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**All data, including phase data, are available on CD-ROM
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Addendum I

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 now been adopted by the ISC, please see the last pages of this Bulletin for details.

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, 2170S, 17955W, 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, 2176S, 17970W, 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, 223S-02, 1796W-03, h613km, 42km, n22, s1515/21, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						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	Mangatainoka 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
MCW	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
CTA	Charters Tower	31.93	267	fl/P	P	18 51 22.3	+0.4
STKA	Stephens Creek	35.75	246	eP	P	18 51 55.3	+1.8
ASAR	Alice Springs	42.74	259	P	P	18 52 50.1	+0.3
ASAR	Alice Springs	42.74	259	S	S	18 58 31.3	-0.1
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
WRA	Warramunga Arr	42.96	264	S	S	18 58 33.0	-1.5
KAKA	Kakadu	46.64	273	eP	P	18 53 18.2	-1.8
FITZ	Fitzroy Crossi	51.39	264	eP	P	18 53 54.3	-0.7
MBWA	Marble Bar	56.08	259	eP	P	18 54 27.1	-0.7
CMAR	Chiang Mai Arr	89.35	290	P	P	18 57 38.1	+1.0
ARCES	ARCESS Array B	130.36	349	PKP	PKP	19 03 43.7	-0.5
FINES	FINESS Array B	137.02	342	PKP	PKP	19 03 57.3	+0.5
MLR	Muntele Rosu	148.85	324	PKPbc	PKP	19 04 22.7	+5.2

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.

Addendum II

From data-month January 2006 the ISC hypocentres are computed using the AK135 earth velocity model (Kennett, B.L.N. Engdahl, E.R. & Buland R., 1995. Constraints on seismic velocities in the Earth from travel times, Geophys J Int, 122, 108-124; B.L.N. Kennett, 2005. Seismological tables: ak135. Research School of Earth Sciences, the Australian National University, Canberra) and then reviewed by the ISC seismologists. The ISC still produces the hypocentre solutions based on Jeffreys-Bullen travel time tables (agency code ISCJB), yet these solutions are no longer reviewed.

The ISC is planning to re-compute the entire ISC dataset using AK135 once new location procedures are designed, tested, discussed and approved by the ISC Governing Council. Until that time the automatic ISCJB locations will continue to be produced alongside the AK135 solutions to observe the long-time continuity of the ISC Bulletin.

CSEM 01 00:00:51.7,0.1,4000N-3975E,h2km,MD2.9,Error ellipse: s-maj=3.4km s-min=1.9km az=83.0
 DDA 01 00:00:52.5,3996N-3980E,h1km,mb3.0
 ISCJB 01 00:00:53.0,7.0,4000N-3976E,h1km,mb3.0, Error ellipse: s-maj=5.9km s-min=5.4km az=34.6
 ISK 01 00:00:53.0,4001N-3972E,h13km,MD2.9
 ISC 01 00:00:54.0,0.7,4002N-003.3976E,004,h15km,5km,n13,
 c089/19,Turkey

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
EZC	Erzincan	0.27 171	PG	Pg	00	01 01.1	+1.3
GUMT	Gumushane	0.49 334	PG	Pg	00	01 03.1	-0.7
GUMT	Kop Dagı	0.57 90	iP	Pg	00	01 03.5	-1.7
KOPT	Trabzon	0.92 0	iP	Pg	00	01 13.2	+0.5
MACK	Trabzon	0.97 0	ePG	Pg	00	01 12.2	-0.5
KTUT	Pertek	1.16 194	ePN	Pn	00	01 14.9	-0.7
PTK	Espiye-Giresun	1.19 319	ePN	Pn	00	01 15.8	-0.2
ESPY	Kemaliye	1.23 233	iP	Pb	00	01 15.7	-0.9
KEMA	Erzurum	1.24 95	ePN	Pn	00	01 16.9	+0.2
EZM	Erzurum	1.24 95	iP	Pb	00	01 15.4	-1.3
ERZM	Bingöl	1.27 153	ePN	Pn	00	01 32.8	0.0
ERZM	Borcka	2.01 44	ePN	Pn	00	01 28.2	+0.9
ARTV	Artvin	2.02 54	iP	Pn	00	01 30.0	+2.5

IDC 01 00:06:42.2,3.6,6465E-14850W,h0km,mb4.2/2,mb1 4.3/3, mb1mx3.7/15,mbtmp4.1/3,ML4.0/1,MS3.3/3,MS1 3.3/3, ms1mx2.9/18,Error ellipse: s-maj=100.3km s-min=46.9km az=117.0,New Britain region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
CTA	Charters Tower	13.72 189	LR	LR	00	14 14.7	
WB2	Warramunga Arr	19.20 224	eP	Pn	00	11 07.7	-0.9
WRA	Warramunga Arr	19.20 224	eP	Pn	00	11 07.7	-0.9
ASAR	Alice Springs	22.13 218	P	P	00	11 40.6	+1.2
FITZ	Fitzroy Crossi	25.12 241	eP	P	00	12 08.2	-0.8
FITZ	Fitzroy Crossi	25.12 241	P	P	00	12 07.7	-1.3
FITZ	Stephens Creek	26.19 193	eP	LR	00	21 49.4	
STKA	Stephens Creek	26.19 193	eP	Pn	00	12 22.2	+4.5
MAW	Mawson	82.40 203	LR	LR	00	52 39.4	
TORD	Torodi Arr. Bea	146.65 284	PKPbc	PKPbc	00	26 26.9	-0.1

NEIC 01 00:18:59.5,1943N-6774W,h15km,MD3.5(RSPR),After RSPR.

RSPR 01 00:18:59.5,1943N-6774W,h15km,22km,MD3.5/11, MD3.5/11,11C-1D,Mona Passage

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
AGPR	Aguadilla, PR	13.17 148f	eP	Pb	00	19 17.2	-3.5
AGPR	Las Mesas	1.40 154f	eS	Pn	00	19 31.1	-4.1
LSP	Lares	1.42 143f	eS	Pn	00	19 21.2	-3.2
LRS	Lares	1.42 143f	eS	Pn	00	19 21.6	-3.2
LRS	Arecibo Observ	1.43 139f	eS	Pn	00	19 39.3	-3.8
AOPR	Cerrillos	1.74 141f	eS	Pn	00	19 21.8	-3.0
AOPR	Cerrillos	1.74 141f	eS	Pn	00	19 39.2	-4.2
CELF	OBIP	1.75 142f	eS	Pn	00	19 26.8	-2.4
OBIP	OBIP	1.75 142f	eS	Pn	00	19 47.1	-4.1
OBIP	San Juan	2.00 131f	eS	Pn	00	19 48.1	-3.3
SJG	San Juan	2.00 131f	eS	Pn	00	19 30.3	-2.5
SJG	San Juan	2.00 131f	eS	Pn	00	19 53.4	-4.1
SJG	San Juan	2.00 131f	eS	Pn	00	19 29.9	-2.2
CBYP	Canovanas	2.12 123f	eP	Pn	00	19 54.0	-3.5
HUMP	Col San Antoni	2.20 125f	eP	Pn	00	19 31.1	-2.5
HUMP	Cerro la Pandu	2.22 128f	eP	Pn	00	19 59.3	-3.2
CPD	Monte Pirata	2.46 122f	eP	Pn	00	19 33.5	-2.3
MTP	Pres de Saban	3.38 263	ePn	Pn	00	20 05.6	-3.3
SDDR	Pres de Saban	3.38 263	ePn	Pn	00	19 52.7	-0.9
SDDR			eS	Pn	00	20 34.8	+3.2

IDC 01 00:35:55.7,63.0,14465E-16859W,h0km,mb4.0/3, mb1 4.2/3,mb1mx3.7/14,mbtmp4.0/3,Error ellipse: s-maj=1069.0km s-min=113.7km az=66.0, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
STKA	Stephens Creek	30.14 230	P	P	00	42 07.4	-0.1
WRA	Warramunga Arr	33.13 256	P	P	00	42 34.4	+0.4
ASAR	Alice Springs	33.96 249	P	P	00	42 40.8	-0.3

ATH 01 00:39:20.5,3945N-2027E,h58km,MD3.2/3
 ISCJB 01 00:39:21.4,0.6,3930N-2025E,0.06,h1km,Error ellipse: s-maj=6.8km s-min=3.2km az=179.0

CSEM 01 00:39:21.6,0.1,3931N-2020E,h5km,ML3.1,Error ellipse: s-maj=4.7km s-min=1.6km az=78.0
 THE 01 00:39:21.6,0.1,3932N-2010E,h1km,ML3.1
 SKO 01 00:39:26.8,3931N-2070E,h20km
 ISC 01 00:39:22.1,0.7,3930N-002.2023E,006,h1km,7km,n19,
 c1504/30,Greece-Albania border region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
IGT	Igoumenitsa	0.25 18	ePG	Pg	00	39 26.1	-0.8
IGT	Igoumenitsa	0.25 18	ePG	Pg	00	39 30.0	-0.1
IGT	Igoumenitsa	0.25 18	ePG	Pg	00	39 26.1	-0.8
IGT	Kerkira	0.54 321	eP	Pg	00	39 30.0	-0.1
KEK	Kerkira	0.54 321	eP	Pg	00	39 32.3	-0.1
JAN	Janina	0.60 53	eS	Pn	00	39 32.6	-1.0
JAN	Janina	0.60 53	eS	Pn	00	39 41.5	+0.1
SRN	Sarande	0.61 343	iP	Pg	00	39 33.0	-0.8
SRN	Sarande	0.61 343	iP	Pg	00	39 43.0	+1.3
LKD	Levkas	0.65 151	ePG	Pg	00	39 34.7	-0.3
VLS	Valsamata	1.15 166	ePG	Pg	00	39 43.4	-0.7
VLS	Valsamata	1.15 166	ePG	Pg	00	40 00.7	+1.6
VLS	Valsamata	1.15 166	ePG	Pg	00	39 43.6	-0.6
KFL	Aninata	1.26 160	eP	Pg	00	39 45.8	-0.4
AGG	Agios Georgios	1.65 99	eP	Pb	00	39 52.1	-1.2
AGG	Florina	1.73 30	eSb	Pb	00	40 16.9	+2.0
FNA	Florina	1.73 30	eSb	Pb	00	39 53.2	-1.4
OHR	Ohrid	1.86 13	eSg	Pg	00	40 14.8	-2.0
BIA	Bitola	1.91 26	ePn	Pn	00	39 57.1	+1.3
BIA	Bitola	1.91 26	ePn	Pn	00	40 24.7	+1.1
BIA	Bitola	1.91 26	ePn	Pn	00	39 57.1	+1.3
LIT	Litokhoron	1.92 65	ePn	Pn	00	39 56.8	+1.0
KRUS	Krusevo	2.21 20	ePn	Pn	00	40 00.3	+0.5
KRUS	Krusevo	2.21 20	ePn	Pn	00	40 33.0	-0.1
KRUS	Krusevo	2.21 20	ePn	Pn	00	40 00.3	+0.4
KRUS	Krusevo	2.21 20	ePn	Pn	00	40 33.0	-0.2
STIP	Stip	2.82 31	eSg	Pg	00	40 08.4	+0.2
EZN	Ezine	2.94 82	ePG	Pn	00	40 33.3	-1.3

ISCJB 01 00:52:37.6,0.7,3926N-003.2023E,009,h10km,Error ellipse: s-maj=10.4km s-min=3.8km az=176.5
 ATH 01 00:52:37.9,3922N-2026E,h10km,MD3.4/3
 CSEM 01 00:52:38.2,0.1,3926N-2026E,h2km,ML3.1,Error ellipse: s-maj=3.6km s-min=1.6km az=86.0
 THE 01 00:52:38.5,3920N-2026E,h0km,ML3.1
 SKO 01 00:52:46.0,3965N-2059E,h1km
 ISC 01 00:52:37.8,0.7,3928N-003.2024E,009,h10km,8km,n17,

0060/22, Greece-Albania border region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
IGT	Igoumenitsa	0.27 15	ePG	Pg	00	52 43.0	-0.1
IGT	Igoumenitsa	0.27 15	ePG	Pg	00	52 47.4	+0.6
IGT	Igoumenitsa	0.27 15	ePG	Pg	00	52 47.3	+0.6
KEK	Kerkira	0.56 322	eP	Pb	00	52 49.8	+0.2
JAN	Janina	0.60 51	eP	Pb	00	52 49.6	-0.9
SRN	Sarande	0.63 343	iP	Pg	00	52 49.9	-0.1
LKD	Levkas	0.65 151	ePG	Pg	00	52 49.9	-0.5
MEV	Metsovon	0.92 56	ePG	Pg	00	53 01.5	-0.1
VLS	Valsamata	1.13 166	ePG	Pg	00	52 58.6	-0.8
VLS	Valsamata	1.13 166	ePG	Pg	00	53 15.4	+1.2
VLS	Valsamata	1.13 166	ePG	Pg	00	52 58.5	-0.9
VLS	Valsamata	1.13 166	ePG	Pg	00	52 58.7	-0.8
VLS	Valsamata	1.13 166	ePG	Pg	00	53 15.4	+1.3
KFL	Aninata	1.24 160	eP	Pb	00	53 17.9	+0.6
KFL	Aninata	1.24 160	eP	Pb	00	53 08.5	+0.4
AGG	Agios Georgios	1.64 98	eP	Pb	00	53 10.6	+0.8
FNA	Florina	1.74 30	eSb	Pb	00	53 12.8	0.0
LIT	Litokhoron	1.92 64	eSb	Pb	00	53 13.4	+0.4
BIA	Bitola	1.93 25	ePn	Pn	00	53 13.6	+0.6
BIA	Bitola	1.93 25	ePn	Pn	00	53 17.9	+0.6
KRUS	Krusevo	2.23 20	ePn	Pb	00	53 17.6	-0.5

IDC 01 01:07:22.9,1.1,4402N-151.89E,h0km,mb3.7/8, mb1 3.8/10,mb1mx3.7/20,mbtmp3.6/10,ML3.5/2,Error ellipse: s-maj=28.3km s-min=25.6km az=124.0
 NEIC 01 01:07:24.6,0.8,4396N-151.79E,h10km,Error ellipse: s-maj=21.8km s-min=19.9km az=217.0
 JMA 01 01:07:27.1,0.6,4472N-151.47E,h30km,MA.0
 ISCJB 01 01:07:28.9,1.7,4380N-01.1514E,01,h55km,13km, mb3.7/9,Error ellipse: s-maj=27.4km s-min=12.6km az=150.0

MOS 01 01:07:31.7,0.7,4391N-151.32E,h77km,mb4.2/4,Error ellipse: s-maj=27.4km s-min=19.2km az=103.4
 ISC 01 01:07:31.2,1.6,4380N-02.1514E,01,h59km,11km,n32,
 c091/28,mb3.7/9,East of Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
NEM2	Nemuro 2	4.11 266	eS	Pn	01	09 30.3	-1.0
NEM2	Nemuro 2	4.11 266	eS	Pn	01	09 17.4	-0.6
JRA	Rausu	4.52 274	P	P	01	08 36.9	-0.1
JAK	Akkeshi	4.92 263	P	P	01	08 41.6	-0.9
JAK	Abashiri-Toko	5.39 275	eS	Pn	01	09 38.0	
JTKR	Ashorobuto	5.54 268	P	P	01	08 48.7	+0.3
JAR	JAR	5.99 275	eS	Pn	01	08 50.7	-0.3
JAR	JAR	5.99 275	eS	Pn	01	08 53.6	
JMP	Muruseppu	5.79 275	P	P	01	08 54.7	+0.3
JCH	Churui	5.96 262	P	P	01	08 56.7	+0.0
JCH	JCH	5.96 262	P	P	01	10 02.7	
ASAJ	Asahikawa	6.34 276	Pn	Pn	01	09 03.5	+1.6
ASAJ	Asahikawa	6.34 276	Pn	Pn	01	09 03.5	+1.6
ASAJ	Asahikawa	6.34 276	Pn	Pn	01	09 03.5	+1.6
JFR	Furan	6.41 268	P	P	01	09 03.6	+0.7
JFR	Furan	6.41 268	eS	Pn	01	10 16.5	
JNBK	Urakawa-nobuka	6.49 260	eS	Pn	01	10 16.0	
B72	Biratori 2	6.64 265	P	P	01	09 05.8	-0.3
SKR	Severo-Kuril's	7.64 23	ePN	Pn	01	09 20.5	+0.9
JNBK	Nobukoetsu	7.87 263	eS	Pn	01	10 44.7	
JKB	Kayabe	7.82 260	eS	Pn	01	10 46.9	
JANG	Nango	8.07 249	eS	Pn	01	10 52.9	
JTM	Temabayashi	8.19 252	eS	Pn	01	10 56.2	
SOMR	Songino Array	31.27 293	P	P	01	13 46.2	+1.1
MKAR	Makanchi Array	47.27 299	P	P	01	15 59.4	+1.1
MKAR	Makanchi Array	47.27 299	P	P	01	15 59.4	+1.2
JOF	Joensuu	63.46 334	eP	P	01	17 54.7	+0.3
JOF	Joensuu	63.46 334	eP	P	01	17 54.7	+0.3
JOF	Joensuu	63.46 334	eP	P	01	17 54.7	+0.3
JOF	Joensuu	63.46 334	eP	P	01	17 54.7	+0.3
NVAR	Mina Array Bea	64.95 60	P	P	01	18 02	

Code	Station Name	Δ ¹ AZ	Phase ID	Op	ISC	Time	Res
						h m s	ISC
JNK	Nakash	0.02 269	UP	Pn	04 12 24.9	-0.6	
JNK			ES	Pn	04 12 28.2	-0.7	
JRA	Rausu	0.44 37	UP	Pn	04 12 25.9	-0.7	
JRA			ES	Pn	04 12 40.0	-1.0	
JAK	Akeshi	0.59 184	UP	Pn	04 12 26.6	-0.9	
JAK			ES	Pn	04 12 41.3	-1.1	
JTKR	Abashiri-Toko	0.72 303	UP	Pn	04 12 28.6	+0.2	
JTKR			ES	Pn	04 12 45.2	+1.1	
NEM2	Nemuro 2	0.76 107	UP	Pn	04 12 26.9	-1.7	
NEM2			ES	Pn	04 12 41.3	-3.2	
JAR	Ashorobuto	0.77 248	UP	Pn	04 12 29.2	+0.4	
JAR			ES	Pn	04 12 45.7	+1.0	
YUK	Yuzh-Kuril'sk	0.92 60	UP	Pn	04 12 28.9	-1.1	
YUK			ES	Pn	04 12 46.0	-0.9	
YUK	comp=N,47um,1.0s						pmax
YUK	comp=E,96um,1.0s						pmax
YUK	comp=Z,170um,1.0s						pmax
YUK	Yuzh-Kuril'sk	0.92 60	UP	Pn	04 12 28.9	-1.1	
YUK			ES	Pn	04 12 30.0		
YUK	comp=Z,47um,1.0s						AMB
YUK	comp=Z,96um,1.0s						AMB
YUK	comp=Z,170um,1.0s						AMB
JOB	Onbetsu	0.95 225	UP	Pn	04 12 30.5	+0.2	
JOB			ES	Pn	04 12 48.0	+0.5	
JMP	Maruseppu	1.09 293	UP	Pn	04 12 30.2	+0.4	
JMP			ES	Pn	04 12 34.9	0.0	
JCH	Churui	1.41 227	UP	Pn	04 12 55.4	-0.1	
JCH			ES	Pn	04 12 36.5	+0.9	
JKK2	Kamakawa 2	1.48 282	UP	Pn	04 12 38.1	+0.8	
JFR	Furan	1.63 256	UP	Pn	04 12 01.5	+1.6	
JFR			ES	Pn	04 12 38.8	+1.3	
ASAJ	Asahikawa	1.65 290	UP	Pn	04 12 38.9	+1.3	
ASAJ	Asahikawa	1.65 290	UP	Pn	04 12 38.9	+1.3	
ASAJ	comp=Z,7um,0.3s,baz=115,slow=9.8						S
ASAJ	comp=Z,759nm,0.3s,baz=10.0,slow=28,SNR=9.3						S
ASAJ	Asahikawa	1.65 290	UP	Pn	04 12 38.9	+1.4	
ASAJ			ES	Pn	04 13 02.4	+2.1	
ASAJ			SN	Pn	04 13 02.4	+2.1	
ASAJ							smax
JAB	Ashibetsu	1.84 268	UP	Pn	04 12 41.5	+1.7	
JEM	Erino	1.96 217	UP	Pn	04 12 40.3	-0.9	
JNBK	Urakawa-nobuka	1.96 229	UP	Pn	04 12 40.8	-0.5	
JSE	Soyae	2.08 312	UP	Pn	04 12 43.0	+0.4	
JHR	Hokuryu	2.20 275	UP	Pn	04 12 45.8	+1.6	
JEW	Eniwa	2.52 254	UP	Pn	04 12 49.5	+1.3	
JWK2	Keiho	2.68 311	UP	Pn	04 12 51.8	+1.6	
KUR	Kuril'sk	2.77 53	UP	Pn	04 12 50.0	-1.4	
KUR			ES	Pn	04 12 53.0		
KUR	comp=N,1um,0.9s						pmax
KUR	comp=E,4um,0.9s						pmax
KUR	comp=Z,11um,0.9s						pmax
KUR	comp=N,190nm,3.0s						smax
KUR	comp=E,155nm,3.0s						smax
KUR	Kuril'sk	2.77 53	UP	Pn	04 12 50.0	-1.4	
KUR			ES	Pn	04 12 53.0		
KUR	comp=E,25um,1.0s						AMB
KUR	comp=E,1um,0.9s						AMB
KUR	comp=E,4um,0.9s						AMB
KUR	comp=E,11um,0.9s						AMB
KUR	comp=E,18um,2.0s						AMB
KUR	comp=E,190um,3.0s						AMB
KUR	comp=E,155um,3.0s						AMB
JRR	Rishiri	2.91 303	UP	Pn	04 12 55.0	+1.8	
YSS	Yuzh-Sakhalins	3.65 338	UP	Pn	04 13 02.6	-0.2	
YSS			ES	Pn	04 13 02.4	-0.4	
YSS			ES	Pn	04 13 46.0	+0.5	
YSS	comp=Z,940nm,0.7s						pmax
YSS	comp=N,9um,5.0s						pmax
YSS	comp=Z,7um,5.0s						pmax
YSS	comp=N,66um,5.0s						smax
YSS	comp=E,60um,5.0s						smax
YSS	comp=N,24um,11.0s						MLR
YSS	comp=Z,27um,11.0s						MLR
YSS	comp=E,21um,8.0s						MLR
YSS	Yuzh-Sakhalins	3.65 338	UP	Pn	04 13 02.4	-0.4	
YSS			ES	Pn	04 13 02.4		
YSS	comp=E,940nm,0.7s						AMB
YSS	comp=E,7um,5.0s						AMB
YSS	comp=E,9um,5.0s						AMB
YSS	comp=E,66um,5.0s						AMB
YSS	comp=E,60um,5.0s						AMS
YSS	comp=E,27um,11.0s						AMS
YSS	comp=E,21um,8.0s						AMS
YSS	comp=E,24um,11.0s						AMS
JANG	Nango	4.01 218	UP	Pn	04 13 05.8	-1.9	
JKZ	Kuzumaki	4.41 217	UP	Pn	04 13 11.6	-1.4	
UGL	Ulgegorsk	5.80 342	UP	Pn	04 13 31.5	+0.1	
UGL			ES	Pn	04 13 36.0	-0.7	
UGL	comp=N,3um,1.0s						pmax
UGL	comp=E,7um,1.0s						pmax
UGL	comp=Z,8um,1.0s						pmax
UGL	comp=Z,20um,4.0s						pmax
UGL	comp=N,15um,5.0s						pmax
UGL	comp=E,9um,3.0s						smax
UGL	comp=N,1um,1.0s						smax
UGL	comp=E,2um,1.0s						smax
UGL	comp=N,84um,5.0s						smax
UGL	comp=E,32um,5.0s						smax
UGL	comp=Z,46um,5.0s						smax
UGL	Ulgegorsk	5.80 342	UP	Pn	04 13 31.5	+0.1	
UGL			ES	Pn	04 13 34.5		
UGL	comp=Z,15um,5.0s						AMB
UGL	comp=Z,3um,1.0s						AMB
UGL	comp=Z,7um,1.0s						AMB
UGL	comp=Z,8um,1.0s						AMB
UGL	comp=Z,9um,3.0s						AMB
UGL	comp=Z,20um,4.0s						AMB
UGL			ES	Pn	04 14 36.0	-0.7	
UGL			ES	Pn	04 14 36.0	-0.7	
UGL	comp=Z,1um,1.0s						A

UGL	comp=Z,2um,1.0s	A	04 14 41.5
UGL	comp=Z,84um,5.0s	A	04 14 49.0
UGL	comp=Z,32um,5.0s	A	04 14 49.0
UGL	comp=Z,46um,5.0s	A	04 14 49.0
TEY	Tornei	6.02 287	UP
TEY			ES
TEY			ES
JAW	comp=Z,650nm,1.8s	6.60 221	UP
JAW	Awa shima	6.60 221	UP
JAW			ES
JSD	Sasagawa	7.08 217	UP
JSD	Sado	7.41 224	UP
JSD	Tymovskoe	7.42 350	UP
TYV	comp=Z,935nm,1.0s		AMB
TYV	comp=Z,891nm,1.0s		AMB
TYV	comp=Z,2um,1.0s		AMB
TYV	comp=Z,11um,6.0s		AMB
TYV	comp=Z,4um,8.0s		AMB
TYV	comp=Z,10um,8.0s		AMB
TYV		ES	SN
TYV		A	04 15 19.0
TYV	comp=Z,9um,8.0s		A
TYV	comp=Z,20um,10.0s		A
TYV	comp=Z,340nm,1.5s		A
TYV	comp=Z,500nm,1.5s		A
JSB	Shiboa	7.57 211	UP
JSB			ES
JJZZ	Izumozaki	7.59 219	UP
JJZZ			ES
JJZZ	Hitachi	7.67 206	UP
JJZZ	Hiroka	7.69 217	UP
JJK	Katashina	8.01 214	UP
JJN	Nakama	8.20 220	UP
JAG	Ashikaga	8.22 211	UP
JHG	Hegura jima	8.26 229	UP
JHG			ES
JSG	Suzu	8.32 225	UP
JSG			ES
JKZ	Kuni	8.43 216	UP
MAJO	Matsushiro	8.64 218	UP
MAT	Matsushiro	8.64 218	UP
MJAR	Matsushiro Arr	8.64 218	UP
MJAR			ES
MJAR	comp=Z,15nm,0.3s,baz=39,slow=16,SNR=4.2		LR
MJAR	comp=Z,3um,20.0s,baz=35,slow=41		ScP
MJAR	comp=Z,0.2nm,0.3s,baz=32,slow=0.5,SNR=4.1		ScP
MJAR	Matsushiro Arr	8.64 218	UP
MJAR			ES
MJAR	comp=Z,82nm,0.3s		smax
MJAR	comp=N,15nm,0.3s		MLR
MJAR	comp=Z,3um,20.0s		MLR
TKO	Tokyo	8.78 208	UP
JRY	Ryogami san	8.79 213	UP
JRY			ES
JNG	Nsakai	8.80 218	UP
JNG			ES
JTT	Tatey	8.99 222	UP
JHT	Hakui	9.02 225	UP
JHT			ES
JNT	Takato	9.23 216	UP
JNT			ES
JNT	Boso 4	9.24 203	UP
JGN	Niikawa	9.31 220	UP
JGN			ES
BSO3	Boso 3	9.37 202	UP
VLA	Vladivostok	9.38 272	UP
VLA	Vladivostok	9.38 272	UP
BSO1	Boso 1	9.39 199	UP
JYN	Shimob	9.39 213	UP
JOD2	Odawara 2	9.39 210	UP
AJJ	Ajiro2	9.59 209	UP
JKG	Kaga	9.75 224	UP
JKG			ES
JNY	Yasuok	9.79 215	UP
JGF	Kuroka	9.80 218	UP
SHZ3	Shizuoka 3	9.90 213	UP
NKL	Nikolayevsk	9.95 346	UP
NKL			AMB
NKL	comp=Z,770nm,1.0s		AMB
NKL	comp=Z,230nm,1.0s		AMB
NKL	comp=Z,2um,1.0s		AMB
NKL	comp=Z,8um,7.0s		AMB
NKL	comp=Z,3um,7.0s		AMB
NKL	comp=Z,7um,7.0s		AMB
NKL	comp=Z,3um,10.0s		AMB
NKL	comp=Z,4um,12.0s		AMS
NKL	comp=Z,5um,12.0s		AMS
JJZS	Izushimoda	9.96 209	UP
JGM	Miyama	10.01 221	UP
OKH	Okha	10.04 354	UP
OKH			ES
OKH	comp=Z,7um,14.0s		MLR
OKH	Okha	10.04 354	UP
OKH			ES
OKH	comp=Z,4um,5.0s		AMB
OKH	comp=Z,9um,8.0s		AMB
OKH	comp=Z,7um,11.0s		AMB
OKH	comp=Z,6um,13.0s		A
OKH	comp=Z,11um,6.2s		A
JAJO	Obara	10.12 217	UP
JYZW			

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Table with columns: ID, Name, Time, Date, and other identifiers. Includes entries like GRA1 Grafenberg Arr, GRF Grafenberg Arr, GRFO Grafenberg, etc.

Table with columns: ID, Name, Time, Date, and other identifiers. Includes entries like WTTA Wattenberg, WTTA Wattenberg, WTTA Folkestone, etc.

Table with columns: ID, Name, Time, Date, and other identifiers. Includes entries like CRO2 Rosenanowes 2, CRO2 La Chapelle, CRO2 La Chapelle, etc.

ms1mx2.9/26, Error ellipse: s-maj=580.6km s-min=86.4km az=164.0, North of Ascension Island

NEIC 01 09:04:35.0, 3860S-17570E, h147km, MG3.7(WEL), After WEL

WEL 01 09:04:35.0-0.4, 3860S-17570E, h147km, 3km, ML3.6/17, Error ellipse: s-maj=2.5km s-min=2.3km az=90.0, North Island

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

CSEM 01 09:10:53.9, 3590N-3094E, h13km, MD3.6, After ISK

ISK 01 09:10:53.9, 3590N-3094E, h13km, MD3.6, Eastern Mediterranean Sea

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

IDC 01 09:20:29.3-17.0, 1935S-17406W, h0km, mb4.2/5, mb1 4.3/5, mb1mx3.9/17, mbtmp4.2/5, Error ellipse: s-maj=317.9km s-min=138.9km az=81.0, Tonga Islands

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

NEIC 01 09:30:04.5-0.8, 6151N-12646E, h35km, mb4.1/3, Error ellipse: s-maj=75.0km s-min=11.5km az=70.0

IDC 01 09:30:09.2-9.7, 597N-12618E, h72km, 83km, mb3.7/8, mb1 3.9/8, mb1mx3.6/19, mbtmp3.7/8, Error ellipse: s-maj=113.6km s-min=21.2km az=66.0

ISCJB 01 09:30:11.3-0.9, 590N-008-1262E.01, h104km, 10km, mb3.9/8, Error ellipse: s-maj=21.1km s-min=12.7km az=167.3

ISC 01 09:30:12.3-0.9, 591N-008-1262E.01, h99km, 10km, n17, -0819.17, mb3.9/8, Mindanao

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

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

BUI 01 09:55:29.1, 1358N-14670E, h44km, mb4.9, mb4.9, MS4.5, MS4.2

ISCJB 01 09:55:32.4-0.2, 1360N-004x146.11E:0.04, h47km, mb4.9/85, MS4.2/27, Error ellipse: s-maj=5.9km s-min=5.0km az=21.7

MOS 01 09:55:32.0-0.9, 1367N-14595E, h43km, mb5.1/32, Error ellipse: s-maj=12.5km s-min=7.0km az=98.3

NEIC 01 09:55:33.9-0.2, 1361N-14609E, mb5.0/34, Error ellipse: s-maj=6.1km s-min=4.8km az=132.0

IDC 01 09:55:33.9-0.6, 1372N-14623E, h48km, 5km, mb4.4/19, mb1 4.1/19, mb1mx4.4/22, mbtmp4.4/19, MS4.1/14, MS1 4.1/14, ms1mx3.9/30, Error ellipse: s-maj=11.1km s-min=6.8km az=169.0

DJA 01 09:55:45, 1326N-14458E, h18km, mb5.3/15

ISC 01 09:55:34.3-0.2, 1359N-004x146.15E:0.03, h49km, h49km, 1.1km, pp-P, n190, 09:52/191, mb4.9/85, MS4.2/27, 13C-5D, South of Mariana Islands

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

WHN 01 09:55:33.9-0.2, 1361N-14609E, mb5.0/34, Error ellipse: s-maj=6.1km s-min=4.8km az=132.0

IDC 01 09:55:33.9-0.6, 1372N-14623E, h48km, 5km, mb4.4/19, mb1 4.1/19, mb1mx4.4/22, mbtmp4.4/19, MS4.1/14, MS1 4.1/14, ms1mx3.9/30, Error ellipse: s-maj=11.1km s-min=6.8km az=169.0

DJA 01 09:55:45, 1326N-14458E, h18km, mb5.3/15

ISC 01 09:55:34.3-0.2, 1359N-004x146.15E:0.03, h49km, h49km, 1.1km, pp-P, n190, 09:52/191, mb4.9/85, MS4.2/27, 13C-5D, South of Mariana Islands

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

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

comp=Z, 33nm, 1.1s, mb5.1

comp=N, 205nm, 21.2s

comp=E, 199nm, 13.0s

comp=Z, 176nm, 24.3s

comp=Z, 12nm, 0.8s, mb4.8

comp=Z, 5.2nm, 0.8s, baz=28, slow=11, SNR=8.7

comp=Z, 120nm, 4.3s

comp=N, 510nm, 18.6s, MS4.5

comp=E, 420nm, 17.4s, MS4.5

comp=Z, 530nm, 19.3s, MS4.4

comp=Z, 7.0nm, 0.9s, mb4.4

comp=Z, 3.2nm, 0.8s, mb4.1, baz=169, slow=4.5, SNR=7.2

comp=Z, 20nm, 1.0s, mb4.7

comp=Z, 103nm, 6.4s

comp=N, 225nm, 25.0s, MS4.0

comp=E, 118nm, 22.6s, MS4.0

comp=Z, 256nm, 23.8s, MS4.0

comp=Z, 6.0nm, 0.8s, mb4.3

comp=Z, 105nm, 6.4s

comp=N, 213nm, 19.4s, MS4.2

comp=E, 201nm, 18.7s, MS4.2

comp=Z, 191nm, 18.7s, MS4.0

comp=Z, 2.0nm, 1.2s, mb4.7

comp=Z, 130nm, 9.6s

comp=N, 250nm, 16.2s, MS4.3

comp=E, 260nm, 18.0s, MS4.3

comp=Z, 270nm, 16.8s, MS4.2

comp=Z, 58nm, 1.5s, mb5.1

comp=Z, 160nm, 4.8s

comp=N, 470nm, 15.8s

comp=Z, 630nm, 17.0s, MS4.6

comp=Z, 6.1nm, 0.8s, mb4.6

comp=Z, 2.4nm, 0.8s, mb5.2

comp=Z, 24nm, 1.0s, mb5.1, baz=20, slow=9.5, SNR=97

comp=Z, 18nm, 0.9s, baz=20, slow=9.5, SNR=15

comp=Z, 189nm, 18.1s, MS3.9, baz=270, slow=38

comp=Z, 24nm, 1.0s

comp=Z, 52nm, 1.4s, mb5.2

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

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comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

comp=Z, 52nm, 1.4s

1d 10h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TLY, SHL, UNV, BILL, WMQ, DMN, SDPT, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WVOR, WVOR, WVOR, BMO, EDM, APA, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MPOR, KBO, COR, KMOR, HUNO, etc.

DJA 01 10:21:55.2219S-17963W, h544km, mB5.7/4
MOS 01 10:21:55.3.0.9.2202S-17961W, h563km, mB4.8/35,
Error ellipse: s-maj=10.0km s-min=8.0km az=48.0
ISCJB 01 10:21:58.5.0.1.2234S-003.17957W, 0.03h, 608km,
mb4.8/104, Error ellipse: s-maj=4.3km s-min=3.0km
az=35.4
IDC 01 10:21:58.6.0.5.2225S-17962W, h595km, 5km, mb4.3/18,
mb1.4/3.20, mb1mx4.3/22, mbtmp4.3/20, Error ellipse:
s-maj=10.3km s-min=8.1km az=155.0
NEIC 01 10:21:59.4.0.1.2226S-17958W, mb4.8/78, Error ellipse:

s-maj=5.0km s-min=3.0km az=122.0
 BGS 01 10:21:59.3.0.0.22265s.17958W,h606km,m4.8(NEIC)
 GCMT 01 10:21:59.3.0.3.22325s.17937W,h610km,2km,MW5.6/7.2
 Moment Tensor Solution. s72.c102; Duration: 15s
 Moment tensor: Scale 10¹⁷Nm; Mr:0.40±0.6; Mw:0.36±0.9;
 Mw-0.76±0.9; Mw-1.28±0.9; Mw-1.17±0.8; Mw-2.64±0.8;
 Best double couple: M3.09400±0.1017 NP1±0.62.00000±
 0.11.00000±0.128.00000±. NP2±0.203.00000±0.81.00000±
 0.83.00000±. Principal axes: T 2.5640, P1g53.00000±,
 Azm105.00000±, N 1.0600, P1g7.00000±, Azm204.00000±, P
 -3.6240, P1g36.00000±, Azm299.00000±; nst1 refers to
 body waves, cut1=28s.

BJI 01 10:21:59.2.21565s.17941W,h594km,m4.9,m5.0
 SZGRF 01 10:21:59.5.22095s.17814W,h611km,Source of Fiji Islands

ISC 01 10:21:59.0.1.2231S.003.17956W.0.03h,610km,
 h610km,1.7km;p-P,n488,e0599/290,m4.8/104,36C-26D,
 South of Fiji Islands

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
RAO	Raoul Island	7.07	168	eP	10 23 48.8	-2.0
RAO	Raoul Island	7.07	168	eS	10 24 53.8	-28
RAO	Raoul Island	7.07	168	eP	10 23 49.2	-1.5
RAO	Raoul Island	7.07	168	eP	10 25 15.9	-5.7
RAO	Raoul Island	7.07	168	eP	10 23 48.8	-2.0
AFI	Afiamau	11.16	43	eP	10 24 23.8	-6.6
AFI	Afiamau	11.16	43	eS	10 26 20.2	-14
AFI	Afiamau	11.16	43	eP	10 24 24.3	-6.1
AFI	Afiamau	11.16	43	eP	10 26 21.2	-13
AFI	Afiamau	11.16	43	eP	10 24 23.8	-6.6
AFI	Afiamau	11.16	43	eP	10 26 20.2	
DZM	Mont Dzumac	12.97	268	eP	10 24 47.2	-1.3
FUNA	Funafuti	13.76	355	eP	10 24 52.2	-4.2
WCZ	Waipi	14.58	200	eP	10 25 05.6	+2.0
OTAZ	Otaua	15.35	197	eP	10 25 12.0	+1.4
MKAZ	Moumakai	15.44	196	eP	10 25 12.8	+1.3
TGRZ	Tauranga	15.78	192	eP	10 25 16.8	+2.2
PUZ	Puketiti	15.82	196	eP	10 25 14.6	-0.3
URZ	Urewera	15.85	193	eP	10 25 15.2	-2.4
URZ	Urewera	15.85	193	eP	10 25 16.4	-1.6
URZ	Urewera	15.85	193	eP	10 27 53.9	-5.3
KNZ	Kokohu	16.82	187	eP	10 25 23.5	-0.6
BKZ	Black Stump Fm	17.14	190	eP	10 25 24.8	-2.2
MOVZ	Moawhango	17.50	192	eP	10 25 30.0	-0.3
WAZ	Wanganui	18.00	194	eP	10 25 35.5	+0.7
TSZ	Takapari Road	18.00	194	eP	10 25 35.3	-0.4
RAR	Rarotonga	18.41	90	eP	10 25 36.8	-2.1
MRZ	Mangatainaka R	18.75	192	eP	10 25 39.7	-1.9
KIW	Kapiti Island	19.07	193	eP	10 25 44.4	-0.2
MTW	Mount Morrison	19.25	191	eP	10 25 45.2	-0.9
CAW	Cannon Point	19.28	192	eP	10 25 45.5	-0.9
MRW	Makara Road	19.47	193	eP	10 25 47.9	-0.3
SNZO	South Karori	19.55	193	eP	10 25 47.9	-0.1
TCW	Tory Channel	19.55	194	eP	10 25 48.3	-0.6
QRZ	Quartz Range	19.63	198	eP	10 25 50.2	+0.6
NNZ	Nelson	19.77	196	eP	10 25 50.6	-0.2
BSWZ	Blackbirch Sta	20.12	193	eP	10 25 54.9	+0.9
THZ	Topohue	20.40	196	eP	10 25 56.2	-0.2
THZ	Topohue	20.40	196	10 29 06.1	-1.3	
DSZ	Denniston Nort	20.69	199	eP	10 25 59.7	+0.5
KHZ	Kahurangi	20.86	194	eP	10 25 59.7	-1.0
LTZ	Lake Taylor	21.52	197	eP	10 29 12.5	-2.2
WVZ	Waikaha Valley	22.23	199	eP	10 26 12.8	-0.4
MQZ	McQueen's Vall	22.29	195	eP	10 26 12.6	-0.8
RPZ	Rata Peaks	22.72	198	eP	10 26 16.8	-0.4
FOZ	Fox Glacier	23.47	300	eP	10 26 19.0	-0.6
HNR	Honiara	23.47	300	eP	10 26 21.8	-2.4
LBZ	Lake Benmore	23.58	199	eP	10 26 24.0	-0.9
JCZ	Jackson Bay	23.75	201	eP	10 26 26.8	+0.4
ODZ	Otaua Downs	24.06	197	eP	10 26 28.1	+0.2
WKZ	Wanaka	24.34	200	eP	10 26 31.2	-0.3
EAZ	Earnsclough	24.61	199	eP	10 26 33.9	0.0
ARMA	Armidale	26.99	247	eP	10 26 56.6	+1.5
ARMA	Armidale	26.99	247	eP	10 30 55.8	+4.5
EIDS	Eidsvold	27.00	258	eP	10 26 55.0	-0.2
EIDS	Eidsvold	27.00	258	eP	10 30 51.9	+0.3
TBI	Tubuai	27.74	98	eP	10 27 02.0	+0.3
PIAT	Papeete	28.55	86	eP	10 27 06.8	-2.0
TIR	Tiarei	28.77	86	eP	10 27 09.8	-1.0
TVO	Taravao	28.87	86	eP	10 27 09.8	-1.4
CNB	Canberra Magne	30.02	238	eP	10 27 22.5	+1.3
PMOR	Pomarioa Ree	30.82	82	eP	10 27 27.0	-1.3
CTA	Charters Tower	31.91	268	eP	10 27 37.2	-0.3
CTA	Charters Tower	31.91	268	eP	10 32 07.2	0.0
CTA	Charters Tower	31.91	268	eP	10 33 00.2	+4.9
CTA	Charters Tower	31.91	268	eP	10 37 01.6	+5.8
CTA	Charters Tower	31.91	268	eP	10 27 37.3	-0.2
CTA	Charters Tower	31.91	268	eP	10 32 06.2	-1.0
CTA	Charters Tower	31.91	268	eP	10 32 58.0	+2.8
CTA	Charters Tower	31.91	268	eP	10 27 37.2	-0.3
CTA	Charters Tower	31.91	268	eP	10 32 07.2	0.0
CTA	Charters Tower	31.91	268	eP	10 37 01.6	0.0
CTAO	Charters Tower	31.91	268	eP	10 27 37.4	-0.1
CTAO	Charters Tower	31.91	268	eP	10 30 09.8	+1.1
CTAO	Charters Tower	31.91	268	eP	10 32 58.1	+2.8
CTAO	Charters Tower	31.91	268	eP	10 27 37.4	-0.1
CTAO	Charters Tower	31.91	268	eP	10 30 09.9	
TOO	Toolangi	33.67	235	eP	10 27 52.9	+0.9
TAU	Tasmania Univ	34.32	225	eP	10 27 58.1	+0.7
TAU	Tasmania Univ	34.32	225	eP	10 27 58.1	+0.7
STKA	Stevens Creek	35.71	246	eP	10 28 09.4	+0.3
STKA	Stevens Creek	35.71	246	eP	10 33 06.0	+2.0
STKA	Stevens Creek	35.71	246	eP	10 28 09.6	+0.5
COEN	Coen	36.30	277	eP	10 28 13.8	-0.3
TAOE	Nuku Hiva Isla	40.11	77	eP	10 28 43.9	-1.0
ASAR	Alice Springs	42.72	259	eP	10 29 04.8	-0.4
ASAR	Alice Springs	42.72	259	eP	10 34 46.2	0.0
WB2	Warramunga Arr	42.93	264	eP	10 29 05.4	-1.5
WB2	Warramunga Arr	42.93	264	eP	10 34 46.2	-2.7
WRAB	Tennant Creek	42.94	264	eP	10 38 03.2	+3.5
WRAB	Tennant Creek	42.94	264	eP	10 29 05.8	-1.2
WRAB	Tennant Creek	42.94	264	eP	10 34 47.7	-1.7
WRAB	Tennant Creek	42.94	264	eP	10 29 06.1	-0.9
WRAB	Tennant Creek	42.94	264	eP	10 29 05.8	-1.2
WRA	Warramunga Arr	42.94	264	eP	10 33 41.7	+4.5
WRA	Warramunga Arr	42.94	264	eP	10 34 47.4	-2.1
KAKA	Kakadu	46.60	273	eP	10 29 33.7	-1.3
KAKA	Kakadu	46.60	273	eP	10 35 35.4	-5.4
FORT	Forrest	47.26	248	eP	10 29 39.2	-0.5

FORT	Forrest	47.26	248	eP	10 33 58.1	+3.1
FORT	Forrest	47.26	248	eP	10 35 49.3	-0.2
FORT	Forrest	47.26	248	eP	10 29 58.2	-1.0
GUMO	Guam	49.89	312	eP	10 29 58.2	-1.1
GUMO	Guam	49.89	312	eP	10 30 09.6	-0.4
FITZ	Fitzroy Crossi	51.37	264	eP	10 36 46.8	+1.2
FITZ	Fitzroy Crossi	51.37	264	eP	10 36 47.2	+1.6
SBA	Scott Base	55.98	183	eP	10 30 45.0	+3.6
SBA	Scott Base	55.98	183	eP	10 30 45.0	+3.6
VNDA	Vanda	55.99	185	eP	10 30 44.2	+2.8
VNDA	Vanda	55.99	185	eP	10 30 44.2	+2.8
VNDA	Vanda	55.99	185	eP	10 30 44.2	+2.7
VNDA	Vanda	55.99	185	eP	10 30 44.2	+2.8
VNDA	Vanda	55.99	185	eP	10 30 44.2	+2.7
KLBR	Kellerberrin	55.99	246	eP	10 30 42.6	+0.3
MBWA	Marble Bar	56.06	259	eP	10 30 42.4	-0.6
MBWA	Marble Bar	56.06	259	eP	10 32 35.4	-2.4
NWAO	Narrogin (SR)	56.27	245	eP	10 30 44.9	+0.7
NWAO	Narrogin (SR)	56.27	245	eP	10 30 44.9	+0.7
MUN	Mundaring	57.24	246	eP	10 30 51.3	+0.4
KAPY	Kappang	61.03	277	eP	10 31 14.9	-1.5
CASI	Casey	61.71	206	eP	10 31 21.2	+1.4
MYLDM	Lahad Datu	66.42	286	eP	10 31 49.7	-0.9
TSM	Tawau	66.59	285	eP	10 31 53.0	+1.4
SDKM	Sandakan	67.79	286	eP	10 32 00.0	+1.2
MIR	Mirny	68.74	205	eP	10 32 05.5	+1.9
KKM	Kota Kinabalu	68.84	286	eP	10 32 04.8	-0.4
KKM	Kota Kinabalu	68.84	286	eP	10 32 05.9	+0.7
BTM	Bintulu	70.43	282	eP	10 32 15.8	+1.2
MJAR	Matsushiro Arr	70.83	325	eP	10 32 15.8	-0.6
MJAR	Matsushiro	70.83	325	eP	10 34 17.6	-2.1
MJAR	Matsushiro	70.83	325	eP	10 34 58.6	-6.5
MAJO	Matsushiro	70.83	325	eP	10 32 20.7	+4.2
MAJO	Matsushiro	70.83	325	eP	10 32 20.7	+4.2
MAJO	Matsushiro	70.83	325	eP	10 32 15.7	-0.8
MAT	Matsushiro	70.83	325	eP	10 40 42.0	-2.1
SBM	Sibu	70.90	281	eP	10 32 18.1	+0.7
XMIS	Christmas Isla	72.11	266	eP	10 32 24.5	0.0
KSM	Kuching	72.25	279	eP	10 32 24.6	-0.6
KSM	Kuching	72.25	279	eP	10 32 25.9	+0.6
NACB	Ninganchiao	73.51	305	eP	10 32 31.0	-1.2
ADK	Adak	73.92	2	eP	10 32 32.4	-1.4
ADK	Adak	73.92	2	eP	10 32 32.4	-1.4
ADK	Adak	73.92	2	eP	10 32 32.4	-1.4
YHNB	Yelkouan Is	74.93	306	eP	10 32 33.9	-0.8
YHNB	Yelkouan Is	74.93	306	eP	10 32 33.9	-0.8
YHNB	Yelkouan Is	74.93	306	eP	10 35 30.9	-0.4
TATO	Taipei	74.04	306	eP	10 32 34.5	-0.7
SMY	Shemya	74.93	356	eP	10 32 36.6	-2.9
SMY	Shemya	74.93	356	eP	10 32 36.6	-2.9
SMY	Shemya	74.93	356	eP	10 32 36.6	-2.8
QZH	Quanzhou	7				

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Table with multiple columns containing station names (e.g., H2OWA, MSU, MSU, TIY, TIY), coordinates, and various numerical data points. The table is organized into two main vertical sections, each with a similar column structure.

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WEL 01 11:41:12.6:0.4, 4022S:-17349E, h183km, 3km, ML3.6/13, Error ellipse: s-maj=2.4km s-min=1.5km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Lists various stations like DUWZ, ORZ, QWZ, etc.

NNC 01 11:44:52.1-8.2, 3780N:7210E, h215km, 71km, mb2.3, mpv3.5, 3C-1D, Error ellipse: s-maj=92.5km s-min=49.6km az=31.0, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Lists stations like KK31, TKM2, AB31, etc.

IDC 01 11:56:42.9-1.1, 612S:-13290E, h0km, mb4.0/5, mb1 4.3/9, mb1mx4.1/15, mbtmp4.2/9, ML3.4/3, MS3.4/2, Ms1 3.4/2, ms1mx2.8/18, Error ellipse: s-maj=43.1km s-min=18.5km az=83.0

NEIC 01 11:56:45.2:0.8, 624S:-13256E, h10km, mb4.0/3, Error ellipse: s-maj=31.1km s-min=10.7km az=76.0

ISCJB 01 11:56:46.7:3.9, 63S:01:-13232E, 009, h38km, 39km, mb4.0/8, Error ellipse: s-maj=22.6km s-min=12.3km az=24.0

ISC 01 11:56:46.3:4.1, 623S:006:-13269E, 009, h19km, 27km, n16, c117/18, mb4.0/5, Tanimbar Islands region

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

IDC 01 12:18:04.2:3.5, 511S:-15226E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/15, mbtmp3.5/3, Error ellipse: s-maj=127.0km s-min=48.3km az=123.0, New Britain region

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

TAP 01 12:38:06.4, 2173N:12040E, h42km, 1km, ML3.5, Taiwan region

CSEM 01 12:49:21.8:0.1, 3747N:3057E, h12km, MD2.9, Error ellipse: s-maj=3.3km s-min=2.7km az=76.0

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ISK 01 12:49:21.9, 3746N:3058E, h10km, MD2.9, ISCJB 01 12:49:22.6:0.7, 3747N:004:3064E:007, h5km, 6km, Error ellipse: s-maj=9.6km s-min=5.7km az=155.2

DDA 01 12:49:24.3, 3753N:3061E, h8km, 4km, MD3.0, ISC 01 12:49:22.9:0.6, 3746N:004:3062E:007, h7km, 5km, n12, c1506/19, Turkey

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

CSEM 01 13:15:22.4:0.7, 3866N:2861W, h17km, 5km, ML3.4, Error ellipse: s-maj=3.3km s-min=3.2km az=73.0, After PDA PDA 01 13:15:22.4:0.7, 3866N:2861W, h17km, 5km, MD3.5, ML3.4, Error ellipse: s-maj=3.3km s-min=3.2km az=73.0, Azores Islands

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

IDC 01 13:29:41.8:7.8, 720S:-12075E, h557km, 23km, mb2.6/2, mb1 2.8/4, mb1mx2.5/18, mbtmp2.7/4, Error ellipse: s-maj=194.4km s-min=105.9km az=48.0, Flores Sea

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

IGQ 01 13:42:23.1, 298S:-7840W, h85km, 10km, Mb4.2, Ms4.0, 6D, Ecuador Error ellipse: s-maj=13.8km s-min=4.9km az=3.4

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

MAN 01 13:42:44, 1520N:-12206E, h1km, mb4.0, ML2.7, MS2.4, 2C-1D, Philippine Islands region

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

MAN 01 13:45:04, 1528N:-12367E, h30km, mb4.4, ML3.2, MS3.0, 3C-1D, Philippine Islands region

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

Table with columns: PALP, PALanana, 2.14 326 eP, Pn, 13 45 38.1 +0.4, etc.

ISCJB 01 13:56:42.4:0.5, 2301S:004:12863E:004, h10km, Error ellipse: s-maj=6.5km s-min=5.1km az=137.9

IDC 01 13:56:45.7:1.5, 2330S:12876E, h0km, mb4.0/2, mb1 4.3/7, mb1mx4.0/17, mbtmp4.2/7, ML3.8/3, Error ellipse: s-maj=28.3km s-min=23.7km az=179.0

NEIC 01 13:56:48.0, 2298S:12866E, h0km, mb4.2/2, ML3.9(AUST), After AUST, AUST 01 13:57:48.3, 2298S:12866E, h0km, ML3.9

ISC 01 13:56:45.3:0.5, 2300S:004:12863E:004, h10km, n25, c1946/49, 2C, Western Australia

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

NIED 01 14:07:00, 4610N:-14230E, h5km, Mw4.1 Best double couple: M1.33000-1.5, NP1.197.00000, 865.00000, 7.113.00000, NP2.331.00000, 834.00000, 1.49.00000

SKHL 01 14:07:50.7:2.3, 4594N:14213E, h10km, mb4.0/7, Ms4.0/2 SKHL Felt (III) at Kirilon, JMA 01 14:07:50.0:0.4, 4613N:14226E, h10km, 3km, M4.3

JMA 01 14:07:50.0:0.4, 4613N:14226E, h10km, 3km, M4.3 JMA Felt I J1, ISCJB 01 14:07:51.4:0.7, 4603N:002:14203E:005, h11km, 4km, mb3.9/13, MS3.0/2, Error ellipse: s-maj=5.7km s-min=3.1km az=12.2

MOS 01 14:07:53.2:1.3, 4603N:14204E, h31km, mb4.3/8, Error ellipse: s-maj=17.9km s-min=9.4km az=99.2, MOS Felt (III) at capo Kirilon, NEIC 01 14:07:54.7:3.3, 4607N:14214E, h24km, 24km, mb4.2/4, Error ellipse: s-maj=12.9km s-min=10.0km az=135.0

NEIC Recorded [I JMA] in northern Hokkaido, Japan, IDC 01 14:07:57.5:1.9, 4595N:14196E, h48km, 20km, mb3.5/8, mb1 3.8/10, mb1mx3.6/20, mbtmp3.6/10, ML3.0/2, MS3.1/4, Ms1 3.1/4, ms1mx2.8/35, Error ellipse: s-maj=22.7km s-min=14.5km az=77.0

ISC 01 14:07:52.7:0.6, 4600N:002:14219E:004, h12km, 4km, n53, c19157/6, mb3.9/13, MS3.1/2, TC, Sakhalin Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Lists stations like JWK2, JWK2, Yuzh-Sakhalins, etc.

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Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, and other technical parameters. Includes entries like KMBO Kilima Mbogo, MARD Mardin, DAWY Dawson, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Bandwidth, SNR, and other technical parameters. Includes entries like KAF Kangasniemi, FIA1 FINES Array S, VRI Vriociaia, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Bandwidth, SNR, and other technical parameters. Includes entries like BRG Berggiesshubel, ARSA Arzberg, CLL Colim, etc.

Table with columns: HHC, comp, station name, time, and other details. Includes stations like HHC comp=Z,15nm,0.5s,mb5.1, HHC comp=Z,88nm,5.0s, HHC comp=N,87nm,21.4s, etc.

IDC 01 16:20:22.9,1.0, 1.34N-126.27E, h0km, mb4.1/7, mb1 4.2/9, mb1mx4.0/18, mbtmp4.1/9, ML4.0/2, Error ellipse: s-maj=42.0km s-min=11.7km az=82.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAP1 Kappang, KAP2 Kappang, KAP3 Kappang, etc.

BUI 01 16:53:40.4, 5.60N-77.80W, h4km, mb5.2, Ms5.0, Msz4.6
IDC 01 16:53:40.6, 0.6, 5.37N-77.77W, h0km, ML4.0/2/16, mb1 4.4/19, mb1mx4.3/23, mbtmp4.3/19, ML4.0/3, MS3.8/13, Ms1 3.8/13, ms1mx3.6/29, Error ellipse: s-maj=21.9km s-min=12.9km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOLC Bahia Solano, SOLC Bahia Solano, MALC Bahia Malaga, etc.

Table with columns: FLOC, BARC, OCAC, OTAV, etc. Includes stations like FLOC Florencia, BARC Barichara, OCAC Ocana, etc.

IDC 01 18:11:52.6, 2.1, 14.95S-167.25E, h160km, 170km, mb3.6/7, mb1 3.8/7, mb1mx3.5/16, mbtmp3.6/7, MS2.6/1, Ms1 2.6/1, ms1mx2.3/25, Error ellipse: s-maj=100.7km s-min=33.9km az=55.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSU Marysvale, DACU Canyon, PASO Paso Flores, etc.

IDC 01 18:29:50.7, 0.8, 2.498N-126.72E, h0km, mb4.0/9, mb1 4.0/12, mb1mx3.9/22, mbtmp3.9/12, ML3.4/3, MS3.1/3, Ms1 3.1/3, ms1mx2.7/32, Error ellipse: s-maj=30.6km s-min=15.9km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOLC Bahia Solano, MALC Bahia Malaga, etc.

Table with columns: HHC, comp, station name, time, and other details. Includes stations like HHC comp=Z,96nm,6.9s, HHC comp=N,62nm,28.5s,MS4.5, HHC comp=E,107nm,29.7s,MS4.5, etc.

IDC 01 16:54:35.9, 1.1, 5.44S-133.85E, h0km, mb3.6/2, mb1 3.8/6, mb1mx3.6/15, mbtmp3.7/6, ML3.7/4, Error ellipse: s-maj=46.2km s-min=22.5km az=82.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BATI Baunata, WRB Tannant Creek, WRA Warramunga Arr, etc.

IDC 01 18:11:52.6, 2.1, 14.95S-167.25E, h160km, 170km, mb3.6/7, mb1 3.8/7, mb1mx3.5/16, mbtmp3.6/7, MS2.6/1, Ms1 2.6/1, ms1mx2.3/25, Error ellipse: s-maj=100.7km s-min=33.9km az=55.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTAO Charters Tower, etc.

IDC 01 18:29:50.7, 0.8, 2.498N-126.72E, h0km, mb4.0/9, mb1 4.0/12, mb1mx3.9/22, mbtmp3.9/12, ML3.4/3, MS3.1/3, Ms1 3.1/3, ms1mx2.7/32, Error ellipse: s-maj=30.6km s-min=15.9km az=76.0

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

1d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gusukube, Miyako jima 2, Naha, Aguni-jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Limon Verde, Cerro Paranal, Antofagasta, etc.

ISCJB 01 18:37:47.9.1.1, 24.18S:006.674W.02, h215km, 29km, Error ellipse: s-maj=36.8km s-min=8.5km az=9.1

2007 JUL

Main table with columns: P/FV/I, Az, Phase ID, Time, Res, ISC. Lists various stations and their observations.

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Table with columns: P/FV/I, Az, Phase ID, Time, Res, ISC. Lists various stations and their observations.

YBT	Youssef Ben Ta	6.72	162	P	Pn	19 04 50.0	+1.1
YBT					Sn	19 06 01.0	-4.5
ZKZ	Tazeka	6.79	107	I	Pn	19 04 50.0	+0.3
TKU					S	19 06 03.0	-4.1
EGUA	Guajares	6.83	83	P	Pn	19 04 51.5	+1.2
	comp=N,39nm,0.2s,SNR=7.9				S	19 06 05.1	-3.1
ECOG	Cogollos-Vega	6.86	79	I	Pn	19 04 52.2	+1.5
ECOG	comp=N,134nm,0.2s,SNR=18				S	19 06 06.1	-2.8
TOU	Touzarine	6.87	99	I	Pn	19 04 53.0	+2.2
TOU					S	19 06 05.0	-4.0
PBRG	Braganca	6.87	35	ePn	Pn	19 04 50.4	+0.4
PBRG					eSn	19 06 00.3	-8.8
PBRG					A	19 06 04.0	
PBRG	Braganca	6.87	35	ePn	Pn	19 04 50.4	+0.4
PBRG					eSn	19 06 00.3	-8.8
PAB	San Pablo	6.88	60	ePn	Pn	19 04 50.9	-0.1
PAB					S	19 06 00.7	-8.7
PAB	San Pablo	6.88	60	ePn	Pn	19 04 50.9	-0.1
PAB					S	19 06 00.7	-8.7
PAB	San Pablo	6.88	60	ePn	Pn	19 04 50.9	-0.1
PAB					S	19 06 00.7	-8.7
EQUE	Quantar	6.96	80	I	Pn	19 04 53.6	+1.6
EQUE	comp=Z,187nm,0.5s,SNR=18				S	19 06 09.4	-1.8
EQUE	comp=Z,254nm,0.5s,SNR=8.9				Pn	19 04 53.6	+1.6
EQUE	Quantar	6.96	80	I	Pn	19 04 53.6	+1.6
EQUE	comp=Z,187nm,0.5s,SNR=18				S	19 06 09.4	-1.8
ECAL	Calabor	6.98	34	P	Pn	19 04 51.8	-0.5
ECAL	comp=Z,146nm,0.2s,SNR=222				S	19 06 04.2	-7.5
MDT	Midelt	7.03	117	Pn	Pn	19 04 54.0	+0.9
MDT	comp=Z,184nm,0.3s,baz=292,slow=18,SNR=4021				S	19 06 07.9	-5.2
MDT	comp=Z,457nm,0.3s,baz=339,slow=24,SNR=21				LR	19 07 30.4	
MDT	comp=Z,338nm,21.3s,baz=310,slow=37				I	19 04 50.6	-2.7
EMAZ	Mazaricos	7.05	19	P	Pn	19 06 02.2	-1.1
EMAZ					Pn	19 04 50.6	-2.7
EMAZ	Mazaricos	7.05	19	P	Pn	19 06 02.2	-1.1
EMAZ					S	19 06 02.2	-1.1
STS	Santiago	7.11	21	Pn	Pn	19 04 53.0	-1.2
STS	comp=Z,65nm,0.2s,SNR=45				S	19 06 03.8	-1.1
ERUA	La Rua	7.17	30	P	Pn	19 04 54.7	-0.3
ERUA	comp=Z,49nm,0.2s,SNR=7.9				S	19 06 08.9	-7.5
ESDC	Sonsecá Array	7.21	60	Pn	Pn	19 04 55.6	+0.1
ESDC	comp=Z,135nm,0.3s,baz=250,slow=13,SNR=521				S	19 06 10.8	-6.6
ESDC	comp=Z,84nm,0.3s,baz=247,slow=18,SNR=6.3				Pn	19 04 55.6	+0.1
ESDC	Sonsecá Array	7.21	60	Pn	Pn	19 04 55.6	+0.1
ESDC	comp=Z,274nm,0.1s,baz=247,slow=13,SNR=758				S	19 06 12.9	-4.5
ESLA	Sonsecá Array	7.21	60	ePn	Pn	19 04 55.4	-0.1
ESLA	comp=Z,11nm,0.3s				eSn	19 06 05.5	-1.2
ESLA	Sonsecá Array	7.21	60	ePn	Pn	19 04 55.4	-0.1
ESLA	comp=Z,11nm,0.3s				S	19 04 53.6	-2.5
EFAM	Famara	7.25	190	P	Pn	19 06 08.5	-1.0
EFAM	comp=Z,78nm,0.2s,SNR=27				S	19 06 08.5	-1.0
EALB	Alboran	7.29	90	P	Pn	19 04 58.0	+1.4
EALB	comp=Z,12nm,0.1s,SNR=7.9				S	19 06 14.5	-4.9
EALB	Alboran	7.29	90	P	Pn	19 04 58.0	+1.4
EALB	comp=Z,369nm,0.3s,SNR=7.9				S	19 06 16.3	-3.8
EQES	Quesada	7.32	75	I	Pn	19 04 57.7	+0.7
EQES	comp=Z,99nm,0.2s,SNR=18				S	19 04 57.7	+0.7
EBER	Berja	7.38	83	P	Pn	19 04 59.0	+1.2
EBER	comp=Z,89nm,0.4s,SNR=69				S	19 06 18.7	-2.9
EBER	Berja	7.38	83	P	Pn	19 04 59.0	+1.2
EBER	comp=Z,126nm,0.4s,SNR=7.9				S	19 04 59.0	+1.2
EMEL	Melilla	7.44	95	P	Pn	19 05 00.7	+2.1
EMEL	comp=Z,89nm,0.4s,SNR=69				S	19 06 16.9	-6.1
EMEL	Melilla	7.44	95	P	Pn	19 05 00.7	+2.1
EMEL	comp=Z,126nm,0.2s,SNR=4.0				S	19 05 00.7	+2.1
MELI	Melilla	7.44	95	P	Pn	19 05 00.5	+1.6
MELI	comp=Z,126nm,0.2s,SNR=7.9				S	19 05 13.9	-1.0
MELI	Melilla	7.46	95	P	Pn	19 05 00.5	+1.6
MELI	comp=Z,126nm,0.2s,SNR=7.9				S	19 05 00.1	0.0
GUD	Guadarrama	7.55	53	P	Pn	19 06 19.5	-6.3
GUD	comp=Z,79nm,0.2s,SNR=330				S	19 06 23.0	-5.8
ZAI	Zaio	7.67	97	S	Sn	19 05 02.7	+0.6
EHUE	Huescar	7.70	76	P	Pn	19 06 24.9	-4.5
EHUE	comp=Z,48nm,0.3s,SNR=7.9				S	19 04 59.9	-3.6
CFUE	Fuenteventura	7.79	192	P	Pn	19 06 20.2	-1.2
CFUE	comp=Z,66nm,0.2s,SNR=7.9				S	19 05 06.1	+0.8
CFUE	Fuenteventura	7.79	192	P	Pn	19 06 20.2	-1.2
CFUE	comp=Z,72nm,0.2s,SNR=7.9				S	19 06 30.4	-4.7
ENIJ	Nijar	7.93	82	P	Pn	19 05 06.1	+0.8
ENIJ	comp=Z,554nm,0.3s,SNR=7.9				S	19 06 30.4	-4.7
ENIU	Vianos	7.93	70	P	Pn	19 05 05.6	+0.2
ENIU	comp=Z,72nm,0.6s,SNR=7.9				S	19 06 26.2	-1.0
EVIA					S	19 05 04.3	-1.5
EPON	Pontenova	7.96	27	P	Pn	19 05 04.3	-1.5
EPON	comp=Z,66nm,0.3s,SNR=7.9				S	19 05 26.2	-1.0
EPON	Pontenova	7.96	27	P	Pn	19 05 04.3	-1.5
EPON	comp=Z,121nm,0.3s,SNR=163				S	19 05 03.4	-3.6
CFTV	Fuenteventura	8.04	193	P	Pn	19 06 25.8	-1.2
CFTV	comp=Z,516nm,0.2s,SNR=7.9				S	19 06 00.3	+0.2
CFTV	Fuenteventura	8.04	193	P	Pn	19 06 25.8	-1.2
CFTV	comp=Z,41nm,0.4s,SNR=47				S	19 06 00.3	+0.2
EBAJ	Bajamar	8.54	206	P	Pn	19 05 08.7	-5.2
EBAJ	comp=Z,40nm,0.4s,SNR=7.9				S	19 06 36.5	-1.4
EBAJ	Bajamar	8.54	206	P	Pn	19 05 08.7	-5.2
EBAJ	comp=Z,150nm,0.6s,SNR=7.9				S	19 05 15.6	+0.3
ETOB	Tobara	8.66	71	P	Pn	19 05 15.6	+0.2
ETOB	comp=Z,81nm,0.2s,SNR=362				S	19 06 50.5	-2.5
ETOB	Tobara	8.66	71	P	Pn	19 05 15.6	+0.2
ETOB	comp=Z,81nm,0.2s,SNR=362				S	19 05 11.9	-4.3
EOSO	Osorio	8.72	201	P	Pn	19 06 42.2	-1.3
EOSO	comp=Z,27nm,0.3s,SNR=7.9				S	19 05 17.0	+0.4
EARI	Arriondas	8.75	35	P	Pn	19 06 48.1	-7.1
EARI	comp=Z,144nm,0.3s,SNR=7.9				S	19 05 17.2	+0.5
EARI	Arriondas	8.75	35	P	Pn	19 06 48.1	-7.1
EARI	comp=Z,21nm,0.3s,SNR=87				S	19 06 52.6	-3.0
EMUR	La Murta	8.76	77	P	Pn	19 05 17.2	+0.5
EMUR	comp=Z,275nm,0.4s,SNR=13				S	19 05 17.2	+0.5
EMUR	La Murta	8.76	77	P	Pn	19 05 17.2	+0.5
EMUR	comp=Z,27nm,0.2s,SNR=10				S	19 05 17.2	+0.4
CICO	lcod de los Vi	8.86	208	P	Pn	19 05 17.2	+0.4
CICO	comp=Z,2.7nm,0.2s,SNR=5.7				S	19 06 46.9	-1.1
CICO	lcod de los Vi	8.86	208	P	Pn	19 05 17.2	+0.4
CICO	comp=Z,2.7nm,0.2s,SNR=5.7				S	19 06 46.9	-1.1
CRAJ	Montana Rajada	8.89	207	P	Pn	19 05 14.7	-3.9
CRAJ	comp=Z,24nm,0.3s,SNR=5.6				S	19 06 46.6	-1.2
CRAJ	Montana Rajada	8.89	207	P	Pn	19 05 14.7	-3.9
CRAJ	comp=Z,2.7nm,0.2s,SNR=7.9				S	19 05 18.3	-0.7
CART	Cartagena	8.92	78	ePn	Pn	19 05 18.3	-0.7

CART	Cartagena	8.92	78	P	Pn	19 05 18.0	-1.0
CART					S	19 06 50.6	-9.0
CART	Cartagena	8.92	78	ePn	Pn	19 05 18.3	-0.7
CART	comp=Z,62nm,0.4s				Pn	19 05 18.0	-1.0
CCAN	Las Canadas	8.93	207	P	Pn	19 06 12.0	-7.2
CCAN	comp=Z,7.0nm,0.2s,SNR=26				S	19 06 44.7	-1.5
CHIO	Chio	8.99	208	P	Pn	19 05 15.7	-4.3
CHIO	comp=Z,9.7nm,0.4s				S	19 06 48.2	-1.3
CHIO	Chio	8.99	208	P	Pn	19 05 15.7	-4.3
CHIO	comp=Z,50nm,0.2s,SNR=11				S	19 06 48.2	-1.3
ETOR	Torredon	9.02	57	P	Pn	19 05 20.3	-0.1
ETOR	comp=Z,118nm,0.3s,SNR=6.4				S	19 05 20.3	-0.1
ETOR	Torredon	9.02	57	P	Pn	19 05 20.3	-0.1
ETOR	comp=Z,726nm,0.2s,SNR=667				S	19 06 54.2	-7.8
EHIG	Higuera	9.13	214	S	Sn	19 06 53.1	-1.1
EHIG	comp=Z,322nm,0.2s,SNR=5.3				S	19 06 53.1	-1.1
EHIG	Higuera	9.13	214	S	Sn	19 06 53.1	-1.1
EHIG	comp=Z,276nm,0.3s,SNR=7.9				S	19 05 19.3	-3.8
EGOM	La Gomera	9.22	210	P	Pn	19 05 19.3	-3.8
EGOM	comp=Z,2.7nm,0.2s,SNR=4.0				S	19 06 52.8	-1.4
EGOM	La Gomera	9.22	210	P	Pn	19 05 19.3	-3.8
EGOM	comp=Z,92nm,0.2s,SNR=6.3				S	19 05 25.3	+0.7
ECHE	Chera	9.34	66	P	Pn	19 05 27.2	-0.8
ECHE	comp=Z,54nm,0.3s,SNR=123				S	19 07 06.8	-8.8
ELAN	Lanestosa	9.58	41	P	Pn	19 05 27.2	-0.8
ELAN	comp=Z,26nm,0.3s,SNR=7.9				S	19 07 06.8	-8.8
ELAN	Lanestosa	9.58	41	P	Pn	19 05 27.2	-0.8
ELAN	comp=Z,26nm,0.3s,SNR=7.9				S	19 07 06.8	-8.8
ELAN	Lanestosa	9.58	41	P	Pn	19 05 27.2	-0.8
ELAN	comp=Z,26nm,0.3s,SNR=7.9				S	19 07 06.8	-8.8
ELEN	Beniará	9.68	72	P	Pn	19 05 29.5	+0.1
ELEN	comp=Z,137nm,0.3s,SNR=11				S	19 07 13.0	-5.2
ELEN	Beniará	9.68	72	P	Pn	19 05 29.5	+0.1
ELEN	comp=Z,29nm,0.3s,SNR=104				S	19 05 29.5	+0.1
CHIE	El Hierro	9.91	212	S	Sn	19 07 10.8	-1.3
CHIE	comp=Z,19nm,0.3s,SNR=6.2				S	19 07 34.3	-1.2
EMOS	Mosqueruela	9.95	62	P	Pn	19 05 34.3	-1.2
EMOS	comp=Z,134nm,0.6s,SNR=7.9				S	19 07 34.3	-1.2
EMOS	Mosqueruela	9.95	62	P	Pn	19 05 34.3	-1.2
EMOS	comp=Z,73nm,0.3s,SNR=6.5				S	19 05 34.3	-1.2
EMOS	Mosqueruela	9.95	62	P	Pn	19 05 34.3	-1.2
EMOS	comp=Z,134nm,0.6s,SNR=7.9				S	19 05 38.5	+0.1
EARA	Aranguez	10.24	48	P	Pn	19 05 38.5	+0.1
EARA	comp=Z,20nm,0.2s,SNR=20				S	19 07 27.0	-7.3
EARA	Aranguez	10.24	48	P	Pn	19 05 38.5	+0.1
EARA	comp=Z,153nm,0.3s,SNR=5.7				S	19 05 39.3	+0.4
IUNC	Unciti	10.38	48	I	Pn	19 05 39.3	+0.4
IUNC	comp=Z,24nm,0.2s,SNR=18				S	19 07 29.3	-6.0
IUNC	Unciti	10.38	48	I	Pn	19 05 39.3	+0.4
IUNC	comp=Z,24nm,0.2s,SNR=18				S	19 07 29.3	-6.0
IUSE	Ututei	10.46	47	P	Pn	19 05 40.4	+0.4
IUSE	comp=Z,87nm,0.2s,SNR=6.8				S	19 07 29.8	-7.5
IUSE							

comp=Z,3.7nm,0.4s,mb4.8,baz=51,slow=6.3,SNR=52					
MKAR Makanchi Array	59.99 308	P	P	21 43 11.9	-0.4
MKAR		P	P		
comp=Z,4.0nm,0.4s					
GYA Guiyang	60.07 276	P	P	21 43 13.8	+0.6
GYA		AP	pP	21 43 30.6	+3.6
GYA		PCP	pP	21 43 59.4	+0.7
GYA		PP	PP	21 45 29.3	+3.5
GYA		SCP	ScP	21 47 53.9	-1.4
GYA		S	S	21 51 20.2	-2.2
GYA		SCS	ScS	21 52 55.2	-4.2
GYA		AMB	AMB		
comp=Z,10.0nm,1.0s,mb4.8					
SCHO Schefferville	60.40 38	P	P	21 43 14.3	-0.7
SCHO		P	P	21 43 14.3	-0.7
comp=Z,3.3nm,0.7s,mb4.5,baz=327,slow=6.9,SNR=6.9					
BVAR Borovoye Array	60.92 320	P	P	21 43 18.1	-0.4
BVAR		P	P		
comp=Z,2.6nm,0.6s,baz=62,slow=2.3,SNR=7.4					
BVAR Borovoye Array	60.92 320	P	P	21 43 18.1	-0.5
BVAR		P	P	21 44 02.3	
BVAR		P	P	21 44 02.3	
comp=Z,2.0nm,0.4s					
BVAR		P	P		
comp=Z,3.0nm,0.6s					
BRVK Borovoye	60.94 320	eP	P	21 43 18.7	0.0
BRVK		P	P		
comp=Z,7.6nm,1.0s,mb4.8					
BRVK Borovoye	60.94 320	eP	P	21 43 18.7	0.0
BRVK		P	P		
comp=Z,8.0nm,1.0s,mb4.8					
MIAR Mount Ida	61.49 70	eP	P	21 43 22.5	-0.2
MIAR		e	pP	21 43 37.7	+1.1
MIAR		e	P	21 43 22.5	-0.2
MIAR		e	pP	21 43 37.7	+1.2
MIAR		e	P		
comp=Z,11nm,1.3s,mb4.8					
SVE Sverdlouk	61.68 327	eP	P	21 43 23.5	-0.1
SVE		P	P		
comp=Z,3.0nm,0.4s,mb4.8					
ARU Arti	62.69 328	dIP	P	21 43 29.8	-0.8
ARU		eS	S	21 44 07.0	
ARU		eS	S	21 51 56.7	+1.8
comp=Z,10.0nm,1.7s,mb4.7					
WCI Wyandotte Cave	63.09 62	eP	P	21 43 32.7	-0.6
WCI		P	P		
comp=Z,6.7nm,0.7s,mb4.9					
WCI Wyandotte Cave	63.09 62	eP	P	21 43 32.7	-0.6
WCI		P	P		
comp=Z,7.0nm,0.7s,mb4.6					
KMI Kunming	63.48 278	P	P	21 43 35.7	-0.5
KMI		AP	pP	21 43 53.5	+3.5
KMI		PP	PP	21 45 58.4	+2.5
KMI		S	S	21 52 01.8	-3.8
KMI		XS	SS	21 52 31.3	+2.5
KMI		SS	SS	21 56 12.9	0.0
KMI		AMB	AMB		
comp=Z,6.0nm,0.9s,mb4.7					
KMI		AMB	AMB		
comp=Z,9.0nm,4.8s					
KMI		LR	LR		
comp=N,208nm,22.2s,MS4.4					
KMI		LR	LR		
comp=E,221nm,21.5s,MS4.4					
KMI		LR	LR		
comp=Z,276nm,27.1s					
WVT Waverly	63.71 65	eP	P	21 43 37.1	-0.4
WVT		P	P		
comp=Z,3.1nm,0.8s,mb4.4					
WVT Waverly	63.71 65	eP	P	21 43 37.1	-0.4
WVT		P	P		
comp=Z,3.0nm,0.8s,mb4.4					
KLMR Klimovskoe	64.14 340	P	P	21 43 38.5	-1.4
KLMR		P	P		
comp=Z,2.4nm,1.5s,mb5.0					
KAF Kangasniemi	65.32 347	eP	P	21 43 46.5	-1.1
KAF		P	P		
comp=Z,2.9nm,0.4s,mb4.7					
KAF Kangasniemi	65.32 347	eP	P	21 43 46.5	-1.1
KAF		P	P		
comp=Z,3.0nm,0.4s,mb4.7					
FIA1 FINESS Array S	65.99 347	eP	P	21 43 50.8	-1.1
FIAS FINESS Array B	66.00 347	eP	P	21 43 51.0	-0.9
FINES		P	P		
comp=Z,5.3nm,0.6s,mb4.8,baz=12,slow=7.2,SNR=45					
FINES		LR	LR	22 19 43.0	
comp=Z,10.3nm,18.0s,MS4.1,baz=38,slow=42					
FINES FINESS Array B	66.00 347	iP	P	21 43 51.0	-0.9
FINES		P	P		
comp=Z,5.0nm,0.6s					
CPCT Cooper Cave	66.06 63	eP	P	21 43 52.6	-0.2
TKM2 Tokmak 2	66.07 309	eP	P	21 43 53.4	+0.6
TKM2		P	P		
comp=Z,2.5nm,0.8s,mb4.3					
TKM2 Tokmak 2	66.07 309	eP	P	21 43 53.4	+0.6
TKM2		P	P		
comp=Z,3.0nm,0.8s,mb4.4					
TKL Tuckaleechee C	66.33 62	eP	P	21 43 54.5	0.0
AAK Ala-Archa	66.83 310	eP	P	21 43 57.7	+0.1
AAK		P	P		
comp=Z,1.2nm,0.6s,mb4.5					
AAK Ala-Archa	66.83 310	eP	P	21 43 58.1	+0.5
AAK		P	P		
comp=Z,4.4nm,0.4s,mb4.9,baz=179,slow=4.2,SNR=12					
AAK Ala-Archa	66.83 310	P	P	21 43 58.1	+0.5
AAK		P	P		
comp=Z,4.0nm,0.4s,mb4.8					
UCH Uchtor	67.12 309	eP	P	21 44 01.0	+1.5
UCH		P	P		
comp=Z,5.7nm,1.0s,mb4.6					
EKS2 Erkin-Say	67.15 310	eP	P	21 43 59.0	-0.6
EKS2		P	P		
comp=Z,1.3nm,0.9s,mb5.0					
LSA Lsha	67.27 289	eP	P	21 44 02.1	+1.5
LSA		P	P		
comp=Z,4.5nm,0.7s,mb4.6					
LSA Lsha	67.27 289	eP	P	21 44 02.1	+1.5
LSA		P	P		
comp=Z,5.0nm,0.7s,mb4.7					
AML Almayush	67.59 310	eP	P	21 44 03.7	+1.2
AML		P	P		
comp=Z,6.5nm,1.0s,mb4.6					
AKTK Aktyubinsk	67.75 324	eP	P	21 44 02.9	-0.4
AKTO Aktyubinsk	67.75 324	eP	P	21 44 02.9	-0.4
AKTO		P	P		
comp=Z,2.0nm,0.5s,mb4.4					
AKTO Aktyubinsk	67.75 324	P	P	21 44 02.9	-0.4
AKTO		P	P		
comp=Z,2.0nm,0.5s,mb4.4					
NB2 NORRAR Subarra	67.90 355	eP	P	21 44 03.6	-0.4
NB2		P	P		
comp=Z,1.2nm,0.6s,mb4.5,baz=8,slow=6.9					
NOA NORRAR Array B	67.90 355	P	P	21 44 03.6	-0.5
NOA		P	P		
comp=Z,1.9nm,0.5s,mb4.4,baz=7,slow=6.5,SNR=13					
NOA NORRAR Array B	67.90 355	P	P	21 44 03.6	-0.4
NOA		P	P		
comp=Z,2.0nm,0.5s					
KSH Kashi	68.44 306	eP	P	21 44 09.1	+1.3
KSH		eAP	pP	21 44 25.1	+3.3
KSH		ePCP	pP	21 44 35.3	+2.4
KSH		AMB	AMB		
comp=Z,7.5nm,1.2s,mb5.6					
KSH		AMB	AMB		
comp=Z,4.18nm,5.6s					
KSH		LR	LR		
comp=Z,1.95nm,4.5s					
VSU Vasula	68.75 346	dIP	P	21 44 08.8	-0.6
OBN Obninsk	70.03 339	iP	P	21 44 17.1	-0.3
OBN		e	P	21 44 24.7	
OBN		P	P		
comp=Z,4.7nm,1.6s,mb5.2					
TAPN Tapeljung	71.04 290	eP	P	21 44 24.8	+0.8
ODAN Odare	71.59 290	eP	P	21 44 27.8	+0.5
ODAN		P	P		
comp=Z,8.5nm,0.5s,mb5.0					
GUN Gumba	71.70 292	eP	P	21 44 28.9	+1.0
GUN		P	P		
comp=Z,7.0nm,0.4s,mb5.9					
JIRN Jiri	71.70 291	eP	P	21 44 29.2	+1.2
JIRN		P	P		
comp=Z,2.8nm,0.4s,mb5.5					
RAMN Ramite	71.99 291	eP	P	21 44 30.3	+0.6
RAMN		P	P		
comp=Z,3.7nm,0.5s,mb4.5					
KKN Kakani	72.14 292	eP	P	21 44 31.4	+0.8
KKN		P	P		
comp=Z,2.6nm,0.6s,mb5.4					
PKI Pulchoki	72.23 292	eP	P	21 44 31.8	+0.7
PKI		P	P		
comp=Z,1.3nm,0.5s,mb5.0					
PKIN Phulchoki	72.23 292	eP	P	21 44 31.5	+0.4
PKIN		P	P		
comp=Z,1.3nm,0.5s,mb5.1					
DMN Daman	72.38 292	eP	P	21 44 32.5	+0.5
DANN Dangsing	72.60 294	eP	P	21 44 34.2	+0.9
DANN		P	P		
comp=Z,3.5nm,0.8s,mb5.4					
SUW Suwalki	73.59 346	eP	P	21 44 34.0	-4.7
SUW		e	P	21 45 49.2	
SUW		e	P	21 44 34.0	-4.7
SUW		e	P	21 45 49.2	
BSEG Bad Segeberg	75.03 354	eP	P	21 44 47.3	+0.2
BSEG		P	P		

BSEG Bad Segeberg	75.03 354	eP	P	21 44 47.3	+0.2
BSEG		P	P		
comp=Z,1.6nm,0.9s,mb5.0					
AKASA Main Array Be	75.73 342	P	P	21 44 50.6	-0.6
AKASA		P	P		
comp=Z,1.6nm,0.4s					
AKASG Main Array Be	75.73 342	P	P	21 44 50.6	-0.6
AKASG		P	P		
comp=Z,1.6nm,0.4s					
KIEV Kiev	75.74 342	eP	P	21 44 50.5	-0.7
KIEV		P	P		
comp=Z,2.8nm,0.4s,mb5.5					
KIEV Kiev	75.74 342	eP	P	21 44 50.5	-0.7
KIEV		P	P		
comp=Z,2.8nm,0.4s,mb5.5					
KBL Kabul	75.79 308	eP	P	21 44 51.5	-0.2
KBL		P	P		
comp=Z,2.2nm,0.9s,mb4.5					
NRDL Niedersach Re	76.48 354	eP	P	21 44 55.5	+0.1
NRDL		P	P		
comp=Z,3.4nm,1.9s,mb5.0					
IBBN Ibbenburg	76.80 356	eP	P	21 44 57.5	+0.3
IBBN		P	P		
comp=Z,3.1nm,1.2s,mb5.1					
CLZ Clausthal	77.11 354	eP	P	21 44 59.2	+0.2
CLZ		P	P		
comp=Z,1.6nm,1.1s,mb4.9					
CLZ Clausthal	77.11 354	eP	P	21 44 59.2	+0.2
CLZ		P	P		
comp=Z,1.6nm,1.1s,mb4.9					
CLL Colim	77.44 352	iP	P	21 45 00.2	-0.6
CLL		P	P		
comp=Z,4.0nm,0.8s,mb4.4					
CLL Colim	77.44 352	eP	P	21 45 00.1	-0.7
CLL		P	P		
comp=Z,4.0nm,0.8s,mb4.4					
CLL Colim	77.44 352	iP	P	21 45 00.2	-0.6
CLL		P	P		
comp=Z,4.0nm,0.8s,mb4.4					
LVV L'vov	77.52 345	eP	P	21 45 00.7	-0.6
OJC Ojcow	77.76 348	eP	P	21 45 02.8	+0.2
OJC		P	P		
comp=Z,7.0nm,1.3s,mb4.4					
BRG Bergsiesshubel	77.79 351	eP	P	21 45 02.2	-0.6
BRG		P	P		
comp=Z,7.0nm,1.3s,mb4.4					
BRG Bergsiesshubel	77.79 351	eP	P	21 45 02.4	-0.4
BRG		P	P		
comp=Z,3.8nm,0.7s,mb4.5					
FBE Freiberg	77.80 352	eP	P	21 45 03.1	+0.3
FBE		P	P		
comp=Z,10.0nm,1.2s,mb4.6					
KWP Kalwaria	77.91 346	eP	P	21 45 04.0	+0.6
KWP		P	P		
comp=Z,10.0nm,1.3s,mb4.6					
KWP Kalwaria	77.91 346	eP	P	21 45 04.1	+0.6
KWP		P	P		
comp=Z,10.0nm,1.3s,mb4.6					
KWP Kalwaria	77.91 346	iP	P	21 45 04.0	+0.5
KWP		P	P		
comp=Z,10.0nm,1.3s,mb4.6					
UPC Uprze	77.94 350	eP	P	21 45 03.2	-0.4
UPC		P	P		
comp=Z,10.0nm,1.3s,mb4.6					
DPC Dobruska-Polom	78.06 350	eP	P	21 45 04.2	-0.1
DPC					

1d 21h

Table with columns: MAW, Mawson, 146.09 217, PKP2, PKPab, 21 52 43.6 -1.4, etc.

BUI 01 21:34:16.8, 5145N:17959W, h12km, mb5.0, mb4.8, Ms4.5, Ms4.4
MOS 01 21:34:18.5, 0.9, 5098N:17929W, h33km, mb5.0/59, Error ellipse: s-maj=11.7km s-min=5.5km az=87.3
ISCJB 01 21:34:18.5, 0.9, 5092N:007.7, 17919W, 0.04, h35km, 7km, mb4.7/103, MS4.2/6, Error ellipse: s-maj=11.1km s-min=4.4km az=3.8
IDC 01 21:34:20.9, 4.6, 51.10N:17923W, h40km, 40km, mb4.3/20, mb1.4/22, mb1mx4.3/28, mbmp4.3/22, ML4.9/1, MS3.8/4, Ms1.3.8/4, ms1mx3.4/34, Error ellipse: s-maj=22.4km s-min=14.4km az=163.0
NEIC 01 21:34:20.4, 0.9, 5087N:179.19W, h42km, 6km, 6/4, 7/69, ML4.3(AEIC), Error ellipse: s-maj=8.5km s-min=4.2km az=191.0
SZGRF 01 21:34:34.2, 5294N:17692E, h33km, mb4.8, Fat Islands, Aleutian Islands, United States
ISC 01 21:34:20.5, 0.8, 5096N:007.7, 17922W, 0.04, h38km, 6km, n297, r092/291, mb4.7/103, MS4.2/6, 9C-1D, Andreanof Islands

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like AMKA, ADK, NIKO, etc.

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Main table with columns: PV10, WUAZ, Paradox Valley, 49.65 76 eP, P, 21 43 09.2 +1.0, etc.

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Main table with columns: VSU, VASULA, 68.90 346f eP, P, 21 45 19.7 -1.1, etc.

FUR	Furstenfeldbru	80.85 353	eP	P	21 46 30.0	0.0
FUR	comp=Z,24nm,1.3s,mb5.0					
FUR	Furstenfeldbru	80.85 353	eP	P	21 46 30.0	0.0
FUR	comp=Z,23nm,1.3s,mb4.8					
CFD	Champ du Feu	80.86 356	eP	P	21 46 30.0	0.0
CFD	comp=Z,7.5nm,0.8s,mb4.3					
CFD	Champ du Feu	80.86 356	eP	P	21 46 30.0	0.0
CFD	comp=Z,3.8nm,0.8s,mb4.8					
CFD	Champ du Feu	80.86 356	eP	P	21 46 30.0	0.0
CFD	comp=Z,4.0nm,0.8s,mb4.8					
MEZF	Maizieres J'vi	80.86 357	eP	P	21 46 30.3	+0.3
MEZF	comp=Z,23nm,1.0s,mb5.1					
MEZF	Maizieres J'vi	80.86 357	eP	P	21 46 30.3	+0.3
MEZF	comp=Z,23nm,1.0s,mb5.1					
GRR	Gorron	81.03	1 eP	P	21 46 30.9	0.0
GRR	comp=Z,20nm,0.8s,mb4.6					
GRR	Gorron	81.03	1 eP	P	21 46 30.9	0.0
GRR	comp=Z,10nm,0.8s,mb4.8					
GRR	Gorron	81.03	1 eP	P	21 46 30.9	0.0
GRR	comp=Z,10nm,0.8s,mb4.8					
ROR	Rostrenen	81.03	3 eP	P	21 46 31.1	+0.1
ROR	comp=Z,21nm,1.0s,mb4.9					
SGMF	Saint Gilles	81.13	2 eP	P	21 46 31.5	0.0
SGMF	comp=Z,21nm,0.7s,mb4.9					
SGMF	Saint Gilles	81.13	2 eP	P	21 46 31.5	0.0
SGMF	comp=Z,21nm,0.7s,mb4.9					
SGMF	Saint Gilles	81.13	2 eP	P	21 46 31.5	0.0
SGMF	comp=Z,10nm,0.8s,mb4.8					
HAU	Haudompre	81.30 356	eP	P	21 46 32.3	-0.1
HAU	comp=Z,23nm,1.1s,mb4.8					
HAU	Haudompre	81.30 356	eP	P	21 46 32.3	-0.1
HAU	comp=Z,14nm,1.1s,mb4.8					
HAU	Haudompre	81.30 356	eP	P	21 46 32.3	-0.1
HAU	comp=Z,14nm,1.1s,mb4.8					
QUIF	Quistinic	81.45	3 eP	P	21 46 33.1	-0.1
QUIF	comp=Z,9.2nm,1.0s,mb4.4					
HINF	Hinterfeld	81.47 356	eP	P	21 46 32.9	-0.4
HINF	comp=Z,9.2nm,1.0s,mb4.4					
HINF	Hinterfeld	81.47 356	eP	P	21 46 32.9	-0.4
HINF	comp=Z,4.6nm,1.0s,mb4.4					
HINF	Hinterfeld	81.47 356	eP	P	21 46 32.9	-0.4
HINF	comp=Z,5.0nm,1.0s,mb4.4					
WRAB	Tennant Creek	81.51 224	eP	P	21 46 34.0	+0.3
WRAB	comp=Z,7.6nm,1.2s,mb4.5					
WRAB	Tennant Creek	81.51 224	eP	P	21 46 34.0	+0.3
WRAB	comp=Z,8.0nm,1.2s,mb4.5					
WRA	Warramunga Arr	81.53 224	P	P	21 46 33.2	-0.6
WRA	comp=Z,1.0nm,0.7s,mb3.9,baz=32,slow=5.9,SNR=3.6					
WRA	Warramunga Arr	81.53 224	P	P	21 46 33.2	-0.6
WRA	comp=Z,1.0nm,0.7s,mb3.9,baz=32,slow=5.9,SNR=3.6					
PERS	Pernice	82.00 350	eP	P	21 46 36.4	+0.3
PERS	comp=Z,14nm,1.0s,mb4.8					
LOR	Lormes	82.12 358	eP	P	21 46 36.7	-0.1
LOR	comp=Z,11nm,1.0s,mb4.4					
LOR	Lormes	82.12 358	eP	P	21 46 36.7	-0.1
LOR	comp=Z,5.4nm,1.0s,mb4.8					
LOR	Lormes	82.12 358	eP	P	21 46 36.7	-0.1
LOR	comp=Z,5.4nm,1.0s,mb4.8					
HYF	Humbligny	82.14 359	eP	P	21 46 37.4	+0.5
HYF	comp=Z,14nm,1.0s,mb4.5					
SSF	Saint Saige	82.14 358	eP	P	21 46 37.9	0.0
SSF	comp=Z,14nm,1.0s,mb4.5					
SSF	Saint Saige	82.14 358	eP	P	21 46 37.9	0.0
SSF	comp=Z,6.8nm,1.0s,mb4.5					
SSF	Saint Saige	82.14 358	eP	P	21 46 37.9	0.0
SSF	comp=Z,7.0nm,1.0s,mb4.5					
AVF	Avril sur Loir	82.61 358	eP	P	21 46 39.3	0.0
AVF	comp=Z,1.5nm,1.0s,mb4.7					
AVF	Avril sur Loir	82.61 358	eP	P	21 46 39.3	0.0
AVF	comp=Z,1.5nm,1.0s,mb4.7					
AVF	Avril sur Loir	82.61 358	eP	P	21 46 39.3	0.0
AVF	comp=Z,1.5nm,1.0s,mb4.7					
CABF	La Chapelle	82.71 356	eP	P	21 46 40.2	+0.4
CABF	comp=Z,23nm,1.1s,mb4.8					
CABF	La Chapelle	82.71 356	eP	P	21 46 40.2	+0.4
CABF	comp=Z,11nm,1.1s,mb4.8					
CABF	La Chapelle	82.71 356	eP	P	21 46 40.2	+0.4
CABF	comp=Z,11nm,1.1s,mb4.8					
SMF	Signal de Mont	82.74 358	eP	P	21 46 40.0	0.0
SMF	comp=Z,11nm,1.1s,mb4.8					
SMF	Signal de Mont	82.74 358	eP	P	21 46 40.0	0.0
SMF	comp=Z,11nm,1.1s,mb4.8					
SMF	Signal de Mont	82.74 358	eP	P	21 46 40.0	0.0
SMF	comp=Z,9.3nm,0.9s,mb4.8					
SMF	Signal de Mont	82.74 358	eP	P	21 46 40.0	0.0
SMF	comp=Z,9.3nm,0.9s,mb4.8					
MFF	Saint Martin d	82.82	1 eP	P	21 46 40.6	+0.2
MFF	comp=Z,9.0nm,0.9s,mb4.8					
BGF	Bois d'Angland	82.85 359	eP	P	21 46 40.6	0.0
BGF	comp=Z,23nm,1.0s,mb5.0					
BGF	Bois d'Angland	82.85 359	eP	P	21 46 40.6	0.0
BGF	comp=Z,14nm,1.0s,mb5.0					
BGF	Bois d'Angland	82.85 359	eP	P	21 46 40.6	0.0
BGF	comp=Z,14nm,1.0s,mb5.0					
BOUS	Bojanci	83.13 350	eP	P	21 46 41.7	-0.2
BOUS	comp=Z,14nm,1.0s,mb5.0					
TCF	Touix Ste Croi	83.13 359	eP	P	21 46 41.9	-0.1
TCF	comp=Z,14nm,1.0s,mb4.8					
LPG	La Plagne	84.00 232	eP	P	21 46 46.9	+1.5
LPG	comp=Z,9.3nm,0.9s,mb4.8					
FITZ	Fitzroy Crossi	84.00 232	eP	P	21 46 47.2	+0.6
FITZ	comp=Z,9.4nm,0.8s,mb5.0					
FITZ	Fitzroy Crossi	84.00 232	eP	P	21 46 47.2	+0.6
FITZ	comp=Z,1.0nm,0.8s,mb4.8					
FITZ	Fitzroy Crossi	84.00 232	eP	P	21 46 47.1	+0.4
FITZ	comp=Z,6.1nm,0.8s,mb4.8,baz=81,slow=0.9,SNR=7.4					
FITZ	Fitzroy Crossi	84.00 232	eP	P	21 46 47.1	+0.4
FITZ	comp=Z,6.1nm,0.8s,mb4.8,baz=81,slow=0.9,SNR=7.4					
ORIF	Oris-en-Rattie	84.41 356	eP	P	21 46 49.5	+0.9
ORIF	comp=Z,6.7nm,21.2s,MS4.0,baz=28,slow=32					
ORIF	Oris-en-Rattie	84.41 356	eP	P	21 46 49.5	+0.9
ORIF	comp=Z,8.9nm,0.9s,mb4.6					
ORIF	Oris-en-Rattie	84.41 356	eP	P	21 46 49.5	+0.9
ORIF	comp=Z,4.4nm,0.9s,mb4.6					
ORIF	Oris-en-Rattie	84.41 356	eP	P	21 46 49.5	+0.9
ORIF	comp=Z,4.4nm,0.9s,mb4.6					
LFF	La Frestale	84.49	0 eP	P	21 46 49.2	+0.2
LFF	comp=Z,10nm,0.9s,mb4.8					
CAF	Calviac	84.49 359	eP	P	21 46 49.4	+0.4
CAF	comp=Z,10nm,0.9s,mb4.8					
CAF	Calviac	84.49 359	eP	P	21 46 49.4	+0.4
CAF	comp=Z,5.2nm,0.9s,mb4.7					
CAF	Calviac	84.49 359	eP	P	21 46 49.4	+0.4
CAF	comp=Z,5.2nm,0.9s,mb4.7					
VIVF	Saint-Julien-l	84.51 357	eP	P	21 46 49.6	+0.5
VIVF	comp=Z,5.0nm,0.9s,mb4.6					
MBDF	Montbardon	84.56 356	eP	P	21 46 50.1	+0.8
MBDF	comp=Z,14nm,0.9s,mb4.8					
MBDF	Montbardon	84.56 356	eP	P	21 46 50.1	+0.8
MBDF	comp=Z,14nm,0.9s,mb4.8					
MBDF	Montbardon	84.56 356	eP	P	21 46 50.1	+0.8
MBDF	comp=Z,14nm,0.9s,mb4.8					
ASAR	Alice Springs	85.00 222	P	P	21 46 52.1	+0.5
ASAR	comp=Z,13nm,0.7s,mb3.2,slow=4.4,SNR=4.5					
ASAR	Alice Springs	85.00 222	P	P	21 46 52.2	+0.6
ASAR	comp=Z,13nm,0.7s,mb3.2,slow=4.4,SNR=4.5					
SMRF	Simiane la Ro	85.36 357	eP	P	21 46 54.3	+0.9
SMRF	comp=Z,1.0nm,0.7s					
SMRF	Simiane la Ro	85.36 357	eP	P	21 46 54.3	+0.9
SMRF	comp=Z,8.9nm,0.8s,mb4.7					
SBF	Sospel	85.39 355	eP	P	21 46 53.5	0.0
SBF	comp=Z,8.9nm,0.8s,mb5.0					
SBF	Sospel	85.39 355	eP	P	21 46 53.5	0.0
SBF	comp=Z,26nm,0.9s,mb4.8					
SBF	Sospel	85.39 355	eP	P	21 46 53.5	0.0
SBF	comp=Z,13nm,0.9s,mb5.0					
SBF	Sospel	85.39 355	eP	P	21 46 53.5	0.0
SBF	comp=Z,13nm,0.9s,mb5.0					
FRF	La Foret Royal	85.73 356	eP	P	21 46 55.1	-0.1
FRF	comp=Z,13nm,0.9s,mb4.8					
FRF	La Foret Royal	85.73 356	eP	P	21 46 55.1	-0.1
FRF	comp=Z,13nm,0.9s,mb4.8					
FRF	La Foret Royal	85.73 356	eP	P	21 46 55.1	-0.1
FRF	comp=Z,13nm,0.9s,mb4.8					
LMR	La Moure	85.96 356	eP	P	21 46 56.5	+0.1
LMR	comp=Z,7.0nm,0.9s,mb4.9					
LMR	La Moure	85.96 356	eP	P	21 46 56.5	+0.1
LMR	comp=Z,1.1nm,0.9s,mb4.8					
LMR	La Moure	85.96 356	eP	P	21 46 56.5	+0.1
LMR	comp=Z,5.4nm,0.9s,mb4.8					
LMR	La Moure	85.96 356	eP	P	21 46 56.5	+0.1
LMR	comp=Z,5.4nm,0.9s,mb4.8					
MTLF	Montlieu	86.08 359	eP	P	21 46 57.3	+0.4
MTLF	comp=Z,14nm,1.1s,mb4.8					

MTLF	Montlieu	86.08 359	eP	P	21 46 57.3	+0.4
MTLF	comp=Z,6.8nm,1.1s,mb4.8					
MTLF	Montlieu	86.08 359	eP	P	21 46 57.3	+0.4
MTLF	comp=Z,6.8nm,1.1s,mb4.8					
EPF	Esparrros	86.39	0 eP	P	21 46 58.8	+0.3
EPF	comp=Z,7.0nm,1.1s,mb4.9					
ETSF	Etsaut	86.52	1 eP	P	21 46 59.7	+0.6
ETSF	comp=Z,14nm,0.9s,mb4.9					
ETSF	Etsaut	86.52	1 eP	P	21 46 59.7	

1d 23h

Table with columns: Station Name, Frequency, Bandwidth, Modulation, Power, SNR, and other technical details. Includes stations like CN2, MDJ, LSA, LSA, LSA, etc.

2007 JUL

Table with columns: SVE, Frequency, Bandwidth, Modulation, Power, SNR, and other technical details. Includes stations like AKTK, AKTO, ARU, ARU, etc.

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Table with columns: Station Name, Frequency, Bandwidth, Modulation, Power, SNR, and other technical details. Includes stations like WMOK, ACCSO, SDV, etc.

NEIC 01 22:03:17.1, 3748S; 17645E, h223km, MG3.7(WEL), After WEL

WEL 01 22:03:16.5±1.9, 3739S; 17621E, h215km, 13km, ML3.7/11, Error ellipse: s-maj=13.4km s-min=11.7km az=0.0,

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

CSEM 01 22:05:55.5, 4239N; 4792E, h10km, mb3.8, Error ellipse: s-maj=83.5km s-min=27.9km az=204.0, After OBN

MOS 01 22:05:55.5±1.5, 4239N; 4792E, h10km, mb3.8/1.1, Error ellipse: s-maj=83.5km s-min=27.9km az=110.4, Eastern

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

DDA 12:23:02:07.9, 3781N; 3568E, h7km, 7km, Md3.6

ISCSJB 01 23:02:10.7±0.4, 3748N; 002:3571E±0.03, h19km, 4km, Error ellipse: s-maj=4.0km s-min=3.4km az=156.1

CSEM 01 23:02:10.4±0.1, 3745N; 3570E, h20km, MD3.7, Error ellipse: s-maj=1.6km s-min=1.3km az=38.0

NSSC 01 23:02:10.2, 3754N; 3564E, h25km, 8km

ISK 01 23:02:10.2, 3745N; 3569E, h18km, MD3.7, ML3.5

ISK 01 23:02:11.1±0.5, 3746N; 002:3572E±0.03, h14km, 3km, n51,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOZT, KOZT, KOZT, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like CORM Corum, TOKT Tokat, PTX Pertek, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

ATH 01 23:33:00.8, 39.90N-2023E, h20km, 3km, MD3.1/4
ISCJB 01 23:33:01.1, 0.7, 39.28N, 003.2025E, 0.07, h10km, Error ellipse: s-maj=7.7km s-min=4.4km az=158.5

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like KEK Kerkira, JAN Janina, SAR Sarande, etc.

ISC 01 23:33:01.6, 0.8, 39.28N, 004.2026E, 0.07, h5km, 1.1km, n10, r12/16, Greece-Albania border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 01 23:45:24.9, 0.4, 55.53S-28.06W, h0km, mb4.8/15, mb1.4/8.16, mb1mx4.8/21, mb2tmp4.8/16, ML4.9/1, MS4.2/18, Ms1.4/2.10, ms1.0/2.24, Error ellipse: s-maj=16.5km s-min=14.5km az=57.0

ISCJB 01 23:45:24.8, 0.3, 55.53S-28.06W, 0.09, h10km, mb5.1/32, MS4.4/21, Error ellipse: s-maj=8.7km s-min=7.1km az=36.1

GCMT 01 23:45:28.3, 0.2, 55.28S-28.07W, h16km, MW5.2/67, Moment Tensor Solution, s49,c80; s67,c119; Duration: 0 Moment tensor: Scale 10^16Nm; Mr6.40±.23; Mw=4.10±.18; Mw=2.30±.16; Mw=0.45±.50; Mw=4.09±.11; Mw=0.97±.47; Best double couple: Mo:6.980000/1016 NP1:124.00000/-0.4/0.00000/-1.83.00000/- NP2: 65.14.00000/-0.45.00000/-1.95.00000/- Principal axes: T 6.5000, P168.04.0000, Az127.0.0000, N 0.9470, P15.0000, Azm129.0000, P 7.4540, P14.0.0000, Azm39.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUJ 01 23:45:28.2, 55.30S-28.10W, h21km, mb5.2, Ms5.3, Msz5.0
NEIC 01 23:45:28.2, 55.31S-28.07W, h21km, 17km, mb5.2/24, Error ellipse: s-maj=7.4km s-min=6.1km az=206.0

MOS 01 23:45:28.8, 1.3, 55.36S-28.10W, h33km, mb5.3/12, Error ellipse: s-maj=21.4km s-min=11.9km az=102.6

ISC 01 23:45:26.0, 0.3, 55.53S-28.06W, 0.09, h10km, n151, r0586/55, mb5.1/31, MS4.4/20, 4C-2D, South Hand Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like EFI East Falkland, PMSA Palmer Station, PMSA Palmer Station, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, LCO Las Campanas, SUR Sutherland, MAW Mawson, BDFB BDFB, LVC Limon Verde, BOSA Boshof, SBA Scott Base, VVDA Vanda, LBTB Lobatse, LPAZ La Paz, TSUM Tsumeb, MIRA Mirny, CARY Arequipa, CANS Nana, LSZ Lusaka, LIC Lambeck, KIC Kisan Boka, TIC Ticomani, DBIC Dimbokro, ABPO Amboponam, OTAV Otavalo, ROSC El Rosal, TORD Torodi Arr, SDV Santo Domingo, RPZ Rata Peaks, SJG San Juan, URZ Urewera, DGAR Diego Garcia, MDT Midelt, TEIG Tepich, STKA Stephens Creek, KEST Kesra, ESDC Escondido, ASAR Asara, WRAP Tennant Creek, CLL Collin, PMSA Palmer Station, PMSA Palmer Station, USHA Ushuaia, MAIT Maitri, TRQA Torquait, PLCA Paso Flores, PLCA Paso Flores, SYOW Syowa Base, QSPA South Pole Qui, QSPA South Pole Qui, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, MCMT McKenzie Canyon, WGOR Wild Horse Wall, FINES Finess Array B, KAF Kangasniemi, KAF Kangasniemi.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like LHEM Herd Peak, YBH Yreka Blue Hor, KROB Red Mountain, JOF Joensuu, IRO Indian Ridge, CROR Criterion Ridge, KLMR Klimovskoe, EBG Ellensborg, EDM Edmont, HTW Haystack Looko, AML Almayashu, CMW Curtus Mountai, EKS2 Ekin-Say, UCH Uchter, AAK Ala-Archa, KZA Kyzyl, ARCES ARCESS Array B, USP Oesperka, TKMZ Tokmak 2, LVZ Lovozero, ARU Arti, SVE Sverdllovsk, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, BVAR Borovoye Array, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, GYA Gya, GYA Gya, GYA Gya, GYA Gya, GYA Gya, RES Resolute Bay, MKAR Makanchi Array, CD2 Chengdu, DLBC Dease Lake, NVS Novosibirsk, NVS Novosibirsk, LZH Lanzhou, GAOTI Gaotai, ZALV Zalesovo, ZAAO Zalesovo Array, ZALV Zalesovo Array, XAN Xi'an, INK Inuvik, INK Inuvik, INK Inuvik, BMR Bremner River, KRS Krasnoyarsk, DIV Divide, BTO Baotou, COLA College, SLKM Skliak Lake, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, MCK McKinley, NOB Norsar Subararato 12, MOY Mondy, KDAK Kodiak Island, ZAK Zakamensk, SONM Songoing Array, TLY Talaya, TLY Talaya, IMA2 Indian Mountain, SVW2 Sparrevohn, TTA Tatalina, KSA Korea Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA2 Neumayer-Watz, SNAH Sanae, PLCA Paso Flores, QSPA South Pole Qui, CPUP Villa Florida, CPUP Villa Florida, BOSA Boshof, VNA2 Vanda, VNA2 Vanda, LAPZ La Paz, LAPZ La Paz, TOAD Torodi Arr. Sea, TOAD Torodi Arr. Sea, TOAD Torodi Arr. Sea, FINES FINESS Array B, ARCES ARCES Array B, SONM Songoing Array.

ISCJB 02 00:08:46.9.0.5, 5531S:008-280W.02, h10km, mb4.4/2, Error ellipse: s-maj=12.9km s-min=11.1km az=151.3, ID 02 00:08:47.3.0.6, 5527S:280E2W, h0km, mb4.5/11, mb1 4.5/12, mb1mx4.4/19, mbmp4.5/12, ML4.2/1, MS3.7/1, Ms1 3.9/1, ms1mx3.2/19, Error ellipse: s-maj=18.7km s-min=15.2km az=63.0, NEIC 02 00:08:48.8.0.3, 5529S:280E2W, h10km, mb4.7/4, Error ellipse: s-maj=9.1km s-min=7.9km az=61.0, ISC 02 00:08:48.9.0.5, 5531S:008-280W.02, h10km, n25, #05618, mb4.4/11, South Sandwich Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAH Sanae, PMSA Palmer Station, QSPA South Pole Qui, CPUP Villa Florida, CFAA Coronel Fontan, SUR Sutherland, MAW Mawson, BDFB Brasilia, LVC Limon Varadero, BOSA Boshof, VNA2 Vanda, VNA2 Vanda, LAPZ La Paz, LAPZ La Paz, LAPZ La Paz, LAPZ La Paz, LAPZ La Paz, DBIC Dimbokro, TOAD Torodi Arr. Sea, TOAD Torodi Arr. Sea, ASAR Alice Springs, FINES FINESS Array B, ARCES ARCES Array B, YKA Yellowknife Arr, MKAR Makanchi Array, ZALV Zalesov Array, SONM Songoing Array.

ISCJB 02 00:11:10.2.1.0, 5565S:01-280W.03, h10km, mb4.0/4, Error ellipse: s-maj=27.0km s-min=17.1km az=159.7, ID 02 00:11:10.1.1.2, 5554S:278W, h0km, mb4.0/3, mb1 4.1/5, mb1mx3.9/18, mbmp4.1/5, ML4.6/2, Error ellipse: s-maj=32.8km s-min=28.7km az=61.0, NEIC 02 00:11:11.9.0.9, 5549S:279W, h10km, mb3.9/2, Error ellipse: s-maj=26.7km s-min=18.1km az=74.0, ISC 02 00:11:12.1.0.1, 5565S:01-281W.03, h10km, n9, #134/8, mb4.0/4, South Sandwich Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAH Sanae, PMSA Palmer Station, CPUP Villa Florida, VNA2 Vanda, LAPZ La Paz, LAPZ La Paz, TOAD Torodi Arr. Sea, TOAD Torodi Arr. Sea, FINES FINESS Array B, KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 02 00:16:21.0.4.3, 277S:14010E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/13, mbmp3.7/3, ML3.9/1, Error ellipse: s-maj=161.4km s-min=31.2km az=89.0, ISCJB 02 00:16:25.1.2.6, 28S:02-139E.05, h33km, mb3.4/2, Error ellipse: s-maj=77.6km s-min=22.3km az=2.9, ISC 02 00:16:26.6.2.7, 28S:02-1400E.05, h35km, n5, #09215, mb3.5/2, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

NEIC 02 00:18:33.7, 1534N-9598W, h4km, MD3.7(MEX), After MEX, MEX 02 00:18:33.5.0.8, 1532N-9599W, h4km, 7km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

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

IDC 02 00:46:39.9.0.2, 2702S-7235E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/21, mbmp3.8/8, MS4.2/2, Ms1 4.1/2, ms1mx3.4/32, Error ellipse: s-maj=27.8km s-min=23.0km az=44.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO Ambohitratompo, MAW Mawson, ASAR Alice Springs, WRA Warramunga Arr, STKA Stephens Creek, QSPA South Pole Qui, VNA2 Vanda, MKAR Makanchi Array, TORO Torodi Arr. Sea, SONM Songoing Array.

NEIC 02 00:47:43.0, 45060S:16740E, h50km, ML3.8(WEL), After WEL, WEL 02 00:47:42.9.0.1, 4505S:16739E, h49km, 1km, ML3.7/17, 2D, Error ellipse: s-maj=1.4km s-min=0.8km az=90.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DCZ Deep Cove, DCZ Deep Cove, MSZ Milford Sound, MSZ Milford Sound, MSZ Mavora Lakes, MLZ Mavora Lakes, WHZ Wether Hill Ro, WHZ Wether Hill Ro, WKZ Wanaka, WKZ Wanaka, PYZ Puysegur Point, EAZ Earnsclough, EAZ Earnsclough, JZJ Jackson Bay, JZJ Jackson Bay, TUZ Tuapeka, TUZ Tuapeka, APZ The Paps, SYZ Scrubby Hill, WKZ Waitaha Benmore, LBZ Lake Benmore, FOF Fox Glacier, FOF Fox Glacier, ODZ Otahua Downs, ODZ Otahua Downs, IHZS Highcliff Hill, RPZ Rata Peaks, RPZ Rata Peaks, VVZ Waitaha Valley, VVZ Waitaha Valley, MCZ McQueen's Vall, MCZ McQueen's Vall, LTZ Lake Taylor, LTZ Lake Taylor, DSZ Denniston Nort, DSZ Denniston Nort, KHZ Kaitiaki, KHZ Kaitiaki, THZ Tophouse, THZ Tophouse, QRZ Quartz Range, QRZ Quartz Range, HNZ Nelson, HNZ Nelson.

IDC 02 00:54:54.8.0.9, 1761S:17705W, h0km, mb4.3/8, mb1 4.5/8, mb1mx4.3/16, mbmp4.3/8, MS4.5/17, Ms1 4.5/17, ms1mx4.3/29, Error ellipse: s-maj=29.9km s-min=22.5km az=128.0, ISCJB 02 00:54:57.2.0.4, 1758S:009-1769W.01, h33km, mb4.6/16, MS4.6/15, Error ellipse: s-maj=17.1km s-min=10.2km az=34.0

NEIC 02 00:54:56.0.0.4, 1758S:17695W, h35km, mb4.9/7, Error ellipse: s-maj=22.7km s-min=12.2km az=126.0, BJJ 02 00:54:59.7, 1688S:17670W, h21km, mb5.3, mb4.7, GCMT 02 00:55:00.0.0.2, 1752S:17664W, h22km, 1km, MW5.3/103, Moment Tensor Solution. s54,c80; s103,c168; Duration: 1s1 Moment tensor: Scale 1017Nm; Mo=0.02±0.3; Mpp=1.03±0.2; Mpp1.05±0.2; Mo-0.01±0.4; Mpp0.32±0.2; Mpp0.20±0.4; Best double couple: Mo1.3700x10^17 Np1.05500000^3, s81.000000^3, 7.5.000000^3, NP2.0325.000000^3, s85.000000^3, 1.71.000000^3. Principal axes: -1.1480, P1.99.0000^3, Azm280.0000^3; N -0.0490, P1.99.0000^3, Azm116.0000^3; P -1.0980, P1.99.0000^3, Azm10.0000^3. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 02 00:54:59.2.0.4, 1755S:009-1769W.01, h35km, n88, #102/26, mb4.6/16, MS4.6/15, 8C-12D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAR Rarotonga, URZ Urewera, URZ Urewera, HNR Honiara, PPT Papeete, EIDS Eidsvoll, ARMA Armadale, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baunata, SBA Scott Base, VNA2 Vanda, VNA2 Vanda, KAPI Kappang, MJAR Matsushiro Arr, QSPA South Pole Qui, PETK Petropavlovsk, KRMB Red Mountain, NVAR Mina Array Bea, TPNV Topoh Spring, SLKM Skilak Lake, MCK McKinley, MAW Mawson, MCMT McKenzie Canyo, COLA Colaba, IMA2 Indian Mountain, CHMT Chamberlain Mo, DAWY Dawyd, EGAK Eagle, XAN Xi'an, XAN Xi'an, XAN Xi'an, PLCA Paso Flores, SNAH Sanae, SNAH Sanae, SNAH Sanae, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, YKA Yellowknife Arr, SONM Songoing Array, ULM Lac du Bonnet, KWP Kalwaria, KWP Kalwaria, BURAR Bucovina Array, STHS Stenbicka Huta, STHS Stenbicka Huta, KOLS Kolonicke sedl, KSP Ksiaz, NIE Niedzica, CRVS Cervenica-Dubn, CLL Collim, CLL Collim, CLL Collim, Ulice, OKC Ostrava-Krasne, DPC Dobruska-Polom, VRC Vriungicia, BRG Braggiushubel, MORC Moravsky Berou, MORC Moravsky Berou, PAVC Panska Ves, HARR Harsova, HARR Harsova, KECS Kecs, ASF Jabal al Asfar, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MOX Mox, PRU Pruhonice, PRU Pruhonice, NYKS Nyk Kostel, VYH Vyhne, KOLL Kolacno, DRGR Drgr, DRGR Drgr, PISZK Piszkesteto, PISZK Piszkesteto, MODS Modra-Piesok, GRA1 Grafenberg Arr, GRF Grafenberg Arr, ZST Zst, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory.

ISCJB 02 01:25:53.7.0.5, 3927N:002-2025E.004, h0km, Error ellipse: s-maj=4.4km s-min=2.6km az=172.5, CSEM 02 01:25:54.6.0.1, 3927N:2024E, h5km, MD3.4, Error ellipse: s-maj=3.4km s-min=2.0km az=83.0, ATH 02 01:25:54.4, 3926N:2024E, h14km, 6km, MD3.4/5, THE 02 01:25:55.9, 3923N:2037E, h0km, ML3.0, NEIC 02 01:25:55.9, 3923N:2037E, h0km, MD3.4(ATH), ML3.0(ATH), After THE, SKO 02 01:25:56.9, 3936N:2024E, h0km, ISC 02 01:25:54.4.0.6, 3926N:002-2023E.004, h1km, 5km, n35, #1900/57, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEK Kerkira, KEK Kerkira, KEK Kerkira, JAN Janina, JAN Janina, JAN Janina, SRN Sarande, SRN Sarande, SRN Sarande, MEV Metsovon, MEV Metsovon, MEV Metsovon, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, KFL Anninata, EVR Evrytania, EVR Evrytania, RLS Riolos of Patr, RLS Riolos of Patr.

ISCJB 02 01:25:53.7.0.5, 3927N:002-2025E.004, h0km, Error ellipse: s-maj=4.4km s-min=2.6km az=172.5, CSEM 02 01:25:54.6.0.1, 3927N:2024E, h5km, MD3.4, Error ellipse: s-maj=3.4km s-min=2.0km az=83.0, ATH 02 01:25:54.4, 3926N:2024E, h14km, 6km, MD3.4/5, THE 02 01:25:55.9, 3923N:2037E, h0km, ML3.0, NEIC 02 01:25:55.9, 3923N:2037E, h0km, MD3.4(ATH), ML3.0(ATH), After THE, SKO 02 01:25:56.9, 3936N:2024E, h0km, ISC 02 01:25:54.4.0.6, 3926N:002-2023E.004, h1km, 5km, n35, #1900/57, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEK Kerkira, KEK Kerkira, KEK Kerkira, JAN Janina, JAN Janina, JAN Janina, SRN Sarande, SRN Sarande, SRN Sarande, MEV Metsovon, MEV Metsovon, MEV Metsovon, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, KFL Anninata, EVR Evrytania, EVR Evrytania, RLS Riolos of Patr, RLS Riolos of Patr.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KZN, AGG, FNA, etc.

IDC 02 01:30:41.9±1.4, 2484N, 12665E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/21, mbtmp3.6/5, ML2.9/1, MS3.8/1, Ms1 3.8/1, ms1mx3.2/18, Error ellipse: s-maj=39.7km s-min=26.5km az=74.0, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like JOW, ASAJ, SONM, etc.

NIED 02 01:31:00.2520N, 12650E, h0km, Mw4.5 Best double couple: Ms5.88000±1015, NP1.9±1.0, 0.00000°, 871.00000°, 1.34.00000°, NP2.9±272.00000°, 858.00000°, 1.58.00000°.

IDC 02 01:31:04.2±0.6, 2488N, 12659E, h0km, mb4.4/18, mb1 4.5/21, mb1mx4.4/27, mbtmp4.4/21, ML3.9/3, Error ellipse: s-maj=21.1km s-min=12.6km az=79.0

BUI 02 01:31:04.2, 2464N, 12709E, h33km, mb4.6, mb4.5, Ms4.4, Msz4.4

SZGRF 02 01:31:05.5, 246N, 12821E, h33km, mb4.8, Southeast of Ryukyu Islands, Japan

ISCJB 02 01:31:07.2±1.0, 2490N, 003.12682E, 0.03, h28km, 7km, mb4.7/79, MS4.3/12, Error ellipse: s-maj=5.9km s-min=3.6km az=152.5

MOS 02 01:31:08.1±1.1, 2492N, 12671E, h33km, mb5.0/31, MS4.2/5, Error ellipse: s-maj=10.6km s-min=5.9km az=114.6

NEIC 02 01:31:09.8±0.2, 2489N, 12675E, h35km, mb4.7/34, MS4.5/1, MW4.4(NIED), Error ellipse: s-maj=6.4km s-min=5.5km az=154.0

JMA 02 01:31:11.8±0.2, 2522N, 12649E, h26km, M4.6, ISC 02 01:31:10.0±1.1, 2495N, 003.12676E, 0.03, h34km, 7km, h3km, 1.9km, p-P, P, N198, s191/216, mb4.7/79, MS4.3/12, 13C-11D, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like JOGS, JMJ, JKE, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like GYA, MDJ, HHC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like YAK, KKN, DMN, etc.

Table of station data for the left column, including call signs like MALT, RES, VRI, etc., and their associated coordinates and frequencies.

NIED 02 00:00.2630N, 12880E, h20km, Mv4.2 Best double copy: M2.52000, 1015 NP1.39.00000, 870.00000, 1.91.00000. NP2.26.00000, 820.00000, 8.8K.00000. IDC 02 00:00.51.1.0.9.2638N, 12828E, h0km, mb4.0/10, Mb1 4.1/12, mb1mx4.0/21, mbtmp4.0/12, ML3.72, MS3.3/4, Ms1 3.3/4, ms1mx2.9/42, Error ellipse: s-maj=37.0km s-min=12.2km az=90.0

Table of station data for the middle column, including call signs like JOW, JTT, JHT, etc., and their associated coordinates and frequencies.

NIED 02 00:00.2630N, 12880E, h20km, Mv4.2 Best double copy: M2.52000, 1015 NP1.39.00000, 870.00000, 1.91.00000. NP2.26.00000, 820.00000, 8.8K.00000. IDC 02 00:00.51.1.0.9.2638N, 12828E, h0km, mb4.0/10, Mb1 4.1/12, mb1mx4.0/21, mbtmp4.0/12, ML3.72, MS3.3/4, Ms1 3.3/4, ms1mx2.9/42, Error ellipse: s-maj=37.0km s-min=12.2km az=90.0

Table of station data for the right column, including call signs like BIA, KRUS, GRC, etc., and their associated coordinates and frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Skilak Lake, Palmer, Makanchi Array, etc.

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

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

ISCJB 02 05:16:41.9.0.7, 2331S.006.685W.01, h69km, 12km, mb4.2/5, Error ellipse: s-maj=21.7km s-min=7.5km

CSEM 02 06:15:10.4, 3512N.2626E, h37km, MD3.7/3, After ATH
ATH 02 06:15:10.4, 3512N.2626E, h37km, MD3.8/3, Crete

ISC 02 06:37:25.6.9.3, 655S.13007E, h147km, 95km, mb3.5/1, mb1.3/7.5, mb1mx3.4/16, mbtmp3.6/5, Error ellipse: s-maj=80.1km s-min=27.4km az=41.0, Banda Sea

NEIC 02 05:16:42.0.8, 2323S.6896W, h86km, 7km, mb3.8/1, Error ellipse: s-maj=17.0km s-min=9.2km az=101.0

XRY Khriis 0.53 242 ePN Pn 05 12 16.0 +0.2
NPS Neapolis 0.55 285 ePN Pn 05 12 25.0 +0.8

ISC 02 06:44:29.1.10.0, 274N.9413E, h29km, 7km, mb3.8/3, mb1.3/8.4, mb1mx3.4/23, mbtmp3.8/4, ML2.7/1, Error ellipse: s-maj=229.3km s-min=38.4km az=25.0, Off west coast of northern Sumatra

2d 8h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONMG Songo Array, SONM Zalesovo Beam, ZALV Zalesovo Beam.

ISC/JB 02 07:03:54.7, 0.3, 4644N, 02x1315E, 0.02, h10km, Error ellipse: s-maj=2.6km s-min=1.8km az=31.4

CSEM 02 07:03:54.6, 0.0, 4643N, 1312E, h15km, ML3.0/4, Error ellipse: s-maj=1.0km s-min=0.7km az=33.0

LJU 02 07:03:54.7, 4643N, 1316E, h14km, ML1.8 ROM 02 07:03:55.2, 0.3, 4644N, 1314E, h2km, M2.5/5, M2.2/2, Error ellipse: s-maj=4.6km s-min=1.4km az=58.0

VIE 02 07:03:55.1, 0.2, 4677N, 1315E, h8km, mb1.9/8, ML2.4/7, Error ellipse: s-maj=2.1km s-min=1.3km az=16.0 12 km ENE of Tolmezzo

ISC 02 07:03:54.9, 0.4, 4643N, 02x1315E, 0.02, h17km, 4km, n39, e073/66, 8C-14D, Austria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BOO Bordano, ZOU Zouplan, BAD Bernadia, BUA Buia, EUA Eua, MPIRI Monte Prat, LSR Lussari, FVI Forni Avoltri.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROBS Robic, COLI Coloredo, CSMI Casera Mimoiyas, MYKA Terra Mystica, MYKA comp-Z, 2.44nm, 0.1s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DRE Drenchia, DRE Drenchia, MLNI Malnisio, ABTA Abfalterbach, ABTA comp-Z, 2.29nm, 0.1s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GORS Gorjuse, GORS Gorjuse, GORS comp-Z, 2.11nm, 0.1s, VOY Vojsko, KBA Koelnbreinsper, KBA comp-Z, 2.26nm, 0.2s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAVS Javornik, JAVS Javornik, TRI Trieste, MOZS Mozjanca, OBKA Obir, OBKA comp-Z, 2.24nm, 0.4s, SKDS Skadanscina, SKDS Castel Tesino, CTI Castel Tesino, CTI comp-Z, 2.54nm, 0.2s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZAVS Zavadnje, ZAVS Appiano, VISS Visnje, VISS comp-Z, 3.0nm, 0.1s, WTTA Wattenberg, WTTA comp-Z, 2.11nm, 0.2s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DOBS Dobrina, BOJS Bojanci, BOJS Bojanci, MABI Malja Bissina, RETA Reutte, RETA comp-Z, 2.2nm, 0.2s, RETA comp-Z, 2.11nm, 0.4s.

ISC 02 07:21:24.1, 1.1, 6.1136S, 11626E, h0km, mb4.0/5, mb1 4.0/7, mb1mx3.9/17, mbtm3.9/7, ML3.6/2.0, South of Sumbawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPI Kappang, FITZ Fitzroy Cross, FITZ Fitzroy Cross, WRA Waramunga Arr, WRA comp-Z, 2.95nm, 0.12s, SNR=15, WRA comp-Z, 2.95nm, 0.12s, SNR=15, ASAR Alice Springs, ASAR comp-Z, 2.2nm, 0.2s, STKA Stephens Creek, SONM Songo Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

ISC/JB 02 08:22:58.0, 0.6, 3081N, 006x1380E, 0.1, h492km, 10km, mb3.3/4, Error ellipse: s-maj=18.0km s-min=9.0km az=163.6

JMA 02 08:22:58.0, 0.2, 3077N, 1380E, h502km, M3.5 NEIC 02 08:22:58.0, 3077N, 1380E, h502km, M3.5(JMA), After JMA.

2007 JUL

s-maj=31.6km s-min=11.9km az=65.0 ISC 02 07:59:6.0, 6.3080N, 007.1380E, 0.1, h484km, 10km, n19, e127/28, mb3.3/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHJ Hachioji jima 2, JIE Ise, JOD2 Odawara 2, BSO1 Boso 1, BSO2 Boso 2, JHU Hanno, CBJI Chichi jima, CBJI Chichi jima, CBJI C3mi jima.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JRY Ryogami san, JYT Yotago, JYT Matsushiro Arr, JHO Hitachi, JHO Hitachi, JNU Natsuse, KRSR Korea Array, ASAJ Asahikawa, MKAR Makanchi Array, WRA Waramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRSR Korea Array, WRA Waramunga Arr, MKAR Makanchi Array, BVAR Borovoye Array, YKA Yellowknife Arr, ARCES ARCES Array B, FINES FINES Array B, PLCA Paso Flores, LPAZ La Paz.

IDC 02 08:27:27.4, 6.6, 2189N, 14291E, h290km, 63km, mb3.1/8, mb1 3.3/8, mb1mx3.1/21, mbtm3.1/7, Error ellipse: s-maj=39.3km s-min=17.9km az=16.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRSR Korea Array, WRA Waramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, BVAR Borovoye Array, YKA Yellowknife Arr, ARCES ARCES Array B, FINES FINES Array B, PLCA Paso Flores, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WEL 02 08:42:39.9, 0.5, 3778S, 17647E, h154km, 3km, ML3.6/15, Error ellipse: s-maj=5.4km s-min=4.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Matawai, MWZ Black Stump Fm, PUZ Puketiti, KNZ Koroheke, MOVZ Moawhango, KAHZ Kahurangi, PXZ Pawanui, PXZ WPHZ Waipukurau, WAZ Wairarapa, MRZ Mountainora, MTW Mount Morrison, CAW Cannon Point, MSWZ South Karori, TCW Tury Channel, PLWZ Palliser, TUWZ Tuamarina, NNZ Nelson, KHZ Kahutara.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Matawai, MWZ Black Stump Fm, PUZ Puketiti, KNZ Koroheke, MOVZ Moawhango, KAHZ Kahurangi, PXZ Pawanui, PXZ WPHZ Waipukurau, WAZ Wairarapa, MRZ Mountainora, MTW Mount Morrison, CAW Cannon Point, MSWZ South Karori, TCW Tury Channel, PLWZ Palliser, TUWZ Tuamarina, NNZ Nelson, KHZ Kahutara.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Matawai, MWZ Black Stump Fm, PUZ Puketiti, KNZ Koroheke, MOVZ Moawhango, KAHZ Kahurangi, PXZ Pawanui, PXZ WPHZ Waipukurau, WAZ Wairarapa, MRZ Mountainora, MTW Mount Morrison, CAW Cannon Point, MSWZ South Karori, TCW Tury Channel, PLWZ Palliser, TUWZ Tuamarina, NNZ Nelson, KHZ Kahutara.

ISC/JB 02 08:48:37.1, 0.9, 553S, 0.1x279W, 0.4, h10km, mb4.0/4, Error ellipse: s-maj=38.5km s-min=13.9km az=153.2

IDC 02 08:47:37.5, 1.2, 5528S, 2798W, h0km, mb4.0/4, mb1 4.1/4, ms1mx2.4/15, Error ellipse: s-maj=38.9km s-min=30.1km az=72.0

ISC 02 08:49:30.0, 0.9, 553S, 0.1x279W, 0.4, h10km, n9, e106/6, mb4.0/4, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VNA2 Neumayer-Watz, VNA2 Vanda, VNA2 Vanda, LPAZ La Paz, TORO Tori Arr, YKA Yellowknife Arr, INK Inuvik.

NIED 02 08:49:00, 4340N, 14450E, h140km, Mw3.6 Best double couple: M=243000-1/4, NP1=265.00000, 878.00000, -1, 101.00000, NP2=129.00000, 816.00000, -1, 48.00000

ISC/JB 02 08:49:44.2, 0.5, 4332N, 005x14455E, 0.07, h145km, 22km, mb3.8/11, Error ellipse: s-maj=9.0km s-min=8.4km az=151.4

NEIC 02 08:49:46.1, 4335N, 14452E, h139km, mb4.0/1, After JMA. IDC 02 08:49:46.5, 2.6, 4339N, 14450E, h148km, 15km, mb3.4/9, mb1 3.5/9, mb1mx3.4/20, mbtm3.4/9, MS3.2/1, ms1mx2.4/21, Error ellipse: s-maj=46.0km s-min=16.6km az=72.0

ISC 02 08:49:45.0, 4.0, 4333N, 005x14454E, 0.07, h141km, 22km, n38, e059/49, mb3.8/11, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNK Nakash, JNK Akkeshi, JAR Ashorobuto, JAR Onbets, JAR Rausu, JTRK Abashiri-Toko, JTRK Nemuro 2, JEMP Maruseppu, JCH Churui, JCH Kamakawa 2, JAKJ Kamakawa 1, JAKJ 27m, 0.3s, baz=121, slow=11, SNR=111, ASAJ comp-Z, 2.77nm, 0.3s, ASAJ Asahikawa, ASAJ comp-Z, 2.77nm, 0.3s, ASAJ Urakawa-nobuka, JNBK Soyas, JOW Kunigami, SONM Waramunga Arr, SONM comp-Z, 1.77nm, 0.4s, mb4.2, baz=62, slow=9.3, SNR=4.5, SONM Songo Array, SONM comp-Z, 2.2nm, 0.4s, ZALV Zalesovo Beam, ZALV Zalesovo, MKAR Makanchi Array, MKAR comp-Z, 2.5nm, 0.5s, mb3.5, baz=84, slow=7.4, SNR=3.2, MKAR Makanchi Array, MKAR comp-Z, 1.0nm, 0.5s, BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNK Nakash, JNK Akkeshi, JAR Ashorobuto, JAR Onbets, JAR Rausu, JTRK Abashiri-Toko, JTRK Nemuro 2, JEMP Maruseppu, JCH Churui, JCH Kamakawa 2, JAKJ Kamakawa 1, JAKJ 27m, 0.3s, baz=121, slow=11, SNR=111, ASAJ comp-Z, 2.77nm, 0.3s, ASAJ Asahikawa, ASAJ comp-Z, 2.77nm, 0.3s, ASAJ Urakawa-nobuka, JNBK Soyas, JOW Kunigami, SONM Waramunga Arr, SONM comp-Z, 1.77nm, 0.4s, mb4.2, baz=62, slow=9.3, SNR=4.5, SONM Songo Array, SONM comp-Z, 2.2nm, 0.4s, ZALV Zalesovo Beam, ZALV Zalesovo, MKAR Makanchi Array, MKAR comp-Z, 2.5nm, 0.5s, mb3.5, baz=84, slow=7.4, SNR=3.2, MKAR Makanchi Array, MKAR comp-Z, 1.0nm, 0.5s, BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, JOF Joensuu, JOF Joensuu, WRA Waramunga Arr, WRA Kangasniemi, KAF Kangasniemi, KAF Kangasniemi, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, NOA comp-Z, 1.0nm, 0.9s, AKASG Malin Array B, AKASG Malin Array B, AKASG comp-Z, 1.0nm, 0.4s.

ISC/JB 02 08:55:40.9, 2.7, 274S, 0.1x1765W, 0.2, h66km, 22km, mb4.0/13, Error ellipse: s-maj=24.7km s-min=20.9km az=152.8

NEIC 02 08:55:40.1, 2.2, 272S, 17640W, h49km, 20km, mb4.8/2, Error ellipse: s-maj=20.2km s-min=16.4km az=217.0

IDC 02 08:55:41.0, 3.7, 273S, 17645W, h55km, 31km, mb3.8/12, mb1 4.0/13, mb1mx4.0/16, mbtm3.9/13, ML4.5/2, MS3.9/10, Ms1 3.9/10, ms1mx3.6/21, Error ellipse: s-maj=24.3km s-min=20.3km az=62.0

ISC 02 08:55:40.7, 2.6, 273S, 0.1x1765W, 0.2, h50km, 22km, n29, e092/19, mb4.1/13, MS3.9/10, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ comp-Z, 0.8nm, 0.3s, baz=0.8, slow=9.9, SNR=4.3, PPT 0.8nm, 0.3s, baz=270, slow=22, SNR=6.4, PPT 26.71 74 LR, HNR Honiara, CTA Charters Tower, CTA comp-Z, 2.44nm, 18.3s, MS4.0, baz=62, slow=34, STKA Stephens Creek, STKA comp-Z, 2.27nm, 18.3s, MS4.1, baz=26, slow=36, ASAR Alice Springs, ASAR Waramunga Arr, WRA Wanda, WRA Vanda, VNA2 Vanda, QSPA South Pole Qui, MAW Mawson, MAW comp-Z, 2.85nm, 18.0s, MS4.2, baz=186, slow=31, MJAR Matsushiro Arr, MJAR comp-Z, 2.64nm, 18.5s, MS4.1, baz=0, slow=30, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ comp-Z, 0.8nm, 0.3s, baz=0.8, slow=9.9, SNR=4.3, PPT 0.8nm, 0.3s, baz=270, slow=22, SNR=6.4, PPT 26.71 74 LR, HNR Honiara, CTA Charters Tower, CTA comp-Z, 2.44nm, 18.3s, MS4.0, baz=62, slow=34, STKA Stephens Creek, STKA comp-Z, 2.27nm, 18.3s, MS4.1, baz=26, slow=36, ASAR Alice Springs, ASAR Waramunga Arr, WRA Wanda, WRA Vanda, VNA2 Vanda, QSPA South Pole Qui, MAW Mawson, MAW comp-Z, 2.85nm, 18.0s, MS4.2, baz=186, slow=31, MJAR Matsushiro Arr, MJAR comp-Z, 2.64nm, 18.5s, MS4.1, baz=0, slow=30, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ comp-Z, 0.8nm, 0.3s, baz=0.8, slow=9.9, SNR=4.3, PPT 0.8nm, 0.3s, baz=270, slow=22, SNR=6.4, PPT 26.71 74 LR, HNR Honiara, CTA Charters Tower, CTA comp-Z, 2.44nm, 18.3s, MS4.0, baz=62, slow=34, STKA Stephens Creek, STKA comp-Z, 2.27nm, 18.3s, MS4.1, baz=26, slow=36, ASAR Alice Springs, ASAR Waramunga Arr, WRA Wanda, WRA Vanda, VNA2 Vanda, QSPA South Pole Qui, MAW Mawson, MAW comp-Z, 2.85nm, 18.0s, MS4.2, baz=186, slow=31, MJAR Matsushiro Arr, MJAR comp-Z, 2.64nm, 18.5s, MS4.1, baz=0, slow=30, LPAZ La Paz.

Table with columns: KAP, Kappang, 4.99 208 Pn, Pn, 10 41 21.1 -1.5, etc. Lists various stations and their coordinates.

Table with columns: MAJO, Matsushiro, 39.85 20 eP, P, 10 47 43.0 +2.6, etc. Lists various stations and their coordinates.

Table with columns: ZRNK, Zerenda, 69.19 329 i P, P, 10 51 12.0 -1.1, etc. Lists various stations and their coordinates.

ISCJ 02 10:45:09.8, 0.9, 0.51S; 12205E, h0km, mb4.1/7, mb1 4.2/9, mb1mx4.0/19, mbtmp4.1/9, ML3.9/2, Error ellipse: s-maj=39.7km s-min=16.8km az=79.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station codes and names.

ISCJ 02 10:51:23.41, 0.6, 0.48S; 12214E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/14, mbtmp3.8/4, ML4.0/1, Error ellipse: s-maj=57.3km s-min=25.5km az=65.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station codes and names.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Moose Ponds, Clover Valley, Eureka, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Drewsey, Durkee, Lakeview, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESDC, MDT, SPITS, etc.

Code Station Name Az El Phase ID Time Res
SNAEA Sanae 23.23 205 Op ISC h m s ISC
SNAEA Sanae 23.23 205 P P 18 43 54.7 +1.7

ISDCB 02 18:43:49.91.0.4.3886S:003:1789E:0.1,h34km,10km,
mb4.0/4, Error ellipse: s-maj=18.4km s-min=5.8km
az=178.2

2d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUMO Hill Mountain, IRM Iron Mountain, BC3 Big Chuck Mtn, etc.

DDA 02 20:45.5, 3728N-3527E, h7km, 6km, MD2.9
CSEM 02 20:20:52.0, 0.3, 3758N-3572E, h20km, MD2.8, Error
ellip: s-maj=6.8km s-min=5.5km az=31.0

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

DDA 02 20:47:39.6, 0.7, 2728S-17643W, h0km, mb4, 1/11,
mb1 4.3/13, mb1mx4.3/15, mbtmp4.1/13, ML4.3/2, MS3.7/9,
MS1 3.7/9, ms1mx3.4/23, Error ellip: s-maj=23.6km
s-min=18.6km az=123.0

NEIC 02 20:47:41.0, 0.4, 2745S-17650W, h10km, mb4.7/3, Error
ellip: s-maj=12.9km s-min=8.6km az=134.0

ISCJB 02 20:47:43.2, 0.5, 2735S-009J-1765W, 0.1, h35km, mb4.2/14,
MS3.8/7, Error ellip: s-maj=15.0km s-min=10.5km az=38.9

ISC 02 20:47:45.1, 0.5, 2734S-009J-1765W, 0.1, h35km, n38,
e090/26, mb4.2/14, MS3.8/7, Kermadec Islands region

2007 JUL

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

ISC 02 20:53:13.8, 51.0, 1672S-17934W, h0km, mb3.9/3,
mb1 4.0/3, mb1mx3.6/15, mbtmp3.7/9, Error ellip:
s-maj=931.6km s-min=151.5km az=77.0, Fiji Islands
region

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

ISC 02 21:04:34.7, 12.0, 335S-14333E, h0km, mb3.6/3,
mb1 3.9/4, mb1mx3.6/15, mbtmp3.7/4, ML3.8/1, Error
ellip: s-maj=183.9km s-min=68.6km az=13.0, Near
north coast of New Guinea

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

CSEM 02 21:17:31.4, 0.2, 3406N-2614E, h20km, ML3.1, Error
ellip: s-maj=7.8km s-min=3.5km az=63.0

HLW 02 21:17:31.2, 3429N-2592E, h38km, Mb3.1
ISCJB 02 21:17:32.1, 0.3, 3413N-007E-261E, 0.1, h33km, Error
ellip: s-maj=17.7km s-min=6.6km az=152.9

ATH 02 21:17:39.7, 3452N-2556E, h2km, MD3.4/4
ISC 02 21:17:30.7, 2.7, 3411N-01.260E, 0.1, h2km, mb26km, n8,
e062/9, 2C-2D, Crete

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

ISC 02 21:31:20.7, 0.8, 4734N-15637E, h0km, mb3.9/9,
mb1 4.0/11, mb1mx3.8/23, mbtmp3.8/11, ML3.5/2, Error
ellip: s-maj=22.2km s-min=20.4km az=105.0

NEIC 02 21:31:22.3, 0.5, 4733N-15639E, h10km, mb4.2/1, Error
ellip: s-maj=16.4km s-min=13.9km az=223.0

ISCJB 02 21:31:23.7, 0.7, 4729N-008E-1562E, 0.2, h33km, mb3.9/10,
Error ellip: s-maj=17.4km s-min=10.0km az=22.3

MOS 02 21:31:25.1, 1.0, 4733N-15598E, h37km, mb4.1/9, Error
ellip: s-maj=29.5km s-min=22.8km az=108.3

ISC 02 21:31:26.0, 0.7, 4725N-008E-1563E, 0.2, h35km, n24,
e066/23, mb3.9/10, East of Kiril Islands

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

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

THE 02 21:53:29.1, 3829N-2201E, h0km, ML2.6
ISCJB 02 21:53:30.7, 0.6, 3832N-2204E, 0.06, h30km, 12km,
Error ellip: s-maj=7.8km s-min=6.9km az=136.7

CSEM 02 21:53:30.0, 0.2, 3836N-2200E, h30km, ML2.6, Error
ellip: s-maj=5.9km s-min=5.1km az=56.0

ATH 02 21:53:30.0, 3837N-2185E, h49km, MD3.0/4
ISC 02 21:53:29.6, 0.6, 3828N-003-2202E, 0.05, h16km, 10km,
n13, n19/29, 13, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLS Riolos of Patr, EVR Erytria, etc.

ISCJB 02 22:06:36.9, 0.4, 3926N-002-2201E, 0.04, h10km, Error
ellip: s-maj=4.3km s-min=2.8km az=176.7

CSEM 02 22:06:37.5, 0.2, 3931N-2021E, h1km, 1km, ML3.8, Error
ellip: s-maj=2.8km s-min=2.8km az=74.0

SKO 02 22:06:37.6, 3922N-2022E, h0km
NEIC 02 22:06:37.3, 3925N-2021E, h0km, MD3.6(ATH),
ML3.9(TH), After THE.

ATH 02 22:06:37.0, 3923N-2024E, h7km, 3km, MD3.6/9
THE 02 22:06:37.3, 3925N-2021E, h0km, ML3.8
ISC 02 22:06:37.0, 0.6, 3924N-002-2022E, 0.04, h0km, 5km, n48,
e1503/66, Greece-Albania border region

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

EVN Erytria, KBN Kozani, KZN Kozani, AGG Agios Georgios, etc.

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

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

Table with columns: BOJS, Bojanci, 7.25 331, i Pn, Pn, 22 08 23.7 -0.5, etc.

CSEM 02 22:09:35.9 0.1, 3788N, 3511E, h10km, MD3.0, Error ellipse: s-maj=2.6km s-min=1.9km az=54.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

IDC 02 22:33:32.7 3.2, 5705S, 15128E, h0km, mb3.9/3, mb1 4.2/3, m1mx3.7/15, mbtmp3.9/3, Error ellipse: s-maj=112.2km s-min=45.1km az=121.0, New Britain region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

IDC 02 22:51:56.9 1.0, 4200N, 6891E, h0km, mb3.7/5, mb1 3.9/10, m1mx3.7/27, mbtmp3.9/10, ML3.7/5, MS2.7/2, Ms1 2.7/2, ms1mx2.4/31, Error ellipse: s-maj=10.7km s-min=7.0

ISCJB 02 22:52:01.4 1.1, 4231N, 6884E, h33km, mb3.9/5, Error ellipse: s-maj=7.4km s-min=4.2km az=21.1

ISC 02 22:51:58.1 1.1, 4213N, 6881E, h0km, mb3.7km, n59, s138/83, mb3.8/6, 7Z-12D, Central Kazakhstan

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Code Station Name A AZ Phase ID Time Res

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Code Station Name A AZ Phase ID Time Res

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Table with columns: MK31, Makanchi Array, 10.70 60, Pn, Pn, 22 54 31.1 -1.1

Table with columns: MKAR, Makanchi Array, 10.70 60, Pn, Pn, 22 54 31.4 -0.9

Table with columns: KURBB, Kurchatov Arr, 10.82 35, Pn, Pn, 22 54 34.1 +0.3

Table with columns: ZRNK, Kurchatov Arr, 10.83 1, Pn, Pn, 22 54 32.8 -1.1

Table with columns: KURK, Kurchatov Arr, 10.93 35, Pn, Pn, 22 54 35.5 +0.2

Table with columns: BVAO, Borovoye Array, 10.96 5, Pn, Pn, 22 54 34.9 -0.7

Table with columns: BVAR, Borovoye Array, 10.96 5, Pn, Pn, 22 54 34.9 -0.7

Table with columns: BVAR, Borovoye Array, 10.96 5, Pn, Pn, 22 54 34.9 -0.7

Table with columns: BVAR, Borovoye Array, 10.96 5, Pn, Pn, 22 54 34.9 -0.7

Table with columns: AKTK, Aktyubinsk, 11.16 322, Pn, Pn, 22 54 38.4 -0.1

Table with columns: AKTK, Aktyubinsk, 11.16 322, Pn, Pn, 22 54 38.4 -0.1

Table with columns: AKTK, Aktyubinsk, 11.16 322, Pn, Pn, 22 54 38.4 -0.1

Table with columns: AKTK, Aktyubinsk, 11.16 322, Pn, Pn, 22 54 38.4 -0.1

Table with columns: AKTK, Aktyubinsk, 11.16 322, Pn, Pn, 22 54 38.4 -0.1

Table with columns: SMLA, Simla, 12.86 146, i P, S, Pn, 22 55 00.7 -1.1

Table with columns: ARU, Arti, 15.77 339, e P, Pn, 22 55 38.6 -2.4

Table with columns: ZALV, Zalesovo Beam, 15.91 37, Pn, Pn, 22 55 43.1 +0.3

Table with columns: GNI, Gani, 18.22 272, Pn, Pn, 22 56 13.3 +1.3

Table with columns: DANN, Dangising, 18.35 134, e P, Pn, 22 56 10.4 -3.2

Table with columns: KOLN, Koldanda, 18.73 135, e P, Pn, 22 56 15.6 -2.6

Table with columns: DMN, Daman, 19.66 132, e P, Pn, 22 56 26.9 -2.6

Table with columns: GUN, Gumba, 19.86 130, e P, Pn, 22 56 34.2 -0.1

Table with columns: RAMN, Ramite, 21.01 130, e P, Pn, 22 56 41.9 -0.9

Table with columns: AKASG, Malin Array Be, 28.32 301, P, Pn, 22 57 55.1 +2.3

Table with columns: FINES, FINESS Array B, 31.93 322, P, Pn, 22 58 26.2 +1.6

Table with columns: FINES, FINESS Array B, 31.93 322, P, Pn, 22 58 26.2 +1.6

Table with columns: ARCES, ARCESS Array B, 35.31 335, P, Pn, 22 58 55.2 +1.2

Table with columns: ARCES, ARCESS Array B, 35.31 335, P, Pn, 22 58 55.2 +1.2

Table with columns: TORO, Torodi Ar. Bea, 64.35 265, P, Pn, 23 02 33.4 -2.0

Table with columns: WRA, Warramunga Arr, 86.37 121, P, Pn, 23 04 40.6 -1.2

Table with columns: WRA, Warramunga Arr, 86.37 121, P, Pn, 23 04 40.6 -1.2

Code Station Name A AZ Phase ID Time Res

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Code Station Name A AZ Phase ID Time Res

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Table with columns: EVR, Evrytania, 1.32 105, ePb, Pb, 23 05 26.0 +1.6

Table with columns: RLS, Rigios of Patr, 1.58 39, ePn, Pn, 23 05 29.6 +0.1

Table with columns: AGG, Agios Georgios, 1.70 98, ePb, Pb, 23 05 29.7 +0.4

Table with columns: FNA, Florina, 1.78 31, eSb, Sg, 23 05 54.1 +1.6

ISCJB 02 23:05:47.1 ±0.3, 3282N, 002.11546W, 0.02, h23km, 4km, Error ellipse: s-maj=3.9km s-min=2.9km az=154.9

ECX 02 23:05:47.8 ±0.7, 3278N, 11544W, h10km, 4km, MD2.9, ML3.0

ISC 02 23:05:46.9 ±0.4, 3281N, 002.11546W, 0.02, h18km, 3km, n29, c087/43, 24C-10D, California-Baja California border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Table with columns: COK, Cook Ranch, 0.23 279f, eP, Pn, 23 05 52.8 +0.6

Table with columns: SGL, Mount Signal, 0.28 234, eP, Pn, 23 05 52.5 -0.5

Table with columns: SWSC, Sam W. Stewart, 0.31 294, P, Pn, 23 05 54.0 +0.4

Table with columns: YUH, Yuha Desert, 0.43 247f, eP, Pn, 23 05 55.3 -0.3

Table with columns: CRR, Carrizo Plain, 0.44 280f, eP, Pn, 23 05 55.9 +0.2

Table with columns: DVTC, Desert V Tower, 0.56 254, fP, Pn, 23 05 57.9 -0.2

Table with columns: GLA, Glamis, 0.58 66, fP, Pn, 23 05 58.0 -0.3

Table with columns: GLA, Glamis, 0.58 66f, eP, Pn, 23 05 58.1 -0.2

Table with columns: MONP, Monument Peak, 0.82 276, fP, Pn, 23 06 02.1 -0.4

Table with columns: BC3, Big Chuck Mt, 0.84 0, fP, Pn, 23 06 02.6 -0.3

Table with columns: EMX, El Mayor, 0.84 168f, e, Sg, 23 06 14.2 -0.3

Table with columns: RDX, Rancho Downs, 0.97 206, eS, Sg, 23 06 04.5 -0.7

Table with columns: BAR, Barrett, 1.03 263f, eP, Pn, 23 06 05.4 -0.8

Table with columns: CBR, Cerro Bola, 1.14 244, eS, Sg, 23 06 07.9 -0.6

Table with columns: PFO, Pinyon Flat Ob, 1.15 314, fP, Pn, 23 06 07.2 -0.9

Table with columns: BLY, Blythe, 1.22 40, fS, Sg, 23 06 22.0 -0.2

Table with columns: BELC, Belle Mtn, 1.27 339, fP, Pn, 23 06 08.7 -1.0

Table with columns: IRM, Iron Mountain, 1.37 11, fP, Pn, 23 06 10.5 -0.6

Table with columns: ECXB, Eichenada, 1.38 166, eP, Pn, 23 06 12.1 +0.8

Table with columns: ENX, Ensenada, 1.38 228, eP, Sg, 23 06 11.8 +0.5

Table with columns: ENX, Ensenada, 1.38 228, eS, Sg, 23 06 29.7 +0.6

Table with columns: 109C, Camp Elliot, M, 1.39 274, fP, Pn, 23 06 11.0 -0.4

Table with columns: 109C, Camp Elliot, M, 1.39 274, fP, Pn, 23 06 29.1 -0.3

Table with columns: 113A, Mohawk Valley, 1.42 91, fP, Pn, 23 06 10.9 -0.9

Table with columns: ECNX, Esteban Cantu, 1.50 220, eS, Sg, 23 06 33.5 +1.4

Table with columns: Y13A, Salome, 1.69 53, fS, Sg, 23 06 35.2 -1.4

Table with columns: Z14A, Wintersburg, 2.18 75, fS, Sg, 23 06 54.5 +2.1

Table with columns: X13A, Yucca, 2.23 37, fS, Sg, 23 06 56.2 +2.1

Table with columns: Y14A, Wickenburg, 2.34 61, fS, Sg, 23 06 59.4 +2.3

CSEM 02 23:36:12.5, 6384N, 2241W, h5km, ML3.8, After REY

REY 02 23:36:12.5, 6384N, 2241W, h5km, ML3.8, ML3.0, Iceland region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Table with columns: IGRV, Grindav?k, 0.03 312, P, Sg, 23 36 13.8 +0.1

Table with columns: IVOG, Vogar, 0.13 4, P, Sg, 23 36 14.4 +0.2

Table with columns: IVOG, Vogar, 0.13 4, P, Sg, 23 36 15.4 +0.3

Table with columns: IKRI, Krysvuk, 0.15 76, P, Sg, 23 36 17.5 +0.6

Table with columns: INVL, Nylanda, 0.20 313, P, Sg, 23 36 15.8 +0.2

Table with columns: ISAN, Sandskeio, 0.43 59, P, Sg, 23 36 18.2 +0.6

Table with columns: ISAN, Sandskeio, 0.43 59, P, Sg, 23 36 16.5 +0.2

Table with columns: IBJA, Bjarnastaoir, 0.50 77, P, Sg, 23 36 26.6 +0.2

Table with columns: IBJA, Bjarnastaoir, 0.50 77, P, Sg, 23 36 21.8 -0.3

Table with columns: IKRO, Krokur, 0.63 65, S, Sg, 23 36 28.7 0.0

Table with columns: IHEI, Heioarbar, 0.63 55, P, Sg, 23 36 27.7 -0.9

Table with columns: IHEI, Heioarbar, 0.63 55, P, Sg, 23 36 32.9 +0.1

Table with columns: ISOL, Solvholt, 0.66 82, P, Sg, 23 36 24.2 -0.9

Table with columns: ISOL, Solvholt, 0.66 82, P, Sg, 23 36 33.0 -0.6

Table with columns: IASM, Asmuli, 0.80 90, P, Sg, 23 36 32.8 +0.2

Table with columns: IASM, Asmuli, 0.80 90, P, Sg, 23 36 37.3 -0.8

Table with columns: ISAU, Saubar, 0.90 79, P, Sg, 23 36 28.0 -1.7

Table with columns: ISAU, Saubar, 0.90 79, P, Sg, 23 36 40.3 -1.0

Table with columns: IASB, sbjarnarst, 1.03 27, P, Sg, 23 36 30.0 -2.2

Table with columns: IASB, sbjarnarst, 1.03 27, P, Sg, 23 36 33.2 -1.7

Table with columns: IVES, Vestmannaeyjar, 1.03 112, P, Sg, 23 36 30.1 -2.1

Table with columns: IVES, Vestmannaeyjar, 1.03 112, P, Sg, 23 36 44.2 -1.3

Table with columns: IHAU, Haukadalur, 1.09 82, P, Sg, 23 36 31.2 -2.2

Table with columns: IHAU, Haukadalur, 1.09 82, P, Sg, 23 36 45.7 -1.8

Table with columns: IESK, Eystris-Skogar, 1.36 102, P, Sg, 23 36 34.6 -3.4

Table with columns: IVAT, Vatnsfell, 1.58 76, P, Sg, 23 36 39.3 -1.6

Table with columns: IHVE, Hveravellir, 1.61 49, P, Sg, 23 37 00.4 -1.4

Table with columns: IHVE, Hveravellir, 1.61 49, P, Sg, 23 36 39.6 -2.0

Table with columns: IHVE, Hveravellir, 1.61 49, P, Sg, 23 37 00.9 -1.8

Table with columns: ISNB, Snabyli, 1.68 92, P, Sg, 23 36 40.7 -1.8

Table with columns: ISNB, Snabyli, 1.68 92, P, Sg, 23 37 02.5 -1.6

Table with columns: ISKR, Skrokkaalda, 1.90 66, P, Sg, 23 36 37.7 -0.9

Table with columns: ISKR, Skrokkaalda, 1.90 66, P, Sg, 23 37 07.5 -2.4

Table with columns: TIR, 17.0, 3932N, 2017E, h20km, 3km

ISCJB 02 23:38:16.2 ±0.7, 3928N, 002.2014E, 0.06, h2km, 5km, Error ellipse: s-maj=7.4km s-min=3.7km az=0.2

THE 02 23:38:17.4, 3927N, 2022E, h0km, ML2.8

CSEM 02 23:38:17.2 ±0.3, 3926N, 2012E, h2km, ML2.8, Error ellipse: s-maj=7.7km s-min=3.4km az=60.0

NEIC 02 23:38:17.4, 3927N, 2022E, h0km, ML2.8 (THE), After THE

ATH 02 23:38:18.2, 3929N, 2024E, h23km, 4km, MD3.2/4

SKO 02 23:38:21.0, 3933N, 2014E, h4km

ISC 02 23:38:17.8 ±0.7, 3926N, 002.2028E, 0.06, h2km, 6km, n22, c1501/38, Greece-Albania border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, etc.

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 22.7 -0.4

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: IGT, Igoumenitsa, 0.28 8, eP, Pn, 23 38 27.2 +0.5

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like SCHEFFERVILLE, SONGINO, JAN MAYEN, HU-HAO-TE, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like EVRYTANIA, ANNINATA, IDC 03, BUJ 03, MAN 03, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like SONM, WMQ, PETK, MKAR, YAK, TKM, UCH, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like CSEM, THE, ISCJB, ATH, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like IDC 03, BUJ 03, MAN 03, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like CSEM, THE, ISCJB, ATH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chios island, AOS Alonissos, NEO Neokhori, etc.

ISCJB 03 01:59:44.8.1.3, 3678N, 006.2754E, 007.7, h1km, 9km, Error ellipse: s-maj=12.1km s-min=6.2km az=40.5

ISCJB 03 02:04:05.3.0.9, 3511N, 12680E, h35km, mb4.2/2, Error ellipse: s-maj=20.9km s-min=14.9km az=70.0

ISCJB 03 02:04:05.0.9, 43N, 02.1257E, 02, h171km, 28km, mb4.2/3, Error ellipse: s-maj=34.6km s-min=20.0km

ISCJB 03 02:04:06.5.7, 260N, 12637E, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.7/17, mbtmp4.3, Error ellipse: s-maj=172.7km s-min=119.5km az=74.0

MAN 03 02:04:14, 484N, 12549E, h141km, mb4.1, ML2.9, MS2.7

ISC 03 02:04:07.6.0.9, 43N, 02.1256E, 02, h164km, 28km, n10, 0.538/11, mb4.2/3, 1C, Talaud Islands

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

NEIC 03 02:04:05.3.0.9, 3511N, 12680E, h35km, mb4.2/2, Error ellipse: s-maj=20.9km s-min=14.9km az=70.0

ISCJB 03 02:04:05.0.9, 43N, 02.1257E, 02, h171km, 28km, mb4.2/3, Error ellipse: s-maj=34.6km s-min=20.0km

ISCJB 03 02:04:06.5.7, 260N, 12637E, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.7/17, mbtmp4.3, Error ellipse: s-maj=172.7km s-min=119.5km az=74.0

MAN 03 02:04:14, 484N, 12549E, h141km, mb4.1, ML2.9, MS2.7

ISC 03 02:04:07.6.0.9, 43N, 02.1256E, 02, h164km, 28km, n10, 0.538/11, mb4.2/3, 1C, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like General Santos, Mati, Musuan, Pagadian, Kappang, Kakadu, Waramungga Arr, etc.

NEIC 03 02:05:24.6, 1573N, 9848W, h15km, MD4.0, (MEX), After MEX.

MEX 03 02:05:23.8.0.4, 1568N, 9847W, h20km, 20km, MD4.0, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Acapulco, Vista Hermosa, Oaxaca, Tehuacan, Popocatepetl, Matias Romero, Organos, Tepich, etc.

ISC 03 02:51:32.5.13.0, 3732N, 7226E, h170km, 124km, mb3.3/2, mb1.3.3/5, mb1mx2.9/24, mbtmp3.2/5, Error ellipse: s-maj=83.1km s-min=50.0km az=150.0

NEIC 03 02:51:39.7.3.4, 3789N, 7226E, h196km, 26km, Error ellipse: s-maj=103.3km s-min=26.8km az=176.0

ISC 03 02:51:37.6.5.3, 3773N, 723E, 02, h194km, 21km, n11, 0.585/12, mb3.4/2, 3C, Tajikistan

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

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

IDC 03 02:53:41.8.3.0, 3046E, 17775W, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.5/14, mbtmp3.4/2, MS3.0/1, Ms1 3.0/1, ms1mx2.6/11, Error ellipse: s-maj=62.8km s-min=16.1km az=100.0, Kermadec Islands

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

THE 03 03:04:53.2, 3934N, 2005E, h0km, ML2.6

ISCJB 03 03:04:54.0.8, 3939N, 005.2222E, 008, h24km, 6km, Error ellipse: s-maj=10.2km s-min=7.1km az=156.1

CSEM 03 03:04:54.1.0.3, 3933N, 2013E, h0km, ML2.6, Error ellipse: s-maj=9.5km s-min=5.5km az=79.0

ATH 03 03:04:54.1, 3927N, 2023E, h23km, 11km, MD3.0/3

ISC 03 03:04:54.0.8, 3931N, 004.2020E, 006, h10km, 10km, n10, 0.1519/17, Greece-Albania border region

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

ISC 03 03:51:16.0.8.2, 2523S, 17968E, h474km, 96km, mb3.7/4, mb1.3.9/6, mb1mx3.4/15, mbtmp3.6/6, Error ellipse: s-maj=57.1km s-min=24.8km az=17.0

ISCJB 03 03:51:17.7.1.2, 254S, 02.1796E, 02, h500km, mb4.2/7, Error ellipse: s-maj=23.0km s-min=18.7km az=42.7

NEIC 03 03:51:18.7.4.6, 2544S, 17971E, h513km, 55km, mb4.4/5, Error ellipse: s-maj=48.8km s-min=20.1km az=198.0

ISC 03 03:51:18.6.1.2, 255S, 02.1796E, 02, h500km, n18, 0.587/15, mb4.2/7, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Rata Peaks, Armadale, Eidsvold, Charters Tower, Stephens Creek, etc.

ISC 03 04:07:8.2.0, 2060S, 6884W, h106km, 11km, mb3.5/5, mb1.3.6/8, mb1mx3.4/20, mbtmp3.5/8, Error ellipse: s-maj=45.6km s-min=12.9km az=106.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Limon Verde, La Paz, San Ignacio, Coronel Fontan, etc.

MEX 03 04:20:08.1.1.1, 1743N, 9477W, h144km, 11km, MD3.9, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matias Romero, Oaxaca, Huatulco, Tehuacan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Comitan, Popocatepetl, Baier, Cauayan, Palayan, Caliao Caves, Bolinao, Polilio Island, etc.

TRN 03 05:10:41.3, 1772N, 6128W, h35km

RSPPR 03 05:10:44.9, 1775N, 6137W, h52km, 14km, MD3.8/10, MD3.8/10, 8C-4D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Saint Kitts, St. Eustatius, St. Maarten, St. Maarten, A, Saba, Saba, Anegada, Tortola, Monte Pirata, Col San Antonio, Cerro la Pandu, Cerrillos, Arcebio Observ, etc.

ISC 03 05:13:29.9.2.9, 3086S, 17714W, h0km, mb3.5/2, mb1.3.8/2, mb1mx3.6/14, mbtmp3.5/2, Error ellipse: s-maj=60.5km s-min=17.9km az=81.0, Kermadec Islands

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

ISC 03 05:18:57.2.8, 340S, 14406E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.8/16, mbtmp3.9/16, ML4.1/1, Error ellipse: s-maj=88.5km s-min=22.4km az=101.0

ISCJB 03 05:19:01.9.3.3, 35S, 02.1438E, 08, h33km, mb3.8/5, Error ellipse: s-maj=112.5km s-min=16.7km az=9.6

NEIC 03 05:19:06.1.5, 335S, 14327E, h35km, mb4.1/2, Error ellipse: s-maj=46.1km s-min=12.6km az=102.0

ISC 03 05:19:04.3.0.3, 34S, 02.1437E, 07, h35km, n7, 0.686/7, 0.7mx3.8, Near north coast of New Guinea

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

NNC 03 05:21:54.0.7.0, 3904N, 7351E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=57.0km s-min=31.5km az=168.0

ISC 03 05:21:53.9.2.5, 387N, 02.735E, 02, h70km, 62km, n10, 0.557/13, 1C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Almayashu, Uchtor, Kyzart, Erkin-Say, Karagaybulak, Ulhal, Tokmak 2, etc.

NIED 03 05:24:00, 3630N, 13720E, h260km, Mw3.8, Best double couple: Ms5.88000x1014 NP1.8x103.00000, 881.00000, 7.41.00000, NP2.8x20.00000, 850.00000, 7.169.00000

ISCJB 03 05:24:29.4.0.4, 3638N, 13714E, 007, h272km, 3km, mb3.4/10, Error ellipse: s-maj=10.4km s-min=7.1km az=34.5

JMA 03 05:24:29.8.0.1, 3635N, 13715E, h271km, 1km, M3.5

NEIC 03 05:24:29.9, 3635N, 13716E, h271km, MG3.5(JMA), After JMA

ISC 03 05:24:29.7.0.5, 3633N, 13714E, h262km, 4km, mb3.3/10, mb1.3.7/12, mb1mx3.3/25, mbtmp3.3/12, Error ellipse: s-maj=17.4km s-min=12.9km az=86.0

ISC 03 05:24:30.3.0.4, 3638N, 13714E, 007, h266km, 3km, n3, 0.556/45, mb3.4/10, Eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matsuhiro, Sushiro, and various array stations.

IDC 03 05:33:50.5-0.9, 1325N:12591E, h0km, mb3.9/8, mb1.4/0.8, mb1mx3.8/1.2, mbtmp3.9/8, MS3.0/5, Ms1.3/0.5, ms1mx2.9/26, Error ellipse: s-maj=69.2km s-min=15.3km az=75.0

ISC/JB 03 05:33:53.5-0.6, 1332N:005:12589E,005, h33km, mb3.9/9, MS2.9/5, Error ellipse: s-maj=7.6km s-min=6.3km az=21.9

MAN 03 05:33:53, 1339N: 12584E, h54km, mb4.7, ML3.6, MS3.6, NEIC 03 05:33:55.1-0.8, 1338N:12620E, h35km, mb4.4/1, Error ellipse: s-maj=10.9km s-min=10.9km az=74.0

ISC 03 05:33:55.0-0.6, 1330N:005:12585E,006, h35km, n22, c114/24, mb3.9/9, MS2.9/5, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CNP, Virac, Borongan, Ormoc, Roxas, Surigao, Jordan, Kappang, Nakatsu, CBUJ, KRSR, PSI, FITZ, WRA, ASAR, SONM, PETK, STKA, MKAR, KURK, BVAR, etc.

NEIC 03 05:45:28.7, 4365N:1401W, h0km, MG3.6(MDD), After MDD

MDD 03 05:45:29.5-2.2, 4360N:1397W, h0km, mb3.8/3, Error ellipse: s-maj=18.1km s-min=17.2km az=104.0, PRIMO SOLUCI POBRE

CSEM 03 05:45:31.0-0.7, 4399N:1343W, h10km, mb3.7/2, Error ellipse: s-maj=12.5km s-min=10.8km az=131.0

INMG 03 05:45:32.2-1.1, 4365N:1439W, h10km, ML2.3, Error ellipse: s-maj=9.3km s-min=6.8km az=98.0

ISC 03 05:45:33.2-1.1, 4336N:005:1367W, h10km, n48, c092/80, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAZARICOS, SANTO, LOBIOS, EPON, PVRL, ERUA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVIS, ECAL, PBRG, MTE, PMAFR, PCBR, MOE, PESTR, EVO, EBAD, PBAR, PFVI, PVAQ, EGRO, PBDV, GUD, EMIN, ESDC, EADA, etc.

ISC/JB 03 06:15:09.1-0.3, 4934N:001:675E,002, h0km, Error ellipse: s-maj=2.2km s-min=2.1km az=29.2

BGR 03 06:15:10.7-1.0, 4920N:666E, h1km, ML1.8/2, Error ellipse: s-maj=48.9km s-min=4.4km az=45.0

STR 03 06:15:10.3-0.3, 4936N:002:686E, h1km, ML2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 03 06:15:10.9-0.1, 4938N:686E, h1km, ML2.9/14, Error ellipse: s-maj=1.3km s-min=1.2km az=139.0

NEIC 03 05:11.1, 4938N:686E, h1km, ML3.0(LDG), ML2.5(STR), After LDG.

LDG 03 06:15:11.1-0.1, 4938N:686E, h1km, Md2.9/1, M3.0/16, Error ellipse: s-maj=1.8km s-min=1.6km az=166.0, Suspected Mining induced.

ISC 03 06:15:10.2-0.3, 4936N:001:679E,002, h0km, n49, c092/103, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUP, WLF, WLF, ABH, ABH, LANF, KTD, KTD, CDF, CDF, CDF, CDF, WLF, WLF, ABH, ABH, LANF, KTD, KTD, CDF, CDF, CDF, CDF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAU, MEZF, MEZF, BFO, BFO, BFO, GIVF, GIVF, HGN, HGN, MOF, MOF, HINF, HINF, HINF, HINF, etc.

IDC 03 06:18:05.4-37.0, 1829S:16948E, h0km, mb4.1/4, mb1.4/3.4, mb1mx3.9/15, mbtmp4.1/4, Error ellipse: s-maj=646.0km s-min=114.6km az=77.0, Vanuatu Islands

STKA Stephens Creek 28.55 236 P ISC P 06 24 03.4 +0.4

WRA Warramunga Arr 33.21 261 P P 06 24 43.5 -0.8

ASAR Alice Springs 33.59 168 P P 06 24 47.5 -0.1

FITZ Fitzroy Crossi 41.28 263 P P 06 25 55.9 +0.6

ISC/JB 03 06:32:07.0-0.5, 5530S:008:280W,02, h10km, mb4.5/10, MS3.5/2, Error ellipse: s-maj=17.2km s-min=11.1km az=159.8

IDC 03 06:32:07.2-0.7, 5533S:2804W, h0km, mb4.5/9, mb1.4/5/10, mb1mx4.3/19, mbtmp4.1/10, ML4.2/1, MS3.5/2, Ms1.3/5/2, ms1mx3.2/18, Error ellipse: s-maj=23.1km s-min=17.7km az=78.0

NEIC 03 06:32:08.6-0.3, 5532S:2803W, h10km, mb4.6/5, Error ellipse: s-maj=11.1km s-min=8.5km az=65.0

ISC 03 06:32:09.1-0.6, 5530S:008:280W,02, h10km, n29, c087/18, mb4.5/9, MS3.5/2, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VNA1, VNA1, VNA1, VNA2, VNA2, SNAA, GSPA, GSPA, CPUP, CPUP, LVC, LVC, BOSA, BOSA, VNA2, VNA2, LBTB, LBTB, LPAZ, LPAZ, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Torodi Ar. Bea, Sonseca Array, ASAR, FINES, ARCES, INK, YKA, DAWY, BMMR, MCKinley, SONMG.

ISCJB 03 06:34:46.6:0.6, 5531S,0.10-280W,0.2,h10km,mb4.3/10, MS3.9/7, Error ellipse: s-maj=19.1km s-min=12.9km az=159.8

IDC 03 06:34:46.8:0.7, 5529S,280W,h0km,mb4.3/10, mb1.4,3/11,mb1mx4.2/19,mbtmp4.3/11,ML4.1/1,MS3.7/8, s-min=17.4km az=67.0

NEIC 03 06:34:48.3:0.6, 5534S,0.10-280W,0.2,h10km,n25, o#68/13,mb4.3/9,MS3.9/7,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAAS, USHA, QSPA, GSPA, CPUP, BDBF, BOSA, VANDA, LBTB, LPAZ, DBIC, TORD, STKA, KEST, ASAR, FINES, ARCES, YKA, DAWY, BMMR, MCKinley, SONMG.

TAP 03 07:18:26.4, 2240N,12015E,h29km,ML3.9,1C-2D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAU, SCZT, SGLT, TWM1, SSD, TAI1, EAST, HEN, TAW, TAW, TWM1, ECL, SCLT, SGST, TSEB, CHN1, CHN2, CHN3, CHN4, CHN5, CHN6, CHN7, CHN8, CHN9, CHN10, CHN11, CHN12, CHN13, CHN14, CHN15, CHN16, CHN17, CHN18, CHN19, CHN20.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCU, ESH, WHF, TWQ1, NSY, NNS, KNTM, ENNM, NWF.

NEIC 03 07:22:17.1, 1630N,9976W,h10km,MD4.0(MEX), After MEX.

MEX 03 07:22:17.6:0.4, 1623N,9979W,h28km,16km,MD4.0, Near east of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACX, CAIG, ZLIG, ZLIG, PLIG, MZVM, PPM, PPM, VHO, VHO, TPIG, TPIG, IIO, IIO, IIO, IIO.

ISCJB 03 07:25:24.3:1.1, 3712N,007.719E,0.1,h176km,17km, Error ellipse: s-maj=21.6km s-min=5.3km az=153.5

NINC 03 07:25:31.8:5.5, 3771N,1768E,h169km,56km,mb2.6, mp3.7, Error ellipse: s-maj=48.8km s-min=24.9km az=8.0

ISC 03 07:25:23.9:1.1, 3703N,006.718E,0.1,h148km,15km,n29, o#133/36,4C-5D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, THN, KZA, EK2S, AAK, KK31, ULHL, TKM2, TKM2, SMLA, SMLA, SMLA, SMLA, KLP, KLP, KLP, JOSI, JOSI, JOSI, JOSI, KUDI, SONA, MKD1, DANN, KOLN, DMN, PUN, GUMBA, AB31, AB31, JIRI, VJRK, BVA0, ZRKN, RAMN, TAPAN, ODARE, AKTO.

ISCJB 03 07:28:23.0:0.9, 5533S,0.1-280W,0.4,h10km,mb4.1/5, Error ellipse: s-maj=37.9km s-min=15.8km az=157.0

IDC 03 07:28:23.8:0.8, 5531S,280W,h0km,mb4.0/5,mb1.4,1/6, mb1mx3.9/18,mbtmp4.0/6,ML3.8/1, Error ellipse: s-maj=32.4km s-min=19.6km az=72.0

NEIC 03 07:28:25.0:0.7, 5529S,280W,h10km, Error ellipse: s-maj=19.1km s-min=12.9km az=159.8

ISC 03 07:28:25.3:0.9, 5533S,0.1-279W,0.4,h10km,n10, o#95/7, mb4.1/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAAS, QSPA, CPUP, VILLA, VANDA, LPAZ, TORD, YKA, INUVIK, SONMG, YKA, SONMG.

ATH 03 07:31:01.5, 4015N,2521E,h14km,3km,MD3.1/4

ellipse: s-maj=5.0km s-min=3.7km az=19.1 THE 03 07:31:02.0, 4014N,2525E,h10km,ML2.8

NEIC 03 07:31:01.5, 4015N,2521E,h14km,MD3.1(ATH), After ATH.

CSEM 03 07:31:02.1:0.1, 4015N,2524E,h5km,ML2.8, Error ellipse: s-maj=1.8km s-min=1.2km az=110.0

ISC 03 07:31:03.1, 4012N,2537E,h8km,MD2.9

ISC 03 07:31:01.8:0.6, 4015N,003.2521E,0.05,h6km,7km,n14, o#71/22, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOS, LIA, LIA, LIA, GAD, GAD, ENEZ, ENEZ, OUR, ALN, ALN, RDO, RDO, PRK, PRK, PRK, PRK, PLG, RKY, MFT, EDRB.

IDC 03 07:32:47.2:1.0, 5238N,16793W,h0km,mb3.8/13, mb1.4,0/13,mb1mx3.9/24,mbtmp3.8/13, Error ellipse: s-maj=28.7km s-min=18.5km az=165.0

ISCJB 03 07:32:50.9:1.9, 5232N,0.1-16788W,0.09,h42km,14km, mb3.8/12, Error ellipse: s-maj=22.7km s-min=9.3km az=175.9

NEIC 03 07:32:50.2:2.2, 5231N,16790W,h21km,13km,mb4.1/2, ML3.4(AEIC), Error ellipse: s-maj=15.2km s-min=7.6km az=169.0

ISC 03 07:32:47.5:2.1, 5221N,008.16784W,0.10,h5km,11km, n26, o#77/28,mb3.8/12, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIKO, NIKO, OKCD, UNV, AKGG, AKUT, SPIT, KDAD, SVGW, EGAG, DAWY, PETK, INK, YKA, YKA, KRSR, TXAR, ZONL, SALM, ARCES, MKAR, FINES, NOA, WRA, ASAR, ASAR.

IDC 03 07:50:17.5:4.9, 3472S,17932E,h0km,mb3.9/2, mb1.4,1/2,mb1mx3.7/14,mbtmp3.9/2,MS3.6/1,Ms1.3/5/1, ms1mx2.9/20, Error ellipse: s-maj=20.7km s-min=9.2km az=165.0, South of Kermadec Islands

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

NEIC 03 08:08:52.6:1.2, 1790N,121.02E,h63km,13km,mb4.6/1, Error ellipse: s-maj=13.6km s-min=10.9km az=94.0

NEIC Felt [II PIVS] at Pasquon.

ISCJB 03 08:08:54.3:0.4, 1827N,003.12081E,0.04,h87km,6km, mb4.0/8, Error ellipse: s-maj=7.3km s-min=4.9km az=22.7

IDC 03 08:08:54.4:4.6, 1795N,121.18E,h80km,44km,mb3.6/2, mb1.3,8/9,mb1mx3.6/22,mbtmp3.7/9,ML3.7/1,MS2.8/3, MS1.2/3,ms1mx2.6/36, Error ellipse: s-maj=32.2km s-min=13.9km az=82.0

MAN 03 08:08:54, 1830N,12081E,h64km,mb5.5,ML4.5,MS4.5 MAN INTENSITY II - PASQUON, ILOCOS NORTE.

ISC 03 08:08:55.6:0.4, 1824N,003.12084E,0.04,h84km,5km, n32, o#14/44,mb4.0/8,4C-2D,Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APYP, ABPA, ABRA, CVP, CVP, CVP, CAUP, CAUP, BCPH, PALP, BOLP, BOLP, SCZP, PCPH, NBP, POLP, LUBP, GQP, NACB, YHNB, YHNB, QIZ.

EMHD	Djebel Mahouad	46.84	37	P	P	08 34 31.9 +0.7
ECHE	Chera	47.02	31	P	P	08 34 33.2 +0.6
ECHE	Chera	47.02	31	P	P	08 34 33.2 +0.7
ADJUB	Djebel Djouab	47.11	38	P	P	08 34 33.7 +0.4
EPON	Pontenova	47.18	23	P	P	08 34 35.0 +1.2
ABA	Alger-Bouzarega	47.29	37	P	P	08 34 35.5 +0.8
AKET	Djebel Ketaf	47.31	38	P	P	08 34 35.9 +1.0
ETOR	Torete	47.40	29	P	P	08 34 36.2 +0.8
ETOR	Torete	47.40	29	P	P	08 34 36.3 +0.8
ATAF	Djebel Tarf	47.45	39	P	P	08 34 36.5 +0.5
EIBI	Ibiza	47.84	33	P	P	08 34 39.6 +0.6
EMOS	Mosqueruela	47.85	31	P	P	08 34 38.1 -0.8
NNA	Nana	47.94	253	P	P	08 34 39.2 -0.9
NNA	Nana	47.94	253	eP	P	08 34 38.6 -1.5
EARI	Ariandras	47.94	25	P	P	08 34 40.7 +1.0
OTAV	Otavallo	48.19	270	eP	P	08 34 42.2 +0.1
OTAV	Otavallo	48.19	270	eP	P	08 34 42.2 +0.1
CFAA	Coronel Fontan	48.24	225	LR	LR	08 55 25.5
CKHR	Kef el Ahar	48.32	39	P	P	08 34 45.0 +2.3
CMER	Merouana	48.32	40	P	P	08 34 44.0 +1.3
SET	Setif	48.36	39	P	P	08 34 39.0 -4.0
TRQA	Trouquet	48.41	214	eP	P	08 34 43.5 +0.1
ELAN	Lanesosa	48.56	26	P	P	08 34 46.0 +0.8
LCO	Las Campanas	48.66	229	eP	P	08 34 45.1 -0.4
LCO	LCO	48.66	229	eP	P	08 36 39.1 +0.6
ERTA	Horta de San J	48.70	31	P	P	08 34 45.0 -0.6
ESAC	San Caprasio	48.86	30	P	P	08 34 46.5 -0.3
DFRA	Djebel Bou Aff	48.88	39	P	P	08 34 48.0 +1.0
CTEI	Djebel Teioual	48.91	40	P	P	08 34 52.0 +4.7
CASM	Ain Smara	49.09	40	P	P	08 34 50.0 +1.4
ETOS	Mallouca	49.17	34	P	P	08 34 48.5 -0.8
CKFL	Kef-Lekhel	49.32	40	P	P	08 34 49.0 -1.4
TLL	Tololo Astrono	49.32	228	eP	P	08 34 51.1 +0.6
EPOB	Poblet	49.37	31	P	P	08 34 49.8 -0.9
ELIZ	Elizondo	49.45	28	P	P	08 34 51.8 +0.5
ELIZ	Elizondo	49.45	28	P	P	08 34 51.8 +0.5
EALK	Alkuruntz	49.51	28	P	P	08 34 51.1 -0.6
SJPF	Ste Jean	49.56	28	eP	P	08 34 52.9 +0.8
SJPF	Ste Jean	49.56	28	eP	P	08 34 52.9 +0.8
SJPF	Ste Jean	49.56	28	eP	P	08 34 52.9 +0.8
CAEH	Ain El Ouahch	49.63	39	P	P	08 34 53.0 +0.2
OSSF	Osses	49.65	28	eP	P	08 34 53.1 +0.3
ETSF	Etsaut	49.71	29	eP	P	08 34 54.3 +1.1
ETSF	Etsaut	49.71	29	eP	P	08 34 54.3 +1.1
ETSF	Etsaut	49.71	29	eP	P	08 34 54.3 +1.1
ABSA	Djebel Abasbia	49.73	40	P	P	08 34 54.5 +0.9
ORDF	Ordiarp	49.77	28	eP	P	08 34 54.2 +0.5
ATE	Arette	49.78	28	eP	P	08 34 54.7 +0.9
EBIE	Bielsa	49.88	29	P	P	08 34 54.4 -0.2
CMAH	Djebel Manhou	49.91	40	P	P	08 34 55.5 +0.6
REYF	Montagne du Re	49.91	28	eP	P	08 34 55.7 +0.9
VIEF	Viey	49.98	29	eP	P	08 34 56.1 +0.8
CMCH	Combarbala	49.99	227	eP	P	08 34 54.9 -0.7
EMIR	Miracle	50.01	31	P	P	08 34 55.9 +0.3
BCIP	Isla Barro Col	50.04	281	eP	P	08 34 56.9 +0.6
BCIP	Isla Barro Col	50.04	281	eP	P	08 34 56.9 +0.6
RESF	Ens	50.07	29	eP	P	08 34 57.0 +1.0
LABF	Labassere	50.12	29	eP	P	08 34 57.5 +1.1
EPF	Esparrros	50.24	29	eP	P	08 34 58.4 +1.1
EPF	Esparrros	50.24	29	eP	P	08 34 58.4 +1.1
EPF	Esparrros	50.24	29	eP	P	08 34 58.4 +1.1
MELF	Melles	50.33	29	eP	P	08 34 59.2 +1.3
MELF	Melles	50.33	29	eP	P	08 34 59.1 +1.2
SALF	Salau	50.45	30	eP	P	08 34 59.8 +0.9
MLS	Moules	50.55	30	eP	P	08 35 00.8 +1.1
VALF	Valcabollere	50.61	31	eP	P	08 35 00.6 +0.5
FCH	Farellones	50.64	224	eP	P	08 35 01.1 +0.6
KEST	Kesra	50.85	42	P	P	08 35 00.5 -0.1
KEST	Kesra	50.85	42	P	P	08 35 00.5 -0.1
CLCH	Cerro Calan	50.85	224	eP	P	08 35 02.1 +0.1
LARF	Las Melosasa	50.88	31	eP	P	08 35 02.7 +0.5
CARF	Carcanieres	50.88	31	eP	P	08 35 02.6 +0.4
TSUM	Tsumeb	50.94	116	eP	P	08 35 03.0 0.0
TSUM	Tsumeb	50.94	116	eP	P	08 35 03.2 +0.3
TSUM	Tsumeb	50.94	116	eP	P	08 35 03.2 +0.3
FILF	Filloles	51.01	31	eP	P	08 35 02.6 -0.5
EJON	La Jonquera	51.09	31	eP	P	08 35 02.9 -0.8
SJAF	Saint Jean de	51.12	31	eP	P	08 35 04.0 +0.1
LRFD	Larocque-de-Fa	51.27	31	eP	P	08 35 04.9 +0.1
MTLF	Montlieu	51.39	30	eP	P	08 35 05.9 -0.1
MTLF	Montlieu	51.39	30	eP	P	08 35 05.9 -0.1
MTLF	Montlieu	51.39	30	eP	P	08 35 05.9 -0.1
FFF	La Frestale	51.87	28	eP	P	08 35 09.8 +0.3
FFF	La Frestale	51.87	28	eP	P	08 35 09.8 +0.3
FFF	La Frestale	51.87	28	eP	P	08 35 09.8 +0.3
NICH	Los Niches	52.22	223	eP	P	08 35 12.3 0.0
CAF	Calviac	52.48	29	eP	P	08 35 14.1 +0.1
CAF	Calviac	52.48	29	eP	P	08 35 14.1 +0.1
CAF	Calviac	52.48	29	eP	P	08 35 14.1 +0.1
RJF	Les Rejaudoux	52.50	28	eP	P	08 35 14.1 -0.1
RJF	Les Rejaudoux	52.50	28	eP	P	08 35 14.1 -0.1
RJF	Les Rejaudoux	52.50	28	eP	P	08 35 14.1 -0.1
RJF	Les Rejaudoux	52.50	28	eP	P	08 35 14.1 -0.1

RJF	comp=Z,138nm,1.4s,mb5.7	52.55	23	eP	P	08 35 14.5 0.0
QUIF	Quistinic	52.55	23	eP	P	08 35 14.5 0.0
QUIF	Quistinic	52.55	23	eP	P	08 35 14.5 0.0
MFF	Saint Martin d	52.74	26	eP	P	08 35 15.7 -0.2
MFF	Saint Martin d	52.74	26	eP	P	08 35 15.7 -0.2
MFF	Saint Martin d	52.74	26	eP	P	08 35 15.7 -0.2
LASF	Ste Croix	52.75	31	eP	P	08 35 16.4 +0.3
ROSF	Rostrenen	52.85	22	eP	P	08 35 16.8 0.0
ROSF	Rostrenen	52.85	22	eP	P	08 35 16.8 0.0
ROSF	Rostrenen	52.85	22	eP	P	08 35 16.8 0.0
VSL	Villasalto	52.86	38	eP	P	08 35 17.5 +0.5
FRNF	Fournols	53.06	29	eP	P	08 35 18.6 +0.3
LBL	Lubilhac	53.27	29	eP	P	08 35 20.8 +0.7
VERF	Verneuilhon	53.29	28	eP	P	08 35 19.9 -0.2
PYM	Petit Puy Mans	53.54	29	eP	P	08 35 22.5 +0.7
TCF	Toulx Ste Croi	53.56	28	eP	P	08 35 22.1 +0.1
TCF	Toulx Ste Croi	53.56	28	eP	P	08 35 22.1 +0.1
SMRF	Simiane la Rot	53.57	32	eP	P	08 35 22.8 +0.7
SMRF	Simiane la Rot	53.57	32	eP	P	08 35 22.8 +0.7
LMR	La Moure	53.63	33	eP	P	08 35 22.5 -0.1
LMR	La Moure	53.63	33	eP	P	08 35 22.5 -0.1
LMR	La Moure	53.63	33	eP	P	08 35 22.5 -0.1
CCHI	Chillan	53.68	222	eP	P	08 35 23.5 +0.5
COLF	Collangettes	53.70	29	eP	P	08 35 23.7 +0.7
VIVF	Saint-Julien-L	53.71	30	eP	P	08 35 23.7 +0.6
VIVF	Saint-Julien-L	53.71	30	eP	P	08 35 23.7 +0.6
VIVF	Saint-Julien-L	53.71	30	eP	P	08 35 23.7 +0.6
AGO	Saint Agoulin	53.82	28	eP	P	08 35 24.3 +0.4
OCF	Saint Nazaire	53.84	31	eP	P	08 35 24.9 +0.8
OG26	St-Nazaire-De	53.84	31	eP	P	08 35 24.9 +0.8
GRR	Gorron	53.84	24	eP	P	08 35 23.7 -0.3
GRR	Gorron	53.84	24	eP	P	08 35 23.7 -0.3
GRR	Gorron	53.84	24	eP	P	08 35 23.7 -0.3
FRF	La Foret Royal	53.86	33	eP	P	08 35 24.2 0.0
FRF	La Foret Royal	53.86	33	eP	P	08 35 24.2 0.0
FRF	La Foret Royal	53.86	33	eP	P	08 35 24.2 0.0
SSB	Saint Sauveur	53.95	30	eP	P	08 35 25.1 +0.3
PLDF	La Plantede	53.99	29	eP	P	08 35 25.8 +0.6
BOG	Bois d'Agland	54.05	28	eP	P	08 35 25.7 +0.1
BGF	Bois d'Agland	54.05	28	eP	P	08 35 25.7 +0.1
BGF	Bois d'Agland	54.05	28	eP	P	08 35 25.7 +0.1
OSPF	L'Ospedale	54.07	36	eP	P	08 35 25.1 -0.7
OG25	Le Caire	54.10	32	eP	P	08 35 25.6 -0.4
CALN	Calern	54.12	33	eP	P	08 35 26.9 +0.8
FLN	La Folliere	54.29	24	eP	P	08 35 27.1 -0.2
FLN	La Folliere	54.29	24	eP	P	08 35 27.1 -0.2
FLN	La Folliere	54.29	24	eP	P	08 35 27.1 -0.2
LDF	La Druitiere	54.31	24	eP	P	08 35 27.1 -0.3
LDF	La Druitiere	54.31	24	eP	P	08 35 27.1 -0.3
LDF	La Druitiere	54.31	24	eP	P	08 35 27.1 -0.3
MVIF	Mont Viel	54.35	33	eP	P	08 35 28.6 +0.8
ORIF	Oris-en-Rattie	54.37	31	eP	P	08 35 29.0 +1.0
ORIF	Oris-en-Rattie	54.37	31	eP	P	08 35 29.0 +1.0
ORIF	Oris-en-Rattie	54.37	31	eP	P	08 35 29.0 +1.0
LUCF	Luceran	54.46	33	eP	P	08 35 29.1 +0.5
AVF	Avril sur Loir	54.46	28	eP	P	08 35 28.5 -0.1
AVF	Avril sur Loir	54.46	28	eP	P	08 35 28.5 -0.1
TOUF	Mont Tournerai	54.48	33	eP	P	08 35 29.6 +0.8
SBF	Sospel	54.48	33	eP	P	08 35 29.1 +0.3
SBF	Sospel	54.48	33	eP	P	08 35 29.1 +0.3
SBF	Sospel	54.48	33	eP	P	08 35 29.1 +0.3
HYF	Hunault	54.49	27	eP	P	08 35 28.9 +0.2
PGF	Pioggiola	54.51	35	eP	P	08 35 28.9 -0.1
PGF	Pioggiola	54.51	35	eP	P	08 35 28.9 -0.1
PGF	Pioggiola	54.51	35	eP	P	08 35 28.9 -0.1
GRN	Grenoble	54.53	31	eP	P	08 35 29.4 +0.3
SURF	Saint Ours	54.56	32	eP	P	08 35 30.8 +1.2
AUTN	L'Autilon	54.57	33	eP	P	08 35 30.3 +0.9
SMF	Signal de Mont	54.59	28	eP	P	08 35 29.6 +0.1
SMF	Signal de Mont	54.59	28	eP	P	08 35 29.6 +0.1
SAOF	Saorge	54.63	33	eP	P	08 35 30.5 +0.6
HTL	Harland	54.64	20	eP	P	08 35 27.8 -2.0
GDM	Grand Maison	54.69	31	eP	P	08 35 30.8 +0.5
MBDF	Montbardon	54.71	32	eP	P	08 35 31.5 +1.1
MBDF	Montbardon	54.71	32	eP	P	08 35 31.5 +1.1
MBDF	Montbardon	54.71	32	eP	P	08 35 31.5 +1.1

MBDF	comp=Z,263nm,1.4s,mb6.1	54.73	28	eP	P	08 35 30.4 -0.1
SSF	Saint Saule	54.73	28	eP	P	08 35 30.4 -0.1
SSF	Saint Saule	54.73	28	eP	P	08 35 30.4 -0.1
EMMW	East Machias	54.78	328	eP	P	08 35 31.2 +0.3
OG22	Abries	54.86	32	eP	P	08 35 32.2 +0.7
BNI	Bardonecchia	54.88	31	eP	P	08 35 32.6 +1.0
HEX	Exmor	54.93	20	eP	P	08 35 31.3 -0.6
OG05	Jurjorieux	54.94	30	eP	P	08 35 32.2 +0.1
LOR	Lormes	55.05	28	eP	P	08 35 32.7 -0.1
LOR	Lormes	55.05	28	eP	P	08 35 32.7 -0.1
LOR	Lormes	55.05	28	eP	P	08 35 32.7 -0.1
PLCA	Paso Flores	55.14	217	eP	P	08 35 33.8 +0.2
PLCA	Paso Flores	55.14				

Table with multiple columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like TREC, WWT, SZH, AKAS, etc.

LAO	comp=Z,6um,21.0s,M55.9	LR	LR						
LVZ	comp=Z,126nm,1.4s,mb5.7	MPX	PMAX						
LVZ	comp=Z,8um,18.0s,M56.1	MLR	MLR						
MVCO	Mesa Verde 80.20 308	PFAKE	LR	08 38 20.0 +8.1					
MVCO	Mesa Verde 80.20 308	LR	LR	08 38 12.7 +0.8					
319A	Douglas 80.25 302	UP	P	08 38 13.1 +0.8					
219A	White Tail Can 80.29 302	P	P	08 38 13.5 +1.0					
PV01	Paradox Valley 80.36 308	eP	P	08 38 13.5 +0.7					
119A	Ashepeak Ranch, 80.39 303	P	P	08 38 14.0 +0.9					
Z19A	T-Link Ranch 80.41 304	UP	P	08 38 14.2 +1.0					
Y19A	Nutrisio 80.47 304	UP	P	08 38 14.7 +1.2					
V19A	Window Rock 80.47 306	P	P	08 38 13.7 +0.3					
X19A	St. Johns 80.54 305	UP	P	08 38 14.6 +0.8					
MAK	Makhachkala 80.56 47c	iP	P	08 38 14.1 +0.4					
MAK		i	ePPP	08 38 21.4					
MAK		i	eSS	08 41 18.9					
MAK		i	eSS	08 43 15.1					
MAK		i	eSS	08 48 22.2 +1.4					
MAK		i	eSS	08 53 33.5 +0.2					
MAK	comp=Z,1.88nm,1.5s,mb5.8	PMAX	PMAX						
MAK	comp=N,23nm,0.4s	PMAX	PMAX						
MAK	comp=E,67nm,0.8s	PMAX	PMAX						
MAK	comp=Z,1.683um,4.0s	SMAX	SMAX						
MAK	comp=Z,1.909um,7.3s	SMAX	SMAX						
MAK	comp=N,310um,5.9s	SMAX	SMAX						
MAK	comp=E,2470um,7.7s	SMAX	SMAX						
W19A	Sanders 80.69 305	UP	P	08 38 15.1 +0.4					
PV10	Paradox Valley 80.75 309	eP	P	08 38 15.6 +0.7					
S19A	Harvey Farm, M 80.76 308	P	P	08 38 15.3 +0.4					
318A	Bisbee 80.86 302	P	P	08 38 16.5 +0.9					
R18A	Curley Farm, L 80.92 309	UP	P	08 38 16.6 +0.8					
119A	Homack Ranch, 80.94 303	UP	P	08 38 16.6 +0.6					
218A	Dragon 80.95 302	P	P	08 38 16.7 +0.6					
W18A	Petrified Fore 80.97 305	UP	P	08 38 16.2 +0.1					
Q19A	Hogan Spring (80.99 309	UP	P	08 38 17.0 +0.8					
Z18A	Geronom 81.04 303	UP	P	08 38 17.3 +0.8					
KBS	Kingsbay 81.06 8	eP	AMS	08 38 16.9 +1.2					
KBS		eSS	PP	08 41 19.7 -0.9					
KBS		eSS	PP	08 48 26.1 +1.3					
KBS		eSS	AMS	09 09 53.4					
KBS	comp=Z,4um,19.4s,M55.8	81.06 8	eP	MLR	MLR	08 38 15.7 0.0			
KBS	comp=Z,4um,19.0s,M55.8	81.09 305	P	P	08 38 17.6 +0.8				
X18A	Snowfall 81.10 304	P	P	08 38 17.6 +0.8					
Y18A	Canyon Day Jun 81.10 304	P	P	08 38 17.6 +0.8					
V18A	Ganado 81.19 306	UP	P	08 38 17.6 +0.4					
U18A	Rough Rock, Ch 81.21 307	P	P	08 38 17.9 +0.5					
T18A	Mexican Hat 81.28 307	UP	P	08 38 18.0 +0.3					
Z17A	San Carlos Hig 81.42 303	P	P	08 38 19.4 +0.9					
R18A	Canyonlands Na 81.42 309	P	P	08 38 18.7 +0.2					
S18A	Hurst Farm, BI 81.43 308	P	P	08 38 19.0 +0.5					
117A	Oracle 81.58 303	P	P	08 38 19.9 +0.5					
Z17A	Green Valley 81.59 302	P	P	08 38 19.8 +0.3					
T17A	Tucson 81.60 302	PFAKE	LR	08 38 30.0 +1.0					
BW06	Boulder Array 81.65 313	eP	LR	08 38 19.1 -0.5					
RLMT	Red Lodge 81.73 315	eP	P	08 38 19.9 -0.1					
RLMT	comp=Z,23nm,0.8s,mb5.2	LR	LR						
Y17A	Roosevelt 81.76 304	P	P	08 38 21.2 +0.9					
W17A	Winslow 81.77 305	UP	P	08 38 21.2 +0.8					
X17A	Forest Lakes 81.78 304	UP	P	08 38 21.4 +1.0					
U17A	Shonto 81.86 307	P	P	08 38 21.7 +0.9					
Z16A	Three Points, 82.15 302	UP	P	08 38 22.9 +0.5					
U16A	Tuba City 82.20 306	UP	P	08 38 23.4 +0.8					
Z16A	Peralta Trail, 82.22 303	P	P	08 38 23.6 +0.8					
Y16A	Circle Bar Ran 82.30 304	P	P	08 38 24.1 +0.9					
X16A	Lo Mia Camp, P 82.31 304	UP	P	08 38 24.3 +1.1					
WUAZ	Wupatki 82.34 306	eP	LR	08 38 24.3 +0.9					
WUAZ	comp=Z,150nm,1.1s,mb5.8	LR	LR						
WUAZ	comp=Z,2um,22.0s,M55.5	82.34 306	UP	P	08 38 24.4 +1.0				
116A	Eloy 82.40 303	UP	P	08 38 24.2 +0.5					
EGMT	Eggleton 82.44 318	eP	P	08 38 23.3 -0.3					
EGMT	Eggleton 82.44 318	UP	P	08 38 22.9 -0.6					
W16A	Flagstaff 82.44 305	P	P	08 38 25.1 +1.3					
LKWY	Lake 82.46 315	PFAKE	LR	08 38 40.0 +1.6					
Q16A	Castle Valley 82.47 309	UP	P	08 38 23.9 0.0					
TMUT	Trail Mountain 82.53 309	eP	P	08 38 24.5 +0.3					
T16A	Glen Canyon Da 82.57 307	P	P	08 38 25.4 +0.9					
DAU	Daniels Canyon 82.67 311	eP	P	08 38 25.7 +0.7					
TPAW	Teton Pass 82.74 314	eP	P	08 38 25.0 -0.3					
RES	Resolute Bay 82.77 346	eP	P	08 38 24.6 -0.2					
RES	Resolute Bay 82.77 346	P	P	08 38 25.0 +0.2					
AHID	Auburn Hatcher 82.78 313	PFAKE	LR	08 38 40.0 +1.5					
Z15A	Gila River Ind 82.83 303	UP	P	08 38 26.2 +0.2					
JLU	Jordanville 82.84 311	UP	P	08 38 26.0 +0.2					
O16A	Springville 82.84 310	UP	P	08 38 26.1 +0.2					
115A	Sonoran Desert 82.85 303	P	P	08 38 26.8 +0.8					
YMR	Madison River 82.88 315	PFAKE	LR	08 38 40.0 +1.4					
P16A	Fountain Green 82.91 310	UP	P	08 38 26.8 +0.6					
MPU	Maple Canyon 82.92 310	PFAKE	LR	08 38 40.0 +1.4					

MPU	comp=Z,5um,20.0s,M55.9	LR	LR						
DCDIT	Drake Creek 82.92 314	eP	P	08 38 26.7 +0.5					
X15A	Humboldt 82.97 304	UP	P	08 38 27.4 +0.8					
HWUT	Hardware Ranch 83.01 312	PFAKE	LR	08 38 40.0 +1.3					
V15A	Kaibab Nationa 83.02 306	UP	P	08 38 28.0 +1.1					
Y15A	Casa Rosa Ranc 83.02 304	P	P	08 38 27.6 +0.6					
W15A	Williams 83.05 305	UP	P	08 38 28.0 +1.0					
U15A	North Rim 83.15 306	P	P	08 38 28.5 +0.9					
MVU	Marysvalle 83.25 309	PFAKE	LR	08 38 40.0 +1.2					
MVU	comp=Z,3um,22.0s,M55.7	LR	LR						
T15A	Red Dirt Ranch 83.27 307	UP	P	08 38 28.2 +0.1					
R15A	Junction 83.28 308	P	P	08 38 29.1 +0.9					
Z14A	Organ Pipe Nat 83.29 302	P	P	08 38 29.1 +0.7					
S15A	Panguitch 83.30 308	UP	P	08 38 28.7 +0.4					
P15A	Leaning 83.38 310	UP	P	08 38 28.8 +0.2					
Q15A	Fillmore 83.42 309	UP	P	08 38 29.1 +0.2					
BOZ	Bozeman (W) 83.44 316	PFAKE	LR	08 38 40.0 +1.1					
BOZ	comp=Z,3um,19.0s,M55.7	LR	LR						
BOZ	Bozeman (W) 83.44 316	UP	P	08 38 28.8 -0.1					
Z14A	Wintersburg 83.49 303	UP	P	08 38 29.9 +0.6					
X14A	Yava 83.51 304	UP	P	08 38 30.2 +0.7					
SYO	Syowa Base 83.54 160	eP	P	08 38 28.0 -0.8					
SYO	Syowa Base 83.54 160	UP	P	08 38 31.5 +0.7					
Y14A	Wickenburg 83.57 304	UP	P	08 38 30.2 +0.4					
O15A	The Old Anders 83.58 310	UP	P	08 38 29.8 +0.1					
M15A	Larsen Ranch, 83.66 311	UP	P	08 38 29.6 -0.5					
N15A	Stansbury Isla 83.67 311	UP	P	08 38 30.0 -0.2					
T14A	Hunting 83.83 307	UP	P	08 38 31.0 0.0					
DUG	Dugway 83.84 310	UP	P	08 38 31.0 0.0					
R14A	James Farms, M 83.87 308	UP	P	08 38 32.1 +0.9					
U14A	Mt Trumbull 83.87 306	P	P	08 38 32.2 +0.9					
S14A	Cedar City 83.95 308	P	P	08 38 32.4 +0.8					
P14A	Drum Mountains 83.99 310	UP	P	08 38 32.4 +0.6					
G15A	Dillon 84.00 315	P	P	08 38 32.2 +0.5					
F15A	Butte 84.06 316	P	P	08 38 32.4 +0.4					
Q14A	Sevier Lake (B 84.11 309	UP	P	08 38 33.2 +0.8					
113A	Mohawk Valley, 84.14 303	UP	P	08 38 32.8 0.0					
N14A	Grayback Hills 84.17 311	UP	P	08 38 32.5 -0.2					
D15A	Lincoln 84.19 317	UP	P	08 38 32.7 0.0					
E15A	Deer Lodge 84.22 316	UP	P	08 38 32.6 -0.2					
MCMT	McKenzie Canyo 84.23 315	eP	P	08 38 33.6 +0.8					
Y13A	Salom 84.25 304	UP	P	08 38 33.7 +0.4					
K14A	Jones Ranch, D 84.29 313	UP	P	08 38 32.9 -0.3					
X13A	Yucca 84.29 305	P	P	08 38 34.1 +0.6					
M14A	Sheep Mountain 84.34 311	UP	P	08 38 32.9 -0.6					
W13A	Hualapai Mount 84.36 305	P	P	08 38 34.6 +0.8					
S13A	Holt Ranch, En 84.48 308	P	P	08 38 35.2 +0.9					
V13A	Grand Canyon W 84.48 306	P	P	08 38 34.9 +0.5					
T13A	Sail George 84.49 307	P	P	08 38 35.3 +0.9					
U13A	Pakoon Wash 84.50 306	UP	P	08 38 35.1 +0.7					
PDMO	Parker Dam,Lak 84.53 304	UP	P	08 38 34.9 +0.2					
R13A	O'Grain Ranch, 84.60 308	UP	P	08 38 35.8 +0.8					
F14A	Wisdom 84.67 316	UP	P	08 38 35.5 +0.4					
CHMT	Chamberlain Mo 84.68 313	UP	P	08 38 35.3 +0.2					
Q13A	Wheeler Ranch, 84.69 309	UP	P	08 38 35.6 +0.3					
G14A	Jackson 84.69 315	UP	P	08 38 35.6 +0.4					
P13A	Bates Ranch, G 84.71 309	UP	P	08 38 35.8 +0.3					
O13A	Hicks Ranch, I 84.73 310	UP	P	08 38 35.9 +0.3					
E14A	Clinton 84.81 316	UP	P	08 38 35.6 -0.1					
112A	Yuma 84.82 302	UP	P	08 38 36.0 -0.1					
L13A	Double Diamond 84.82 312	UP	P	08 38 35.8 -0.2					
Y12C	Blythe 84.83 304	UP	P	08 38 36.6 +0.4					
D14A	Greengrout 84.86 311	UP	P	08 38 35.7 -0.3					
N13A	Wendover, West 84.94 311	UP	P	08 38 36.6 0.0					
M13A	Montello 84.94 311	P	P	08 38 36.4 -0.2					
NEE2	Needles Airpor 84.95 305	UP	P	08 38 36.6 -0.2					
K13A	Stover Farm,								

MURC	Murrieta	87.05 303	↑P	P	08 38 47.1	-0.1
P09A	Austin	87.13 309	↓P	P	08 38 47.0	-0.4
Q09A	Carvers	87.15 309	↑P	P	08 38 47.2	-0.3
S09A	Goldfield	87.16 308	P	P	08 38 47.7	+0.1
TPH	Tonopah	87.16 308	PFAKE	LR	08 39 00.0	+12
O09A	Fish Creek Ran	87.19 310	↓P	P	08 38 47.7	0.0
BMN	Battle Mountai	87.22 310	PFAKE	LR	08 39 00.0	+12
GRAC	Grapevine Rang	87.26 307	↓P	P	08 38 48.4	+0.3
G10A	Bishop Farm, J	87.28 315	↓P	P	08 38 47.8	-0.3
E10A	Myers Farm, Un	87.31 316	↓P	P	08 38 47.1	-1.0
MPMC	Manual Prospec	87.33 306	P	P	08 38 49.0	+0.5
F10A	Beach Ranch, E	87.37 316	↑P	P	08 38 48.0	-0.5
BSY	Blisa	87.38 67	P	P	08 38 49.3	+0.3
BMO	Blue Mountains	87.39 315	P	P	08 38 48.6	0.0
M09A	Marre Ranch,	87.41 311	↓P	P	08 38 48.7	-0.1
DAC	Darwin (Calif)	87.42 306	PFAKE	LR	08 39 00.0	+11
D10A	Wagner Farm, O	87.44 317	P	P	08 38 47.7	-1.0
B10A	Chitwood Farm,	87.44 318	↓P	P	08 38 47.3	-1.4
BFSC	Mount Baldy St	87.44 304	↓P	P	08 38 48.9	-0.2
N09A	Rock Creek Ran	87.46 311	↓P	P	08 38 49.1	+0.1
C10A	Spiker Farm,	87.48 318	↑P	P	08 38 47.7	-1.2
LRMC	Laurel Mountai	87.49 305	P	P	08 38 49.3	0.0
HOQ	Hogain	87.49 67	P	P	08 38 49.1	-0.4
L09A	Wilkinson Ranc	87.59 312	↑P	P	08 38 49.7	+0.1
H09A	Durkee	87.65 314	↑P	P	08 38 50.1	+0.3
K09A	Rome	87.65 313	↓P	P	08 38 50.0	+0.2
A10A	Northport	87.68 319	↓P	P	08 38 49.1	-0.7
J09A	Fry Pan Ranch,	87.68 313	↓P	P	08 38 50.4	+0.3
I09A	Lost Marbles R	87.69 314	↑P	P	08 38 49.9	-0.1
EDW2	Edwards Air Fo	87.72 305	↓P	P	08 38 50.2	-0.2
O08A	Gabbs	87.73 309	↑P	P	08 38 49.6	-0.8
G09A	Cove	87.74 315	↓P	P	08 38 50.3	0.0
MWC	Mount Wilson	87.77 304	PFAKE	LR	08 39 00.0	+9.3
CWC	Cottonwood Cre	87.82 306	↑P	P	08 38 50.7	-0.1
F09A	S2 Ranch, Elgi	87.84 316	↑P	P	08 38 50.1	-0.7
P08A	Dixie Valley	87.86 310	↑P	P	08 38 50.6	-0.4
R08A	Mina	87.86 308	↓P	P	08 38 51.0	0.0
SOKR	Solikamsk	87.89 310	P	P	08 38 51.1	+0.5
SOKR	SOKR	08 49 19.6	SS	SS	08 55 23.1	+2.5
S09C	White Mtn Res	87.90 307	P	P	08 38 52.1	+0.9
N08A	GE Springer Mi	87.92 311	↑P	P	08 38 51.1	-0.1
O08A	Rochester Mine	87.93 310	↑P	P	08 38 51.1	-0.2
TIN	Tinemaha	87.94 307	↑P	P	08 38 51.4	0.0
FMP	Fort Macarthur	87.97 304	↑P	P	08 38 51.9	+0.3
DECC	Green Verdugo	88.00 304	↓P	P	08 38 51.4	-0.4
NVAR	Mina Array Bea	88.02 308	P	P	08 38 51.5	-0.2
NVAR	NVAR	08 56 47.6	PKKPbc	PKKPbc	09 04 50.5	+9.3
E09A	Wood Farm, Sta	88.02 316	↑P	P	08 38 50.8	-0.8
L08A	Fields	88.10 312	↓P	P	08 38 52.5	+0.5
M08A	Happy Creek Ra	88.11 311	↓P	P	08 38 52.0	-0.1
ISA	Isabella	88.13 305	PFAKE	LR	08 39 00.0	+7.7
ISA	Isabella	88.13 305	↓P	P	08 38 52.7	+0.4
C09A	Chrisman Ranch	88.13 318	↓P	P	08 38 51.0	-1.0
D09A	Jones Farm, Ri	88.14 317	↓P	P	08 38 51.3	-0.8
SMD0	Samad	88.17 67	↑P	P	08 38 52.5	-0.2
J08A	Circle Bar Ran	88.21 313	P	P	08 38 52.6	+0.1
K08A	Mann Creek Ran	88.21 313	↓P	P	08 38 52.8	+0.2
I08A	Drewsey	88.28 314	↓P	P	08 38 52.9	+0.1
VVOR	Wild Horse Val	88.32 312	P	P	08 38 53.4	+0.3
OSI	Osito Adit	88.33 304	↑P	P	08 38 53.4	+0.1
A09A	Danville	88.36 319	↑P	P	08 38 52.3	-0.8
H08A	Prairie City	88.36 314	P	P	08 38 53.0	-0.3
ARVC	Arvin	88.42 305	↓P	P	08 38 54.0	+0.3
Q07A	Schurz	88.42 309	↓P	P	08 38 53.4	-0.2
MLAC	Mammoth Lakes	88.43 307	↑P	P	08 38 54.2	+0.5
F08A	Pendleton	88.45 316	↑P	P	08 38 54.3	+0.7
O07A	Toulon	88.48 310	↓P	P	08 38 53.5	-0.4
P07A	Fallon	88.49 309	↓P	P	08 38 54.2	+0.3
N07B	Gerlach	88.56 311	↑P	P	08 38 53.7	-0.5
D08A	Wollman Farm,	88.56 317	↑P	P	08 38 53.5	-0.6
G08A	Pilot Rock	88.57 315	↑P	P	08 38 53.2	-1.0
HELL	Mitchell Peak	88.58 306	P	P	08 38 54.3	-0.2
R07C	Lee Vining	88.60 308	↑P	P	08 38 55.0	+0.4
BLG	Laguna Peak	88.61 304	↑P	P	08 38 54.6	0.0
VES	Vestal, Richgr	88.62 306	↑P	P	08 38 54.2	-0.5
C08A	Higginbotham F	88.65 318	↓P	P	08 38 54.6	+0.1
E08A	Dider Farm, El	88.65 316	↓P	P	08 38 53.9	-0.7
M07A	Soldier Meadow	88.71 311	↓P	P	08 38 54.6	-0.3
ARU	Arti	88.75 34	P	P	08 38 55.5	+0.7
ARU	Arti	88.75 34	P	P	08 38 54.4	-0.4

ARU	ARU	88.75 306	P	P	08 38 55.0	-0.3
RCTC	Recto, Farmer	88.75 306	P	P	08 38 55.0	-0.3
K07A	Rock Creek Ran	88.77 312	↑P	P	08 38 55.1	-0.1
A08A	Turner Farm, O	88.81 319	↓P	P	08 38 54.6	-0.6
J07A	Hines	88.82 313	↓P	P	08 38 55.6	+0.2
KCC	Kaiser Creek	88.82 307	↑P	P	08 38 55.1	-0.4
L07A	Adel	88.84 312	↑P	P	08 38 55.1	-0.4
B08A	Colville Reser	88.85 318	↑P	P	08 38 54.3	-1.1
R06C	Coleville	88.92 308	↓P	P	08 38 54.7	-1.3
SNCC	San Nicolas Is	88.99 303	PFAKE	LR	08 39 10.0	+14
G07A	Ruggs Ranch, H	89.08 315	↓P	P	08 38 56.2	-0.3
BSC	Santa Cruz Isl	89.08 304	↑P	P	08 38 56.4	-0.4
T06C	Milton Lake	89.13 307	↑P	P	08 38 55.9	-1.1
MDW	Midway	89.14 316	↓P	P	08 38 57.1	+0.3
SBC	Santa Barbara	89.15 304	↓P	P	08 38 56.8	-0.3
WCN	Washeo City	89.16 309	↓P	P	08 38 56.9	-0.1
E07A	Sunnyside	89.20 316	↓P	P	08 38 56.9	-0.2
O06A	Flanigan	89.21 310	↓P	P	08 38 57.2	-0.1
N06A	Buffalo Meadow	89.21 311	↑P	P	08 38 57.0	-0.3
PKM	Peak Mountain	89.23 305	↑P	P	08 38 58.0	+0.5
S06C	San Francisco	89.24 308	↑P	P	08 38 57.5	0.0
F07A	Phinny Hill Vi	89.25 316	↑P	P	08 38 56.9	-0.5
P06A	Stead Airport,	89.27 309	↑P	P	08 38 57.5	0.0
D07A	Quincy	89.28 317	↑P	P	08 38 56.9	-0.6
V05C	Boulder Hill,	89.29 306	↓P	P	08 38 57.5	-0.3
C07A	Waterville	89.34 317	↑P	P	08 38 56.7	-1.1
B07A	Winthrop	89.37 318	↑P	P	08 38 57.0	-0.9
SMM2	Simmler	89.38 305	↑P	P	08 38 58.5	+0.3
R05C	Kirkwood Meado	89.41 309	↑P	P	08 38 58.7	+0.4
J06A	Christmas Vall	89.43 313	↓P	P	08 38 58.1	-0.2
U05C	Westside ANR,	89.46 306	↓P	P	08 38 57.5	-1.1
I06A	Prineville	89.47 314	↓P	P	08 38 58.2	-0.2
K06A	Valley Falls	89.51 313	↑P	P	08 38 58.8	+0.2
A07A	Ashnola River,	89.54 319	↓P	P	08 38 58.5	-0.2
H06A	Lindquist Farm	89.55 315	↓P	P	08 38 58.9	+0.1
MOD	Modoc	89.56 312	PFAKE	LR	08 39 10.0	+11
MOD	Modoc	89.56 312	↑P	P	08 38 58.5	-0.4
BEKR	Bearw, SNR=13	89.62 310	↓P	P	08 38 59.3	0.0
S05C	Merced	89.62 307	↑P	P	08 38 59.1	-0.2
CMB	Columbia Colle	89.66 308	eP	LR	08 38 59.8	+0.4
CMB	CMB	89.66 308	↑P	P	08 38 59.2	-0.3
M06C	Likely Place G	89.69 311	↑P	P	08 38 59.4	-0.1
G06A	Carlson Farm,	89.76 315	↑P	P	08 38 59.8	+0.1
PKD	Parkfield	89.81 306	↑P	P	08 38 59.7	-0.5
P05C	Yuba Gap, Truc	89.82 309	↓P	P	08 38 59.9	-0.2
F06A	Goldendale	89.85 316	↑P	P	08 38 59.9	-0.3
D06A	Cle Elum	89.88 317	↑P	P	08 38 59.3	-0.9
ELFS	Eagle Lake Fie	89.89 310	↑P	P	08 39 00.1	-0.4
SVE	Sverdlorsk	89.90 33j	eP	P	08 39 01.2	+1.1
SVE	SVE	08 49 32.7	eS	S	-20	
SVE	SVE	08 39 01.2	pmx	pmx		
T05C	Eagle Field, D	89.90 307	↑P	P	08 39 00.5	-0.1
LAVA	Lava Cap Winer	89.93 309	↑P	P	08 39 00.5	-0.3
L05A	Lakeview	89.95 312	↑P	P	08 39 00.9	+0.2
E06A	Yakima	89.98 316	↑P	P	08 39 00.6	-0.2
K05A	Summer Lake	89.98 313	↓P	P	08 39 00.6	-0.3
U04C	Hernandez Res	90.00 306	↓P	P	08 39 01.0	-0.1
O05C	Quincy	90.05 310	↑P	P	08 39 01.0	-0.2
V04C	Ramage Ranch,	90.08 305	↑P	P	08 39 00.6	-0.9
R04C	Big Horse Ranc	90.09 308	↑P	P	08 39 01.5	0.0
O04C	Chester	90.17 310	↓P	P	08 39 01.1	-0.7
H05A	Madras	90.19 314	↑P	P	08 39 01.2	-0.6
M05C	Lookout	90.19 311	↑P	P	08 39 01.4	-0.5
J05A	Fort Rock	90.22 313	↑P	P	08 39 02.4	+0.4
I05A	Bend	90.23 314	↑P	P	08 39 02.5	+0.6
A06A	Chilliwack	90.26 319	↑P	P	08 39 01.0	-1.0
B06A	Marblemount	90.28 318	↑P	P	08 39 02.2	+0.1
F05A	White Salmon	90.33 316	↓P	P	08 39 02.4	0.0
LBCM	Butte Creek Ri	90.36 311	P	P	08 39 02.5	-0.2
V03C	Hunter Liggett	90.37 306	↑P	P	08 39 02.3	-0.5
PACP	Pacheco Peak	90.37 307	↑P	P	08 39 01.8	-1.1
S04C	Ingram Canyon,	90.41 307	↑P	P	08 39 02.7	-0.3
Q04C	Lincoln	90.42 309	↓P	P	08 39 02.9	-0.1
HATC	Hat Creek Radi	90.44 311	↓P	P	08 39 01.8	-1.3
ORV	Oroville	90.50 309	↑P	P	08 39 02.6	-0.8
E05A	Randle	90.52 316	↓P	P	08 39 02.0	-1.3
K04A	Chiquin	90.60 312	↓P	P	08 39 03.1	-0.6
HAST	Hastings Reser	90.62 306	↑P	P	08 39 03.6	-0.4
D05A	Gnumclaw	90.66 317	↑P	P	08 39 02.3	-1.6
A05A	Maple Falls	90.66 319	↓P	P	08 39 03.0	-0.9
B05A	Maple Falls	90.69 318	↑P	P	08 39 02.7	-1.4
L04A	Klamath Falls	90.73 312	↑P	P	08 39 03.9	-0.5
SUTB	Sutter Butte	90.73 309	↓P	P	08 39 03.6	-0.9

GSPA	South Pole Qui	90.79 180	P	P	08 39 04.9	+1.1
BDM	Black Diamond	90.86 308	↑P	P	08 39 05.1	+0.1
J04A	Umpqua Nationa	90.83 313	↑P	P	08 39 05.5	-0.4
H04A	Detroit Lake	90.87 315	↓P	P	08 39 04.0	-1.0
O03C	Acorn Hollow,	90.90 310	↓P	P	08 39 04.1	-1.1
Q03C	Winters	90.93 308	↑P	P	08 39 05.1	-0.3
M03C	McCloud	90.93 311	↓P	P	08 39 04.0	-1.4
F04A	Amboy	90.99 316	↑P	P	08 39 04.3	-1.2
G04A	Molino	91.06 315	↓P	P	08 39 04.7	-1.1
A04A	Legoe Bay, Lum	91.08 319	↓P	P	08 39 04.6	-1.3
D04A	Dobbs Creek Ra	91.21 317	↓P	P	08 39 05.2	-1.3
MNRC	McLaughlin Nat	91.25 309	↓P	P	08 39 06.3	-0.6
WDC	Whiskeytown Da	91.27 310	PFAKE	LR	08 39 20.0	+13
WDC						

3d 8h

Table of flight arrivals and departures for 3 days, 8 hours. Columns include airline code, flight number, origin, arrival time, and status.

2007 JUL

Table of flight arrivals and departures for 2007 July. Columns include airline code, flight number, origin, arrival time, and status.

Table of flight arrivals and departures for 2007 July, including a detailed section for CSEM 03 08:29:02.2, 3264N-4673E, h18km, ML2.7, After THR.

1.3nm,0.8s,baz=59,slow=3.5,SNR=4.3
FINES FINESS Array B 149.94 336 PKPbc PKPbc 08 52 17.9 +3.2

ISCJB 03 08:33:41.3:1.0,3934N:003:202E:01,h10km,Error
ellipse: s-maj=12.1km s-min=5.0km az=1.0
ATH 03 08:33:41.7,3930N:2023E,h29km,7km,MD3.4/5,After
NEIC 03 08:33:41.7,3930N:2023E,h29km,MD3.4(ATH),After
ATH

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kerkira, Janina, Valsamata, Evrytania, Riolos of Patr, Ohrid, Krusevo.

NIED 08:44:00,4670N:15300E,h8km,Mw4.1 Best double
couple: M0.79000:1015 NP1.720000:0.851.00000:
lambda.12.00000: NP2.219.00000: delta.44.00000: lambda.65.00000:
IDC 03 08:44:23.4:0.4,4623N:15309E,h0km,mb4.0/14,
mb1.4/1.15,mb1mx4.0/23,mbmp4.0/15,ML3.6/1,Error
ellipse: s-maj=23.9km s-min=19.3km az=135.0

ISCJB 03 08:44:27.6:1.1,4621N:009:1531E:01,h45km,gkm,
mb4.0/15,Error ellipse: s-maj=18.2km s-min=7.0km
az=140.2
NEIC 03 08:44:28.2:4.1,4623N:15300E,h31km,27km,mb4.5/2,
Error ellipse: s-maj=19.9km s-min=12.0km az=168.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kuril'sk, Severo-Kuril'sk, Yuzh-Kuril'sk, Nemuro 2, Rausu, Nakash, Akkeshi, Abashiri-Toko, Yuzh-Sakhalins, Maruseppu, Ashorobuto, Onbets, Petropavlovsk-K, Petropavlovsk, Kamakawa 2, Asahikawa, Asahikawa, Churui, Urakawa-nobuka, Noboribetsu, Kayabe, Nango, Tenmabayashi, Tanohata, Magadan, Korea Array, Inuvik, Zalesovo Beam, Zalesovo, Makanchi Array, Makanchi Array, Kurchatov, Kurchatov, Borovoye Array, Borovoye Array, Yellowknife Ar, Yellowknife Ar, Yellowknife Ar, ARCES ARCES Array B, FINESS Array B, FINESS Array B, FINESS Array B, Warramunga Arr, Warramunga Arr, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, ASAR Alice Springs, ASAR Alice Springs, AKASG Malin Array Be.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like AKASG Malin Array Be, KIEV Kiev, COLL Collim, TXAR Lajitas Array, TXAR Lajitas Array, GERES GERESE Array B, GERES GERESE Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MAN 03 05:26:26,1828N:12067E,h11km,mb3.9,ML2.7,MS2.3, ID,Luzon, ABRA Dolores, APYV Conner, CVP Caliao Caves, GCPP Mt. Cagua, CAUP Cauayan, BALP Baler.

ISCJB 03 08:51:20.9:1.4,3809N:005:414E:01,h2km,19km,Error
ellipse: s-maj=18.2km s-min=7.5km az=168.0
CSEM 03 08:51:21.0,3804N:4135E,h6km,MD2.9,After ISK
ISK 03 08:51:21.0,3804N:4135E,h6km,MD2.9
ISC 03 08:51:21.8:0.7,3816N:005:4148E:008,h11km,gkm,n8,
o#893/13, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BATM Batman, SIRT Sirnak, MARD Mardin, BING BINGol, SVRC Sivrice-ELAZID, PTK Pertek, URFA Urfa, MALT Malatya.

ISCJB 03 09:18:37.1:0.5,1073N:003:6230W:003,h85km,gkm,
Error ellipse: s-maj=5.2km s-min=3.7km az=152.2
FUNV 03 09:18:40.0,1070N:6230W,h70km,MW3.2
TRN 03 09:18:41.4,1087N:6205W,h75km,MD3.0
NEIC 03 09:18:41.4,1087N:6205W,h75km,MD3.0(TRN),After
TRN

ISC 03 09:18:38.1:0.5,1074N:003:6230W:002,h78km,gkm,n25,
o#171/45,4C-20,Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like GUIV Guiria, TCE Chacachacare, GUN Guanoco, TRN Trinidad (W), CRUV Carupano, TTP Pointe-a-Pierre, ITEV Isla Los Testi, TBH Brigand Hill, TBH Prospect, GRS Sauteres, GRIS Isle de Caille, GRSS Sisters, TOSP Speyside, ORIV Oritupano, PCRV Puerto La Cruz, IBAV Isla La Blanqu, RIOV Rio Grande, BELM Belmont, SVB Svb, GURV El Guri, CUPV Copeira, BIRV Birongo, MERV Las Mercedes, LUEV Luepa, CAOY Caicara del Or, BAUV El Baul.

ISCJB 03 09:57:45.5:0.7,3928N:003:2013E:008,h10km,Error
ellipse: s-maj=8.6km s-min=3.7km az=173.2
CSEM 03 09:57:46.9:0.2,3929N:2026E,h8km,ML2.9,Error
ellipse: s-maj=5.2km s-min=2.5km az=88.0
ATH 03 09:57:46.6,3929N:2025E,h18km,2km,MD3.3/6
THE 03 09:57:46.8,3927N:2025E,h0km,ML2.9
NEIC 03 09:57:46.8,3927N:2025E,h0km,MD3.3(ATH),

ISC 03 09:57:46.9:0.7,3928N:002:2027E:006,h1km,gkm,n20,
o#897/32,Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like IGT Igoumenitsa, KIEV Kerkira, KEK Kerkira, KEK Kerkira, JAN Janina, JAN Janina, JAN Janina, LKD Levkas, MEV Metsovon, VLS Valsamata, VLS Valsamata, VLS Valsamata, KFL Anninota, EVR Evrytania, EVR Evrytania, RLS Riolos of Patr, KZN Kozani, KZN Kozani.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like AGG Agios Georgios, FNA Florida, KRUS Krusevo, KRUS Krusevo, KRUS Krusevo.

ISCJB 03 10:06:47.8:0.7,2352S:005:17919E:004,h53km,gkm,
mb4.6/49,Error ellipse: s-maj=8.6km s-min=5.2km
az=162.2
NEIC 03 10:06:48.6:0.8,2354S:18000E,h540km,gkm,mb4.6/27,
Error ellipse: s-maj=8.6km s-min=5.2km az=165.0

B/JI 03 10:06:48.0,2350S:18000E,h53km,gkm,mb4.6,mb4.5
IDC 03 10:06:49.5:0.6,2350S:17919E,h54km,gkm,mb4.1/16,
mb1.4/2.16,mb1mx4.1/16,mbmp4.1/16,Error ellipse:
s-maj=10.4km s-min=9.8km az=144.0

DJA 03 10:07:05,2371S:17854E,h65km,mb5.0/19
ISC 03 10:06:48.4:0.7,2356S:006:17979E:004,h53km,gkm,
h53km,6.6km,p-P,n382,o#55/358,mb4.6/49,88C-72D,
South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, DZM Mont Dzumac, PUK Puketiti, URU Urewera, URZ Urewera, URZ Urewera, MWZ Matawai, QRZ Quartz Range, KHZ Kahurata, LTZ Lake Taylor, RPZ Rata Peaks, HNR Honiara, ARMA Armidale, EIDS Eidsvoll, CNB Canberra Magne, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, TOO Tooula, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KAKA Kakadu, KAKA Kakadu, FORT Fort, HKL Haleakala, GUMO Guam, FITZ Fitzroy Crossi, FITZ Vanda, VANDA Vanda, KLBR Kellerberr, MBWA Marble Bar, MBWA Marble Bar, MBUN Mundaring, MBUN Chichi jima, QSPA South Pole Qui, QSPA South Pole Qui, KKM Kota Kinabalu, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, KSM Kuching, KSRK Korea Array, PETK Petropavlovsk, V04C Ramage Ranch, HAKT Hastings Reser, HAKT Parkfield, U04C Hernandez Rese, PACPK Pacheco Peak, P01C Double 8 Ranch, S04C Ingram Canyon, MNRC MacLaughlin Nat, JCC Jacoby Creek, VES Vestal, Richgr, GASS Alder Springs, MONP Monument Peak, EDWZ Edwards Air Fo, KHMM Horse Mountain, T06C Millerton Lake, ISA Isabela, ISA Isabela, O02C Red Bluff.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like HNR Honiara, ARMA Armidale, EIDS Eidsvoll, CNB Canberra Magne, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, TOO Tooula, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KAKA Kakadu, KAKA Kakadu, FORT Fort, HKL Haleakala, GUMO Guam, FITZ Fitzroy Crossi, FITZ Vanda, VANDA Vanda, KLBR Kellerberr, MBWA Marble Bar, MBWA Marble Bar, MBUN Mundaring, MBUN Chichi jima, QSPA South Pole Qui, QSPA South Pole Qui, KKM Kota Kinabalu, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, KSM Kuching, KSRK Korea Array, PETK Petropavlovsk, V04C Ramage Ranch, HAKT Hastings Reser, HAKT Parkfield, U04C Hernandez Rese, PACPK Pacheco Peak, P01C Double 8 Ranch, S04C Ingram Canyon, MNRC MacLaughlin Nat, JCC Jacoby Creek, VES Vestal, Richgr, GASS Alder Springs, MONP Monument Peak, EDWZ Edwards Air Fo, KHMM Horse Mountain, T06C Millerton Lake, ISA Isabela, ISA Isabela, O02C Red Bluff.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like HNR Honiara, ARMA Armidale, EIDS Eidsvoll, CNB Canberra Magne, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, TOO Tooula, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KAKA Kakadu, KAKA Kakadu, FORT Fort, HKL Haleakala, GUMO Guam, FITZ Fitzroy Crossi, FITZ Vanda, VANDA Vanda, KLBR Kellerberr, MBWA Marble Bar, MBWA Marble Bar, MBUN Mundaring, MBUN Chichi jima, QSPA South Pole Qui, QSPA South Pole Qui, KKM Kota Kinabalu, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, KSM Kuching, KSRK Korea Array, PETK Petropavlovsk, V04C Ramage Ranch, HAKT Hastings Reser, HAKT Parkfield, U04C Hernandez Rese, PACPK Pacheco Peak, P01C Double 8 Ranch, S04C Ingram Canyon, MNRC MacLaughlin Nat, JCC Jacoby Creek, VES Vestal, Richgr, GASS Alder Springs, MONP Monument Peak, EDWZ Edwards Air Fo, KHMM Horse Mountain, T06C Millerton Lake, ISA Isabela, ISA Isabela, O02C Red Bluff.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like HNR Honiara, ARMA Armidale, EIDS Eidsvoll, CNB Canberra Magne, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, TOO Tooula, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KAKA Kakadu, KAKA Kakadu, FORT Fort, HKL Haleakala, GUMO Guam, FITZ Fitzroy Crossi, FITZ Vanda, VANDA Vanda, KLBR Kellerberr, MBWA Marble Bar, MBWA Marble Bar, MBUN Mundaring, MBUN Chichi jima, QSPA South Pole Qui, QSPA South Pole Qui, KKM Kota Kinabalu, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, KSM Kuching, KSRK Korea Array, PETK Petropavlovsk, V04C Ramage Ranch, HAKT Hastings Reser, HAKT Parkfield, U04C Hernandez Rese, PACPK Pacheco Peak, P01C Double 8 Ranch, S04C Ingram Canyon, MNRC MacLaughlin Nat, JCC Jacoby Creek, VES Vestal, Richgr, GASS Alder Springs, MONP Monument Peak, EDWZ Edwards Air Fo, KHMM Horse Mountain, T06C Millerton Lake, ISA Isabela, ISA Isabela, O02C Red Bluff.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like K14A Jones Ranch, H12A Diamond D, JLU Jordanelle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VVDA Vanda, VVDA Vanda, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, NVAR Mina Array, DBIC Dimboko, etc.

Bottom section containing various codes and station names, including IDC 03 11:23:30.7, 5.2, 6524S, 17883E, h0km, mb3.5/3, etc.

YFT L13A	Old Faithful	55.85	60	eP	P	13 17 05.8 +1.3
R07C	Double Diamond	55.87	64	P	P	13 17 05.6 +1.0
P09A	Lee Vining	55.87	71	P	P	13 17 05.8 +1.1
Q08A	Austin	55.91	68	↑P	P	13 17 05.4 +0.5
K14A	Gabbs	55.95	69	↓P	P	13 17 05.8 +0.5
NVAR	Jones Ranch, D	55.96	63	↓P	P	13 17 06.0 +0.7
NVAR	Mina Array	56.05	70	P	P	13 17 06.6 +0.6
NVAR	Mina Array B	56.05	70	P	P	13 17 06.6 +0.6
NVAR	comp=Z, 2.8nm, 0.7s, mb4.9, baz=296, slow=7.8, SNR=69					
NVAR	comp=Z, 5.2nm, 0.7s, baz=302, slow=7.7, SNR=7.3					
KK31	Karatay Array	56.28	298	iP	P	13 17 04.0 -1.2
V03C	Hunter Liggett	56.09	74	↑P	P	13 17 06.8 +0.5
KLMM	Klimovskoe	56.11	329	eP	P	13 17 05.1 -0.9
U04C	Hernandez Rese	56.11	73	↓P	P	13 17 06.4 -0.1
ELK	Elko	56.11	66	eP	P	13 17 06.8 +0.4
ELK	Elko	56.11	66	eP	P	13 17 06.8 +0.4
ELK	Elko	56.11	66	eP	P	13 17 06.8 +0.4
N12A	Clover Valley	56.15	66	↓P	P	13 17 07.3 +0.7
FLWY	Flagg Ranch	56.18	60	eP	P	13 17 07.4 +0.6
RLMT	Red Lodge	56.19	58	eP	P	13 17 07.5 +0.6
RLMT	comp=Z, 1.5nm, 0.8s, mb5.1					
IMW	Indian Meadow	56.19	60	eP	P	13 17 06.1 -0.8
IMW	comp=Z, 7.7nm, 0.7s, mb4.8					
P10A	Eureka	56.23	68	↑P	P	13 17 08.0 +0.7
KCC	Kaiser Creek	56.26	71	↓P	P	13 17 07.6 +0.2
M13A	Montelli	56.26	65	↓P	P	13 17 07.6 +0.2
T06C	Millerton Lake	56.26	72	↓P	P	13 17 07.3 -0.2
O11A	Cowboy Ranch,	56.31	67	↓P	P	13 17 08.1 +0.2
Q09A	Carvers	56.39	69	↑P	P	13 17 08.8 +0.4
MOOV	Moose Ponds	56.39	60	eP	P	13 17 07.6 -0.7
MOOV	comp=Z, 9.2nm, 1.3s, mb4.7					
TPAW	Teton Pass	56.47	61	eP	P	13 17 10.1 +0.6
LOHW	Long Hollow	56.56	61	eP	P	13 17 10.1 +0.6
LOHW	comp=Z, 4.1nm, 0.6s, mb4.6					
N13A	Wendover, West	56.59	65	↑P	P	13 17 10.1 +0.4
M14A	Sheep Mountain	56.60	64	eP	P	13 17 10.4 +0.6
REDW	Red Top Meadow	56.61	61	eP	P	13 17 11.0 +1.2
REDW	comp=Z, 6.2nm, 0.8s, mb4.7					
P11A	Circle Ranch,	56.67	67	↑P	P	13 17 11.1 +0.7
O12A	Currie	56.71	66	P	P	13 17 11.4 +0.7
JOF	Joensuu	56.74	334	eP	P	13 17 09.2 -1.3
JOF	Joensuu	56.74	334	eP	P	13 17 09.2 -1.3
JOF	comp=Z, 5.0nm, 0.3s, mb5.0					
S08C	White Mtn Res	56.78	71	P	P	13 17 12.1 +1.0
R09A	Tonopah	56.87	69	P	P	13 17 12.1 +0.4
HELL	Mitchell Peak	56.88	72	P	P	13 17 11.8 -0.1
TPH	Tonopah	56.90	69	eP	P	13 17 12.7 +0.7
AKTO	Aktuybinsk	56.97	312	LR	P	13 17 41.1 +1.3
AKTO	Aktuybinsk	56.97	312	iP	P	13 17 41.1 +1.3
M15A	Larsen Ranch,	57.10	63	↓P	P	13 17 10.7 -1.7
N14A	Grayback Hills	57.14	64	↓P	P	13 17 14.1 +0.5
S09A	Goldfield	57.15	70	P	P	13 17 14.2 +0.5
BGU	Big Grassy Mou	57.17	64	eP	P	13 17 14.4 +0.5
P12A	McGill	57.19	67	eP	P	13 17 14.5 +0.5
Q11A	Duckwater	57.22	68	↓P	P	13 17 14.1 -0.1
O13A	Hicks Ranch, I	57.22	66	↑P	P	13 17 14.2 0.0
R10A	Warm Springs	57.26	69	P	P	13 17 15.0 +0.5
SMCC	Simmler	57.30	74	↓P	P	13 17 15.2 +0.3
S10A	Tonopah Range,	57.36	69	↑P	P	13 17 15.1 -0.1
YES	Vestal, Richgr	57.45	73	↓P	P	13 17 15.3 -0.6
HWUT	Hardware Ranch	57.47	63	eP	P	13 17 16.5 +0.6
HWUT	comp=Z, 2.5nm, 1.0s, mb5.2					
N15A	Stansbury Isla	57.47	64	↓P	P	13 17 16.2 +0.2
CHTO	Chiang Mai	57.49	257	eP	P	13 17 16.7 +0.3
CHTO	Chiang Mai	57.49	257	eP	P	13 17 16.7 +0.3
CHTO	comp=Z, 5.8nm, 0.5s, mb4.9					
SFJD	Kangerlussuaq	57.52	13	↓P	P	13 17 14.8 -1.1
SFJD	comp=Z, 2.8nm, 0.4s, mb5.7					
SFJD	comp=Z, 2.8nm, 0.4s, mb5.7					
Q12A	Willow Creek R	57.54	67	↑P	P	13 17 16.7 +0.3
GRAC	Grapevine Rang	57.58	70	↓P	P	13 17 17.2 +0.3
CWC	Cottonwood Cre	57.59	71	P	P	13 17 17.3 +0.5
TAPN	Tablejungi	57.60	273	eP	P	13 17 17.2 +0.1
R11A	Troy Canyon, C	57.61	68	P	P	13 17 17.1 +0.1
P13A	Bates Ranch, G	57.69	66	↑P	P	13 17 17.7 +0.3
BW06	Boulder Array	57.70	61	eP	P	13 17 17.8 +0.3
BW06	comp=Z, 2.2nm, 0.8s, mb5.2					
CM31	Chiang Mai Arr	57.77	257	eP	P	13 17 18.9 +0.6
CMAR	Chiang Mai Arr	57.77	257	eP	P	13 17 18.9 +0.6
CMAR	comp=Z, 3.7nm, 0.6s, mb4.6, baz=27, slow=6.3, SNR=20					
DUG	Dugway	57.81	65	eP	P	13 17 18.8 +0.5
DUG	comp=Z, 1.7nm, 1.3s, mb4.9					
DUG	Dugway	57.81	65	eP	P	13 17 18.8 +0.5
DUG	Dugway	57.81	65	eP	P	13 17 18.8 +0.5
DUG	comp=Z, 1.7nm, 1.3s, mb4.9					
ISA	Isabella	57.92	72	eP	P	13 17 18.4 -0.7
ISA	Isabella	57.92	72	eP	P	13 17 18.5 -0.7
ISA	comp=Z, 3.0nm, 0.6s, mb4.5					
ISA	Isabella	57.92	72	↑P	P	13 17 18.4 -0.8

S11A	Rachel	58.03	69	↑P	P	13 17 19.8 -0.1
Q13A	Wheeler Ranch,	58.04	67	↑P	P	13 17 20.2 +0.3
P14A	Drum Mountains	58.10	65	↑P	P	13 17 20.5 +0.1
ODAN	Odare	58.16	273	eP	P	13 17 20.3 -0.7
R12A	Pony Springs,	58.17	67	↓P	P	13 17 20.9 0.0
MPMC	Manual Prospec	58.19	71	P	P	13 17 21.0 -0.1
TPNV	Topopah Spring	58.25	70	eP	P	13 17 21.6 +0.2
TPNV	comp=Z, 1.5nm, 0.9s, mb5.0					
TPNV	Topopah Spring	58.25	70	eP	P	13 17 21.6 +0.2
TPNV	comp=Z, 1.5nm, 0.9s, mb5.0					
TPNV	Topopah Spring	58.25	70	P	P	13 17 21.9 +0.4
JLU	Jordanelle	58.25	64	eP	P	13 17 20.8 -0.6
JLUR	Furnace Creek,	58.25	71	P	P	13 17 49.6 +0.3
FURC	baz=58, SNR=14					
GUN	Gumba	58.27	275	eP	P	13 17 21.3 -0.4
NLU	North Lily Min	58.38	64	eP	P	13 17 22.7 +0.4
NLU	comp=Z, 4.3nm, 0.4s, mb5.9					
Q14A	Sevier Lake (B	58.42	66	P	P	13 17 23.3 +0.7
LAU	Daniels Canyon	58.49	64	eP	P	13 17 23.9 +0.9
LRMC	Laurel Mountai	58.50	72	P	P	13 17 23.3 +0.1
O16A	Springville	58.50	64	↓P	P	13 17 23.5 +0.4
S12A	Delamar Landin	58.55	68	↑P	P	13 17 24.1 +0.5
RAMN	Ramite	58.56	274	eP	P	13 17 23.3 -0.4
U10A	Ash Meadows, A	58.58	70	↓P	P	13 17 24.1 +0.3
T11A	Cotton Creek, Al	58.61	69	P	P	13 17 24.4 +0.5
R13A	O'Grain Ranch,	58.62	67	P	P	13 17 24.6 +0.6
KAF	Kangasniemi	58.67	336	eP	P	13 17 22.8 -1.2
KAF	Kangasniemi	58.67	336	eP	P	13 17 22.8 -1.2
KAF	comp=Z, 1.4nm, 0.3s, mb5.5					
KAK	Kakar	58.72	275	eP	P	13 17 24.7 -0.1
EDW2	Edwards Air Fo	58.76	73	P	P	13 17 25.1 +0.1
ULM	Lac du Bonnet	58.79	46	eP	P	13 17 24.2 -0.8
ULM	comp=Z, 5.3nm, 0.5s, mb4.8					
ULM	Lac du Bonnet	58.79	46	eP	P	13 17 24.2 -0.8
ULM	comp=Z, 5.3nm, 0.5s, mb4.8					
Q15A	Fillmore	58.90	65	↑P	P	13 17 26.1 +0.1
GKN	Gorkha	58.94	276	eP	P	13 17 26.2 -0.2
DMN	Daman	58.95	275	eP	P	13 17 25.7 -0.8
S13A	Holt Ranch, En	59.11	68	↓P	P	13 17 27.4 -0.1
GSC	Goldstone	59.12	71	eP	P	13 17 27.5 0.0
GSC	comp=Z, 9.2nm, 0.8s, mb4.9					
GSC	Goldstone	59.12	71	eP	P	13 17 27.5 0.0
GSC	comp=Z, 9.2nm, 0.8s, mb4.8					
MWC	Mount Wilson	59.19	73	eP	P	13 17 27.8 -0.3
MWC	comp=Z, 1.8nm, 1.1s, mb5.0					
MWC	Mount Wilson	59.19	73	eP	P	13 17 27.8 -0.2
MWC	comp=Z, 1.8nm, 1.1s, mb5.0					
DANN	Dangsing	59.20	277	eP	P	13 17 27.9 -0.3
FIA1	FINESS Array S	59.30	336	eP	P	13 17 27.8 -0.5
FINES	FINESS Array B	59.30	336	P	P	13 17 27.6 -0.7
FINES	comp=Z, 1.8nm, 0.4s, mb5.4, baz=40, slow=7.9, SNR=173					
FINES	FINESS Array B	59.30	336	iP	P	13 18 15.1 -0.1
FINES	comp=Z, 2.1nm, 0.7s, baz=83, slow=6.0, SNR=4.1					
TMUT	Trail Mountain	59.31	64	eP	P	13 17 29.2 +0.4
TMUT	comp=Z, 4.3nm, 0.5s, mb5.7					
MSU	Marysvalde	59.36	66	eP	P	13 17 29.2 +0.1
CCUT	Cedar City	59.41	67	eP	P	13 17 29.8 +0.3
BFCF	Mount Baldy St	59.41	73	↑P	P	13 17 29.0 -0.5
T13A	Sai George	59.49	68	↑P	P	13 17 30.4 +0.3
V11A	Goodsprings	59.50	70	↑P	P	13 17 30.2 +0.1
RSSD	Black Hills	59.51	56	eP	P	13 17 30.1 0.0
RSSD	comp=Z, 3.0nm, 0.6s, mb5.5					
RSSD	Black Hills	59.51	56	eP	P	13 17 30.1 0.0
RSSD	comp=Z, 3.0nm, 0.6s, mb5.5					
RSSD	Turquoise Mt.	59.52	71	P	P	13 17 30.4 +0.1
U12A	Valley of Fire	59.57	69	↑P	P	13 17 30.5 -0.1
CIS	Catalina Islan	59.59	74	↓P	P	13 17 30.4 -0.4
Q16A	Castle Valley	59.61	65	↓P	P	13 17 31.1 +0.3
KOLN	Koldanda	59.73	276	eP	P	13 17 30.9 -0.9
HEC	Hector Ludlow	59.73	71	P	P	13 17 31.9 +0.2
BBRO	Big Bear Sol-O	59.81	72	↓P	P	13 17 32.3 0.0
SRU	San Rafael	59.81	64	eP	P	13 17 32.5 +0.3
SRU	San Rafael	59.81	64	eP	P	13 17 32.5 +0.3
SRU	comp=Z, 1.6nm, 0.7s, mb5.2					
S15A	Panguitch	59.86	67	↓P	P	13 17 33.0 +0.4
U13A	Pakoon Wash	59.90	69	P	P	13 17 33.6 +0.7
V12A	Nelson	59.91	70	P	P	13 17 33.3 +0.4
T14A	Hurricane	59.92	67	↓P	P	13 17 33.2 +0.3
MURC	Murrieta	60.14	73	↑P	P	13 17 34.5 0.0
GMRC	Granite Mounta	60.15	71	P	P	13 17 34.7 +0.2
LDFC	Landfair	60.24	70	eP	P	13 17 35.4 +0.3
AGMN	Agassiz Refuge	60.25	48	eP	P	13 17 34.4 -0.6
AGMN	comp=Z, 2.4nm, 0.8s, mb5.3					
AGMN	Agassiz Refuge	60.25	48	eP	P	13 18 02.3 -0.8
AGMN	comp=Z, 4.0nm, 0.5s, mb4.7					
V13A	Grand Canyon W	60.30	69	eP	P	13 17 36.1 +0.6
U14A	Mt Trumbull	60.33	68	↑P	P	13 17 36.2 +0.4
T15A	Red Dirt Ranch	60.33	67	↓P	P	13 17 36.0 +0.2
BELC	Belle Mtn.	60.52	72	P	P	13 17 36.7 -0.4
PFO	Pinyon Flat Ob	60.55	73	↓P	P	13 17 36.8 -0.5
Q19A	Hogan Spring	60.60	63	P	P	13 17 37.5 -0.1
R18A	Canyonlands Na	60.68	64	P	P	13 17 37.9 -0.3
U15A	North Rim	60.81	67	P	P	13 17 39.6 +0.6
T16A	Glen Canyon Da	60.84	66	↑P	P	13 17 39.9 -0.2
IRM	Iron Mountain	60.88	71	↓P	P	13 17 39.5 -0.1
W13A	Hualapai Mount	60.90	70	↓P	P	13 17 39.7 0.0

Table of astronomical observations for 3d 13h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2007 JUL, listing station names, coordinates, and observation details.

Table of astronomical observations for 70, listing station names, coordinates, and observation details.

3d 15h

Table of station data for 3d 15h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 2007 JUL, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 2007 JUL, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Y13A	Salome	baz=88,SNR=6.2	87.86	55	↑P	P	16 02 22.5 +0.3
T12A	Moapa	baz=88,SNR=20	87.88	52	↑P	P	16 02 22.2 -0.1
H09A	Durkee	baz=88	87.89	44	↑P	P	16 02 21.9 -0.2
K10A	MacKenzie Ranc	baz=88,SNR=13	87.90	46	↑P	P	16 02 22.1 0.0
B08A	Colville Reser	baz=88,SNR=6.3	87.92	40	↑P	P	16 02 21.5 -0.6
C08A	Higginbotham F	baz=88	87.92	41	↑P	P	16 02 21.5 -0.6
U12A	Valley of Fire	baz=88,SNR=5.5	87.94	53	↑P	P	16 02 22.8 +0.2
L10A	Juniper Basin	baz=88,SNR=8.8	87.99	47	↑P	P	16 02 22.6 0.0
G09A	Cove	baz=88	88.00	43	↑P	P	16 02 22.2 -0.3
S12A	Delamar Landin	baz=88,SNR=11	88.00	51	↑P	P	16 02 23.1 +0.3
F09A	S2 Ranch, Elgi	baz=88	88.03	43	↑P	P	16 02 22.5 -0.3
X13A	Yuuca	baz=88,SNR=19	88.05	54	↑P	P	16 02 23.2 +0.1
O11A	Cowboy Ranch	baz=88,SNR=7.2	88.06	49	↑P	P	16 02 23.3 +0.3
E09A	Wood Farm, Sta	baz=88,SNR=7.2	88.12	42	↑P	P	16 02 22.9 -0.2
W13A	Hualapai Mout	baz=88,SNR=14	88.13	54	↑P	P	16 02 24.0 +0.5
A08A	Turner Farm, O	baz=88,SNR=7.4	88.14	40	↑P	P	16 02 22.8 -0.3
J10A	Berg Farm, Mel	baz=88	88.16	45	↑P	P	16 02 23.1 -0.2
DANN	Danging	baz=88,SNR=22m,0.9s,mb5.2	88.17	299	eP	P	16 02 22.9 -0.9
D09A	Jones Farm, Ri	baz=88,SNR=11	88.17	42	↑P	P	16 02 23.1 -0.2
K0L	Koldanda	comp=Z,1.2nm,0.7s,mb4.8	88.18	299	eP	P	16 02 22.7 -1.1
N11A	Elko Archery C	baz=88	88.18	48	↑P	P	16 02 23.6 +0.1
V13A	Grand Canyon W	baz=88,SNR=25	88.23	53	↑P	P	16 02 24.2 +0.3
214A	Organ Pipe Nat	baz=88,SNR=21	88.25	57	↑P	P	16 02 24.8 +0.7
M11A	Holland Ranch	baz=88,SNR=21	88.31	47	↑P	P	16 02 24.7 +0.6
I10A	Payette	baz=88	88.32	45	↑P	P	16 02 24.2 +0.1
R12A	Pony Springs	baz=88,SNR=15	88.37	51	↑P	P	16 02 24.7 +0.2
Q12A	Willow Creek R	baz=88,SNR=12	88.39	50	↑P	P	16 02 24.7 +0.2
U13A	Pakoon Wash	baz=88,SNR=24	88.39	53	↑P	P	16 02 25.2 +0.6
C09A	Christian Ranch	baz=88	88.42	41	↑P	P	16 02 23.9 -0.6
P12A	McGill	baz=88,SNR=16	88.44	50	↑P	P	16 02 25.2 +0.4
G10A	Bishop Farm, J	baz=88,SNR=25	88.44	43	↑P	P	16 02 24.5 -0.1
Z14A	Wintersburg	baz=88,SNR=7.8	88.47	56	↑P	P	16 02 25.4 +0.3
K11A	Parker Ranch	baz=88,SNR=16	88.49	46	↑P	P	16 02 25.2 +0.2
H10A	Noah's Angus R	baz=88,SNR=15	88.50	44	↑P	P	16 02 24.4 -0.5
ELK	Elko	comp=Z,52nm,1.6s,mb5.2	88.53	48	eP	P	16 02 25.0 -0.2
ELK	Elko	comp=Z,52nm,1.6s,mb5.2	88.53	48	eP	P	16 02 25.0 -0.2
L11A	Cat Creek Ranc	baz=88,SNR=22	88.53	47	↑P	P	16 02 25.5 +0.4
Y14A	Wickiup	baz=88,SNR=11	88.55	55	↑P	P	16 02 25.3 -0.2
F10A	Beach Ranch, E	baz=88,SNR=9.2	88.57	43	↑P	P	16 02 24.7 -0.5
A09A	Danville	baz=88,SNR=5.5	88.58	40	↑P	P	16 02 24.9 -0.4
T13A	Saint George	baz=88,SNR=13	88.58	52	↑P	P	16 02 25.8 +0.5
B09A	Rice	baz=88,SNR=6.5	88.69	40	↑P	P	16 02 25.2 -0.6
N12A	Clover Valley	baz=88,SNR=23	88.70	48	↑P	P	16 02 26.1 +0.2
S13A	Holt Ranch, En	baz=88,SNR=6.9	88.76	52	↑P	P	16 02 26.7 +0.3
O12A	Currie	baz=88,SNR=25	88.76	49	↑P	P	16 02 26.8 +0.5
X14A	Yava	baz=88,SNR=34	88.77	55	↑P	P	16 02 27.2 +0.7
W14A	Seligmair	baz=88,SNR=21	88.79	54	↑P	P	16 02 27.3 +0.7
MFID	Camas Ranch	baz=88,SNR=9.5	88.81	46	↑P	P	16 02 26.3 -0.1
R13A	O'Grain Ranch	baz=88,SNR=20	88.82	51	↑P	P	16 02 27.1 +0.4
D10A	Wagner Farm, O	baz=88,SNR=20	88.85	42	↑P	P	16 02 26.1 -0.4
I11A	Placerville	baz=88	88.86	45	↑P	P	16 02 26.5 -0.1
115A	Sonoran Desert	baz=88,SNR=12	88.90	57	↑P	P	16 02 27.7 +0.6
WMQ	Urumqi	AP	88.90	315	eP	P	16 02 26.7 -0.1
WMQ	WMQ	XP			sP	P	16 03 00.5 -1.0
WMQ	WMQ	S			SKS	P	16 03 13.4 -2.4
WMQ	WMQ	S			S	P	16 13 01.7 -1.6
WMQ	WMQ	SS			SS	P	16 13 55.0 -8.2
WMQ	WMQ	SS			SS	P	16 18 58.0 -1.2
WMQ	comp=Z,7.0nm,1.0s,mb4.5				LR	LR	
WMQ	comp=N,82nm,23.0s				LR	LR	
WMQ	comp=E,24nm,27.0s				LR	LR	
WMQ	comp=Z,57nm,23.0s				LR	LR	
M12A	Wells	baz=88,SNR=7.7	88.94	48	↑P	P	16 02 27.2 +0.1
Q13A	Wheeler Ranch	baz=88,SNR=25	88.97	50	↑P	P	16 02 27.7 +0.4
U14A	Mt Trumbull	baz=88,SNR=62	89.00	53	↑P	P	16 02 28.2 +0.7
H11A	Donnelly	baz=88	89.03	44	↑P	P	16 02 27.2 -0.2
G11A	Walters Elk Ra	baz=88,SNR=37	89.05	44	↑P	P	16 02 27.1 -0.5
L12A	House Creek Ra	baz=88,SNR=7	89.05	47	↑P	P	16 02 27.9 +0.3
Z15A	Gila River Ind	baz=88	89.09	56	↑P	P	16 02 28.1 +0.1
Y15A	Casa Rosa Ranc	baz=88,SNR=19	89.10	55	↑P	P	16 02 28.4 +0.4
P13A	Bates Ranch, G	baz=88,SNR=52	89.10	50	↑P	P	16 02 28.3 +0.4
ARUT	Antelope Range	89.13	51	eP	P	16 02 27.9 -0.1	
CCUT	Cedar City	89.13	52	eP	P	16 02 28.5 +0.4	
A10A	Northport	89.23	40	↑P	P	16 02 28.0 -0.2	
T14A	Hurricane	baz=88,SNR=6.3	89.23	52	↑P	P	16 02 29.0 +0.4
K12A	Drapeer Ranch, C	baz=88,SNR=13	89.26	46	↑P	P	16 02 28.5 0.0
F11A	Grangeville	baz=88	89.26	43	↑P	P	16 02 26.8 -1.7
J12A	Stokes Ranch	baz=88,SNR=19	89.28	46	↑P	P	16 02 29.2 +0.6
O13A	Hicks Ranch, I	baz=88,SNR=5.8	89.30	49	↑P	P	16 02 29.0 +0.2
116A	Eloy	baz=88,SNR=7.4	89.30	57	↑P	P	16 02 29.5 +0.5
X15A	Humboldt	baz=88,SNR=29	89.30	55	↑P	P	16 02 29.6 +0.7
N13A	Wendover, West	baz=88,SNR=10	89.31	48	↑P	P	16 02 29.0 +0.1
S14A	Cedar City	baz=88,SNR=5.8	89.32	43	↑P	P	16 02 29.4 +0.4
E11A	Bogner Ranch	baz=88,SNR=14	89.36	43	↑P	P	16 02 27.9 -1.0
216A	Three Points	baz=88,SNR=16	89.38	57	↑P	P	16 02 30.2 +0.8
W15A	Williams	baz=90,SNR=14	89.44	54	↑P	P	16 02 30.4 +0.8
D11A	Klaveano Farm	baz=90	89.46	42	↑P	P	16 02 28.7 -0.7

M13A	Montello	baz=90,SNR=5.3	89.47	48	↑P	P	16 02 29.7 +0.2
Q14A	Sevier Lake (B	baz=90,SNR=10.0	89.55	50	↑P	P	16 02 30.4 +0.4
R14A	James Farms, M	baz=90	89.57	51	↑P	P	16 02 30.5 +0.3
V15A	Kalibab Nationa	baz=90	89.66	54	↑P	P	16 02 31.5 +0.9
Z16A	Peralta Trail	baz=90,SNR=37	89.70	56	↑P	P	16 02 31.1 +0.3
U15A	North Rim	baz=90,SNR=89	89.70	53	↑P	P	16 02 31.7 +0.9
T15A	Red Wit Ranch	baz=90,SNR=8.9	89.72	52	↑P	P	16 02 31.3 +0.2
Y16A	Circle Bar Ran	baz=90,SNR=8.0	89.78	56	↑P	P	16 02 31.7 +0.5
H12A	Diamond D Ranc	baz=90,SNR=19	89.79	45	↑P	P	16 02 30.7 -0.3
L13A	Double Diamond	baz=90,SNR=8.2	89.81	47	↑P	P	16 02 31.2 +0.1
B11A	Sandpoint	baz=90,SNR=7.2	89.83	41	↑P	P	16 02 30.8 -0.3
F12A	Elk City	baz=90,SNR=48	89.83	43	↑P	P	16 02 30.7 -0.5
HLID	Hailey	89.84	46	eP	P	16 02 31.1 -0.1	
HLID	Hailey	comp=Z,21nm,1.0s,mb5.2	89.84	46	eP	P	16 02 31.6 +0.4
P14A	Drum Mountains	baz=90,SNR=24	89.85	50	↑P	P	16 02 31.8 +0.4
K13A	Stor Farm, H	baz=90,SNR=8.0	89.85	47	↑P	P	16 02 31.7 +0.4
217A	Green Valley	baz=90,SNR=8.4	89.86	58	↑P	P	16 02 32.5 +0.8
X16A	L Mill Camp, P	baz=90,SNR=23	89.93	55	↑P	P	16 02 32.7 +0.8
S15A	Panguitch	baz=90	89.93	52	↑P	P	16 02 33.1 +1.3
J13A	Cove Ranch, Pi	89.97	46	↑P	P	16 02 32.2 +0.4	
A11A	Hall Mountain	baz=90,SNR=27	89.97	40	↑P	P	16 02 32.1 +0.4
TUC	Tucson	89.00	57	eP	P	16 02 32.4 +0.1	
TUC	Tucson	comp=Z,46nm,1.6s,mb5.2	89.00	57	eP	P	16 02 32.4 +0.1
TUC	Tucson	comp=Z,46nm,1.6s,mb5.2	89.00	57	eP	P	16 02 32.4 +0.1
W16A	Flagstaff	baz=90,SNR=7.9	90.00	54	↑P	P	16 02 32.8 +0.6
N14A	Grayback Hills	baz=90,SNR=7.7	90.06	49	↑P	P	16 02 32.2 -0.1
117A	Oracle	89.09	57	↑P	P	16 02 33.2 +0.5	
M14A	Sheep Mountain	baz=90,SNR=45	90.10	48	↑P	P	16 02 32.9 +0.3
D12A	Red Ives Fores	89.11	42	↑P	P	16 02 32.0 -0.5	
R15A	Junction	baz=90,SNR=6.2	90.12	51	↑P	P	16 02 33.6 +0.9
I13A	Wildhorse Cree	89.14	45	↑P	P	16 02 33.1 +0.5	
DUG	Dugway	baz=90,SNR=48	90.18	49	eP	P	16 02 32.8 -0.1
DUG	Dugway	comp=Z,8nm,0.8s,mb4.7	90.18	49	eP	P	16 02 32.8 -0.1
DUG	Dugway	comp=Z,8nm,0.8s,mb4.7	90.18	49	eP	P	16 02 32.8 -0.1
DUG	Dugway	comp=Z,8nm,0.8s,mb4.7	90.18	49	eP	P	16 02 33.0 +0.1
BGU	Big Grassy Mou	89.19	48	eP	P	16 02 32.6 -0.3	
H13A	Challis	90.21	45	eP	P	16 02 33.2 +0.3	
WUAZ	Wupatki	comp=Z,35nm,1.0s,mb5.2	90.22	54	eP	P	16 02 33.8 +0.6
WUAZ	Wupatki	89.22	54	↑P	P	16 02 33.7 +0.4	
Q15A	Fillmore	baz=90,SNR=20	90.23	50	↑P	P	16 02 33.2 +0.1
Y17A	Roosevelt	baz=90,SNR=14	90.25	56	↑P	P	16 02 33.6 +0.2
MSU	Marysville	baz=90,SNR=26	90.27	51	eP	P	16 02 34.1 +0.7
B12A	Libby	89.33	41	↑P	P	16 02 33.1 -0.4	
G13A	Cobalt	baz=90	90.36	44	↑P	P	16 02 33.6 0.0
A12A	Yaz River Ran	baz=90,SNR=52	90.42	40	↑P	P	16 02 33.7 -0.1
P15A	Leamington	89.44	50	↑P	P	16 02 34.2 +0.1	
T16A	Glen Canyon Da	89.46	49	↑P	P	16 02 34.4 +0.2	
O15A	The Old Anders	baz=90	90.53	49	↑P	P	16 02 35.5 +0.3
Z17A	San Carlos Hig	baz=90	90.47	56	↑P	P	16 02 35.0 +0.5
K14A	Jones Ranch, D	baz=90,SNR=13	90.47	47	↑P	P	16 02 34.6 +0.4
318A	Bisbee	baz=90,SNR=12	90.48	58	↑P	P	16 02 35.1 +0.6
U16A	Tuba City	baz=90,SNR=11	90.54	58	↑P	P	16 02 35.5 +0.7
N15A	Stansbury Isla	baz=91,SNR=11	90.56	49	↑P	P	16 02 34.6 0.0
HVU	Hansel Valley	90.58	48	eP	P	16 02 34.9 +0.1	
HVU	Hansel Valley	comp=Z,61nm,1.2s,mb5.5	90.58	48	eP	P	16 02 34.9 +0.2
HVU	Hansel Valley	90.58	48	eP	P	16 02 34.9 +0.2	
W17A	Winslow	89.66	55	↑P	P	16 02 35.8 +0.6	
NLU	Not Lily Min	90.67	50	eP	P	16 02 35.0 -0.2	
D13A	Huson	89.71	42	eP	P	16 02 34.4 -0.8	
E13A	Victor	baz=91,SNR=11	90.73	43	↑P	P	16 02 34.5 -0.8
118A	Homack Ranch	baz=91,SNR=9.8	90.75	47	↑P	P	16 02 36.1 +0.4
M15A	Larsen Ranch	baz=91	90.75	48	↑P	P	16 02 35.4 +0.1
C13A	Hot Springs	baz=91,SNR=9.4	90.78	42	↑P	P	16 02 34.8 -0.7
P16A	Fountain Green	89.91	50	↑P	P	16 02 37.0 +0.6	
G14A	Jackson	baz=91,SNR=25	90.92	44	↑P	P	16 02 36.4 +0.1
Y18A							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, LOR Lormes, MBDF Montbardon, etc.

ISC/JB 03 16:00:42.1±0.8, 553S±0.1±279W±0.3, h10km, mb4.4/6, Error ellipse: s-maj=30.3km s-min=15.7km az=157.1

ISC 03 16:00:44.0±0.8, 554S±0.1±279W±0.3, h10km, mb4.4/6, Error ellipse: s-maj=32.0km s-min=22.4km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNAA Snae, CPUP Villa Florida, VANDA Vanda, etc.

ISC/JB 03 16:06:59.8±0.5, 5145N±0.02±1606E±0.03, h0km, Error ellipse: s-maj=3.7km s-min=2.2km az=18.4

ISC/JB 03 16:07:00.6±0.3, 5158N±0.16±12E±0.5, h5km, ML2.9(SZGRF), ML2.9(BRA), Error ellipse: s-maj=4.7km s-min=4.2km az=83.0

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

ISC/JB 03 16:08:20.8±0.1, 5145N±0.05±1599E±0.05, h0km, Error ellipse: s-maj=8.3km s-min=3.2km az=21.7

ISC/JB 03 16:08:22.9±0.3, 5149N±0.16±103E±0.1, h1km, ML3.2/5, Error ellipse: s-maj=5.3km s-min=2.0km az=18.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETA Feichten, AKASE Malin Array Be, HFS Hagfors, etc.

ISC/JB 03 16:08:27.2±0.5, 5147N±0.16±102E±0.1, h0km, mb1.3/3.7, mb1mx3.2/26, mbtmp3.2/7, ML3.1/7, Error ellipse: s-maj=13.5km s-min=6.9km az=104.0

ISC/JB 03 16:08:28.9±0.1, 5145N±0.05±1599E±0.05, h0km, Error ellipse: s-maj=8.3km s-min=3.2km az=21.7

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

ISC/JB 03 16:11:30.5±0.6, 3933N±0.02±2013E±0.04, h6km, 4km, mb3.6/6, Error ellipse: s-maj=4.8km s-min=2.7km az=168.0

ATH 03 16:11:31.7, 3928N±0.02±2044E±0.1, h18km, 2km, MD3.7/10, NEIC 03 16:11:31.7, 3928N±0.02±2044E±0.1, h18km, MD3.7(ATH), ML4.0(TEH), ML3.3(PDG), After ATH.

TIR 03 16:11:32.3±0.3, 3974N±1.96±8E±1.6, h16km, 999km, THE 03 16:11:32.1, 3931N±0.20±22E±0.0, h0km, ML3.9, CSEM 03 16:11:32.0±1.1, 3926N±0.20±23E±0.2, h2km, ML3.9, Error ellipse: s-maj=2.6km s-min=1.3km az=51.0

PDG 03 16:11:33.5±0.4, 3947N±1.99±5E±1.0, h10km, 3km, ML3.3/9, Error ellipse: s-maj=2.0km s-min=2.0km az=2.0, IDC 03 16:11:36.1±2.4, 3928N±0.20±23E±0.2, h57km, 28km, mb3.3/6, mb1.3/4.9, mb1mx3.3/27, mbtmp3.4/9, ML3.5/3, Error ellipse: s-maj=25.6km s-min=14.6km az=69.0

ISC 03 16:11:31.9±0.5, 3932N±0.02±2018E±0.03, h8km, 3km, n87, r1909/19, mb3.6/6, 10C-6D, Greece-Albania border

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, KEK Kerkira, SRN Sarande, etc.

Table listing station data for 3d 17h, including station names like Samos, Anoyia, and various codes and frequencies.

Table listing station data for 3d 17h, including station names like Virac, Catarman, and various codes and frequencies.

Table listing station data for 3d 17h, including station names like Kakadu, Baumata, and various codes and frequencies.

Table listing station data for 3d 17h, including station names like Igoumenitsa, Kerkira, and various codes and frequencies.

Table listing station data for 3d 17h, including station names like Arequipa, Nana, and various codes and frequencies.

Table listing station data for KRSC 03 16:53:48.0...1.8, 5382N, 16890E, h20km, 20km, ML4.2, Komandorsky Islands region.

Table listing station data for KRSC 03 16:59:58.2...1.1, 103S, 13725E, h0km, mb3.7/8, mb1.3/9,9.

Table listing station data for KAKA, BATI, WARRANGUMA ARR, FITZROY CROSSI, and various codes and frequencies.

Table listing station data for IGOU MENITSAS, KERKIRA, JANINA, and various codes and frequencies.

Table listing station data for IGOU MENITSAS, KERKIRA, JANINA, and various codes and frequencies.

Table listing station data for SRN Sarande, MEV Melsowen, VLS Valsamata, and various codes and frequencies.

Table listing station data for BIA Bitola, GVM Grita, KRUS Krusevo, and various codes and frequencies.

Table listing station data for KAKA, BATI, WARRANGUMA ARR, FITZROY CROSSI, and various codes and frequencies.

Table listing station data for IGOU MENITSAS, KERKIRA, JANINA, and various codes and frequencies.

Table listing station data for IGOU MENITSAS, KERKIRA, JANINA, and various codes and frequencies.

3d 18h

VLS	VLS	VLS	VLS	KFL	KFL	AGG	AGG	FNA	FNA	KRUS	KRUS	KRUS	KRUS	
Valsamata	1.12 163	ePb	Pg	1.26 39.7	+0.5	1.12 163	ePb	1.26 39.7	+0.5	1.12 163	ePb	Pg	1.26 39.7	+0.5
Anninata	1.24 157	ePg	Sg	1.09 54.2	+0.4	1.24 157	ePg	1.09 54.2	+0.4	1.24 157	ePg	Sg	1.09 54.2	+0.4
Agios Georgios	1.69 97	ePb	Pb	1.06 40.5	+0.9	1.69 97	ePb	1.06 40.5	+0.9	1.69 97	ePb	Pb	1.06 40.5	+0.9
Florina	1.78 31	ePb	Sb	1.06 48.7	+0.3	1.78 31	ePb	1.06 48.7	+0.3	1.78 31	ePb	Sb	1.06 48.7	+0.3
Krusevo	2.27 21	ePb	Sb	1.07 11.1	+0.8	2.27 21	ePb	1.07 11.1	+0.8	2.27 21	ePb	Sb	1.07 11.1	+0.8
Krusevo	2.27 21	ePb	Sb	1.06 53.9	+0.7	2.27 21	ePb	1.06 53.9	+0.7	2.27 21	ePb	Sb	1.06 53.9	+0.7
Krusevo	2.27 21	ePb	Sb	1.06 55.9	+0.6	2.27 21	ePb	1.06 55.9	+0.6	2.27 21	ePb	Sb	1.06 55.9	+0.6
Krusevo		eSn	Sn	1.07 17.7	-5.6		eSn	1.07 17.7	-5.6		eSn	Sn	1.07 17.7	-5.6

NEIC 03 18:11:00.5, 38305s, 17605E, h166km, MG4.0(WEL), After WEL.

WEL 03 18:11:00.7±0.3, 3826S, 17605E, h162km±2km, ML4.0/21, Error ellipse: s-maj=2.0km s-min=1.5km az=0.0, North

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	ISC	Time	Res
						h	m s
WATZ	Wairara	0.52	208	P	Op	11 23.8	+0.3
WATZ	Wairara	0.52	208	P	Op	11 23.8	+0.3
RAITZ	Rangitukua	0.65	184	P	Pn	11 24.4	+0.4
RAITZ	Rangitukua	0.65	184	P	Pn	11 24.4	+0.2
RITZ	Rihia Road	0.74	191	P	Pn	11 25.4	+0.7
RITZ	Rihia Road	0.74	191	P	Pn	11 25.4	+0.7
KATZ	Kakarama	0.77	201	P	Pn	11 25.3	+0.4
KATZ	Kakarama	0.77	201	P	Pn	11 25.3	+0.4
URZ	Urewera	0.84	91	P	Pn	11 27.9	+0.1
URZ	Urewera	0.84	91	P	Pn	11 27.9	+0.1
KRVZ	Karewarewa	0.90	200	P	Pn	11 25.9	+0.4
KRVZ	Karewarewa	0.90	200	P	Pn	11 25.9	+0.4
WTWZ	West Tongariro	0.93	202	P	Pn	11 26.2	+0.1
WTWZ	West Tongariro	0.93	202	P	Pn	11 26.2	+0.1
HTWZ	Hautu	0.97	254	P	Pn	11 26.3	+0.1
HTWZ	Hautu	0.97	254	P	Pn	11 26.3	+0.1
KHZ	Black Stump Fm	0.98	159	P	S	11 26.5	+0.1
KHZ	Black Stump Fm	0.98	159	P	S	11 26.5	+0.1
BKZ	Black Stump Fm	0.98	159	P	S	11 26.5	+0.1
BKZ	Black Stump Fm	0.98	159	P	S	11 26.5	+0.1
WPVZ	Whakapapa	1.03	202	P	Pn	11 26.8	0.0
WPVZ	Whakapapa	1.03	202	P	Pn	11 26.8	0.0
TUVZ	Tukino	1.06	197	P	Pn	11 27.3	+0.2
TUVZ	Tukino	1.06	197	P	Pn	11 27.3	+0.2
FWVZ	Far West T-bar	1.07	201	P	Pn	11 27.7	+0.1
FWVZ	Far West T-bar	1.07	201	P	Pn	11 27.7	+0.1
WNVZ	Wahianoa	1.13	198	P	Pn	11 27.7	+0.1
WNVZ	Wahianoa	1.13	198	P	Pn	11 27.7	+0.1
MWZ	Matawai	1.17	94	P	Pn	11 28.3	+0.3
MWZ	Matawai	1.17	94	P	Pn	11 28.3	+0.3
MOVZ	Moawhango	1.17	191	P	Pn	11 27.8	-0.3
MOVZ	Moawhango	1.17	191	P	Pn	11 27.8	-0.3
VRZ	Vera Road	1.33	229	P	Pn	11 29.4	-0.1
VRZ	Vera Road	1.33	229	P	Pn	11 29.4	-0.1
KOKO	Kokohu	1.49	121	P	Pn	11 31.3	+0.3
KOKO	Kokohu	1.49	121	P	Pn	11 31.3	+0.3
KNZ	Kahunanaki	1.83	129	P	Pn	11 32.7	-0.7
KNZ	Kahunanaki	1.83	129	P	Pn	11 32.7	-0.7
WAZ	Wanganui	1.71	208	P	Pn	11 32.7	-0.6
WAZ	Wanganui	1.71	208	P	Pn	11 32.7	-0.6
PUZ	Puketiti	1.75	85	P	Pn	11 33.5	-0.3
PUZ	Puketiti	1.75	85	P	Pn	11 33.5	-0.3
KAPR	Takapuri Road	1.80	182	P	Pn	11 33.6	-0.7
KAPR	Takapuri Road	1.80	182	P	Pn	11 33.6	-0.7
WPHZ	Waipukurau	1.83	107	P	Pn	11 34.2	-0.5
WPHZ	Waipukurau	1.83	107	P	Pn	11 34.2	-0.5
PXZ	Pawanui	1.89	161	P	Pn	11 34.9	-0.3
PXZ	Pawanui	1.89	161	P	Pn	11 34.9	-0.3
MAKZ	Matakoia Point	1.92	70	P	Pn	11 35.5	-0.1
MAKZ	Matakoia Point	1.92	70	P	Pn	11 35.5	-0.1
MWZ	Mangatainaka	1.92	183	P	Pn	11 35.7	-1.8
MWZ	Mangatainaka	1.92	183	P	Pn	11 35.7	-1.8
TIWZ	Tintock	2.52	183	P	Pn	11 41.0	-1.6
TIWZ	Tintock	2.52	183	P	Pn	11 41.0	-1.6
HOWZ	Holdsorth Sta	2.67	189	P	Pn	11 42.2	-2.3
HOWZ	Holdsorth Sta	2.67	189	P	Pn	11 42.2	-2.3
KIW	Kapiti Island	2.75	198	P	Pn	11 42.9	-2.5
KIW	Kapiti Island	2.75	198	P	Pn	11 42.9	-2.5
TMWZ	Tararua	2.85	182	P	Pn	11 45.9	-2.2
TMWZ	Tararua	2.85	182	P	Pn	11 45.9	-2.2
MTW	Mount Morrison	2.93	188	P	Pn	11 44.9	-2.7
MTW	Mount Morrison	2.93	188	P	Pn	11 44.9	-2.7
CAW	Canon Point	2.95	195	P	Pn	11 45.2	-2.7
CAW	Canon Point	2.95	195	P	Pn	11 45.2	-2.7
DUWZ	D'Urville Isla	3.03	162	P	Pn	11 46.3	-2.8
DUWZ	D'Urville Isla	3.03	162	P	Pn	11 46.3	-2.8
MRW	Makara Radio	3.15	199	P	Pn	11 47.4	-2.9
MRW	Makara Radio	3.15	199	P	Pn	11 47.4	-2.9
MRW	Makara Radio	3.15	199	P	Pn	11 47.4	-3.0
MRW	Makara Radio	3.15	199	P	Pn	11 47.4	-3.0
TRWZ	Traveller	3.15	185	P	Pn	11 47.9	-2.5
TRWZ	Traveller	3.15	185	P	Pn	11 47.9	-2.5
PAWZ	Paruwai Farm	3.16	188	P	Pn	11 47.5	-3.0
PAWZ	Paruwai Farm	3.16	188	P	Pn	11 47.5	-3.0
MSWZ	Moikau Station	3.22	191	P	Pn	11 48.2	-3.0
MSWZ	Moikau Station	3.22	191	P	Pn	11 48.2	-3.0
SNZO	South Karori	3.22	198	P	Pn	11 48.1	-3.2
SNZO	South Karori	3.22	198	P	Pn	11 48.1	-3.2
TCW	Tory Channel	3.25	204	P	Pn	11 48.7	-3.0
TCW	Tory Channel	3.25	204	P	Pn	11 48.7	-3.0
BHW	Baring Head	3.28	196	P	Pn	11 48.8	-3.3
BHW	Baring Head	3.28	196	P	Pn	11 48.8	-3.3
PLWZ	Palliser	3.27	190	P	Pn	11 49.9	-3.2
PLWZ	Palliser	3.27	190	P	Pn	11 49.9	-3.2
TUWZ	Tuaranira	3.56	206	P	Pn	11 52.3	-3.3
TUWZ	Tuaranira	3.56	206	P	Pn	11 52.3	-3.3
NNZ	Nelson	3.60	214	P	Pn	11 52.4	-3.7
NNZ	Nelson	3.60	214	P	Pn	11 52.4	-3.7
QRZ	Quartz Range	3.74	226	P	Pn	11 53.8	-4.1
QRZ	Quartz Range	3.74	226	P	Pn	11 53.8	-4.1
BSWZ	Blackbirch Sta	3.84	205	P	Pn	11 56.0	-3.1
BSWZ	Blackbirch Sta	3.84	205	P	Pn	11 56.0	-3.1
THZ	Tophouse	4.25	214	P	Pn	12 01.7	-2.8
THZ	Tophouse	4.25	214	P	Pn	12 01.7	-2.8
KHZ	Kahutara	4.58	204	P	Pn	12 04.9	-3.8
KHZ	Kahutara	4.58	204	P	Pn	12 04.9	-3.8
LTZ	Lake Taylor	5.36	211	P	Pn	12 13.8	-5.2
LTZ	Lake Taylor	5.36	211	P	Pn	12 13.8	-5.2
ODZ	Otahua Downs	7.90	209	P	Pn	12 47.5	-5.0
ODZ	Otahua Downs	7.90	209	P	Pn	12 47.5	-5.0

ISC 03 18:16:36.3±49.0, 1869S, 17712W, h0km, mb4.0/3, mb1 4.1/3, mb1mx3.7/16, mbtmp4.0/3, Error ellipse: s-maj=901.0km s-min=149.5km az=81.0, Fiji Islands region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	ISC	Time	Res
						h	m s
STKA	Stevens Creek	39.34	242	P	Op	18 24 07.5	+0.1
WRA	Warramunga Arr	45.70	260	P	P	18 24 59.2	-0.2
ASAR	Alice Springs	45.76	255	P	P	18 24 59.8	-0.1
ASAR	Alice Springs	45.76	255	P	P	18 24 59.8	-0.1

ISC/CBJ 03 18:23:47.7±1.0, 3864N, 006±3088E, 0.10, h20km±25km, Error ellipse: s-maj=14.7km s-min=7.6km az=35.7

ISC 03 18:23:47.3, 3865N, 3084E, h0km, MD2.5

ISC 03 18:23:48.2±0.9, 3863N, 006±309E, 0.11, h6km±23km, n6, ±0.85R, Turkey

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	ISC	Time	Res
						h	m s
SHUT	Suhut-Afyon	0.26	253	P	Op	18 23 52.9	-0.4
SHUT	Suhut-Afyon	0.26	253	P	Op	18 23 52.9	-0.4
TKPT	Teketepe	0.73	217	P	Pg	18 24 02.5	+0.4
KIZT	Kizilcal	0.82	239	P	Pg	18 24 03.2	+0.2
ESKT	Eskisehir	0.89	359	P	Pg	18 24 04.5	-0.8
ESKT	Eskisehir	0.89	359	P	Pg	18 24 04.5	-0.8
KONT	Konya-Tatoy	1.36	120	P	Pn	18 24 07.4	+2.1
KONT	Konya-Tatoy	1.36	120	P	Pn	18 24 13.6	-0.1

ISC 03 18:35:55.8±10.0, 1423S, 16731E, h190km±81km, mb3.8/10, mb1 3.9/10, mb1mx3.7/17, mbtmp3.8/10, Error ellipse: s-maj=62.5km s-min=22.8km az=104.0

ISC/CBJ 03 18:35:56.7±2.4, 141S, 03±1671E, 0.4, h200km, mb3.9/12, Error ellipse: s-maj=64.2km s-min=15.0km az=32.1

NEIC 03 18:35:57.1±1.1, 1417S, 16727E, h200km, mb4.0/7, Error ellipse: s-maj=39.8km s-min=13.5km az=135.0

ISC 03 18:35:58.5±2.3, 141S, 03±1671E, 0.40, h200km, n42, ±0.75D, 20, mb3.9/12, Vanuatu Islands

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	ISC	Time	Res
						h	m s
SHUT	Suhut-Afyon	0.26	253	P	Op	18 23 52.9	-0.4
SHUT	Suhut-Afyon	0.26	253	P	Op	18 23 52.9	-0.4
TKPT	Teketepe	0.73	217	P	Pg	18 24 02.5	

Table with columns for station code, name, coordinates, and other details. Includes stations like HHC, HHC, HHC, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like IDC 03 22:18:29.4, 3421S, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like PPT, PPT, PPT, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like HHC, HHC, HHC, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like AKH, AKH, AKH, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like ISCBJ 03 22:20:31.3, 0.5, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like NEIC 03 22:28:48.0, 1991N, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like URZ, URZ, URZ, etc.

mb4.2/8, Error ellipse: s-maj=26.4km s-min=10.4km az=25.2

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include MZ, MXZ, PZ, MWZ, RAO, URZ, and URZ.

ISCJ 02:22:34:59.0e.1.3, 34535x17846W, h48km, mb4.3/2, Error ellipse: s-maj=20.4km s-min=11.3km az=110.0

ISCJ 02:22:58.6e.1.4, 34515.010x1782W.02, h57km, mb4.0, n29, az=086/20, mb4.2/8, South of Kermadec Islands

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include MXZ, PZ, MWZ, RAO, URZ, and URZ.

IDC 02:22:42:30.0e.3.0, 34245x17831W, h0km, mb4.4/1, mb1.4, 5/13, mb1mx4.4/21, mbmp4.4/13, ML4.0/2, MS4.1/4, Ms1.4, 1/4, ms1mx3.5/22, Error ellipse: s-maj=21.8km s-min=18.9km az=31.0

ISCJ/B 02:22:42:31.6e.2.9, 34305.006x17849W.010, h15km, 18km, mb4.6/16, MS4.1/4, Error ellipse: s-maj=15.1km s-min=8.0km az=32.8

NEIC 02:22:36.2e.0.4, 34375x17846W, h35km, mb4.9/8, Error ellipse: s-maj=11.0km s-min=9.3km az=119.0

ISCJ 02:22:42:36.3e.3.4, 34295.006x17448W.010, h11km, 21km, n50, az=74/33, mb4.6/16, MS4.1/4, ID, South of Kermadec Islands

Large table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include MXZ, PZ, MWZ, RAO, URZ, and URZ.

Table with columns: EIL, LIC, KIC, TIC, MMAL, MBAL, AKASO, TOR, GERES. Rows include Elat, Lamto, Kosai, Toumudi, Mount Miron, Dimbokro, Malin Array, Torodi Arr, and Geres Array.

ISCJ/B 02:22:38.9e.2.6, 2755S.01x1763W.02, h82km, 22km, mb4.2/10, Error ellipse: s-maj=23.5km s-min=21.4km az=142.2

NEIC 02:22:38.3e.2.8, 27475x17623W, h64km, 24km, mb4.7/2, Error ellipse: s-maj=22.8km s-min=18.9km az=215.0

IDC 02:22:39.5e.3.6, 27485x17619W, h73km, 32km, mb3.8/7, mb1.4, 1/8, mb1mx4.0/16, mbmp3.9/8, MS3.6/1, Ms1.3, 8/7, ms1mx3.1/23, Error ellipse: s-maj=31.1km s-min=27.3km az=107.0

ISCJ 02:22:39.2e.6.2, 2755S.01x1763W.02, h70km, 22km, n26, az=095/19, mb4.1/10, Kermadec Islands region

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include RAO, HNR, SAO, STKA, WRB, VNA, FITZ, FMS, NB2, NOA, HFS, TXAR, CMAR, MKAR, BVAR, ARCEN, FINEA, NOA, AKASA, TOR, and TOR.

ISCJ/B 02:22:46:12.8e.1.0, 38332N.004x2030E.007, h5km, 5km, Error ellipse: s-maj=10.3km s-min=4.3km az=154.7

ATH 02:22:46:13.1, 3826N.2032E, h18km, 2km, MD3.6/7, CSEM 02:22:46:14.0, 3835N.2031E, h2km, ML3.4, Error ellipse: s-maj=5.1km s-min=1.9km az=59.0

THE 02:22:46:14.2, 3836N.2035E, h0km, ML3.4, NEIC 02:22:46:14.2, 3836N.2035E, h0km, MD3.6(ATH), ML3.4(TH), After THE.

ISCJ 02:22:46:13.7e.1.1, 3833N.004x2034E.008, h5km, 5km, n19, az=121/31, Greece

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include VLS, VLS, VLS, Anninata, KFL, LKD, LKD, RLS, RLS, RLS, Igo, Igo, Igo, EVR, EVR, EVR, EVR, JAN, JAN, KEK, KEK, KEK, ITM, ITM, AGG, AGG, AGG, DED, DED, DED, NIO, NIO, NIO, FNA, FNA, FNA, KRUS, KRUS, KRUS.

IDC 02:22:56:27.3e.0.9, 425N.12828E, h0km, mb3.8/8, mb1.3/8, mb1mx3.8/20, mbmp3.8/8, Error ellipse: s-maj=88.1km s-min=15.8km az=72.0

ISCJ/B 02:22:56:30.5e.0.5, 420N.008E, h281E.01, h33km, mb4.0/15, Error ellipse: s-maj=19.1km s-min=9.0km az=155.9

NEIC 02:22:56:32.0e.0.5, 420N.1281E, h35km, mb4.2/7, Error ellipse: s-maj=18.1km s-min=8.2km az=64.0

ISCJ 02:22:56:32.6e.0.5, 419N.008E, h281E.01, h35km, n24, az=088/23, mb4.0/15, North of Malheara

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include KKM, YHNB, WRB, WRB, WRB, ASAR, ASAR, ASAR, KRUS, KRUS, KRUS, STKA, LSA, SONM, MKK1, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include TKM2, ZALV, EKS2, KURK, BVAR, BRVK, ARU, GNI, GNI, PMR, TOR, TOR.

MAN 03:22:58:25, 1797N.12227E, h1km, mb4.2, ML3.1, MS2.8, 1D, Luzon

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include SGCP, SGCP, CVP, CVP, CVP, APY, CAUP, CAUP, BALP, BALP.

ISCJ/B 03:23:10:04.6e.0.5, 4438N.004x8332E.005, h10km, mb3.7/5, Error ellipse: s-maj=5.2km s-min=5.1km az=10.3

IDC 03:23:10:04.9e.0.9, 4440N.8336E, h0km, mb3.7/4, mb1.3/8, mb1mx3.6/8, mbmp3.6/8, ML3.6/3, Error ellipse: s-maj=27.4km s-min=11.5km az=62.0

NEIC 03:23:10:05.0e.0.6, 4440N.8335E, h10km, mb3.5/2, Error ellipse: s-maj=9.5km s-min=8.6km az=154.0

NMC 03:23:10:08.5e.1.5, 4437N.8321E, h7km, 10km, mb3.8, mpv3.5, Error ellipse: s-maj=13.4km s-min=9.3km az=152.0

B/J 03:23:10:09.1e.1, 4449N.8337E, h10km, mb3.9, ML3.7

ISCJ 03:23:10:06.3e.0.8, 4435N.03x8320E.004, h2km, 5km, n28, az=132/51, mb3.7/5, 15C-3D, North Xinjiang

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res. Rows include MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, WMQ, WMQ, WMQ, WMQ.

TKM2 03:23:10:08.5e.1, 576 258, comp=E, 8.9nm, 0.5s

TKM2 03:23:10:08.5e.1, 576 258, comp=E, 8.9nm, 0.5s

TKM2 03:23:10:08.5e.1, 576 258, comp=E, 8.9nm, 0.5s

TKM2 03:23:10:08.5e.1, 576 258, comp=E, 8.9nm, 0.5s

KURB 03:23:10:08.5e.1, 7.06 335, comp=E, 0.3nm, 0.5s

KURB 03:23:10:08.5e.1, 7.06 335, comp=E, 0.3nm, 0.5s

KURB 03:23:10:08.5e.1, 7.06 335, comp=E, 0.3nm, 0.5s

KURB 03:23:10:08.5e.1, 7.06 335, comp=E, 0.3nm, 0.5s

KURB 03:23:10:08.5e.1, 7.06 335, comp=E, 0.3nm, 0.5s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

KURK 03:23:10:08.5e.1, 7.11 335, comp=E, 4.9nm, 0.9s

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, and various technical details for stations like IDC 03 23:43:16.7, 2.1, 4961N, 14792E, etc.

IDC 03 23:44:04.8, 0.9, 3422S, 17854W, h0km, mb4, 4/6, mb1 4.5/7, mb1mx4.2/18, mbtmp4, 4/7, ML4.0/1, MS3.5/1, Ms1 3.5/1, ms1mx2.7/25, Error ellipse: s-maj=27.5km s-min=24.1km az=97.0°

ISCJB 03 23:44:05.4, 3.0, 3426S, 007.1786W, 0.1, h15km, 19km, mb4, 5/9, Error ellipse: s-maj=19.7km s-min=8.5km az=25.4°

NEIC 03 23:44:09.0, 0.5, 3424S, 17859W, h35km, mb4, 6/3, Error ellipse: s-maj=13.7km s-min=8.7km az=119.0°

ISC 03 23:44:06.4, 3.6, 3425S, 007.1786W, 0.1, h11km, 23km, n36, c073/24, mb4, 5/9, South of Kermadec Islands

Main station list table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, and technical data for stations like MXZ, PUZ, RAO, URZ, RPZ, etc.

ISCJB 04 00:03:18.8, 0.6, 3930N-003:2019E, 0.06, h10km, Error ellipse: s-maj=6.2km s-min=3.8km az=176.9°

ATH 04 00:03:19.7, 3934N-2031E, h35km, 10km, MD3.3/4 THE 04 00:03:19.0, 3928N-2015E, h0km, ML2.3, NEIC 04 00:03:19.0, 3928N-2015E, h0km, MD3.3(ATH), ML2.3(TH), After THE

CSEM 04 00:03:20.6, 3929N-2027E, h2km, ML2.3, Error ellipse: s-maj=3.4km s-min=2.5km az=72.0°

ISC 04 00:03:20.1, 0.6, 3928N-003:2029E, 0.06, h10km, n16, c1501/24, Greece-Albania border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, and technical data for stations like IGT, JAN, KEK, etc.

ISK 04 00:03:49.8, 3982N-3953E, h5km, MD3.5 CSEM 04 00:03:50.1, 3982N-3953E, h2km, MD3.5, Error ellipse: s-maj=1.7km s-min=1.4km az=129.0°

DDA 04 00:03:50.3, 3980N-3947E, h6km, 2km, MD3.5 ISCJB 04 00:03:51.0, 3.0, 3980N-003:3957E, 0.03, h10km, Error ellipse: s-maj=3.7km s-min=3.1km az=19.1°

ISC 04 00:03:51.9, 0.3, 3981N-002:3956E, 0.03, h10km, n33, c1500/44, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, and technical data for stations like EZZ, GUMT, KOPT, etc.

SZGRF 04 00:10:10.3, 51.13N-178.08W, h15km, mb4, 5, Andreanof Islands, Aleutian Islands, United States

NEIC 04 00:10:10.8, 51.08N-178.13W, h20km, mb4, 7/55, ML4.4(AEIC), After AIEIC

MOS 04 00:10:11.3, 0.8, 51.30N-178.20W, h33km, mb4, 7/48, Error ellipse: s-maj=9.6km s-min=6.0km az=92.1°

ISCJB 04 00:10:11.8, 0.3, 51.29N-005:17821W, 0.04, h36km, mb4, 7/98, MS3.8/14, Error ellipse: s-maj=7.6km s-min=3.3km az=171.9°

BJJ 04 00:10:12.7, 51.89N-178.98W, h20km, mb4, 9, mb4.8, Ms4.5, Ms2.2

IDC 04 00:10:15.6, 4.3, 51.36N-178.16W, h59km, 38km, mb4, 0/24, mb1 4.2/5, mb1mx1.4/30, mbtmp4, 0/25, ML3.6/1, MS3.5/8, Ms1 3.5/8, ms1mx3.3/32, Error ellipse: s-maj=18.2km s-min=11.2km az=165.0°

ISC 04 00:10:14.1, 0.3, 51.42N-005:17817W, 0.04, h38km, h38km, 1.7km, p-P, n284, c0986/287, mb4, 7/98, MS3.8/14, 18C-2SD, Andreanof Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, and technical data for stations like ADK, AMKA, SMY, etc.

PETK 03 22:28m, 21.5s, baz=274, slow=36 SWV2 Sparrevohin 15.77 43 eP S

KDAD Kodiak Island 16.07 57 eP S n 00 15 47.4 +4.3

KDAD Kodiak Island 16.07 57 eP S n 00 15 50.9 +4.4

KDAD Kodiak Island 16.07 57 eP S n 00 15 56.5 -0.5

KDAD Kodiak Island 16.07 57 eP S n 00 16 11.1 -2.8

KDAD Kodiak Island 16.07 57 eP S n 00 15 53.8 -3.2

TTA Talatina 16.54 37 eP pmx 00 14 02.9 +0.1

TTA Talatina 16.54 37 eP pmx 00 14 02.9 0.0

SLKM Skiklak Lake 17.97 49 eP Pn 00 14 20.8 +0.3

BILL Bilibino 18.32 341 eP pmx 00 14 26.0 +1.2

INM 03 22:33m, 1.0s MLR MLR 00 14 34.7 -0.9

Indian Mountain 19.21 31 eP Pn 00 14 37.1 -1.7

SEY Dawson 19.48 318 eP Pn 00 14 37.8 -3.8

MCK McKinley 19.72 40 eP Pn 00 14 37.8 -3.8

MCK McKinley 19.72 40 eP S S 00 18 19.5 -0.4

MCK McKinley 19.72 40 eP S S 00 18 19.5 -0.4

Table with columns: YKA, Station Name, Time, Res, and various technical details for stations like Yellowknife Ar, Mudanjiang, Yreka Blue Hor, etc.

Table of astronomical observations for 4d Oh, listing station codes (e.g., LZH, GTA, ARCES), station names, coordinates, and observation times.

Table of astronomical observations for KOLDANDA, listing station codes (e.g., AKASA, KIEV, KLV), station names, coordinates, and observation times.

Table of astronomical observations for PRAPAT, listing station codes (e.g., ORIF, LFF, LASF), station names, coordinates, and observation times.

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Table with columns for station codes (e.g., KSP, MORC, PSZ, VYH), names, and numerical data. Includes sub-sections like MORC, PSZ, VYH, etc.

Table with columns for station codes (e.g., NRDL, HWQ, SKAG), names, and numerical data. Includes sub-sections like NRDL, HWQ, SKAG, etc.

Table with columns for station codes (e.g., PERS, SOKA, SOKA), names, and numerical data. Includes sub-sections like PERS, SOKA, SOKA, etc.

Table of names and scores for 2007 JUL, including names like UCC, GCD, FETA, etc., and scores such as 57.57 314, 57.60 321, etc.

Table of names and scores for 2007 JUL, including names like KAPI, SSF, BNI, etc., and scores such as 60.81 169, 60.82 311, etc.

Table of names and scores for 4d 1h, including names like QUIF, LASF, RJF, etc., and scores such as 63.01 309, 63.05 311, etc.

Table with columns: Name, Date/Time, Location, Status, Odds. Rows include Sonseca Array, Sonseca Array, Sonseca Array, Schefferville, Moncorvo, Rattlesnake Hi, Hanford, Vila Real, Vianos, San Pablo, Beni Rached, Corvallis, Red Lodge, Huescar, Quesada, Tiaré, Castelo Branco, Missoula, Eagleton, Adamuz, Chamberlain Mo, Cogollos-Vega, Luque, Badajoz, Agon, Holter Rearear, Sierra Loja, Sierra Loja, Estremoz, Blue Mountains, Hull Mountain, Lac du Bonnet, Dagmar, Barrancos, Evora, Evora, Mina Concepcion, Mafrá, Lewis and Clar, Beja, Espera, Dillon, Bozeman (W), Greycliff, McKenzie Canyo, etc.

Table with columns: Name, Date/Time, Location, Status, Odds. Rows include LASA Array, Barranco-do-Ve, Modoc, Wild Horse Val, Earthquake Lak, Whiskeytown Da, Madison River, Red Lodge, Fitzroy Crossi, Lake, Indian Meadow, Moose Ponds, Ely, Red Top Meadow, Pah Rah Range, Battle Moutai, Battle Moutai, Hansel Valley, Boulder Array, Black Hills, Black Hills, Elko, Marble Bar, Hardware Ranch, South Promonto, Big Grassy Mou, Columbia Colle, Columbia Colle, Conover, Mina Array Bea, Mina Array Bea, CTU Cam Tracy, Dugway, etc.

Table with columns: Name, Date/Time, Location, Status, Odds. Rows include DUG, DUG, WRAB, WRAB, WRA, WRA, WRA, WBA, WBA, SAO, SAO, DDU, DDU, EROS, EROS, MTUM, PHWY, TMUT, GLMI, SRU, SRU, MVU, MVU, MSU, MSU, PKME, PKME, TPNV, TPNV, CCLA, CCLA, DAC, DAC, ARUT, ARUT, FRNY, ISA, ISA, CCUT, CCUT, LONY, LONY, ISCO, ISCO, ISCO, ISCO, JFWS, JFWS, JFWS, JFWS, JFWS, SMCO, SMCO, LBNH, LBNH, LBNH, LBNH, PV10, SCIA, SCIA, SCIA, SCIA, GSC, GSC, GSC, GSC, PV01, RW3, Hanover, CTA, CTA, CTAO, CTAO, ASAR, ASAR, ASAR, KMBQ, KMBQ, KMBQ, KMBQ, KMBQ, KMBQ, ACCN, ACCN, MWC, MWC, MWC, MWC, MWC, MWC, AAM, AAM, AAM, AAM, AAM, AAM, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MVCO Mesa Verde, SDCO Great Sand Dun, HRV Adam Dzewonski, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GOGA Godfrey, VBMS Vicksburg, STKA Stephens Creek, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VLS Valsamata, VLS Valsamata, KFL Anninata, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MOM Momotombo, CSAN Copalpete, HUYEN HUYEN, etc.

MOS 04 01:43:49.5:2.5,5550N:11033E, h8km, mb4,2/1, Error ellipse: s-maj=67.2km s-min=31.5km az=69.0

BYKJ 01:43:46.7:0.2,5539N:11039E, h7km,34km, 1C, Lake Baykop region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YLYR Ulyunkhan, etc.

ISCJB 04 01:29:40.7:1.1, 3923N:004:2016E, 009, h3km,9km, Error ellipse: s-maj=11.9km s-min=6.5km az=168.5

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

4d 2h

Table containing flight details for various airlines (ZALV, Zalesovo, NVL, Novosibirsk, NVS, BJI, Beijing, MDJ, Mudanjiang, etc.) with columns for destination, flight number, status, and time.

2007 JUL

Table containing flight details for various airlines (CD2, SS, AMB, MCK, etc.) with columns for destination, flight number, status, and time.

Table containing flight details for various airlines (AKASG, Malin Array Be, AKKB, Malin Array Si, etc.) with columns for destination, flight number, status, and time.

Table with columns: ICAO, Name, Frequency, Mode, Power, Class, and other technical details for stations 99-345.

Table with columns: ICAO, Name, Frequency, Mode, Power, Class, and other technical details for stations 345-655.

Table with columns: ICAO, Name, Frequency, Mode, Power, Class, and other technical details for stations 655-805.

IDC 04 02:27:43.1±1.3, 3832N:7634E, h0km, mb4.1/12, mb1 4.2/16, mb1mx4.1/27, mbtmp4.1/16, ML3.8/4, Error ellipse: s-maj=29.3km s-min=16.9km az=165.0, ISCJB 04 02:27:46.0±0.5, 3832N:002:7648E=004, h36km, 5km, mb4.2/28, MS3.8/3, Error ellipse: s-maj=5.8km s-min=3.2km az=162.3, MOS 04 02:27:47.1±1.2, 3841N:7632E, h33km, mb4.4/16, Error ellipse: s-maj=13.9km s-min=7.5km az=96.8, BUJ 04 02:27:50.0, 3870N:7647E, h55km, mb4.7, mb4.4, ML4.3, ML4.0, MS3.7, NEIC 04 02:27:51.2±1.2, 3850N:7640E, h58km, 9km, mb4.2/10, Error ellipse: s-maj=13.0km s-min=8.4km az=136.0, ISC 04 02:27:49.2±0.4, 3837N:002:7653E=004, h44km, 5km, n111, c1939/128, mb4.2/28, MS3.8/3, 5C-2D, Southern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details for stations 805-975.

BUJ 04 03:20:35.1, 3745N, 7586E, h10km, ML3.8
IDC 04 03:20:47.1, 2.3, 3826N, 7626E, h0km, mb3.6/4, mb1 3.6/6,
mb1mx3.4/24, mbtmp3.5/6, ML3.3/2, Error ellipse:
s-maj=51.4km s-min=25.6km az=150.0,
NEIC 04 03:20:48.2, 1.2, 3814N, 7621E, h10km, mb3.7/1, Error
ellipse: s-maj=15.5km s-min=14.9km az=188.0,
ISC/JB 04 03:20:50.1, 1.4, 3855N, 0.763E, 0.1, h10km, mb3.5/4,
Error ellipse: s-maj=18.5km s-min=9.0km az=37.6,
ISC 04 03:20:50.1, 1.1, 3832N, 0.09762E, 0.1, h10km, n14,
r127/22, mb3.5/4, 1C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Kashi, Almayashu, Tokmak 2, Karatay Array, Makanchi Array, Kurchatov, Borovoye, Zalesovo Beam, Songino Array, FINESS Array B, ARCES Array B, Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Parys, Boshof, Uoyan, Suvo, Severomuyk, Maximikha, Ongureny, Bodaibo, Nelyaty, Tyrgan, Ulan-Yde, Fotonovo, Khuramsha, Chara.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Nizh Angarsk, Kurora, Uoyan, Suvo, Severomuyk, Maximikha, Ongureny, Bodaibo, Nelyaty, Tyrgan, Ulan-Yde, Fotonovo, Khuramsha, Chara, Listyanka.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Irkutsk, Tupik, Monday, Oriolik, Orlik.

MOS 04 03:45:44.7, 1.4, 5541N, 11033E, h7km, mb4.3/1, Error
ellipse: s-maj=37.8km s-min=14.4km az=60.0,
BYKL 04 03:45:44.3, 0.2, 5542N, 11037E, h1km, 15km, 1C-1D,
Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Nizh Angarsk, Kurora, Uoyan, Suvo, Severomuyk, Maximikha, Ongureny, Bodaibo, Nelyaty, Tyrgan, Ulan-Yde, Fotonovo, Khuramsha, Chara, Listyanka.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Talaya, Arshan, Mondy, Orlik, lengra.

MOS 04 03:51:37.0, 1.6, 5549N, 11035E, h6km, mb4.3/1, Error
ellipse: s-maj=59.4km s-min=20.5km az=58.5,
BYKL 04 03:51:36.9, 0.2, 5542N, 11043E, h5km, 20km, 2D, Lake
Baykal region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Nizh Angarsk, Kurora, Uoyan, Suvo, Severomuyk, Maximikha, Ongureny, Bodaibo, Nelyaty, Tyrgan, Ulan-Yde, Fotonovo, Khuramsha, Chara.

Table with columns: CRS, Chara, 4.63 68, ePg, Pg, Sg, 03 53 00.8 -4.7, 03 54 00.2 -5.1, comp=N,87nm,0.5s, etc.

Table with columns: CRS, Chara, 4.65 68, ePN, Pn, 03 57 09.9 +14, 03 58 09.2, comp=N,18nm,0.7s, etc.

Table with columns: NLYR, 04 05 24.4 -2.9, 04 05 27.3, 04 06 05.4 -2.7, comp=N,24nm,0.6s, etc.

KRSC 04 03:51:54.9:1.3, 5079N:16023E, h32km, 32km, ML3.7, East of Kuril Islands

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

ISCJB 04 03:59:13.0:0.5, 3931N:003:2300E:004, h11km, 5km, Error ellipse: s-maj=5.4km s-min=4.3km az=41.4

CSEM 04 03:59:13.6:0.2, 3928N:2299E, h10km, MD3.2, Error ellipse: s-maj=4.4km s-min=3.6km az=140.0

THE 04 03:59:14.0, 3928N:2299E, h9km, ML3.0, ISC 04 03:59:13.4:0.5, 3929N:003:2302E:004, h16km, 4km, n20, r1908/29, 1D, Aegean Sea

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

LSTR 04 03:59:13.0:0.5, 3931N:003:2300E:004, h11km, 5km, Error ellipse: s-maj=5.4km s-min=4.3km az=41.4

ATH 04 03:59:13.7, 3928N:2302E, h15km, 1km, MD3.2/6, NEIC 04 03:59:13.7, 3928N:2302E, h15km, MD3.2(ATH), ATH

TUP 04 03:59:14.0, 3928N:2299E, h9km, ML3.0, ISC 04 03:59:13.4:0.5, 3929N:003:2302E:004, h16km, 4km, n20, r1908/29, 1D, Aegean Sea

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

MOS 04 03:55:44.8:6.3, 5534N:11041E, h7km, mb4.2/1, Error ellipse: s-maj=59.4km s-min=20.5km az=58.5

BYKL 04 03:55:45.2:0.2, 5543N:11038E, h7km, 21km, 1C-1D, Lake Baykal region

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

MOS 04 04:04:26.2:1.5, 5547N:11033E, h12km, mb4.3/1, Error ellipse: s-maj=67.4km s-min=36.1km az=59.6

BYKL 04 04:04:27.0:0.2, 5541N:11044E, h6km, 11km, 1C, Lake Baykal region

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

BJI 04 04:09:39.2, 5556N:11124E, h8km, mb4.6, mb4.4, Ms4.2, Msz4.0

MOS 04 04:09:40.9:1.3, 5549N:11042E, h6km, mb4.4/9, Error ellipse: s-maj=10.7km s-min=6.5km az=67.0

ISCJB 04 04:09:41.1:0.2, 5541N:002:11047E:004, h10km, ms3.8/13, MS3.2/6, Error ellipse: s-maj=3.6km s-min=2.3km az=143.2

BYKL 04 04:09:42.2:0.2, 5540N:11039E, h2km, 12km, ms3.8/13, MS3.2/6, Error ellipse: s-maj=3.6km s-min=2.3km az=143.2

ISC 04 04:09:42.7:0.2, 5543N:002:11050E:003, h10km, n80, r1533/17, mb3.8/13, MS3.2/6, 5C-4D, Lake Baykal region

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

4d 4h

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Table with columns for station name, frequency, power, and other parameters. Includes stations like SVKR, SVKR Severomysk, MXMB Maximikha, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like ZAK, MOY MOY, MOY MOY, etc.

Table with columns for station name, frequency, power, and other parameters. Includes stations like IDC 04:04:33:28.5, RAO Raoul Island, etc.

ISCJB 04:04:33:28.5:1.1, 28950:17827W, h216km, mb3.5/5, mb3.7/7, Error ellipse: s-maj=21.4km s-min=25.1km az=150.2

NEIC 04:04:33:28.9:0.9, 2891S:17814W, h227km, mb4.1/3, Error ellipse: s-maj=23.1km s-min=18.4km az=119.0

Table with columns: SMCO, ECSD, SRU, RWWY, MSU, RSSD, DAU, BW06, AGMIS, HWUT, BGU, PLCA, REDW, SNOW, LOHW, TPAW, MOOW, ELK, RLMT, NVAR, ULM, GCMT, DGMT, HLID, BOZ, MSO, SCHO, FFC, YKA, DLBC, PPT, INK, MCK, ESDD, TORD, NOA, GERES, ARCES, FINES, MKAR, SONM, HHC, ASAR, WRA, WRA, GDY, GY2, FITZ. Includes station names, coordinates, and various codes.

IDC 04 04:47:11.8:1.6,033S-12733E,h0km,mb3.4/3,mb1 3.6/3,mb1mx3.4/17,mbtmp3.4/3, Error ellipse: s-maj=157.9km s-min=25.2km az=73.0,Halmahera

Table with columns: WRA, ASAR, SONM, MAN 04:05:20,1091N:12256E,h20km,mb4.3,ML3.1,MS2.9,1C,Panay. Includes station names and coordinates.

ISCJB 04 05:06:34.8:1.2,247N:02.948E,02,h134km,11km,mb3.4/4, Error ellipse: s-maj=48.7km s-min=13.3km az=40.6

IDC 04 05:06:35.9:3.8,2491N:9507E,h126km,38km,mb3.2/4,mb1 3.4/5,mb1mx3.1/24,mbtmp3.2/5,MS3.4/1,MS1 3.4/1,ms1mx2.6/19, Error ellipse: s-maj=64.4km s-min=21.1km az=52.0

ISC 04 05:06:35.9:1.4,248N:02.948E,02,h127km,14km,n8,0583/9,mb3.4/4,Myanmar-India border region

Table with columns: IMP, SHL, CMAR, MKAR, KAPI, WRA, NOA. Includes station names and coordinates.

TORD 0.4nm,0.5s,mb3.5,baz=82,slow=6.4,SNR=2.4 Torodi Arr. Bea 87.36 283 P 05 19 10.6 +1.4

ISCJB 04 05:23:57.5:0.3,5535N:003:11043E:004,h10km,mb3.6/5, Error ellipse: s-maj=4.3km s-min=2.4km az=140.3

MOS 04 05:23:57.9:0.9,5547N:11029E,h7km,mb4.3/5, Error ellipse: s-maj=13.2km s-min=7.8km az=60.7

IDC 04 05:23:57.1:3.9,5552N:11088E,h0km,mb3.6/4,mb1 3.7/7,mb1mx3.5/25,mbtmp3.6/7,ML3.4/3, Error ellipse: s-maj=72.9km s-min=32.1km az=104.0

BYKL 04 05:23:59.3:0.3,5541N:11031E,h4km,mb3.7/2, Error ellipse: s-maj=25.8km s-min=16.1km az=91.0

ISC 04 05:23:59.3:0.3,5552N:003:11042E:004,h10km,n52,01943/83,mb3.6/5,1C-3D,Lake Baykal region

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

IRK Irkutsk 4.80 232 ePn Pg 05 24 55 -6.7

LSTR LSTR LSTR LSTR comp=N,124nm,1.3s Talaya 5.48 230 ePn Pn 05 25 22.5 +1.7

KHNR Khani 5.57 70 ePn Pn 05 25 24.4 +2.4

ZAK ZAK ZAK ZAK comp=N,171nm,1.1s Tupik 5.59 96 ePn Pn 05 25 23.7 +1.4

ORL Oriik 6.87 250 ePn Pn 05 25 41.4 +1.5

SONM Songino Array 7.95 200 Pn Pn 05 25 57.3 +2.5

BRV Borovoye 23.31 281 P P 05 29 10.2 +3.1

ARCES ARCES Array B 38.15 325 P P 05 31 17.1 -0.9

FINES FINES Array B 41.66 314 P P 05 31 46.9 -0.4

NOA NORSAR Array B 47.71 320 P P 05 32 35.6 0.0

STEI Steigen 0.26 5 iP Pg 05 36 24.2 +0.7

MOR Mor Rana 1.54 191 ePn Pn 05 36 45.4 -1.4

STOK			eS	Sn	05 37 09.0 +0.2
STOK			AML	AML	05 37 12.3
STOK	comp=Z,162nm,0.4s				
STOK	Stokkvaagen	1.59 213	eP	Pn	05 36 47.1 -0.6
STOK			eS	Sn	05 37 09.0 +0.2
STOK	Stokkvaagen	1.59 213	eP	Pn	05 36 47.1 -0.5
STOK			eS	Sn	05 37 09.0 +0.3
STOK	comp=Z,162nm,0.4s,SNR=50				
TRO	Tromso	2.40 30	eP	Pn	05 36 59.0 +0.2
TRO			eS	Sn	05 37 28.2 -0.5
TRO			eSg	Sg	05 37 33.3 -2.2
TRO			AML	AML	05 37 35.4
TRO	comp=Z,68nm,0.4s				
TRO	Tromso	2.40 33	eP	Pn	05 36 59.0 +0.2
TRO			eS	Sn	05 37 29.7 +1.0
TRO	Tromso	2.40 33	eP	Pn	05 36 59.0 +0.2
TRO			eS	Sn	05 37 28.2 -0.5
TRO	SNR=50		eSg	Sg	05 37 33.3 -2.2
TRO	SNR=90		eS	Sn	05 37 00.9 +1.1
KIF	Kilpisjarvi	2.48 55	eP	Pn	05 37 37.2 -0.8
KIF			eSg	Sg	05 37 12.1 +1.4
HEF	Hetta	3.27 73	eP	Pn	05 37 51.5 +1.3
HEF			eS	Sn	05 38 08.5
HEF	comp=Z,14nm,0.3s		MSG		
KTK1	Kautokeino	3.28 62	eP	Pn	05 37 11.1 +0.3
KTK1			eS	Sn	05 37 51.3 +1.0
KTK1			AML	AML	05 38 05.1
KTK1	comp=Z,42nm,0.4s				
KTK1	Kautokeino	3.28 62	eP	Pn	05 37 11.6 +0.7
KTK1			eSg	Sg	05 38 00.8 -2.8
KTK1	Kautokeino	3.28 62	eP	Pn	05 37 11.6 +0.3
KTK1			eS	Sn	05 37 51.3 +1.0
KTK1	comp=Z,42nm,0.4s,SNR=50				
NSS	Namsos	3.42 204	eP	Pn	05 37 13.4 +0.7
ARRA	ARCESS Array S	4.22 59	eP	Pn	05 37 23.3 -0.4
ARRA	baz=250,slow=14				
ARRA			Sn	Sn	05 38 12.2 -1.3
ARRA	baz=242,slow=22		Lg		05 38 29.9
ARRA	baz=244,slow=28				
ARRA	ARCESS Array S	4.22 59	eP	Pn	05 37 23.3 -0.4
ARRA			eS	Sn	05 38 12.2 -1.3
ARRA			eSg	Sg	05 38 29.9 -3.9
ARRA	ARCESS Array S	4.22 59	eP	Pn	05 37 23.3 -0.4
ARRA	SNR=0.8				
ARRA			Sn	Sn	05 38 12.2 -1.3
ARRA	SNR=5.9				
ARRA	ARCESS Array B	4.22 59	eP	Pb	05 37 34.8 +1.5
ARRA			eS	Pg	05 37 47.8 +8.5
ARRA			Sn	Sn	05 38 30.2 -3.6
ARRA	ARCESS Array B	4.22 59	eP	Pb	05 37 34.8 +1.5
ARRA	comp=Z,2.5nm,0.3s,slow=250,slow=14,SNR=48				
ARRA			Pg	Pg	05 37 47.8 +8.5
ARRA			Sn	Sg	05 38 30.2 -3.6
ARRA	comp=Z,1.3nm,0.3s,slow=249,slow=18,SNR=6.4				
ARRA	ARCESS Array S	4.22 59	eP	Pb	05 37 34.2 +0.8
ARRA			eS	Pn	05 37 32.1 +0.6
ARRA			Sn	Sn	05 38 26.7 -0.8
ARRA			MSG		05 38 50.7
ARRA	comp=Z,9.4nm,0.2s				
ARRA	Kevo	4.79 59	eP	Pn	05 37 32.0 +0.5
ARRA			eS	Pn	05 37 32.0 +0.4
ARRA	Oulu	5.03 116	eP	Pn	05 37 36.7 +1.9
ARRA			eS	Sn	05 38 34.2 +0.8
ARRA			MSG		
ARRA	comp=Z,6.1nm,0.4s				
ARRA	Ylistaro	5.60 143	eP	Pn	05 37 45.0 +2.2
ARRA			eS	Sn	05 38 46.7 -0.9
ARRA			MSG		05 39 21.9
ARRA	comp=Z,3.9nm,0.2s				
ARRA	Rieikki	6.03 99	eP	Pn	05 37 49.2 +0.7
ARRA			eS	Sn	05 38 57.0 -1.1
ARRA			MSG		05 39 33.9
ARRA	comp=Z,6.7nm,0.3s				
ARRA	Kajaani	6.27 119	eP	Pn	05 37 53.7 +1.9
ARRA			eS	Sn	05 39 03.2 -0.7
ARRA	Sumiainen	6.77 132	eP	Pn	05 38 06.6 +1.8
ARRA			eS	Sn	05 39 16.3 -0.1
ARRA			Sn	Sn	05 37 57.2 -1.8
ARRA	Apatity Array	6.79 82	eP	Pn	05 39 12.8 -4.1
ARRA	baz=286,slow=14				
ARRA			Sn	Sn	05 39 12.8 -4.1
ARRA	baz=275,slow=28		Lg		05 39 49.1
ARRA	baz=294,slow=37				
ARRA	Apatity Array	6.79 82	eP	Pn	05 37 57.2 -1.8
ARRA			eS	Pn	05 39 12.8 -4.1
ARRA			eSg	Sb	05 39 49.1 +1.1
ARRA	Apatity Array	6.79 82	eP	Pn	05 37 57.2 -1.8
ARRA			Sn	Sn	05 39 12.8 -4.0
ARRA	SNR=5.8				
ARRA	NORSAR Subarra	6.88 196	eP	Pn	05 38 01.3 +1.1
ARRA	baz=12,slow=12				
ARRA			Sn	Sn	05 39 18.3 -0.6
ARRA	baz=15,slow=28		Lg		05 39 50.2
ARRA	baz=6.8,slow=28				
ARRA	NORSAR Subarra	6.88 196	eP	Pn	05 38 01.3 +1.1
ARRA			eS	Sn	05 39 18.3 -0.6
ARRA			eSg	Sg	05 39 50.2 -8.8
ARRA	NORSAR Array B	6.88 196	eP	Pn	05 38 01.1 +0.9
ARRA	comp=Z,0.3nm,0.3s,slow=12,slow=14,SNR=2.7				
ARRA			Sn	Sn	05 39 17.5 -1.4
ARRA	comp=Z,0.5nm,0.3s,slow=40,slow=21,SNR=4.0				
ARRA	Keuruu	6.88 139	eP	Pn	05 38 01.3 +1.0
ARRA			eS	Pn	05 39 18.3 -0.7
ARRA			eS	Pn	05 38 07.5 +1.4
ARRA	Kangasniemi	7.31 134	eP	Pn	05 39 29.0 -0.5
ARRA			eS	Pn	05 40 24.1 0.0
ARRA			eS	Pn	05 39 35.3 -1.3
ARRA	Hagfors	7.60 186	eP	Pn	05 40 19.7
ARRA			eS	Pn	05 38 09.5 -0.6
ARRA			Pn	Pn	05 39 33.5 -3.1
ARRA	comp=Z,0.2nm,0.3s,slow=9.5,slow=13,SNR=6.0				
ARRA	Hagfors	7.60 186	eP	Pn	05 38 10.1 0.0
ARRA	baz=7.2,slow=12				
ARRA			Sn	Sn	05 39 35.3 -1.3
ARRA	baz=12,slow=28		Lg		05 40 19.7
ARRA	baz=360,slow=28				
ARRA	Hagfors	7.60 186	eP	Pn	05 38 10.1 0.0
ARRA	SNR=5.8				
ARRA	FINESS Array S	7.80 138	eP	Pn	05 39 33.5 -3.1
ARRA	baz=330,slow=14				
ARRA			Sn	Sn	05 38 13.7 +0.8
ARRA	baz=333,slow=28		Lg		05 40 24.1
ARRA	FINESS Array S	7.80 138	eP	Pn	05 38 13.7 +0.8
ARRA			eS	Pn	05 39 39.9 -1.9
ARRA			eSg	Sg	05 40 24.1 -4.7
ARRA	FINESS Array B	7.80 138	eP	Pn	05 38 13.9 +1.0
ARRA	comp=Z,0.1nm,0.3s,slow=334,slow=13,SNR=3.9				
ARRA			Sn	Sn	05 39 40.9 -0.8
ARRA	comp=Z,0.5nm,0.3s,slow=322,slow=24,SNR=6.5				
ARRA			Lg		05 40 24.9
ARRA	comp=Z,0.6nm,0.3s,slow=324,slow=31,SNR=9.8				
ARRA	Joensuu	8.25 118	eP	Pn	05 38 20.0 +0.9
ARRA			eS	Sn	05 39 50.2 -2.5

KMO	comp=E,798nm,1.8s		smax		
KMO	Kumora	0.67 47	eP	Pg	05 52 10.4 -1.5
KMO			eSg	Sg	05 52 19.7 -0.9
KMO			Pmax		
KMO	comp=E,155nm,0.3s				
KMO	Uoyan	1.06 48	eP	Pg	05 52 18.5 -0.7
KMO			eS	Pg	05 52 33.0
KMO	comp=E,670nm,1.0s				
KMO	Uoyan	1.06 48	eP	Pg	05 52 18.5 -0.7
KMO			eS	Pg	05 52 33.0
KMO	comp=Z,201nm,0.2s				
KMO			pmax	pmax	
KMO			smax		
KMO	comp=E,939nm,0.7s				
KMO	Uoyan	1.06 48	eSg	Sg	05 52 33.3 +0.4
KMO			Smx		
KMO	comp=E,590nm,0.4s				
KMO	Suvo	1.79 186	eP	Pn	05 52 31.2 +0.2
KMO			eS	Pn	05 52 55.7
KMO			pmax	pmax	
KMO	comp=Z,68nm,0.6s				
KMO			smax		
KMO	comp=E,288nm,0.6s				
KMO	Suvo	1.79 186	eP	Pg	05 52 31.0 -2.2
KMO			eSg	Sg	05 52 55.5 -0.8
KMO			eS	Sg	05 52 58.2
KMO			Pmax		
KMO	comp=E,68nm,0.2s				
KMO			max		
KMO	comp=E,273nm,0.3s				
KMO	Severomuysk	1.95 68	eP	Pn	05 52 33.4 +0.1
KMO			eS	Pn	05 52 59.8
KMO			pmax	pmax	
KMO	comp=Z,140nm,0.3s				
KMO	Severomuysk	1.95 68	eP	Pg	05 52 34.0 -2.3
KMO			eSg	Pg	05 53 00.4 -1.2
KMO			Pmax		
KMO	comp=N,886nm,0.7s				
KMO	Severomuysk	1.95 68	eP	Pg	05 52 34.0 -2.3
KMO			eSg	Pg	05 53 00.4 -1.2
KMO			Pmax		
KMO	comp=N,148nm,0.3s				
KMO			Smx		
KMO	comp=N,848nm,0.5s				
KMO	Maximikha	2.36 204	eP	Pn	05 52 39.5 +0.6
KMO			eS	Pg	05 52 41.6 -2.6
KMO			eSg	Pg	05 53 13.9 -0.9
KMO			Pmax		
KMO	comp=N,52nm,0.4s				
KMO			Smx		
KMO	comp=N,380nm,0.6s				
KMO	Ongureny	2.40 223	eP	Pn	05 52 40.5 +1.1
KMO			eS	Pn	05 52 43.7
KMO			e	Pn	05 53 14.1
KMO			pmax	pmax	
KMO	comp=Z,34nm,0.6s				
KMO			smx		
KMO	comp=N,187nm,0.6s				
KMO	Ongureny	2.40 223	eP	Pn	05 52 39.0 -0.4
KMO			eS	Pn	05 52 42.9 -2.0
KMO			eSg	Pn	05 53 13.5 -2.4
KMO			Pmax		
KMO	comp=N,34nm,0.4s				
KMO			Smx		
KMO	comp=N,180nm,0.3s				
KMO	Bodaibo	3.14 39	eP	Pn	05 52 48.8 -0.8
KMO			eSg	Pn	05 53 35.1 -4.7
KMO			Smx		
KMO	comp=N,73nm,0.5s				
KMO	Nelyaty	3.20 68	eP	Pn	

GII 04 06:00:55.8z.3, 3Z21N-3544E, h0km, ML1.7/1, EXPLOSION, Dead Sea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MMLI, HMDT, SLTI, MMB2, MMA2, MMC6, MNC6.

MOS 04 06:03:08.2z.1.3, 3544N-11035E, h12km, mb4.6/1, Error ellipse: s-maj=14.5km s-min=8.2km az=63.6

Main table for the first section, listing various stations and their associated data points across multiple rows.

Main table for the second section, listing stations like Chita, Ulan-Yde, Fotonovo, Khamrasfa, Chara, Arshan, etc., with their respective data.

Main table for the third section, listing stations like Bafgh, Chekchek, Mehriz, Sadrabad, Kerman, etc., with their respective data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IMOG Moghan, ZHSF Zahedan, and ARU Aru.

Table with columns: Station Name, Frequency, Band, Mode, Class, Power, and other parameters. Includes stations like KECS, PKSM Moragy, VYHS Yyhtne, etc.

Table with columns: Station Name, Frequency, Band, Mode, Class, Power, and other parameters. Includes stations like GRF Grafenberg Arr, GRF Danuets, GRF Grafenberg Arr, etc.

Table with columns: Station Name, Frequency, Band, Mode, Class, Power, and other parameters. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table of satellite data for stations 4d 6h, including station names like GYA, ERTA, FLN, HHC, etc., and their respective coordinates and status.

Table of satellite data for stations EVO, EVO, EVO, etc., including station names like EVO, EVO, EVO, etc., and their respective coordinates and status.

Table of satellite data for stations NIZ, KMO, KMO, etc., including station names like NIZ, KMO, KMO, etc., and their respective coordinates and status.

MOS 04 06:11:41.3e.1,0,5555N;11024E,h9km,mb4.3/1, Error ellipse: s-maj=54.1km s-min=22.2km az=56.2

THE 04 06:14:58.6,3836N;2032E,h7km,ML2.8,Greece

MOS 04 06:17:19.5e.1,6,5545N;11028E,h7km,mb4.3/1, Error ellipse: s-maj=68.9km s-min=21.6km az=64.7

BYKL 04 06:17:18.7e.0,2,5540N;11036E,h4km;12km,1C,Lake Baykal region

Table with columns: YOA, YOA, comp, i, pmax, pmax, 06 17 52.2, etc. Includes stations like Suvo, Severomuyusk, Maximikha, Ongureny, Bodaibo, Nelyaty, Zarechye, Tyrgan, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

Table with columns: YOA, YOA, comp, i, pmax, pmax, 06 17 52.2, etc. Includes stations like Suvo, Severomuyusk, Maximikha, Ongureny, Bodaibo, Nelyaty, Tyrgan, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

Table with columns: CNCH, CNCH, TGU, TGU, TEL3, TEL3, TELN, TELN, COPN, COPN, TEIG, TEIG, ROSC, ROSC, CHI2, CHI2, AGMN, AGMN, NVAR, NVAR, SCHG, SCHG, SCHG, SCHG, YKA, YKA, ARCES, ARCES, WRA, WRA, FITZ, FITZ. Includes stations like Conchagua, Tegucigalpa, El Rosal, Agassiz Refugio, Mina Array Bea, Schefferville, Yellowknife Ar, ARCES Array B, Warramunga Arr, Fitzroy Crossi.

MOS 04 07:04:38.1a.0.8.5539N.11045E.h5km,mb4.4/1, Error ellipse: s-maj=28.7km s-min=10.0km az=56.4 BYKL 04 07:04:39.3.0.3.5546N.11036E.h5km,13km,1C-1D, Lake Baykal region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Severomuyusk, Nelyaty, Zarechye, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

MAN 04 06:42:52.1021N.12618E.h24km,mb4.5,ML3.4,MS3.2, 2D,Philippine Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Surigao, Maasin, Palo, Borongan, Tagbilaran, Catarman, Virac, lengra.

MAN 04 06:43:29.5.1.1.5545N.11041E.h9km,mb4.2/1, Error ellipse: s-maj=53.9km s-min=14.5km az=61.3

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like San Blas, San Jose, El Retiro, Boqueron, La Fuente, Robledal, Las Brisas, La Ceiba, San Vicente, Pacaya, Montecristo 2, Las Nubes, Fuego 3, San Miguel, Fc6, Bellamira, Cacacuatique.

MAN 04 06:43:29.6.0.2.5545N.11040E.h14km,32km,Lake Baykal region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Severomuyusk, Nelyaty, Zarechye, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

MOS 04 06:43:29.5.1.1.5545N.11041E.h9km,mb4.2/1, Error ellipse: s-maj=53.9km s-min=14.5km az=61.3

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Severomuyusk, Nelyaty, Zarechye, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

BYKL 04 06:43:29.6.0.2.5545N.11040E.h14km,32km,Lake Baykal region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Severomuyusk, Nelyaty, Zarechye, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

MOS 04 07:04:38.1a.0.8.5539N.11045E.h5km,mb4.4/1, Error ellipse: s-maj=28.7km s-min=10.0km az=56.4

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Severomuyusk, Nelyaty, Zarechye, Ulan-Yde, Fofonovo, Khuramsha, Chara, Talaya, Khan, Tupik, Arshan, Oriik, lengra.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, FITZ, MAJAO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPAZ, SDV, TOAD, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVKR, MXMB, etc.

Code	Station Name	Δ°	AZ	Phase ID	Time	Res	ISC
ORL	Smax				09 03 40.6		
ULN	comp=N,554nm,1.4s	7.85	197	P	Pn	09 01 54.1	+2.5
ULN	Ulaanbaatar	7.85	197	ePn	Pn	09 01 54.0	+2.3
ULN	Ulaanbaatar	7.85	197	ePn	Pn	09 01 56.4	+2.8
SOMM	Songino Array	8.00	200	Pg	Pn	09 02 25.4	+3.2
SOMM	Songino Array	8.00	200	Lg	LR	09 04 10.4	
SOMM	Songino Array	8.00	200	LR	LR	09 05 18.8	+2.8
SOMM	comp=N,0.5nm,0.3s,baz=10,slo=14,SNR=6.8			Pg	Pn	09 02 25.4	+3.2
SOMM	comp=N,0.8nm,0.3s,baz=6.0,slo=20,SNR=12			Lg	LR	09 04 10.4	
SOMM	comp=N,0.8nm,0.3s,baz=12,slo=30,SNR=5.0			Lg	LR	09 05 18.8	
SOMM	comp=N,57nm,19.7s,baz=217,slo=40	8.00	200	PN	Pn	09 01 56.4	+2.7
SOMM	Songino Array	8.00	200	PN	Pn	09 02 25.4	
NRGR	Nerungri	8.11	75	ePn	Pn	09 02 05.3	+1.0
IENR	lengra	8.18	78	ePn	Pn	09 01 57.0	+0.9
IENR	IENR			eSn	Sn	09 03 28.0	-0.4
IENR	IENR			eSg	Sn	09 04 12.7	+4.4
HJA	Hailar	8.39	133	ePn	Pn	09 02 00.2	+1.1
TUJY	Todzha	8.96	256	ePn	Sx	09 04 34.3	
YAK	Yakutsk	11.97	49	ePn	Pn	09 02 45.8	-2.2
YAK	YAK			e	Pn	09 04 56.6	
YAK	comp=Z,5.0nm,0.5s			e	pmax		
YAK	comp=N,7.0nm,0.9s			e	smax		
ZAAO	Zalesovo Array	14.86	275	eP	Pn	09 03 28.7	+1.3
ZALV	Zalesovo Beam	14.86	275	Pn	Pn	09 03 27.9	+0.5
ZALV	baz=77,slo=9.4,SNR=13			Lg	LR	09 07 44.0	
ZALV	comp=N,0.1nm,0.3s,baz=87,slo=26,SNR=3.7			Lg	LR	09 09 30.4	
ZALV	comp=N,32nm,19.4s,baz=186,slo=39			Lg	LR	09 09 30.4	
ZALV	Zalesovo	14.87	275	P	Pn	09 03 27.9	+0.3
TIXI	Tiksi	18.09	19	eP	Pn	09 03 08.1	-0.5
TIXI	TIXI			e	pmax		
MK31	Makanchi Array	19.55	256	eP	Pn	09 04 27.4	+1.1
MKAR	Makanchi Array	19.55	256	eP	Pn	09 04 26.9	+0.6
KURK	comp=Z,0.4nm,0.3s,baz=61,slo=10,SNR=7.2			P	Pn	09 04 26.3	-0.3
KURK	Kurchatov	19.57	269	eP	Pn	09 04 26.3	-0.4
KURK	Kurchatov	19.57	269	eP	Pn	09 04 26.3	-0.4
KSRs	Korea Array	21.53	139	LR	LR	09 13 54.5	
SEY	Seymchan	22.41	531	P	P	09 04 56.3	+0.5
BVAR	Borovyoye Array	23.30	281	P	P	09 05 07.6	+2.2
BRVK	comp=Z,2.7nm,0.6s,mb3.8,baz=66,slo=11,SNR=8.8			P	Pn	09 05 06.8	+0.9
BRVK	Borovyoye	23.35	281	eP	Pn	09 05 06.8	+0.9
BRVK	Borovyoye	23.35	281	eP	Pn	09 05 06.8	+0.9
JNU	Nakatsue	26.48	139	LR	LR	09 16 58.6	
BILL	comp=Z,4.0nm,19.6s,MS3.0,baz=360,slo=38			P	Pn	09 05 49.0	-0.5
BILL	Billbino	28.17	411	eP	Pn	09 05 49.0	-0.5
ARU	Arti	28.51	294	dIP	P	09 05 50.2	-2.5
ARU	ARU			eS	S	09 10 39.0	-1.1
ARU	ARU			eS	S	09 11 57.1	
FINES	FINES Array B	41.63	314	P	P	09 07 45.5	+0.2
FINES	comp=Z,1.6nm,1.0s,mb3.6,baz=48,slo=2.8,SNR=4.0			P	P	09 07 45.5	+0.2

MOS 04 09:09:24.9, 1.6, 5535N, 11045E, h11km, mb4.4/1, Error ellipse: s-maj=28.4km s-min=12.8km az=54.1

BYKL 04 09:09:24.8, 0.3, 5545N, 11034E, h8km, 1.0km, 1C-2D, Lake Baykal region

Code	Station Name	Δ°	AZ	Phase ID	Time	Res	ISC
NIZ	Nizh Angarsk	0.56	306	i/Pg	Pg	09 09 35.3	-0.3
NIZ	NIZ	0.66	48	eP/G	Pg	09 09 36.2	-1.2
KMO	Kumora	0.66	48	eP/G	Pg	09 09 36.2	-1.2
KMO	comp=Z,202nm,0.4s			e	pmax	09 09 44.8	
KMO	comp=N,1.1um,2.4s			e	smax		
KMO	Kumora	0.66	48	i/Pg	Pg	09 09 35.9	-1.5
KMO	KMO			eSg	Pg	09 09 44.9	-1.1
KMO	comp=N,212nm,0.4s			e	smax		
YOA	Uoyan	1.04	48	eP/G	Pg	09 09 43.5	-1.2
YOA	YOA			i	pmax	09 09 58.6	
YOA	comp=Z,204nm,0.3s			e	smax		
YOA	comp=E,1.1um,1.2s			e	smax		
YOA	Uoyan	1.04	48	eP/G	Pg	09 09 43.5	-1.2
YOA	YOA			eSg	Pg	09 09 58.8	+0.6
YOA	comp=E,1.99nm,0.4s			e	smax		
YOA	comp=E,927nm,0.8s			e	smax		
SYVR	Suvo	1.81	186	eP/G	Pg	09 09 56.8	-2.6
SYVR	SYVR			eSg	Pg	09 10 20.8	-2.0
SYVR	SYVR			e	pmax	09 10 23.5	
SYVR	comp=E,54nm,1.0s			e	smax		
SYVR	comp=E,550nm,0.8s			e	smax		
UKT	Uakit	1.87	87	ePn	Pn	09 09 57.2	+0.1
UKT	UKT			e	pmax	09 10 22.3	
UKT	comp=Z,94nm,0.6s			e	smax		
UKT	comp=N,643nm,0.7s			e	smax		
UKT	Uakit	1.87	87	i/Pg	Pg	09 09 57.2	-3.4
UKT	UKT			eSg	Pg	09 10 21.7	-3.2
UKT	UKT			eSg	Pmax		
UKT	comp=N,93nm,0.8s			e	smax		
UKT	comp=N,646nm,0.8s			e	smax		
SVKR	Severomuyk	1.94	68	ePn	Pn	09 09 58.8	+0.8
SVKR	SVKR			e	pmax	09 10 23.9	
SVKR	comp=Z,119nm,0.8s			e	smax		
SVKR	comp=N,1.1um,1.4s			e	smax		
SVKR	Severomuyk	1.94	68	ePn	Pn	09 09 58.2	+0.2
SVKR	SVKR			eP/G	Pn	09 09 59.9	-2.0
SVKR	SVKR			eSg	Pn	09 10 25.5	-1.5
SVKR	comp=N,110nm,0.4s			e	smax		
SVKR	comp=N,1.1um,0.6s			e	smax		
MXMB	Maximikha	2.38	204	eP/G	Pg	09 10 08.0	-2.4
MXMB	MXMB			eSg	Pg	09 10 39.9	-1.3
MXMB	comp=N,35nm,0.4s			e	smax		
BOD	Bodaibo	3.12	39	eP/G	Pg	09 10 21.7	-2.8
BOD	BOD			eSg	Pg	09 11 00.8	-4.1
BOD	BOD			e	pmax		
BOD	comp=N,17nm,0.6s			e	smax		
NLYR	Nelyaty	3.19	69	ePn	Pn	09 10 15.3	+0.1
NLYR	NLYR			e	Pn	09 10 21.5	
NLYR	NLYR			e	Pn	09 11 01.8	
NLYR	comp=Z,30nm,0.7s			e	pmax		
NLYR	comp=E,194nm,1.2s			e	smax		
NLYR	Nelyaty	3.19	69	ePn	Pn	09 10 15.5	+0.3
NLYR	NLYR			eP/G	Pg	09 10 21.9	-4.0
NLYR	NLYR			eSg	Pg	09 11 03.6	-3.5
NLYR	comp=E,30nm,0.6s			e	smax		
NLYR	comp=E,191nm,1.0s			e	smax		

Code	Station Name	Δ°	AZ	Phase ID	Time	Res	ISC
ZRHb	Zarechye	3.46	214	eSg	Sg	09 11 13.7	-2.1
ZRHb	ZRHb			e	Smax		
UUDB	Ulan-Yde	3.93	205	eSg	Sg	09 11 27.4	-3.4
UUDB	UUDB			e	Smax		
FFNB	Fofonovo	4.02	213	eSg	Sg	09 11 28.4	-5.3
FFNB	FFNB			e	Smax		
HRMR	Khuramsha	4.33	209	eP/G	Pg	09 10 42.5	-5.2
HRMR	HRMR			eSg	Pg	09 11 39.0	-4.7
HRMR	HRMR			e	Pmax		
HRMR	comp=E,27nm,0.6s			e	Smax		
HRMR	comp=E,225nm,0.6s			e	Smax		
CRS	Chara	4.66	69	ePn	Pg	09 10 48.5	-5.5
CRS	CRS			e	pmax	09 11 48.6	
CRS	comp=Z,30nm,0.8s			e	pmax		
CRS	comp=N,116nm,1.3s			e	smax		
CRS	Chara	4.66	69	ePn	Pn	09 10 36.5	+1.1
CRS	CRS			eP/G	Pg	09 10 48.8	-5.2
CRS	CRS			eSg	Pg	09 11 48.8	-5.6
CRS	CRS			e	Pmax		
CRS	comp=N,30nm,0.7s			e	Smax		
CRS	comp=N,115nm,1.1s			e	Smax		
IRK	Irkutsk	4.82	231	ePn	Pg	09 10 53.9	-3.1
IRK	IRK			e	pmax	09 11 53.5	
IRK	IRK			e	pmax		
IRK	comp=Z,64nm,0.2s			e	smax		
IRK	comp=N,293nm,0.9s			e	smax		
LSTR	Listvyanka	4.86	225	eSg	Sg	09 11 53.4	-7.3
LSTR	LSTR			e	Smax		
TLY	Talaya	5.49	229	eP/G	Pg	09 11 02.3	-7.6
TLY	TLY			eSn	Sn	09 12 24.3	-6.6
TLY	TLY			eSg	Sn	09 12 12.6	-8.4
TLY	TLY			e	Pmax		
TLY	comp=N,7.0nm,0.8s			e	Smax		
TUP	Tupik	5.64	97	ePn	Pn	09 10 47.3	-1.3
TUP	TUP			e	Pn	09 11 04.0	
TUP	TUP			eS	Sn	09 11 50.8	-2.8
TUP	TUP			e	pmax	09 12 17.6	
TUP	comp=Z,8.0nm,0.6s			e	pmax		
TUP	comp=N,67nm,1.0s			e	smax		
TUP	Tupik	5.64	97	ePn	Pn	09 10 48.9	+0.1
TUP	TUP			eP/G	Pn	09 11 06.1	-6.6
TUP	TUP			eSg	Sn	09 11 51.5	-2.1
TUP	TUP			eSg	Sn	09 12 19.9	-5.7
TUP	TUP			e	Pmax		
TUP	comp=N,7.0nm,0.6s			e	Smax		
TUP	comp=N,67nm,0.9s			e	Smax		
ARS	Arshan	5.88	236	eSn	Sn	09 11 59.3	-0.4
ARS	ARS			eSg	Sg	09 12 27.7	-5.8
ARS	ARS			e	Smax		
ZAK	Zakamensk	6.63	223	eSg	Sg	09 12 50.4	-7.1
ZAK	ZAK			e	Smax		
ORL	Orlik	6.86	249	ePn	Pn	09 11 06.7	+1.2
ORL	ORL			e	Sg	09 12 57.0	-7.8
ORL	ORL			e	Smax		

NLYR	comp=N,123nm,1.1s	Smax						
ZRHB	Zarechye	3.45 214	ePg	Sg	10 38 39.6	-2.5		
ZRHB	comp=N,221nm,1.1s	Smax						
TRG	Tyrgan	3.56 222	ePn	Pn	10 37 47.3	+0.5		
TRG			ePg	Pg	10 37 54.7	-5.0		
TRG			eSg	Sn	10 38 27.7	-1.2		
TRG			eSg	Sg	10 38 41.5	-4.3		
TRG	comp=N,16nm,1.0s	Smax						
TRG	comp=N,59nm,0.3s	Smax						
UUDB	Ulan-Yde	3.92 205	ePg	Pg	10 38 02.1	-4.4		
UUDB			eSg	Sg	10 38 53.6	-3.7		
UUDB	comp=N,20nm,1.2s	Smax						
UUDB	comp=N,88nm,1.5s	Smax						
FFNB	Fofonovo	4.01 213	eSg	Sg	10 38 54.5	-5.5		
FFNB			eSg	Sg				
FFNB	comp=N,172nm,0.8s	Smax						
HRMR	Khuramsha	4.32 209	ePg	Pg	10 38 08.5	-5.7		
HRMR			eSg	Sg	10 39 04.4	-5.7		
HRMR	comp=N,25nm,0.5s	Smax						
HRMR	comp=N,224nm,0.6s	Smax						
CRS	Chara	4.68 69	ePn	Pn	10 38 02.5	+0.4		
CRS			eSg	Sn	10 38 15.5			
CRS			eSg	Sg	10 39 15.5			
CRS	comp=N,28nm,1.0s	Smax						
CRS	comp=N,88nm,1.5s	Smax						
CRS	Chara	4.68 69	ePn	Pn	10 38 02.7	+0.6		
CRS			ePg	Pg	10 38 16.0	-5.0		
CRS			eSg	Sg	10 39 17.2	-4.4		
CRS	comp=N,28nm,1.0s	Smax						
CRS	comp=N,88nm,1.5s	Smax						
LSTR	Listvyanka	4.85 224	eSg	Sg	10 39 19.5	-7.5		
LSTR			eSg	Sg				
TLY	Talaya	5.48 229	ePn	Pg	10 38 29.6	-6.8		
TLY			e		10 39 39.5			
TLY	comp=N,9.0nm,0.8s	Smax						
TLY	comp=N,43nm,1.6s	Smax						
TLY	Talaya	5.48 229	ePn	Pn	10 38 14.6	+1.5		
TLY			ePg	Pg	10 38 29.0	-7.4		
TLY			eSg	Sn	10 39 16.9	+0.8		
TLY			eSg	Sg	10 39 39.7	-7.6		
TLY	comp=N,10.0nm,0.8s	Smax						
TUP	Tupik	5.65 96	ePn	Pn	10 38 15.5	0.0		
TUP			eS	Sn	10 38 32.5			
TUP			eS	Sg	10 39 18.1	-2.3		
TUP	comp=N,40nm,1.3s	Smax						
TUP	comp=N,3.0nm,0.6s	Smax						
TUP	comp=N,59nm,1.1s	Smax						
TUP	Tupik	5.65 96	ePn	Pn	10 38 15.2	-0.3		
TUP			eSg	Sn	10 39 17.8	-2.6		
TUP			eSg	Sg	10 39 46.4	-6.5		
TUP	comp=N,59nm,1.4s	Smax						
ARS	Arshan	5.87 236	ePn	Pn	10 38 20.1	+1.7		
ARS			ePg	Pg	10 38 38.3	-5.5		
ARS			eSg	Sn	10 39 26.3	+0.6		
ARS			eSg	Sg	10 39 54.7	-5.0		
ARS	comp=N,13nm,0.5s	Smax						
ARS	comp=N,157nm,0.7s	Smax						
ZAK	Zakamensk	6.62 223	eSg	Sg	10 40 16.9	-6.9		
ZAK			eSg	Sg				
MOY	Mondy	6.72 240	ePn	Pn	10 38 32.3	+2.2		
MOY			eSg	Sn	10 38 52.4			
MOY			eSg	Sn	10 39 46.5	-0.1		
MOY			eSg	Sg	10 40 21.5	-5.5		
MOY	comp=N,59nm,1.6s	Smax						
ORL	Orlik	6.84 249	ePn	Pn	10 38 33.7	+1.9		
ORL			eSg	Sn	10 38 56.1			
ORL			eSg	Sg	10 40 24.4			
ORL	comp=N,6.0nm,0.7s	Smax						
ORL	comp=N,91nm,1.4s	Smax						
ORL	Orlik	6.84 249	ePn	Pn	10 38 32.4	+0.6		
ORL			eSg	Sn	10 39 49.9	+0.3		
ORL			eSg	Sg	10 40 21.5	-9.4		
ORL	comp=N,92nm,1.2s	Smax						
IENR	Iengra	8.23 79	eSg	Sx	10 41 08.0			
TDJR	Todzha	8.92 256	eSg	Sx	10 41 27.3			

ISC 04 11:12:57.9-5.7, 706S:15597E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.5/15, mbtpp3.3/3, MS3.4/1, Ms1 3.3/1, ms1mx2.6/25, Error ellipse: s-maj=164.0km s-min=44.0km az=111.0, Bougainville - Solomon Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
WRA	Warrungua Arr	25.86 236	Op	h m s	ISC
ASAR	Alice Springs	26.58 216	P	11 18 20.2	+0.4
STKA	Stephens Creek	28.10 207	LR	11 29 44.1	
MKAR	Makanchi Array	84.09 318	P	11 25 30.4	-0.2

ISC 04 11:16:51.3-0.9, 1338N:14393E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.7/1, mbtpp3.9/5, Error ellipse: s-maj=21.9km s-min=17.3km az=172.0, South of Mariana Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
GUMO	Guam	0.94 77	Op	h m s	ISC
GUMO	Korea Array	27.91 332	P	11 22 43.0	0.0
WRA	Warrungua Arr	34.43 196	P	11 23 40.9	+0.2
ASAR	Alice Springs	38.10 195	P	11 24 12.0	0.0
MKAR	Makanchi Array	61.01 316	P	11 27 08.0	+1.3
BVAR	Borovyoye Array	69.52 322	P	11 28 00.6	-1.2

ISC/JB 04 11:17:19.0-0.3, 5534N:002:11043E:004, h10km, mb3.8/6, Error ellipse: s-maj=3.8km s-min=2.3km az=141.9

MOS 04 11:17:19.1:1.2, 5543N:11035E, h6km, mb4.6/4, Error ellipse: s-maj=11.2km s-min=6.5km az=67.0

ISC 04 11:17:20.2:2.4, 5547N:11042E, h0km, mb3.7/5, mb1 3.8/8, mb1mx3.6/26, mbtpp3.7/8, ML3.5/3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/32, Error ellipse: s-maj=43.8km s-min=21.0km az=95.0

BYKL 04 11:17:21.0-0.3, 5543N:11031E, h8km, mb12km

NEIC 04 11:17:21.6:1.3, 5549N:11043E, h10km, mb3.8/1, Error ellipse: s-maj=20.3km s-min=13.6km az=86.0

ISC 04 11:17:20.9-0.2, 5538N:002:11045E:003, h10km, n72, r=140/128, mb3.8/6, 8C-9D, Lake Baykal region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	
IRK	Irkutsk	4.82 232	ePn	Pn	11 18 33.5	0.0
IRK			eS	Sn	11 18 48.3	
IRK			eSg	Sg	11 19 28.2	-1.2
IRK			eSg	Sg	11 19 48.7	
IRK	comp=N,437nm,1.1s	Smax				
IRK	comp=N,88nm,0.1s	Smax				
IRK	comp=N,808nm,1.0s	Smax				
IRK	Irkutsk	4.82 232	eSg	Sg	11 19 49.5	-6.2

NIZ	Nizh Angarsk	0.65 308	ePg	Pg	11 17 31.7	-1.7		
NIZ			e		11 17 40.0			
NIZ	comp=N,291nm,1.0s	Smax						
NIZ	comp=N,835nm,0.9s	Smax						
NIZ	Nizh Angarsk	0.65 308	l/Pg	Pg	11 17 31.7	-1.7		
NIZ			eSg	Sg	11 17 40.1	-1.8		
VOA	Uoyan	1.04 43	ePg	Pg	11 17 39.6	-1.3		
VOA			e		11 17 54.6			
VOA	comp=N,408nm,0.3s	Smax						
VOA	comp=N,3um,0.7s	Smax						
VOA	Uoyan	1.04 43	ePg	Pg	11 17 40.2	-0.7		
VOA			ePn	Pn	11 17 45.4			
VOA	comp=N,382nm,0.3s	Smax						
VOA	comp=N,3um,1.0s	Smax						
SYVR	Suvu	1.75 189	ePn	Pg	11 17 54.7	+0.2		
SYVR			e		11 18 07.5			
SYVR	comp=N,3um,1.0s	Smax						
SYVR	comp=N,522nm,1.1s	Smax						
SYVR	comp=N,2um,1.6s	Smax						
SYVR	Suvu	1.75 189	ePn	Pn	11 17 52.3	+1.1		
SYVR			l/Pg	Pg	11 17 53.2	-1.2		
SYVR	comp=N,517nm,1.0s	Smax						
SYVR	comp=N,2um,1.5s	Smax						
SVKR	Severomuyusk	1.91 66	ePn	Pn	11 17 55.0	+1.6		
SVKR			e		11 18 21.1			
SVKR	comp=N,3um,0.8s	Smax						
SVKR	comp=N,490nm,1.1s	Smax						
SVKR	Severomuyusk	1.91 66	ePn	Pg	11 17 54.6	+1.2		
SVKR			ePg	Pg	11 17 56.2	-1.3		
SVKR			eSg	Sg	11 17 56.7			
SVKR	comp=N,495nm,0.4s	Smax						
SVKR	comp=N,3um,0.7s	Smax						
MXMB	Maximikha	2.35 206	ePn	Pg	11 18 01.3	+1.9		
MXMB			ePg	Pg	11 18 03.2	-2.6		
MXMB	comp=N,380nm,1.0s	Smax						
MXMB	comp=N,2um,0.8s	Smax						
OGRR	Ongureny	2.41 225	ePn	Pn	11 18 02.0	+1.7		
OGRR			e		11 18 05.3			
OGRR	comp=N,114nm,0.5s	Smax						
OGRR	Ongureny	2.41 225	l/Pn	Pn	11 18 01.6	+1.3		
OGRR			ePg	Pg	11 18 04.3	-2.7		
OGRR	comp=N,112nm,0.5s	Smax						
OGRR			eSg	Sg	11 18 31.9	+2.1		
OGRR			eSg	Sg	11 18 35.4	-2.8		
OGRR			eSg	Sg	11 18 40.6			
BOD	Bodaibo	3.14 37	ePn	Pb	11 18 15.7	-1.0		
BOD			ePg	Pg	11 18 11.2	+0.9		
BOD			ePg	Pg	11 18 16.3	-4.6		
BOD	comp=N,42nm,0.8s	Smax						
BOD			eSg	Sn	11 18 45.4	-2.3		
BOD			eSg	Sg	11 18 56.7	-4.8		
BOD	comp=N,354nm,1.3s	Smax						
NLYR	Nelyaty	3.16 67	ePn	Pn	11 18 11.8	+1.2		
NLYR			e		11 18 17.8			
NLYR			e		11 18 58.7			
NLYR	comp=N,106nm,0.8s	Smax						
NLYR	comp=N,643nm,1.1s	Smax						
NLYR	Nelyaty	3.16 67	ePn	Pg	1			

AKASG comp=Z,1.0nm,0.5s pmax pmax
NOA NORSAR Array B 47.72 320 P P 11 25 57.7 +0.5
NOA NORSAR Array B 47.72 320 P P 11 25 57.7 +0.5

CASC 04 11:42:02.0±1.2, 1061N-8501W, h9km, 2km, MD4.0, 6C-3D, Costa Rica

Code Station Name A° AZ° Phase ID Time Res
CUI 0.18 287 P P 11 42 06.3 +0.5
CUI 0.26 289 P P 11 42 09.3 +1.1
2RIO Dos Rios de Up 0.24 249 P P 11 42 11.9 +5.0

KRSC 04 11:42:18.8±0.8, 5026N-15781E, h10km, 10km, ML3.7, Kuril Islands

Code Station Name A° AZ° Phase ID Time Res
MIPR Malaya Ipe'ka 2.12 342 eP Pn 11 42 54.9 +0.6
MIPR 11 43 20.8 +0.1
RUS Russkaya 2.22 11 eP Pn 11 42 56.5 +0.9

NIED 04 12:09:00, 3760N:13480E, h400km, Mw3.9 Best double couple: M=8.46000x10^14 NP1:333.000000, 378.000000, 7.70.000000, NP2:393.000000, 324.000000, 7.1-148.000000

JMA 04 12:09:36.3±0.2, 3759N:13479E, h414km, mb3.8, M3.8 ISCJB 04 12:09:37.0±0.3, 3762N:0.05, 13477E:0.05, h404km, mb3.8/20, Error ellipse: s-maj=8.1km s-min=5.4km az=143.4

IDC 04 12:09:37.4±0.6, 3762N:13468E, h399km, mb3.2/14, mb1 3.4/19, mb1mx3.3/29, mbtmp3.3/19, Error ellipse: s-maj=10.8km s-min=9.7km az=34.0

NEIC 04 12:09:38.5±0.7, 3764N:13455E, h399km, mb4.1/1, Error ellipse: s-maj=15.1km s-min=12.8km az=115.0 ISC 04 12:09:37.8±0.3, 3764N:0.05, 13475E:0.05, h393km, n51, 379/65, mb3.8/20, Sea of Japan

Code Station Name A° AZ° Phase ID Time Res
JHG Hegurajima 1.73 83 P Pn 12 10 32.1 +0.7
JKG Kaga 1.86 137 P Pn 12 10 32.5 +0.2
JSZ Suzu 2.08 95 P Pn 12 10 34.5 +0.9

FITZ Fitzroy Crossi 56.10 190 P P 12 18 37.5 -0.4
WRA Warramunga Arr 57.28 180 P P 12 18 45.3 -0.7
ASAR Alice Springs 60.99 181 P P 12 19 10.7 -0.4

CSEM 04 12:10:01.2±0.5, 3872N:2899W, h0km, 7km, ML3.1, Error ellipse: s-maj=10.4km s-min=2.0km az=75.0, After PDA

Code Station Name A° AZ° Phase ID Time Res
CALA Cedros 0.24 113 eP Pn 12 10 06.1 +0.2
CALA Caldeira 0.27 122 eP Pn 12 10 06.2 -0.1
CALA 12 10 10.2 +0.5

MOS 04 12:16:57.8±0.8, 5545N:11038E, h10km, mb4.4/1, Error ellipse: s-maj=22.3km s-min=8.7km az=54.5

Code Station Name A° AZ° Phase ID Time Res
BYKL 04 12:16:58.5±0.3, 5543N:11033E, h8km, 16km, 9C-3D, Lake Baykal region
NIZ Nizh Angarsk 0.57 308 P Pn 12 17 09.4 0.0

KMO Kumora 0.67 47 eP Pn 12 17 10.1 -1.4
KMO comp=N,240nm,0.4s smax
KMO comp=N,2um,2.4s P Pn 12 17 10.1 -1.4

SYVR Suvo 1.79 186 eP Pn 12 17 30.5 +0.9
SYVR comp=N,68nm,0.3s smax
SYVR comp=N,741nm,0.8s smax
SYVR Suvo 1.79 186 eP Pn 12 17 30.3 -2.4

SVKR Severomuysk 1.95 68 eP Pn 12 17 32.7 +0.9
SVKR comp=N,190nm,0.3s smax
SVKR comp=N,1um,0.6s P Pn 12 17 41.3 -2.4
MXMB Maximikha 2.36 204 eP Pn 12 18 13.4 -0.9

OGRR Ongureny 2.40 223 eP Pn 12 17 40.1 +2.1
OGRR comp=N,44nm,0.6s pmax pmax
OGRR comp=N,183nm,0.9s smax
OGRR Ongureny 2.40 223 eP Pn 12 17 38.9 +0.9

ZRHB Zarechye 3.44 214 eP Pn 12 17 59.8 -4.5
ZRHB comp=N,198nm,1.3s pmax pmax
ZRHB comp=E,58nm,0.6s smax

comp=E,290nm,1.1s 3.56 223 eP Pn 12 17 54.1 +0.2
TRG Tyrgan 3.56 223 eP Pn 12 18 48.4 -4.2
comp=E,9.0nm,0.4s
comp=N,128nm,1.4s 3.91 205 eP Pn 12 18 09.5 -3.8

CRS Chara 4.68 68 eP Pn 12 18 10.6 +1.3
CRS 12 18 22.2 -5.8
CRS 12 19 23.0
comp=N,131nm,1.2s 4.68 68 eP Pn 12 18 09.4 +0.1

TLY Talaya 5.47 229 eP Pn 12 18 21.7 +1.4
TLY 12 18 37.5 -1.9
TLY 12 19 46.5 -7.7
comp=N,131nm,1.2s 4.84 225 eS Pn 12 19 26.5 -7.3

KHNR Khani 5.59 71 eS Pn 12 19 51.4 -6.5
TUP Tupik 5.64 96 eP Pn 12 18 22.6 +0.1
TUP 12 18 39.1 -0.7
TUP 12 19 26.7 -0.7

ARS Arshan 5.87 236 eP Pn 12 18 26.4 +0.8
ARS 12 19 01.5 -5.2
comp=E,234nm,0.7s 5.87 236 eP Pn 12 18 26.2 +0.6

ZAK Zakamensk 6.61 223 eP Pn 12 18 55.8 -1.9
ZAK 12 19 54.7 -4.7
comp=N,93nm,1.0s 5.87 236 eP Pn 12 18 26.1 +0.8

MOY Mondy 6.72 240 eP Pn 12 18 39.6 +2.3
MOY 12 18 39.2 +1.9
MOY 12 19 55.9
MOY 12 20 26.3 -7.7

ORL Oriik 6.85 249 eP Pn 12 18 40.9 +1.8
ORL 12 18 02.9
ORL 12 20 31.5
comp=N,95nm,1.5s 6.85 249 P Pn 12 18 41.2 +2.1

ATH 04 12:18:52.9, 3924N:2024E, h24km, 2km, MD3.4/4 THE 04 12:18:52.9, 3931N:2014E, h0km, ML2.8 ISCJB 04 12:18:53.1±0.7, 3931N:0.03, 2025E:0.07, h15km, 5km, Error ellipse: s-maj=9.4km s-min=4.8km az=174.1

CSEM 04 12:18:53.3±0.2, 3928N:2022E, h2km, ML2.8, Error ellipse: s-maj=5.4km s-min=2.7km az=84.0 NEIC 04 12:18:53.2, 3924N:2029E, h24km, MD3.4(ATH), After ATH

ISC 04 12:18:53.6±0.7, 3932N:0.03, 2024E:0.08, h15km, 5km, n14, 3102/20, 3C-2D, Greece-Albania border region

Code Station Name A° AZ° Phase ID Time Res
IGT Igoutenspa 0.23 18 eP Pn 12 18 58.3 -0.3
IGT 12 19 25.5 +0.4

KEK Kerkira 0.52 319 P Pn 12 19 04.4 +0.1
KEK 12 19 14.4 +3.1
KEK 12 19 04.0 -3.8

KEK Kerkira 0.52 319 P Pn 12 19 14.4 +3.1
KEK 12 19 14.8 +3.7
KEK 12 19 04.6 -0.6

ISCJB 04 12:19:11.8±0.5, 6394N:002:1049E:008, h0km, Error ellipse: s-maj=5.0km s-min=3.1km az=16.9 HEL 04 12:19:13.5±0.1, 6407N:993E, h0km, ML2.2, MD2.1(BER), ML2.0(BER), Explosion NAO 04 12:19:14.4±1.7, 6407N:1027E, ML2.2

IDC 04 12:19:14.1±1.6, 6406N, 1020E, h0km, mb1 3.0/4, mb1mx2.9/25, mbtmp2.9/4, ML2 7/4, Error ellipse: s-maj=18.3km s-min=7.6km az=102.0

BER 04 12:19:15.7±3.3, 6400N, 995E, h0km, 13km, MD2.1, ML2.0, ML2.2(NAO)

ISC 04 12:19:13.5±0.5, 6398N, 1002.1035E, h0km, n30, a139/65, 1C, Southern Norway

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Namsos, Moide, Dombas, Stokkvagen, Flostrand, Komsvik, Moirana, Norsar Subarra, Hagfors, Ylistaro, Rauma, Keuruu, Hetta, Sumainen, Kangasniemi, Sodankyl, ArcCESS Array S, ArcCESS Array B, Riekk, Kevo.

s-maj=55.5km s-min=24.5km az=52.0, ISCJB 04 12:27:43.6±1.3, 1331N, 01.910W, 0.1, h33km, mb3 7/2, Error ellipse: s-maj=23.5km s-min=9.8km az=30.4

NEIC 04 12:27:45.5±2.3, 1324N, 9095W, h36km, 21km, Error ellipse: s-maj=32.3km s-min=12.5km az=209.0

ISC 04 12:27:45.5±1.3, 1331N, 01.910W, 0.1, h35km, n11, a09/10, mb3.7/2, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Tegucigalpa, Matias Romero, Tepich, Lajitas Array, Mina Array Bea, San Ignacio, Warramunga Arr, Chiang Mai Arr, Kumura, Uoyan, Suvo, Severomuyk, MXMB, OGRR, Bodaibo, Nelyaty, Zarechye, Tyrgan, Ulan-Yde, Fofonovo, Khamrasma.

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Charsa, Listvyanka, Talaya, Tupik, Arshan, Zakamensk, Mondy, lengra, Todzha.

ISCJB 04 12:43:11.7±0.6, 4113N, 004.4, 14029E, 009, h173km, 4km, mb3 6/3, Error ellipse: s-maj=11.0km s-min=5.8km

JMA 04 12:43:13.3±0.1, 4115N, 14028E, h166km, 1km, M3.1, NEIC 04 12:43:13.3, 4115N, 14028E, h166km, MG3.1(JMA), After JMA

IDC 04 12:43:15.6±1.2, 4140N, 14088E, h220km, 19km, mb3 2/3, mb1 3.0/5, mb1mx2.9/21, mbtmp3.0/5, Error ellipse: s-maj=34.2km s-min=17.1km az=88.0

ISC 04 12:43:12.7±0.6, 4113N, 004.4, 14029E, 009, h169km, 4km, n19, a053/32, mb3.6/3, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Shiura 2, Shiruchi, Iwasaki, Oshata, Tenmabayashi, Kayabe, Yakumo 2, Okushiri-Mats, Nango, Ohasama, Urakawa-nobuka, Kaneyama, Shakotan, Ichinoseki, Asahikawa, Matsushiro Arr, Zalesovo Beam, Malin Array B, Malin Array A, Murtele Rosu.

IDC 04 12:49:33.8±3.5, 7156N, 078W, h0km, mb3.7/2, mb1 3.7/7, mb1mx3.4/27, mbtmp3.6/7, ML3.0/5, MS2.9/6, Ms1 2.9/6, ms1mx2.6/39, Error ellipse: s-maj=54.6km s-min=25.4km az=96.0, Jan Mayen Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Spitsbergen Arr, ARCES ARCESS Array B, NOA, ASAR, ASAR, GSPA, PETK, KSRS, NVAR, GEMER, DAVOX, Spitsbergen Arr, ARCES ARCESS Array B, NOA, ZALV, WKR, Spitsbergen Arr, ARCES ARCESS Array B, NOA, Geres, AKASA, MLR.

MOS 04 13:20:53.9±1.1, 5542N, 11035E, h12km, mb4.4/1, Error ellipse: s-maj=29.6km s-min=11.0km az=55.0

BYKL 04 13:20:53.7±0.3, 5541N, 11033E, h10km, 15km, 5C-2D,

4d 13h

Lake Baykal region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC
		Δ°	AZ $^{\circ}$	Op	h m s	ISC
NIZ	Nizh Angarsk	0.58	310	fP	13 21 04.7	-0.2
KMO	Kumora	0.69	46	ePG	13 21 13.3	+0.8
KMO	Kumora	0.69	46	ePG	13 21 05.5	-1.5
KMO	Kumora	0.69	46	ePG	13 21 14.6	-0.3
KMO	Kumora	0.69	46	fP	13 21 05.5	-1.5
KMO	Kumora	0.69	46	ePG	13 21 15.6	-0.3
YOA	Uoyan	1.07	47	ePG	13 21 13.2	-1.0
YOA	Uoyan	1.07	47	ePG	13 21 28.5	-0.7
YOA	Uoyan	1.07	47	ePG	13 21 12.7	-1.5
YOA	Uoyan	1.07	47	ePG	13 21 27.4	-0.7
SYVR	Suvo	1.77	186	ePN	13 21 24.8	+0.5
SYVR	Suvo	1.77	186	ePN	13 21 49.3	+0.5
SYVR	Suvo	1.77	186	fP	13 21 24.8	+0.5
SYVR	Suvo	1.77	186	ePG	13 21 25.6	-1.9
SYVR	Suvo	1.77	186	ePG	13 21 49.2	-1.2
SYVR	Suvo	1.77	186	ePG	13 21 51.9	-1.2
SVKR	Severomuyusk	1.96	67	ePG	13 21 28.8	-2.4
SVKR	Severomuyusk	1.96	67	ePG	13 21 56.0	-0.5
MXMB	Maximikha	2.34	204	ePG	13 21 35.9	-2.7
MXMB	Maximikha	2.34	204	ePG	13 22 08.1	-0.8
OGRR	Ongureny	2.38	223	ePN	13 21 34.4	+1.7
OGRR	Ongureny	2.38	223	ePN	13 21 37.1	+1.7
OGRR	Ongureny	2.38	223	ePN	13 22 05.9	+1.7
OGRR	Ongureny	2.38	223	ePN	13 21 34.0	+1.3
OGRR	Ongureny	2.38	223	ePN	13 21 36.4	-2.9
OGRR	Ongureny	2.38	223	ePN	13 22 03.8	+1.9
OGRR	Ongureny	2.38	223	ePN	13 22 08.1	-2.1
BOD	Bodaibo	3.15	39	ePN	13 21 43.9	+0.6
BOD	Bodaibo	3.15	39	ePG	13 21 49.6	-4.5
BOD	Bodaibo	3.15	39	ePN	13 22 22.4	+1.4
BOD	Bodaibo	3.15	39	ePG	13 22 32.5	-2.4
NLYR	Nelyaty	3.21	68	ePN	13 21 44.8	+0.7
NLYR	Nelyaty	3.21	68	ePN	13 22 32.0	+0.7
NLYR	Nelyaty	3.21	68	ePN	13 21 44.9	+0.8
NLYR	Nelyaty	3.21	68	ePN	13 21 51.0	-4.1
NLYR	Nelyaty	3.21	68	ePN	13 22 22.3	0.0
NLYR	Nelyaty	3.21	68	ePN	13 22 33.0	-3.7
ZRH	Zarechye	3.42	214	ePG	13 22 40.0	-3.5
TRG	Tyrgan	3.54	223	ePN	13 21 49.7	+1.0
TRG	Tyrgan	3.54	223	ePN	13 21 56.6	-4.9
TRG	Tyrgan	3.54	223	ePN	13 22 34.3	-4.7
TRG	Tyrgan	3.54	223	ePN	13 22 42.7	-4.7
UUDB	Ulan-Yde	3.89	205	ePN	13 21 53.1	-0.3
UUDB	Ulan-Yde	3.89	205	ePN	13 22 03.0	-5.1
UUDB	Ulan-Yde	3.89	205	ePN	13 22 54.8	-3.7
FFNB	Fotonovo	3.98	214	ePG	13 22 57.9	-3.5
HRMR	Khuramsha	4.29	209	ePN	13 21 59.8	+0.8
HRMR	Khuramsha	4.29	209	ePN	13 22 10.2	-5.6
HRMR	Khuramsha	4.29	209	ePN	13 23 06.3	-5.1
CRS	Chara	4.68	68	ePN	13 22 19.3	+1.5
CRS	Chara	4.68	68	ePN	13 22 17.0	-7.2
CRS	Chara	4.68	68	ePN	13 23 03.4	+0.5
CRS	Chara	4.68	68	ePN	13 23 18.1	-5.8
IRK	Irkutsk	4.79	231	ePN	13 22 21.4	-4.0
IRK	Irkutsk	4.79	231	ePN	13 23 00.2	-1.1
IRK	Irkutsk	4.79	231	ePN	13 23 20.4	-1.1
LSTR	Listvyanka	4.83	225	ePN	13 22 06.0	-0.3
LSTR	Listvyanka	4.83	225	ePN	13 23 02.7	+0.5
LSTR	Listvyanka	4.83	225	ePN	13 23 21.3	-7.2
TLY	Talaya	5.46	230	ePN	13 22 16.2	+1.2
TLY	Talaya	5.46	230	ePN	13 22 31.6	+1.2
TLY	Talaya	5.46	230	ePN	13 23 16.1	-1.8
TLY	Talaya	5.46	230	ePN	13 23 39.8	-1.8
TLY	Talaya	5.46	230	ePN	13 22 14.4	-0.6
TLY	Talaya	5.46	230	ePN	13 22 31.9	-1.0
TLY	Talaya	5.46	230	ePN	13 23 41.8	-7.1

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Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC
		Δ°	AZ $^{\circ}$	Op	h m s	ISC
KHNR	Khani Tupik	5.60	70	ePG	13 23 47.8	-5.5
TUP	Tupik	5.64	96	ePN	13 22 17.7	+0.3
TUP	Tupik	5.64	96	ePN	13 23 20.2	-2.0
TUP	Tupik	5.64	96	ePN	13 23 49.0	-5.5
ARS	Arshan	5.86	237	ePN	13 22 22.6	+2.2
ARS	Arshan	5.86	237	ePN	13 23 26.7	-0.9
ARS	Arshan	5.86	237	ePN	13 23 55.6	-5.9
ZAK	Zakamensk	6.60	223	ePG	13 24 20.0	-5.3
MOY	Mondy	6.71	240	ePN	13 22 34.7	+2.6
MOY	Mondy	6.71	240	ePN	13 22 52.3	+2.6
MOY	Mondy	6.71	240	ePN	13 24 21.4	+2.6
MOY	Mondy	6.71	240	ePN	13 22 34.2	+2.1
MOY	Mondy	6.71	240	ePN	13 23 47.2	-1.3
MOY	Mondy	6.71	240	ePN	13 24 20.2	-8.7
ORL	Orlik	6.84	249	ePN	13 22 36.0	+2.1
ORL	Orlik	6.84	249	ePN	13 24 26.4	-6.6
ORL	Orlik	6.84	249	ePN	13 22 35.2	+1.3
ORL	Orlik	6.84	249	ePN	13 22 35.2	+1.3
ORL	Orlik	6.84	249	ePN	13 22 35.2	+1.3
ORL	Orlik	6.84	249	ePN	13 23 53.4	+1.3
ORL	Orlik	6.84	249	ePN	13 24 26.1	-6.9
NRGR	Nerungri	8.16	75	ePN	13 22 45.1	-6.9
NRGR	Nerungri	8.16	75	ePN	13 24 14.5	-10.0
IENR	Iengra	8.24	78	ePN	13 25 08.3	+1.1
TDJR	Todzha	8.91	256	ePN	13 23 08.6	+6.1
TDJR	Todzha	8.91	256	ePN	13 24 52.6	+6.1
TDJR	Todzha	8.91	256	ePN	13 25 29.7	+4.7

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC
		Δ°	AZ $^{\circ}$	Op	h m s	ISC
ZRH	Zarechye	3.42	214	ePG	13 29 14.3	-4.2
ZRH	Zarechye	3.42	214	ePG	13 29 46.2	-0.8
ZRH	Zarechye	3.42	214	ePG	13 29 59.4	-3.3
TRG	Tyrgan	3.54	223	ePN	13 29 09.6	+1.5
TRG	Tyrgan	3.54	223	ePN	13 29 17.1	+1.5
TRG	Tyrgan	3.54	223	ePN	13 30 03.2	+1.5
TRG	Tyrgan	3.54	223	ePN	13 29 09.2	+1.1
TRG	Tyrgan	3.54	223	ePN	13 29 16.7	-4.1
TRG	Tyrgan	3.54	223	ePN	13 29 51.0	+1.1
TRG	Tyrgan	3.54	223	ePN	13 30 02.4	-4.1
UUDB	Ulan-Yde	3.88	205	ePG	13 29 23.1	-4.3
UUDB	Ulan-Yde	3.88	205	ePG	13 30 14.0	-3.7
UUDB	Ulan-Yde	3.88	205	ePG	13 29 23.1	-4.3
FFNB	Fotonovo	3.97	214	ePN	13 29 14.7	+0.6
FFNB	Fotonovo	3.97	214	ePN	13 29 24.0	-5.1
FFNB	Fotonovo	3.97	214	ePN	13 30 14.1	-6.5
KAB	Kabansk	4.01	214	ePN	13 29 26.4	-3.4
HRMR	Khuramsha	4.29	209	ePN	13 29 19.1	+0.7
HRMR	Khuramsha	4.29	209	ePN	13 29 29.6	-5.5
HRMR	Khuramsha	4.29	209	ePN	13 30 27.1	-3.5
HRMR	Khuramsha	4.29	209	ePN	13 29 26.4	-3.4
HRMR	Khuramsha	4.29	209	ePN	13 29 19.1	+0.7
HRMR	Khuramsha	4.29	209	ePN	13 29 29.6	-5.5
HRMR	Khuramsha	4.29	209	ePN	13 30 27.1	-3.5
CRS	Chara	4.69	68	ePN	13 29 25.1	+1.1
CRS	Chara	4.69	68	ePN	13 29 38.0	-4.9
CRS	Chara	4.69	68	ePN	13 30 38.9	-4.8
CRS	Chara	4.69	68	ePN	13 29 25.1	+1.1
IRK	Irkutsk	4.78	231	ePN	13 29 26.2	+1.0
IRK	Irkutsk	4.78	231	ePN	13 29 39.0	+1.1
IRK	Irkutsk	4.78	231	ePN	13 30 21.0	+0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like QSPA, CPUP, Villa Florida, BOSA, VVND, etc.

ISC/JB 04 13:53:55.9-0.5, 6394N:002x1049E:009, h0km, Error ellipse: s-maj=6.0km s-min=3.2km az=15.6 HEL 04 13:53:57.6-0.1, 6403N:1000E, h0km, ML2.0, ML1.8(BER), ML2.1(NAO), Explosion...

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

KU6 eS Sn 13 57 36.4 -1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MOS 04, ORL, ARS, etc.

Jaya eS Sn 13 57 36.4 -1.9

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

JMA 04 14:31:12.2-0.3, 4404N:14814E, h0km, M3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NEM2, JRA, JNK, etc.

IDC 04 14:45:47.0-1.7, 419S:13073E, h0km, mb4.0/3, mb1.4/2.5, mb1mx3.8/15, mbtmp4.0/5, ML4.1/2, MS3.0/1, Mst 3.0/1, ms1mx2.6/29, Error ellipse: s-maj=83.5km s-min=27.6km az=75.0

ISC/JB 04 14:45:48.9-4.2, 435S:009:1310E.02, h26km, 32km, mb3.9/3, Error ellipse: s-maj=30.4km s-min=14.3km az=179.5

NEIC 04 14:45:50.8-1.1, 422S:13078E, h25km, mb3.3/1, Error ellipse: s-maj=36.4km s-min=15.0km az=78.0

ISC 04 14:45:49.8-0.4, 430S:008:1310E.02, h19km, 27km, n11, r18/15, mb3.9/3, Banda Sea

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

MAN 04 14:46:46, 637N:12583E, h178km, mb4.5, ML3.3, MS3.2, 1C-1D, Mindanao

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

IDC 04 14:57:42.0-0.9, 1919N:11990E, h0km, mb3.9/7, mb1.3/9.8, mb1mx3.8/21, mbtmp3.8/8, ML3.1/1, Error ellipse: s-maj=58.4km s-min=15.5km az=71.0

ISC/JB 04 14:57:46.2-1.2, 1919N:007:11982E.007, h43km, 13km, mb3.7/7, Error ellipse: s-maj=13.7km s-min=10.5km az=156.4

MAN 04 14:57:46, 1907N:11993E, h10km, mb4.8, ML3.7, MS3.7

4d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABRA Dolores, APYP Conner, SGPSC Mt. Cagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, MAASIN Maasin, etc.

MAN 04 15:04:14, 1096N-12479E, h1km, mb3.9, ML2.7, MS2.4, 1D, Leyte
Code Station Name Az Az' Phase ID Time Res
OCLP Ormoc 0.20 296 eP Op ISC h m s ISC

ISCJB 04 15:33:44.2, 2.1, 2721S-008.17657W, 0.08, h57km, 18km, mb4.9/42, MS4.2/12, Error ellipse: s-maj=12.8km s-min=11.2km az=167.9
DJA 04 15:34:29, 2858S-1782W, h378km, mb4.6/13
ISC 04 15:33:45.8, 1.9, 2715S-008.17653W, 0.08, h56km, 17km, n127, s119, mb4.9/42, MS4.2/12, 7C-8D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, VDA Vanda, FITZ Fitzroy Crossi, GUMO Guam, CASY Casey, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, etc.

ISC 04 15:37:49.7, 3.5, 3425S-17841W, h0km, mb4.0/2, mb1.4/3, mb1mx3.9/16, mbtmp4.1/3, ML3.9/1, Error ellipse: s-maj=80.4km s-min=37.5km az=122.0, South of Kermadec Islands

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

CASC 04 16:01:00.9, 2.2, 949N-8382W, h6km, 11km, MD4.0, 5C-5D, Costa Rica
Code Station Name Az Az' Phase ID Time Res
BVB Buena Vista 0.08 42 iP Op ISC h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNS Namsos, MOL Molde, DOMB Dombas, etc.

4d 17h

Table with columns: TPV, TUC, MDJ, HABR, CCUT, WUZH, DL2, CN2, MSU, TXAR, SRU, ANMO, GYA, BJI, IMW, QLMT, CHMT, XAN, BOZ, KMI, CMAR, COLA, HHC, CD2. Each row contains station name, coordinates, and various parameters.

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Table with columns: CD2, LZH, LPAZ, YAK, WMQ, BRVK, ARU, FINES, OBN, GNI, BHD, KIV, MSB, NB2, NOA, NOA, NA001, MNK, MALT, AKASG, AKASG, AKAB, LNV, OJC, UZH, KSP, CLL, CLL, DPC, BRG, BRG, PRU, KHC, TOR, TOR, TOR, DZM, CTA, ASAR, WRA, QSPA, KRSR, NOA, AKASA, ISCJUB, BUI, IDC, MOS, KRSC, NEIC, GGMT. Each row contains station name, coordinates, and various parameters.

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Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Each row contains station name, coordinates, and various parameters.

HHC	comp=N,233nm,20.2s,MS4.5	LR	LR		
HHC	comp=E,216nm,19.0s,MS4.5	LR	LR		
ARU	comp=Z,107nm,23.8s,MS4.0	eP	P	17 59 45.4	-0.5
ARU	comp=Z,10nm,0.9s,mb4.9	eP	P	17 59 45.5	-0.4
ARU	Arti	e	S	18 02 06.3	+2.2
ARU	Arti	eSS	SS	18 12 26.4	-1.9
ARU	comp=Z,7.0nm,1.0s,mb4.7	eP	Pmax		
KURK	Kurchatov	65.98 333	eP	P	17 59 58.4 -1.0
KURK	Kurchatov	65.98 333	eP	P	17 59 58.7 -0.7
OBN	Obninsk	66.34	1 d1P	P	18 00 01.6 0.0
OBN	comp=Z,11nm,1.0s,mb5.1	eP	Pmax		
MEM	Membach	67.68 22	P	P	18 00 10.2 0.0
MEM	comp=Z,10nm,1.9s,mb4.5				
BCLA	Clavier	67.72 22	P	P	18 00 10.8 +0.3
BCLA	comp=Z,23nm,2.5s,mb4.8				
COLL	Collim	68.21	17 iP	P	18 00 13.5 0.0
COLL	comp=Z,8.0nm,1.1s,mb4.7				
CLL	Collim	68.21	17 iP	pP	18 00 18.2 +1.4
CLL	comp=Z,8.0nm,1.1s,mb4.7				
CLL	Collim	68.21	17 iP	pP	18 00 18.2 +1.4
CLL	comp=Z,8.0nm,1.1s,mb4.7				
CLL	Collim	68.21	17 eP	P	18 00 13.4 -0.1
CLL	comp=Z,8.0nm,1.1s,mb4.7				
MOX	Moxa	68.64	18 eP	P	18 00 16.7 +0.5
MOX	comp=Z,11nm,1.1s,mb4.7				
MOX	Moxa	68.64	18 eP	P	18 00 16.7 +0.5
MOX	comp=Z,11nm,1.1s,mb4.7				
MOX	Moxa	68.64	18 eP	P	18 00 16.6 +0.4
MOX	comp=Z,11nm,1.1s,mb4.7				
FBE	Freiberg	68.64	17 eP	P	18 00 17.9 +1.7
FBE	comp=Z,9.0nm,1.0s,mb4.7				
MK31	Makanchi Array	68.70 329	eP	P	18 00 15.9 -0.8
MK31	Makanchi Array	68.70 329	eP	P	18 00 16.1 -0.5
MK31	comp=Z,3.8nm,0.7s,mb4.4,baz=38,slo=6.2,SNR=36				
MKAR	comp=Z,77nm,19.9s,MS3.9,baz=227,slo=39	LR	LR	18 33 43.9	
BRG	Bergjesshubel	68.77	16 eP	P	18 00 17.3 +0.2
BRG	comp=Z,8.0nm,1.1s,mb4.6				
BRG	Bergjesshubel	68.77	16 eP	P	18 00 17.2 +0.2
BRG	comp=Z,9.4nm,1.1s,mb4.6				
TANN	Tannenbergssta	69.00	18 eP	P	18 00 19.1 +0.7
TANN	comp=Z,6.0nm,1.1s,mb4.7				
WERN	Wernitzgruen	69.11	18 eP	P	18 00 19.7 +0.6
WERN	comp=Z,15nm,1.7s,mb4.7				
NKC	Novy Kostel	69.17	18 eP	P	18 00 19.8 +0.3
PVCC	Pavla Ves	69.20	16 eP	P	18 00 20.0 +0.3
UPC	Uvice	69.42	15 eP	P	18 00 21.9 +0.2
UPC	comp=Z,2.1nm,0.8s,mb4.7				
UPC	Uvice	69.42	15 eP	P	18 00 25.7
UPC	comp=Z,2.1nm,0.8s,mb4.7				
GRA1	Grafenberg Arr	69.50	19 eP	P	18 00 22.2 +0.6
GRA1	comp=Z,9.0nm,0.7s,mb4.8				
GRF	Grafenberg Arr	69.50	19 eP	P	18 00 22.2 +0.6
GRF	comp=Z,9.0nm,0.7s,mb4.8				
GRF	Grafenberg Arr	69.50	19 eP	P	18 00 22.2 +0.6
GRF	comp=Z,9.0nm,0.7s,mb4.8				
DPC	Dobruska-Polom	69.62	15 eP	P	18 00 23.1 +0.8
DPC	comp=Z,2.0nm,0.6s,mb4.9				
DPC	Gaotai	69.69 314	eP	P	18 00 28.4
DPC	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 21.9 +3.7
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 32.9 +5.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 19.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 03 01.0 +4.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 32.8 +1.5
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 09 43.5 +6.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 10 19.6
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.1 +0.8
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 28.4
GTA	comp=Z,4.6nm,0.8s,mb4.5				
GTA	Gaotai	69.69 314	eP	P	18 00 23.7 +0.7
GTA					

4d 18h

Table with columns: TUP, comp=N, 4.4nm, 0.9s, 5.60 97 ePn, Pn, 18 17 59.3 -0.1, etc.

ISCJB 04 18:18:12.5:0.5, 0.9N:0.1x2869W:0.08, h10km, mb4.4/16, MS3.8/5, Error ellipse: s-maj=19.3km s-min=9.8km az=154.5

IDC 04 18:18:12.8:0.7, 0.89N:2871W, h10km, mb4.3/13, mb1 4.4/13, mb1mx3.2/25, mbtmp4.3/13, MS3.7/6, Ms1 3.8/6, ms1mx3.3/46, Error ellipse: s-maj=30.5km s-min=14.3km az=148.0

NEIC 04 18:18:13.9:0.4, 0.89N:2867W, h10km, mb4.4/1, Error ellipse: s-maj=14.6km s-min=7.1km az=156.0

ISC 04 18:18:14.3:0.5, 0.9N:0.1x2865W:0.09, h10km, n33, o574/29, mb4.4/16, MS3.8/5, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 04 18:20:20.3:2.7, 1.44N:12569E, h10km, mb3.2/3, mb1 3.4/3, mb1mx3.2/18, mbtmp3.3/3, Error ellipse: s-maj=307.0km s-min=26.1km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 04 18:31:42.2:4.7, 6.13S:13030E, h148km, mb3.5/1, mb1 3.3/5, mb1mx3.1/16, mbtmp3.2/5, Error ellipse: s-maj=44.0km s-min=17.0km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

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Table with columns: BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, etc.

ISCJB 04 18:45:58.2:0.2, 5.150N:002x1604E:0.02, h0km, mb3.5/7, Error ellipse: s-maj=2.3km s-min=1.7km az=9.5

IPEC 04 18:45:58.9:0.3, 5.161N:161.2E, h0km, 1km, ML3.4/4, Error ellipse: s-maj=2.1km s-min=1.5km az=33.0

MOS 04 18:45:58.5:1.4, 5.160N:1589E, h10km, mb3.9/1, Error ellipse: s-maj=6.1km s-min=3.6km az=81.6

IDC 04 18:45:58.9:0.6, 5.137N:1575E, h0km, mb3.6/7, mb1 3.6/14, mb1mx3.6/29, mbtmp3.6/14, ML3.5/7, Error ellipse: s-maj=9.9km s-min=6.7km az=100.0

LDG 04 18:45:59.0:0.3, 5.153N:1615E, h1km, M4.0/14, Error ellipse: s-maj=7.5km s-min=3.5km az=3.0, Suspected Mining Induced

NEIC 04 18:45:59.6:0.3, 5.159N:1598E, h5km, ML3.8(STR), ML3.7(SZGRF), ML3.3(BRA), Error ellipse: s-maj=4.3km s-min=3.7km az=1.0

BGR 04 18:45:59.1:0.4, 5.161N:1614E, h1km, ML3.7, Error ellipse: s-maj=5.6km s-min=2.2km az=17.0

CSEM 04 18:46:00.7:0.1, 5.153N:1605E, h1km, ML4.1/25, Ms3.5, Error ellipse: s-maj=1.5km s-min=0.8km az=14.0

PRU 04 18:46:01.0, 5.152N:1602E, h0km, Felt In Harrachov

WAR 04 18:46:01.2, 5.154N:1603E, ML3.2, Mining Induced

VIE 04 18:46:02.8:0.7, 5.133N:1597E, h0km, mb3.1/8, ML3.4/8, Ms3.5/1, Error ellipse: s-maj=5.1km s-min=3.9km az=16.0, Suspected Mining Induced

STR 04 18:46:07.6:0.9, 5.251N:14.13E, h2km, ML3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 04 18:45:59.2:0.2, 5.157N:1601.1605E:0.02, h0km, n154, o1515/276, mb3.5/7, 26C-7D, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

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Table with columns: KRUC, TANN, WERD, NKC, ASAR, ASAR, MKAR, etc.

Table with columns: ORL, comp, ePN, Pn, 19 54 27.6 +1.4, 19 56 18.9 -7.2, etc. Includes stations like Orlik, Ulanbaatar, Sogino Array, etc.

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

Table with columns: BAUV, EI Baul, 5.53 256 eP, Pn, 19 55 47.2 -0.3, etc. Includes stations like Janina, Janina, Metsovon, etc.

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

Table with columns: SVKR, comp=N, 1.93 64 ePn, Pn, 20 11 32.2 +2.3, etc. Includes stations like Severomysk, Maximikha, Ongureny, etc.

Table with columns: CDD, Comp-Z, Station Name, Az, El, P, PKPbc, PKPab, Time, Res. Includes stations like CLZ, MLR, MNR, etc.

Table with columns: CTA, Comp-Z, Station Name, Az, El, P, PKPbc, PKPab, Time, Res. Includes stations like MOTA, MYKA, SQT, etc.

Table with columns: CTA, Comp-Z, Station Name, Az, El, P, PKPbc, PKPab, Time, Res. Includes stations like ASAR, WRA, FITZ, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: SMF, Signal de Mont, 11.32 317, eP, Pn, 23 58 08.6 -1.2, etc. Includes stations like Signal de Mont, Fournels, Langenberg, etc.

Table with columns: CLL, Collim, 12.46 354, eP, Pn, 23 58 24.2 +0.4, etc. Includes stations like Collim, Walfardange, etc.

Table with columns: UCC, Uccle, 14.09 331, P, Pn, 23 58 42.8 -0.7, etc. Includes stations like Uccle, Winterswijk, etc.

5d 0h

AKHS	Akhisar	2.10	355	iP	Pn	23 59 14.1	+0.6
AKHS				iS	Sn	23 59 39.8	+1.2
AKS	Akhisar	2.10	355	ePN	Pn	23 59 13.0	-0.5
AKS	Demirci	2.31	13	iP	Pn	23 59 17.4	+0.9
DEMI				iS	Sn	23 59 44.3	+0.4
SHUT	Suhut-Afyon	2.66	48	eP	Pn	23 59 19.2	-1.9

IDC 05 00:15:50.6:3.3,463S:15141E,h0km,mb3.8/3,mb1 4.1/3,mb1mx3.7/16,mbtpp3.9/3,Error ellipse: s-maj=114.1km s-min=45.3km az=120.0,New Britain region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KAKA	Kakadu	20.38	246	eP	P	00 20 31.8	+2.6
WB2	Warramunga Arr	22.53	226	eP	P	00 20 54.5	+2.2
WRA	Warramunga Arr	22.54	226	P	P	00 20 52.9	+0.5
ASAR	Alice Springs	25.36	220	P	P	00 21 19.1	-0.5
FITZ	Fitzroy Crossi	28.53	240	eP	P	00 21 49.6	+1.3
FITZ	Fitzroy Crossi	28.53	240	P	P	00 21 48.4	+0.1
TORD	Torodi Ar. Bea	148.94	288	PKPbc	PKPbc	00 35 41.1	-0.5

BUI 05 00:20:08.8,5649N:11070E,h10km,mb3.5,Ms4.2,Ms4.1
ISCJB 05 00:20:12.7:0.2,5535N:002:11042E:003,h10km,mb3.8/11,MS3.1/9,Error ellipse: s-maj=3.6km s-min=2.0km az=141.1
MOS 05 00:20:13.0:1.1,5549N:11036E,h6km,mb4.7/8,Error ellipse: s-maj=9.8km s-min=6.6km az=62.8
NEIC 05 00:20:13.8:2.4,5555N:11056E,h6km,16km,mb4.0/5,Error ellipse: s-maj=6.4km s-min=5.1km az=158.0
IDC 05 00:20:13.2:1.6,5550N:11054E,h0km,mb3.7/6,mb1 3.8/9,mb1mx3.6/26,mbtpp3.7/9,ML3.5/3,MS3.3/9,MS1 3.3/9,ms1mx3.1/33,Error ellipse: s-maj=31.0km s-min=19.7km az=116.0

BYKL 05 00:20:14.7:0.3,5540N:11038E,h6km,11km
ISC 05 00:20:14.7:0.2,5539N:002:11042E:003,h10km,n97,α126/144,mb3.8/11,MS3.1/9,7C, Lake Baykal region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
NIZ	Nizh Angarsk	0.63	308	iP	Pg	00 20 25.8	-1.1
NIZ				e	Pmax	00 20 34.3	
NIZ					Pmax		
NIZ	Nizh Angarsk	0.63	308	iP	Pg	00 20 25.8	-1.1
NIZ				e	Pmax	00 20 27.3	
NIZ					Pmax		
KMO	Kumora	0.66	41	eP	Pg	00 20 26.5	-1.0
KMO				e	Pmax	00 20 34.9	
KMO					Pmax		
KMO	Kumora	0.66	41	iP	Pg	00 20 26.4	-1.1
KMO				e	Pmax	00 20 28.1	
KMO					Pmax	00 20 29.2	
KMO	Kumora	0.66	41	eP	Pg	00 20 35.7	-0.5
KMO				e	Pmax	00 20 42.3	
KMO					Pmax		
YOA	Uoyan	1.04	44	iP	Pg	00 20 34.2	-0.6
YOA				e	Pmax	00 20 49.4	
YOA					Pmax		
YOA	Uoyan	1.04	44	eP	Pg	00 20 33.9	-0.9
YOA				e	Pmax	00 20 39.7	
YOA					Pmax		
YOA	Uoyan	1.04	44	eP	Pg	00 20 48.6	+0.3
YOA				e	Pmax	00 21 09.9	
YOA					Pmax		
SYVR	Suvo	1.75	188	ePN	Pn	00 20 46.2	+1.1
SYVR				e	Pmax	00 21 10.5	
SYVR					Pmax		
SYVR	Suvo	1.75	188	eP	Pn	00 20 46.2	+1.1
SYVR				e	Pmax	00 20 49.3	
SYVR					Pmax	00 20 50.4	
SYVR	Suvo	1.75	188	eP	Pn	00 21 10.4	-0.7
SYVR				e	Pmax	00 21 15.9	
SYVR					Pmax		
UKT	Uakit	1.83	86	ePN	Pn	00 20 47.0	+0.9
UKT				e	Pmax	00 21 11.7	
UKT					Pmax		
UKT	Uakit	1.83	86	iP	Pn	00 20 47.1	+1.0
UKT				e	Pmax	00 20 48.5	-1.2
UKT					Pmax	00 20 52.7	
UKT	Uakit	1.83	86	eP	Pn	00 21 12.2	-1.2
UKT				e	Pmax	00 21 14.5	
UKT					Pmax		
SVKR	Severomuysk	1.92	66	ePN	Pn	00 20 49.0	+1.7
SVKR				e	Pmax	00 21 14.4	
SVKR					Pmax		
SVKR	Severomuysk	1.92	66	eP	Pn	00 20 47.4	+0.1
SVKR				e	Pmax	00 20 49.2	-2.2
SVKR					Pmax	00 20 52.7	
SVKR	Severomuysk	1.92	66	eP	Pn	00 21 15.8	-0.4
SVKR				e	Pmax	00 21 18.4	
SVKR					Pmax		
MXMB	Maximikha	2.35	205	eP	Pn	00 20 55.0	+1.7
MXMB				e	Pmax	00 20 58.4	-1.3
MXMB					Pmax	00 20 59.9	
MXMB	Maximikha	2.35	205	eP	Pn	00 21 22.0	-0.1
MXMB				e	Pmax	00 21 29.4	-0.7
MXMB					Pmax	00 21 32.6	
OGRR	Ongureny	2.41	224	ePN	Pn	00 20 55.6	+1.5
OGRR				e	Pmax	00 20 58.6	
OGRR					Pmax	00 21 28.3	
OGRR	Ongureny	2.41	224	eP	Pn	00 20 55.4	+1.3
OGRR				e	Pmax	00 20 57.8	-3.0
OGRR					Pmax	00 21 01.6	
OGRR	Ongureny	2.41	224	eP	Pn	00 21 24.4	+0.8
OGRR				e	Pmax	00 21 29.3	-2.6
OGRR					Pmax	00 21 29.9	
BOD	Bodaibo	3.14	38	ePN	Pg	00 21 11.4	-3.3
BOD				e	Pmax	00 21 51.3	
BOD					Pmax		
BOD	Bodaibo	3.14	38	eP	Pn	00 21 04.9	+0.8
BOD				e	Pmax	00 21 10.9	-3.8
BOD					Pmax	00 21 16.0	
BOD	Bodaibo	3.14	38	eP	Pn	00 21 42.5	+1.0
BOD				e	Pmax	00 21 51.5	-3.8
BOD					Pmax	00 21 55.1	
BOD	Bodaibo	3.14	38	eP	Pn	00 21 09.4	+1.1

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ZRHB				eP	Pg	00 21 17.1	-3.4
ZRHB				Pmax		00 21 24.3	
ZRHB					Pmax		
ZRHB				eS	Sg	00 21 50.7	+1.7
ZRHB				e	Smax	00 22 03.0	-2.0
ZRHB					Smax	00 22 16.9	
TRG	Tyrgan	3.57	224	ePN	Pn	00 21 11.1	+1.1
TRG				e	Smax	00 21 18.9	
TRG					Smax	00 21 52.9	+0.8
TRG	Tyrgan	3.57	224	eP	Pn	00 21 11.0	+1.0
TRG				e	Pmax	00 21 17.9	-5.1
TRG					Pmax	00 21 22.8	
TRG	Tyrgan	3.57	224	eP	Pn	00 21 11.0	+1.0
TRG				e	Pmax	00 21 17.9	-5.1
TRG					Pmax	00 21 22.8	
CIT	Chita	3.85	150	ePN	Pn	00 21 23.6	+1.0
CIT				e	Pmax	00 21 23.1	-5.4
CIT					Pmax	00 21 25.9	
CIT	Chita	3.85	150	eP	Pn	00 21 23.1	-5.3
CIT				e	Smax	00 22 20.9	
CIT					Smax	00 22 20.9	
UUDB	Ulan-Yde	3.90	206	eP	Pg	00 21 24.8	-4.5
UUDB				e	Pmax	00 21 29.5	
UUDB					Pmax	00 22 15.6	-4.1
UUDB	Ulan-Yde	3.90	206	eP	Pg	00 21 24.8	-4.5
UUDB				e	Pmax	00 21 29.5	
UUDB					Pmax	00 22 15.6	-4.1
FFNB	Fofonovo	3.99	214	eP	Pn	00 21 17.0	+1.1
FFNB				e	Pmax	00 21 17.6	-5.3
FFNB					Pmax	00 22 25.2	
KAB	Kabansk	4.03	215	eP	Pg	00 21 30.1	-1.7
KAB				e	Pmax	00 22 19.5	-4.4
KAB					Pmax	00 22 34.6	
HRMR	Khuramsha	4.30	210	eP	Pn	00 21 21.2	+1.1
HRMR				e	Pmax	00 21 31.4	-5.7
HRMR					Pmax	00 21 39.7	
HRMR	Khuramsha	4.30	210	eP	Pn	00 21 21.2	+1.1
HRMR				e	Pmax	00 21 31.4	-5.7
HRMR					Pmax	00 21 39.7	
CRS	Chara	4.64	68	ePN	Pg	00 21 39.9	-3.6
CRS				e	Pmax	00 22 39.3	
CRS					Pmax		
CRS	Chara	4.64	68	eP	Pn	00 21 26.9	+2.1
CRS				e	Pmax	00 21 39.0	-4.5
CRS					Pmax	00 21 42.9	
CRS	Chara	4.64	68	eP	Pn	00 21 26.9	+2.1
CRS				e	Pmax	00 21 39.0	-4.5
CRS					Pmax	00 21 42.9	
IRK	Irkutsk	4.82	232	ePN	Pn	00 21 29.1	+1.9
IRK				e	Pmax	00 21 43.2	
IRK					Pmax	00 22 23.1	0.0
IRK	Irkutsk	4.82	232	eP	Pn	00 21 29.1	+1.9
IRK				e	Pmax	00 21 43.2	
IRK					Pmax	00 22 23.1	0.0
IRK	Irkutsk	4.82	232	eS	Sg	00 22 21.9	-1.2
IRK				e	Smax	00 22 42.9	-6.4
IRK					Smax	00 22 47.4	
IRK	Irkutsk	4.82	232	eS	Sg	00 22 21.9	-1.2
IRK				e	Smax	00 22 42.9	-6.4
IRK					Smax	00 22 47.4	
LSTR	Listvyanka	4.85	226	eP	Pn	00 21 28.8	+1.1
LSTR				e	Pmax	00 21 40.3	-7.3
LSTR					Pmax	00 21 50.0	
LSTR	Listvyanka	4.85	226	eP	Pn	00 21 28.8	+1.1
LSTR				e	Pmax	00 21 40.3	-7.3
LSTR					Pmax	00 21 50.0	
LSTR	Listvyanka	4.85	226	eS	Sg	00 22 22.0	-1.8
LSTR				e	Smax	00 22 42.2	-8.1
LSTR					Smax	00 22 52.0	
LSTR	Listvyanka	4.85	226	eS	Sg	00 2	

GNL	Ganally	3.03 358	eP	Pn	00 26 25.7	+3.3
MKZ	Mys Kozlova	4.47 28	eP	Pn	00 26 45.9	+3.5
MKZ			iS	Pn	00 27 34.9	+1.9
KBTR	Krutoberegovo	6.22 25	eP	Pn	00 27 10.2	+4.1

MOS 05 00:31:41.5:1.4, 5544N:11045E, h11km, mb4.4/1, Error ellipse: s-maj=23.7km s-min=11.2km az=61.7

BYKL 05 00:31:40.8:0.2, 5547N:11037E, h11km, 28km, 2C-2D, Lake Baykal region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	
				h m s	ISC	
NIZ	Nizh Angarsk	0.56 303	eP	Pg	00 31 52.2	+0.5
NIZ			eP	Pg	00 32 00.8	
NIZ	comp=N, 84nm, 0.6s		smax			
NIZ	comp=N, 508nm, 0.4s		smax			
NIZ	Nizh Angarsk	0.56 303	iP	Pg	00 31 51.8	+0.1
NIZ			eSg	Pg	00 31 59.7	+0.6
NIZ			Pmax			
NIZ	comp=N, 157nm, 1.1s		smax			
KMO	Kumora	0.63 48	eP	Pg	00 31 52.2	-0.8
KMO			e	Pmax	00 32 00.6	
KMO	comp=Z, 249nm, 0.4s		smax			
KMO	comp=N, 958nm, 0.8s		smax			
KMO	Kumora	0.63 48	iP	Pg	00 31 52.2	-0.8
KMO			eSg	Pg	00 32 00.7	-0.6
KMO			Pmax			
KMO	comp=N, 261nm, 0.3s		smax			
YOA	Uoyan	1.01 48	eP	Pg	00 31 59.5	-0.8
YOA			i	Pmax	00 32 14.1	
YOA	comp=Z, 351nm, 0.2s		smax			
YOA	comp=E, 1μm, 0.4s		smax			
YOA	Uoyan	1.01 48	eP	Pg	00 31 59.3	-1.0
YOA			eSg	Pg	00 32 13.8	+0.4
YOA			Pmax			
YOA	comp=E, 342nm, 0.4s		smax			
YOA	comp=E, 1μm, 0.4s		smax			
SYVR	Suvo	1.83 187	eP	Pn	00 32 13.7	+1.6
SYVR			e	Pmax	00 32 38.9	
SYVR	comp=Z, 121nm, 0.6s		smax			
SYVR	comp=E, 549nm, 0.8s		smax			
SYVR	Suvo	1.83 187	iP	Pg	00 32 13.5	-2.3
SYVR			eSg	Pg	00 32 38.5	-1.0
SYVR			Pmax			
SYVR	comp=E, 121nm, 0.7s		smax			
SYVR	comp=E, 595nm, 1.0s		smax			
UKT	Uakit	1.85 88	iP	Pg	00 32 13.8	-2.5
UKT			eSg	Pg	00 32 38.2	-2.1
UKT			Pmax			
UKT	comp=E, 204nm, 1.3s		smax			
UKT	comp=E, 742nm, 0.6s		smax			
SVKR	Severomysk	1.91 69	eP	Pn	00 32 15.5	+2.2
SVKR			e	Pmax	00 32 39.7	
SVKR	comp=Z, 372nm, 1.4s		smax			
SVKR	comp=N, 1μm, 1.6s		smax			
SVKR	Severomysk	1.91 69	eP	Pg	00 32 15.5	-2.0
SVKR			eSg	Pg	00 32 39.8	-2.5
SVKR			Pmax			
SVKR	comp=N, 255nm, 0.4s		smax			
SVKR	comp=N, 1μm, 0.4s		smax			
MXMB	Maximikha	2.41 204	e	Pn	00 32 22.1	+2.0
MXMB			eP	Pg	00 32 23.8	-3.1
MXMB			eSg	Pg	00 32 55.3	-2.8
MXMB	comp=N, 52nm, 0.6s		smax			
MXMB	comp=N, 864nm, 0.7s		smax			
OGRR	Ongureny	2.44 223	eP	Pn	00 32 23.3	+2.8
OGRR			e	Pmax	00 32 26.3	
OGRR			e	Pmax	00 32 56.1	
OGRR	comp=Z, 37nm, 0.5s		smax			
OGRR	comp=E, 171nm, 0.5s		smax			
OGRR	Ongureny	2.44 223	e	Pn	00 32 23.3	+2.8
OGRR			eP	Pg	00 32 25.1	-2.5
OGRR			eSg	Pg	00 32 56.7	-2.5
OGRR			Pmax			
OGRR	comp=E, 43nm, 0.4s		smax			
BOD	Bodaibo	3.09 39	eP	Pn	00 32 31.0	+1.5
BOD			eSg	Pg	00 33 15.4	-4.7
BOD	comp=E, 18nm, 0.4s		smax			
TRG	Tyrgan	3.60 223	e	Pn	00 32 40.0	+3.5
TRG			eP	Pg	00 32 45.6	+4.1
TRG			eSg	Pg	00 33 25.5	
TRG			eSg	Pg	00 33 31.7	-4.7
TRG			Pmax			
TRG	comp=E, 15nm, 0.9s		smax			
TRG	comp=E, 114nm, 0.7s		smax			
CIT	Chita	3.94 150	e	Sn	00 33 14.9	-12
CIT			eSg	Pg	00 33 43.0	-4.1
CIT			Pmax			
UUBD	Ulan-Yde	3.95 205	eP	Pg	00 32 51.9	-4.5
UUBD			eSg	Pg	00 33 43.6	-4.0
UUBD			Pmax			
UUBD	comp=E, 22nm, 1.0s		smax			
FFNB	Fotonovo	4.04 213	e	Sn	00 33 22.1	-7.7
FFNB			eSg	Pg	00 33 46.1	-4.4
FFNB			Pmax			
FFNB	comp=E, 253nm, 0.5s		smax			
HRMR	Khuramsha	4.35 209	eP	Pg	00 32 58.9	-5.2
HRMR			eSg	Pg	00 33 55.0	-5.5
HRMR			Pmax			
HRMR	comp=E, 34nm, 0.5s		smax			
HRMR	comp=E, 272nm, 0.9s		smax			
CRS	Chara	4.64 69	eP	Pg	00 33 04.9	-4.7
CRS			eSg	Pg	00 34 04.4	-5.2
CRS			Pmax			
CRS	comp=E, 44nm, 1.1s		smax			
LSTR	Listvyanka	4.88 225	e	Pn	00 32 57.0	+2.9
LSTR			eP	Pg	00 33 07.3	-7.0
LSTR			eSg	Pg	00 33 52.8	
LSTR			eSg	Pg	00 34 10.4	-7.1
LSTR			Pmax			
LSTR	comp=E, 4.0nm, 0.5s		smax			
LSTR	comp=E, 71nm, 1.6s		smax			
TLY	Talaya	5.52 229	eP	Pn	00 33 22.0	-4.4
TLY			eS	Pn	00 34 07.3	+1.1
TLY			eS	Pn	00 34 31.0	
TLY			Pmax			
TLY	comp=Z, 12nm, 0.7s		smax			
TLY	comp=N, 104nm, 1.8s		smax			
TLY	Talaya	5.52 229	e	Sn	00 34 07.9	+1.7
TLY			eSg	Pg	00 34 30.9	-6.9
TLY			Pmax			
TLY	comp=N, 100nm, 1.1s		smax			
TUP	Tupik	5.62 97	eP	Pn	00 33 05.2	+1.0
TUP			e	Pn	00 33 22.0	
TUP			eS	Pn	00 34 35.1	-1.4
TUP			e	Pmax	00 34 35.1	
TUP	comp=Z, 15nm, 0.9s		smax			

TUP	comp=N, 111nm, 1.1s	Tupik	5.62 97	eP	Pn	00 33 05.2	+1.0
TUP				eP	Pg	00 33 22.1	-6.3
TUP				eSg	Pg	00 34 06.5	
TUP				eSg	Pg	00 34 35.0	-6.1
TUP				Pmax			
TUP	comp=N, 29nm, 1.8s			Smx			
ZAK	comp=N, 113nm, 0.7s	Zakamensk	6.66 223	eP	Pg	00 33 44.3	-3.9
ZAK				e	Pmax	00 35 09.2	
ZAK	comp=Z, 4.0nm, 0.4s			smax			
ZAK	comp=E, 44nm, 1.3s	Zakamensk	6.66 223	eSg	Pg	00 35 07.9	-6.4
ZAK				eSg	Pmax		
ZAK	comp=E, 44nm, 1.2s	Mondy	6.76 240	eP	Pn	00 33 22.1	+2.3
ZAK				e	Pn	00 33 44.5	
ZAK				e	Pmax	00 35 11.6	
ZAK	comp=Z, 4.0nm, 0.5s			smax			
ZAK	comp=E, 87nm, 1.5s			smax			
ZAK	MOY	Mondy	6.76 240	eP	Pn	00 33 19.2	-0.6
ZAK				eP	Pn	00 34 40.5	
ZAK				eSg	Pg	00 35 08.4	-9.1
ZAK				max			
ZAK	comp=E, 7.0nm, 0.3s			Smx			
ZAK	comp=E, 88nm, 1.1s			Smx			
ORL <th>Orlik</th> <th>6.88 249</th> <td>eP</td> <td>Pn</td> <td>00 33 24.3</td> <td>+2.8</td>	Orlik	6.88 249	eP	Pn	00 33 24.3	+2.8	
ORL <td></td> <td></td> <td>e</td> <td>Pmax</td> <td>00 33 35.1</td> <td></td>			e	Pmax	00 33 35.1		
ORL <td></td> <td></td> <td>e</td> <td>Pmax</td> <td>00 35 15.1</td> <td></td>			e	Pmax	00 35 15.1		
ORL <td>comp=Z, 10.0nm, 0.8s</td> <td></td> <td></td> <td>smax</td> <td></td> <td></td>	comp=Z, 10.0nm, 0.8s			smax			
ORL <th>Orlik</th> <th>6.88 249</th> <td>eP</td> <td>Pn</td> <td>00 33 22.6</td> <td>+1.1</td>	Orlik	6.88 249	eP	Pn	00 33 22.6	+1.1	
ORL <td></td> <td></td> <td>e</td> <td>Pg</td> <td>00 34 40.6</td> <td></td>			e	Pg	00 34 40.6		
ORL <td></td> <td></td> <td>eSg</td> <td>Pg</td> <td>00 35 14.9</td> <td>-6.6</td>			eSg	Pg	00 35 14.9	-6.6	
ORL <td></td> <td></td> <td>e</td> <td>Pmax</td> <td></td> <td></td>			e	Pmax			
ORL <td>comp=N, 5.0nm, 0.3s</td> <td></td> <td></td> <td>Smx</td> <td></td> <td></td>	comp=N, 5.0nm, 0.3s			Smx			
ORL <th>lengra</th> <th>8.19 79</th> <td>eSg</td> <td>Sn</td> <td>00 35 54.8</td> <td>+4.3</td>	lengra	8.19 79	eSg	Sn	00 35 54.8	+4.3	

ISCJB 05 00:32:59.6:0.4, 4467N:002-2618E, 003, h12km, Error ellipse: s-maj=3.6km s-min=3.1km az=146.2

CSEM 05 00:32:59.4:1.1, 4474N:2632E, h10km, 9km, MD3.4/2, Error ellipse: s-maj=6.6km s-min=5.3km az=6.0, After BUC

BUC 05 00:32:59.7:0.4, 4473N:2630E, h12km, 2km, MD3.5/2, Error ellipse: s-maj=3.8km s-min=3.2km az=103.0

BEO 05 00:33:00.6:0.5, 4465N:2616E, h7km, 2km, ML3.0/11

ISC 05 00:32:59.2:0.4, 4466N:002-2619E, 003, h4km, 3km, n28, r1910/52, 13C-6D, Romania

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	
				h m s	ISC	
FULR	Fulda	0.29 38	iP	Pg	00 33 04.1	-0.7
FULR			iS	Pg	00 33 07.3	-1.3
BUC1	Bucharest	0.33 201	iP	Pg	00 33 08.7	+3.1
BUC1			iS	Pg	00 33 15.7	+5.7
SNX	Sinaia	0.85 326	iP	Pg	00 33 16.4	+1.0
MLR	Muntele Rosu	0.85 348	eP	Pg	00 33 27.9	+2.5
MLR			eSg	Pg	00 33 28.5	+2.0
MLR	Muntele Rosu	0.85 348	iP	Pg	00 33 15.6	+0.1
MLR			iS	Pg	00 33 27.9	+1.4
VOIR	Voiron	1.12 314	iP	Pg	00 33 20.7	-0.1
VOIR			iS	Pg	00 33 27.9	+2.5
ZIMR	Zimnicea	1.17 211	iP	Pg	00 33 23.4	+1.8
ZIMR			iS	Pg	00 33 41.6	+4.9
PLOA	Plostinia	1.23 15	iS	Pg	00 33 39.0	+0.1
PLOA			iS	Pg	00 33 39.1	+0.2
HARR	Harsova	1.24 88	iP	Pg	00 33 21.5	-1.5
VRI	Vrincioaia	1.26 17	iP	Pg	00 33 22.9	+0.7
VRI			iP	Pg	00 33 23.4	-0.1
MSAB	Monastery St. A	1.30 115	iP	Pn	00 33 23.4	-0.7
MSAB			iS	Pg	00 33 41.7	+0.7
TIRR	Tirgurov	1.60 96	iP	Pn	00 33 27.3	-0.9
TIRR			iS	Pn	00 33 48.1	+0.9
CRAR	Craiova	1.75 260	eP	Pn	00 33 55.9	+0.6
CRAR			eSg	Sn	00 33 58.0	+5.1
CRAR	Craiova	1.75 260	iS	Sn	00 33 37.5	+0.9
JMB	Jambol	2.21 173	eP	Pn	00 34 10.3	+0.1
JMB			eSg	Pn	00 33 43.3	+1.0
DJES	Djerdap	2.62 271	eP	Pn	00 34 22.2	-1.2
DJES			eSg	Pn	00 34 22.2	-1.2
ZAPS	Zavoj	2.92 243	iP	Pn	00 33 47.0	+0.6
ZAPS			eSg	Pn	00 34 22.1	+0.2
ZAPS			eSg	Pn	00 34 32.6	-0.4
ZAPS			eSg	Pn	00 34 48.4	+0.5
BURAR	Bucovina Array	3.03 347	iP	Pn	00 33 22.2	-2.2
BURAR			iS	Sn	00 33 50.5	+0.8
BOLS	Boljevac	3.16 256	iP	Pn	00 34 27.9	+0.1
BOLS			eSg	Sn	00 34 39.1	-1.5
BOLS			eSg	Pn	00 33 51.2	+0.4
DRGR	Drzavica	3.24 312	iP	Pg	00 33 51.9	-0.8
BZS	Buzias	3.38 288	eP	Pn	00 34 47.4	+0.3
BZS			eSg	Pn	00 33 52.2	-0.2
BZS			iS	Sn	00 34 35.1	+1.9
SVIS	Svilajnac	3.59 265	eP	Pn	00 33 56.0	+0.5
SVIS			eSg	Pn	00 34 53.3	-1.1
BARJ	Barje	3.67 241	eP	Pn	00 33 58.4	+1.7
BARJ			eSg	Pn	00 34 38.5	+1.5
BARJ			eSg	Pn	00 34 55.7	-1.3
STIP	Stip	4.17 226	iP	Pn	00 34 04.9	+1.4
STIP			eSg	Pn	00 35 12.0	-1.0
DIVS	Divibare	4.48 265	iP	Pn	00 34 07.	

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like AML, MOS, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like WRA, VANDA, LPIG, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like FRIM 47.34 258, KULM 47.55 261, ZAK 47.55 261, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like APA 82.53 3391, KLMR 83.14 332, KEV 83.37 342, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like CFAA 8.35 190, CPUP 8.93 111, SIV 8.96 36, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRUV Carupano, ITEV Isla Los Testi, TBH Brigand Hill, etc.

ISCJB 05 05:52:27.0.5.1, 2250N, 008.1431E, 0.1, h160km, 13km, mb4.0/20, Error ellipse: s-maj=19.4km s-min=13.1km az=173.6

IDC 05:52:27.7.2.0, 2249N, 143.09E, h153km, 17km, mb3.7/14, mb1 3.7/16, mb1mx3.7/24, mbtmp3.7/16, MS4.3/3, MS1 4.3/3, ms1mx3.0/36, Error ellipse: s-maj=20.5km s-min=11.8km az=81.0

NEIC 05:52:34.0.5.1, 2246N, 143.02E, h212km, 47km, mb4.2/4, Error ellipse: s-maj=19.3km s-min=8.0km az=74.0

ISC 05:52:28.1.1.5, 2252N, 008.1432E, 0.1, h155km, 13km, n40, c080/33, mb4.0/20, Volcano Islands region

Main table listing station data for the Volcano Islands region, including stations like CBJU Chichi jima, KRSR Korea Array, SONM Songoing Array, etc.

IDC 05:14:51.4.3.7, 3028S, 13855E, h0km, mb1 3.3/3, mb1mx3.2/15, mbtmp3.0/3, ML3.0/3, Error ellipse: s-maj=100.2km s-min=16.3km az=44.0, South Australia

Table listing station data for South Australia, including stations like STKA Stephens Creek, STKA Kurchatov, etc.

Table listing station data for Kuril Islands, including stations like MK31, VOSK, ZRKN, etc.

KRSC 05 06:18:40.5.1.3, 5044N, 15745E, h50km, 49km, ML3.6, Kuril Islands

Table listing station data for Kuril Islands, including stations like ALID Alaid, MIPR Malaya Ipe'l'ka, etc.

ISCJB 05 06:26:27.4.2.6, 56S, 05.1043E, 0.7, h33km, mb4.2/9, Error ellipse: s-maj=115.3km s-min=14.4km az=144.3

NEIC 05:26:28.1.1.7, 568S, 104.22E, h30km, mb4.6/6, Error ellipse: s-maj=74.2km s-min=13.0km az=52.0

IDC 05:26:40.2.2.0.0, 54.7S, 104.80E, h127km, 180km, mb3.8/7, mb1 4.0/7, mb1mx3.6/21, mbtmp3.8/7, Error ellipse: s-maj=144.3km s-min=22.2km az=60.0

DJA 05:06:26:45.539S, 104.82E, h149km, ML3.9/4, Error ellipse: s-maj=20.6km s-min=10.6km az=60.0

ISC 05:06:26:30.0.2.6, 56S, 05.1044E, 0.7, h35km, n11, c0970/10, mb4.2/9, Southern Sumatra

Table listing station data for Southern Sumatra, including stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 05 06:44:31.9.0.3, 3929N, 002.2006E, 0.04, h10km, mb3.7/8, Error ellipse: s-maj=4.8km s-min=2.7km az=161.4

CSEM 05 06:44:31.7.0.1, 3924N, 1989E, h10km, ML3.9, Error ellipse: s-maj=2.9km s-min=1.6km az=61.0

ATH 05:06:44:33.3, 39.24N, 20.27E, h19km, 3km, MD3.8/9, Error ellipse: s-maj=2.9km s-min=1.6km az=61.0

NEIC 05:06:44:33.3, 39.24N, 20.27E, h18km, ML3.9(THE), ML3.2(ATH), After: ATH

THE 05:06:44:33.7, 39.28N, 20.23E, h0km, ML3.9, Error ellipse: s-maj=2.9km s-min=1.6km az=61.0

IDC 05:06:44:38.1.2.6, 39.38N, 20.29E, h54km, 29km, mb3.5/8, mb1 3.7/11, mb1mx3.5/28, mbtmp3.6/11, ML3.7/3, MS3.6/2, MS1 3.6/2, ms1mx2.8/33, Error ellipse: s-maj=23.4km s-min=18.1km az=86.0

SKO 05:06:44:40.4, 39.50N, 20.47E, h27km, Error ellipse: s-maj=23.4km s-min=18.1km az=86.0

BEO 05:06:45:20.0, 43.01N, 21.24E, Error ellipse: s-maj=23.4km s-min=18.1km az=86.0

ISC 05:06:44:33.6.0.5, 3929N, 002.2023E, 0.04, h7km, 4km, n77, c1+1939/90, mb3.7/3, 3C-1, Greece-Albania border region

Main table listing station data for the Greece-Albania border region, including stations like IGT Igoumenitsa, KEK Kerkira, etc.

Table listing station data for the Greece-Albania border region, including stations like CRES Cresnejev, MLR Muntele Rosu, etc.

IDC 05:06:55:55.4.16.0, 601S, 10507E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/21, mbtmp4.1/4, MS4.0/1, MS1 4.0/1, ms1mx2.9/36, Error ellipse: s-maj=286.7km s-min=174.8km az=145.0, Sunda Strait

Table listing station data for the Sunda Strait, including stations like BATI Baumata, FITZ Fitzroy Crossi, etc.

NEIC 05:07:14:19.5.0.4, 982N, 92.73E, h30km, mb6.6/14, Error ellipse: s-maj=16.6km s-min=7.0km az=58.0

BUI 05:07:14:21.7, 1065N, 92.48E, h10km, mb5.1, Error ellipse: s-maj=16.6km s-min=7.0km az=58.0

ISCJB 05:07:14:23.6.1.0, 994N, 005.9292E, 0.05, h81km, 9km, mb4.4/27, Error ellipse: s-maj=9.3km s-min=5.9km

IDC 05:07:14:24.7.1.9, 998N, 92.94E, h75km, 15km, mb4.1/16, mb1 4.2/18, mb1mx4.1/28, mbtmp4.1/18, MS3.5/1, MS1 3.5/1, ms1mx2.9/33, Error ellipse: s-maj=31.3km s-min=10.1km az=54.0

ISC 05:07:14:23.8.0.9, 990N, 005.9285E, 0.06, h67km, 6km, n82, c096/88, mb4.4/27, Nicobar Islands region

Main table listing station data for the Nicobar Islands region, including stations like PBA Port Blair, PSI Prapat, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Osenovka, Makanchi Array, Songoing Array, Kurkuch, Fitzroy Crossi, etc.

BE0 05:07:26:04.2, 3306N:1724E
ISCJB 05:07:27:30.2, 0.5, 3929N:20209E.003, h1km, 4km, mb3.8/11, Error ellipse: s-maj=4.2km s-min=2.6km az=161.5

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

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNT, STIP, AOS, SOH, DID, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSEM 05:08:33:09.7, 0.1, 4443N:1145E, etc.

ISCJB 05 10:08:02.9.0.6,3510N:004:13742E:005,h34km,16km, Error ellipse: s-maj=7.3km s-min=5.7km az=138.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yashizawa, Yasuok, Shizuoka 3, etc.

IDC 05 10:33:53.9.7.8,3629N:7126E,h75km,69km,mb3.7/9, mb1.3/9.11,mb1mx3.6/25,mbtmp3.7/11,ML4.0/2, Error ellipse: s-maj=34.6km s-min=20.9km az=21.0

ISCJB 05 10:33:56.2.0.4,3638N:002:7151E:005,h121km,6km, mb4.1/10, Error ellipse: s-maj=6.8km s-min=3.6km az=169.4

NEIC 05 10:33:57.1.0.7,3641N:7131E,h102km,7km,mb4.1/2, Error ellipse: s-maj=11.1km s-min=7.2km az=124.0

BUI 05 10:33:57.1,3640N:7130E,h102km

NIC 05 10:34:00.9.4.5,3685N:7031E,h99km,61km,mb3.4, mpsv4.3, Error ellipse: s-maj=34.4km s-min=23.9km az=129.0

ISC 05 10:33:57.4.0.4,3636N:002:7151E:005,h117km,5km, m67,c127/85,mb4.1/10,4C-3D,Afghanistan-Tajikistan border region

Main table listing stations and their coordinates. Includes stations like Cherat, Kabul, Chirah Chowk, etc.

Table listing stations and their coordinates. Includes stations like Borovoye Array, Aktyubinsk, etc.

ISCJB 05 10:37:51.5.0.3,5529N:003:11053E:005,h10km, mb3.7/5, Error ellipse: s-maj=4.7km s-min=2.6km az=137.2

MOS 05 10:37:53.0.9.5552N:11032E,h10km,mb4.4/4, Error ellipse: s-maj=14.3km s-min=8.0km az=54.9

IDC 05 10:37:53.3.2.5,5552N:11040E,h0km,mb3.7/5, mb1.3/7.8,mb1mx3.5/26,mbtmp3.7/8,ML3.6/3, Error ellipse: s-maj=45.5km s-min=21.5km az=98.0

BYKL 05 10:37:54.0.2.5543N:11039E,h2km,9km

NEIC 05 10:37:54.7.0.9,5556N:11047E,h10km,7km, Error ellipse: s-maj=12.0km s-min=6.8km az=169.0

ISC 05 10:37:53.4.0.3,5534N:003:11052E:004,h10km,m56,c1562/96,mb3.7/5,3C-1D,Lake Baykal region

Main table listing stations and their coordinates. Includes stations like Kumora, Nizh Angarsk, etc.

Main table listing stations and their coordinates. Includes stations like Bod, BOD, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, KSRK, ASAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OXX, VHO, VHT, etc.

Text block containing station identifiers and coordinates: IDC 05 13:19:50.3; 7.0, 369N41 71.72E, h93km, 56km, mb3.5/6, ...

Text block containing station identifiers and coordinates: ISC 05 13:19:54.9; 0.4, 3715N-003; 71.92E-005, h135km, 6km, ...

Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KABUL, KASHI, UCHTOR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GECZ, NOA, TOR, etc.

Text block containing station identifiers and coordinates: SZGRF 05 13:26:21.4; 0.2, 4474S; 1559W, h33km, mb4.9, MS4.8, ...

Text block containing station identifiers and coordinates: ISC 05 13:26:24.5; 0.2, 4254S-004; 1980W-009, h10km, ...

Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VNA1, SNA, SNA, etc.

LSZ	Lusaka	49.17	71	eP	P	13 35 09.8	-3.0
LSZ	comp=Z,21nm,0.9s,mb5.2						
LIC	Lamto	50.36	19	eP	P	13 35 17.4	-4.3
LIC	comp=Z,254nm,1.5s,mb5.7						
LIC	Lamto	50.36	19	eP	P	13 35 17.4	-4.3
LIC	comp=Z,44m,23.0s,MS5.0						
LIC	Lamto	50.36	19	eP	P	13 35 17.4	-4.3
LIC	comp=Z,127nm,1.5s,mb5.7						
DBIC	Dimbokro	50.83	19	LR	LR	13 51 24.8	
DBIC	comp=Z,21m,23.0s,MS5.0						
TOAO	Torodi Ar. Sit	58.82	25	eP	P	13 36 19.0	-4.1
TOAO	comp=Z,81nm,1.4s,mb5.6						
TORD	Torodi Ar. Bea	58.82	25	eP	P	13 36 18.8	-4.4
TORD	comp=Z,14nm,0.8s,mb5.0						
TORD	Torodi Ar. Bea	58.82	25	eP	P	13 36 18.8	-4.4
TORD	comp=Z,14nm,0.8s,mb5.0						
TORD	comp=Z,21m,21.2s,MS5.1						
SBA	Scott Base	59.82	182	eP	P	13 36 30.6	+1.2
SBA	comp=Z,81nm,1.4s,mb5.6						
SBA	Scott Base	59.82	182	eP	P	13 36 30.6	+1.3
SBA	comp=Z,81nm,1.4s,mb5.6						
MIR	Mirny	59.83	155	iP	P	13 36 29.0	-0.5
MIR	comp=Z,107nm,1.5s,mb5.7						
MIR	Mirny	59.83	155	iP	P	13 36 33.0	+0.2
MIR	comp=Z,107nm,1.5s,mb5.7						
VND	Vanda	60.22	180	eP	P	13 36 32.8	+0.7
VND	comp=Z,76nm,1.4s,mb5.5						
VND	Vanda	60.22	180	eP	P	13 36 32.5	+0.4
VND	comp=Z,24nm,1.1s,mb5.1						
VND	comp=Z,780nm,18.4s,MS4.9						
VND	Vanda	60.22	180	eP	P	14 01 51.7	
VND	comp=Z,780nm,18.4s,MS4.9						
CASY	Casey	65.01	160	eP	P	13 37 03.8	-0.4
CASY	comp=Z,107nm,1.5s,mb5.7						
OTAV	Otavallo	67.56	292	eP	P	13 37 21.3	0.0
OTAV	comp=Z,23nm,1.1s,mb5.1						
ROSC	El Rosal	68.24	299	eP	P	13 37 25.4	-0.1
ROSC	comp=Z,11nm,0.4s,mb5.2						
ROSC	comp=Z,11nm,0.4s,mb5.2						
SDV	Santo Domingo	69.03	305	eP	P	13 37 29.0	-1.4
SDV	comp=Z,43nm,1.0s,mb5.3						
SDV	Dumont d'Urville	70.03	172	eP	P	13 37 37.0	+3.4
SDV	comp=Z,26nm,1.1s,mb5.1						
DRV	DRV	70.03	172	eP	P	13 37 37.0	+1.1
DRV	comp=Z,26nm,1.1s,mb5.1						
MDT	Midelt	76.27	13	P	P	13 38 10.9	-2.1
MDT	comp=Z,22nm,1.1s,mb5.1						
EMIJ	Mijas	79.91	12	P	P	13 38 32.1	-1.0
EMIJ	comp=Z,37nm,1.0s,mb5.1						
PFVI	Vila Bisbo	79.92	9	eP	P	13 38 34.4	+1.2
PFVI	comp=Z,66nm,1.4s,mb5.4						
PFVI	Vila Bisbo	79.92	9	eLR	LR	14 04 59.8	
PFVI	comp=Z,568nm,20.0s						
ESPR	Espera	80.04	11	P	P	13 38 34.7	+0.8
ESPR	comp=Z,20nm,1.0s,mb5.0						
MORF	Marmetele	80.11	9	eP	P	13 38 35.8	+1.6
MORF	comp=Z,30nm,1.1s,mb5.1						
MORF	Marmetele	80.11	9	eLR	LR	14 05 11.9	
MORF	comp=Z,528nm,20.0s						
PBDV	Barranco-do-Ve	80.13	10	eP	P	13 38 32.3	-2.1
PBDV	comp=Z,59nm,1.4s,mb5.3						
PBDV	Barranco-do-Ve	80.13	10	eLR	LR	13 38 41.7	
PBDV	comp=Z,59nm,1.4s,mb5.3						
PVAQ	Vaqueiros	80.32	10	eP	P	13 38 36.1	+0.7
PVAQ	comp=Z,466nm,20.0s						
PVAQ	Vaqueiros	80.32	10	eP	P	13 38 41.9	
PVAQ	comp=Z,72nm,1.8s,mb5.3						
PTEO	Sao Teotonio	80.34	9	eP	P	13 38 33.2	-2.3
PTEO	comp=Z,33nm,1.3s,mb5.1						
EGRO	El Granado	80.48	10	P	P	13 38 36.8	+0.6
EGRO	comp=Z,31nm,1.2s,mb5.1						
ERON	Agron	80.51	13	P	P	13 38 36.1	-0.3
ERON	comp=Z,49nm,1.1s,mb5.3						
EBER	Berja	80.55	14	P	P	13 38 37.2	+0.7
EBER	comp=Z,64nm,1.3s,mb5.1						
ENIJ	Nijar	80.74	14	P	P	13 38 38.5	+0.9
ENIJ	comp=Z,32nm,1.0s,mb5.2						
ENIJ	Nijar	80.74	14	P	P	13 38 38.5	+0.9
ENIJ	comp=Z,32nm,1.0s,mb5.2						
ECOG	Cogollos-Vega	80.80	13	P	P	13 38 37.9	0.0
ECOG	comp=Z,32nm,1.0s,mb5.2						
ECOG	Cogollos-Vega	80.80	13	P	P	13 38 37.9	0.0
ECOG	comp=Z,32nm,1.0s,mb5.2						
EMIN	Mina Concepcio	80.81	11	P	P	13 38 38.2	+0.2
EMIN	comp=Z,11nm,0.8s,mb4.8						
PBAR	Barrancos	81.17	10	eP	P	13 38 38.6	-1.3
PBAR	comp=Z,9.6nm,0.9s,mb4.7						
PBAR	Barrancos	81.17	10	eP	P	13 38 41.5	-1.7
PBAR	comp=Z,44nm,1.4s,mb5.2						
PBAR	Barrancos	81.17	10	eLR	LR	14 05 58.1	
PBAR	comp=Z,694nm,18.0s						
ECAB	El Cabril	81.29	11	P	P	13 38 41.1	+0.5
ECAB	comp=Z,18nm,1.3s,mb4.8						
EVO	Evora	81.40	9	eP	P	13 38 42.0	+0.9
EVO	comp=Z,140nm,1.7s,mb5.3						
EVO	Evora	81.40	9	eP	P	13 38 38.5	-2.6
EVO	comp=Z,706nm,21.2s,MS4.7						
EHUE	Huescar	81.49	14	P	P	13 38 41.7	+0.1
EHUE	comp=Z,29nm,1.2s,mb5.1						
EHUE	Huescar	81.49	14	P	P	13 38 41.7	+0.1
EHUE	comp=Z,29nm,1.2s,mb5.1						
EADA	Adamuz	81.51	12	P	P	13 38 41.5	-0.1
EADA	comp=Z,13nm,1.0s,mb4.8						
PMAFR	Mafrá	81.67	8	eLR	LR	14 05 06.2	
PMAFR	comp=Z,364nm,18.0s						
EBAD	Badajoz	81.74	10	P	P	13 38 43.2	+0.3
EBAD	comp=Z,9.0nm,0.8s,mb4.8						
EMUR	La Murta	81.76	15	P	P	13 38 43.6	+0.5
EMUR	comp=Z,16nm,0.8s,mb5.0						
PESTR	Estremoz	81.78	10	eP	P	13 38 38.0	-5.1
PESTR	comp=Z,730nm,18.0s						
PESTR	Estremoz	81.78	10	eLR	LR	14 05 45.5	
PESTR	comp=Z,9.9nm,0.8s,mb4.8						
EVIA	Vianos	82.31	14	P	P	13 38 46.3	+0.4
EVIA	comp=Z,8.2nm,0.8s,mb4.7						
EVIA	Vianos	82.31	14	P	P	13 38 46.3	+0.4
EVIA	comp=Z,8.2nm,0.8s,mb4.7						
KEST	Kesara	82.32	24	P	P	13 38 44.8	-1.2
KEST	comp=Z,10nm,1.1s,mb4.7						
KEST	Kesara	82.32	24	P	P	14 12 20.7	
KEST	comp=Z,10nm,1.1s,mb4.7						
PMRV	Marv??	82.36	10	eP	P	13 38 46.1	0.0
PMRV	comp=Z,738nm,18.1s,MS5.1						
PMRV	Marv??	82.36	10	eLR	LR	14 05 22.4	
PMRV	comp=Z,66nm,1.6s,mb5.3						
PCBR	Castelo Branco	82.75	10	eP	P	13 38 42.8	-5.4
PCBR	comp=Z,595nm,16.0s						
PAB	San Pablo	82.89	12	eP	P	13 38 44.5	-4.4
PAB	comp=Z,37nm,1.4s,mb5.2						
PAB	San Pablo	82.89	12	eP	P	13 38 55.1	+2.9
PAB	comp=Z,37nm,1.4s,mb5.2						
PAB	San Pablo	82.89	12	eP	P	13 38 44.5	-4.4
PAB	comp=Z,37nm,1.4s,mb5.2						
ESDC	Sonseca Array	83.08	12	P	P	13 38 50.1	+0.2
ESDC	comp=Z,7.9nm,0.8s,mb4.8						
ESDC	Sonseca Array	83.08	12	P	P	13 38 48.2	-1.6
ESDC	comp=Z,6.8nm,0.8s,mb4.8						
ESDC	Sonseca Array	83.08	12	P	P	14 12 43.1	
ESDC	comp=Z,669nm,18.1s,MS5.0						
ESLA	Sonseca Array	83.08	12	eP	P	13 38 48.0	-1.9
ESLA	comp=Z,15nm,1.2s,mb4.9						
ESLA	Sonseca Array	83.08	12	eP	P	13 38 56.0	+2.8
ESLA	comp=Z,15nm,1.2s,mb4.9						
ECHE	Chera	83.51	15	P	P	13 38 53.4	+1.3
ECHE	comp=Z,10nm,1.0s,mb4.9						
ECHE	Chera	83.51	15	P	P	13 38 53.4	+1.3
ECHE	comp=Z,10nm,1.0s,mb4.9						
EGUE	Chera	83.51	15	P	P	13 38 53.4	+1.3
EGUE	comp=Z,10nm,1.0s,mb4.9						
TGUH	Teeguicapa,Un	83.56	296	eP	P	13 38 54.3	+1.4
TGUH	comp=Z,107nm,1.4s,mb5.8						
TGUH	Teeguicapa,Un	83.56	296	eP	P	13 39 00.1	+3.8
TGUH	comp=Z,107nm,1.4s,mb5.8						
GUD	Guadarrama	84.00	12	P	P	13 38 54.3	-0.2
GUD	comp=Z,6.2nm,0.8s,mb4.8						
GUD	Guadarrama	84.00	12	P	P	13 38 54.3	-0.3
GUD	comp=Z,6.2nm,0.8s,mb4.8						

GUD	comp=Z,6.0nm,0.8s,mb4.8						
MVO	Moncorvo	84.11	10	eP	P	13 38 56.7	+1.6
MVO	comp=Z,45nm,1.5s,mb5.4						
MVO	Moncorvo	84.11	10	eLR	LR	14 06 29.0	
MVO	comp=Z,750nm,18.0s						
EMOS	Mosqueruela	84.35	15	P	P	13 38 57.7	+1.3
EMOS	comp=Z,85nm,1.3s,mb5.7						
ETOS	Mallorca	84.45	17	P	P	13 38 57.6	+0.7
ETOS	comp=Z,124nm,2.0s,mb5.0						
ETOR	Toré	84.51	13	P	P	13 38 57.8	+0.6
ETOR	comp=Z,12nm,1.0s,mb5.0						
ETOR	Toré	84.51	13	P	P	13 38 57.8	+0.6
ETOR	comp=Z,12nm,1.0s,mb5.0						
ECAL	Calabor	84.91	10	P	P	13 39 01.0	+1.8
ECAL	comp=Z,57nm,1.9s,mb5.4						
ERTA	Horta de San J	85.08	15	P	P	13 39 00.7	+0.7
ERTA	comp=Z,10nm,0.9s,mb5.0						
ERUA	La Rua	85.31	9	P	P	13 39 02.1	+0.9
ERUA	comp=Z,27nm,1.4s,mb5.2						
ERUA	La Rua	85.31	9	P	P	13 39 02.1	+1.0
ERUA	comp=Z,27nm,1.4s,mb5.2						
EPOB	Poblet	85.61	16	P	P	13 39 03.1	+0.5
EPOB	comp=Z,16nm,0.9s,mb5.3						
EMAZ	Mazaricos	85.66	18	P	P	13 39 01.6	-1.3
EMAZ	comp=Z,109nm,2.0s,mb5.7						
ESAC	San Caprasio	85.67	14	P	P	13 39 03.2	+0.3
ESAC	comp=Z,31nm,0.9s,mb5.5						
EMIR	Miracle	86.24	16	P	P	13 39 06.1	+0.4
EMIR	comp=Z,86nm,1.6s,mb5.1						
ELAN	Lanestosa	86.64	12	P	P	13 39 08.7	+1.0
ELAN	comp=Z,22nm,0.9s,mb5.4						
ETSF	Etsaut	86.79	14	eP	P		

Table with columns: GRF, comp-Z, 300nm, 18.6s, MS4.8, 95.79, 20 eP, P, 13 39 51.0 +0.8, etc.

Table with columns: comp-Z, 57nm, 5.7s, 137.38, 330, 137.38, 330, 142.35, 63, etc.

Table with columns: 0.7nm, 0.9s, baz=64, slow=8.4, SNR=4.8, MKAR, Makanih Array, 82.36 319, P, 14 12 01.7 +0.6, etc.

NEIC 05 14:14:46.7, 3721S, 17671E, h221km, MG3.7(WEL), After WEL.

WEL 05 14:14:46.9: 0.4, 3723S-17674E, h222km, 2km, ML3.8, / Error ellipse: s-maj=3.6km s-min=3.2km az=90.0, North

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, 14 15 19.3 +0.1, etc.

MOS 05 14:26:46.5: 0.7, 5548N-11036E, h5km, mb4.4/1, Error ellipse: s-maj=17.4km s-min=8.8km az=54.6

BYKL 05 14:26:47.3: 0.2, 5544N-11033E, h5km, 23km, 3C-2D, Lake Baykal region

5d 14h

Table of flight data for 5d 14h, including columns for airline, flight number, status, departure/arrival times, and other flight details.

2007 JUL

Table of flight data for 2007 JUL, including columns for airline, flight number, status, departure/arrival times, and other flight details.

156

Table of flight data for 156, including columns for airline, flight number, status, departure/arrival times, and other flight details.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Danville, Umpqua, Higginbotham F, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kaiser Creek, Double Diamond, P10A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Hagfors, Snowmass, Humboldt, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like Yerkesik, MSLB, DALY, etc.

ISCJB 05 15:31:14.9:0.6, 1000N-003:6230W-003, h25km, 7km,
ER ellipse: s-maj=5.5km s-min=4.2km az=161.9
TRN 05 15:31:14.7, 1013N-6230W, h8km, MD3.2
NEIC 05 15:31:14.7, 1013N-6230W, h8km, MD3.2(TRN), After TRN.

FUNV 05 15:31:15.5, 1007N-6213W, h27km, MW3.0
ISC 05 15:31:15.3:0.7, 1002N-003:6228W-003, h20km, 7km, n22,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like Guiria, Guanoco, Chacachacare, etc.

5d 15h

Table with columns: CUPV, CUPV, BIRV, LUEV, CAOY, TURV, BAUV, Cœpira, 3.46 271 eP, Pn, 15 32 08.6 +0.5, etc.

CSEW 05 15:31:49.9:0.2, 3944N:28.13E, h15km, MD2.6, Error ellipse: s-maj=5.2km s-min=4.5km az=39.0

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

NIED 05 15:32:00, 3990N:14320E, h26km, Mw4.4 Best double couple: M=4.33000x1015 NP1=27.00000° δ70.00000°

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

ISC 05 15:32:23.8:0.4, 3989N:14323E, h36km, h36km, 8km, pP, P, 1136, 1104, mb4.6/4.9, MS4.0/23, 2C-5D, Off east coast of Honshu

Main table on the left side, listing station names like Tanohata, Miyakonagasaki, Nango, Ohasama, etc.

2007 JUL

Main table in the center, listing station names like Changchun, Yakutsk, Hu-ho-hao-te, etc.

Main table on the right side, listing station names like ZAAO, ZALV, ZALV, etc.

5d 20h

Table of astronomical observations for 5d 20h, listing stations like ISCO, PV10, ECSD, etc., and their respective coordinates and observation times.

2007 JUL

Main table of astronomical observations for 2007 JUL, listing stations like AFI, ESDC, AKASG, etc., and their respective coordinates and observation times.

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Table of astronomical observations for stations like HHC, HHC, HHC, etc., with coordinates and observation times.

WEL 05 19:41:51.0±0.3,3775S:17657E,h148km±2km,ML3.6/7, Error ellipse: s-maj=2.4km s-min=1.8km az=90.0, North Island

Table of astronomical observations for stations like OPRZ, URZ, URZ, etc., with coordinates and observation times.

IDC 05 19:42:43.2±2.6,3072N:13758E,h449km±51km,mb2.9/2, mb1 3.0/4,mb1mx2.6/23,mbtmp2.9/4, Error ellipse: s-maj=142.6km s-min=21.6km az=83.0, Southeast of Honshu

Table of astronomical observations for stations like JHJ, JHJ, JHJ, etc., with coordinates and observation times.

ISCJB 05 20:02:33.6±1.4, 1829N:005:11992E,h22km,mb4.1/1, Error ellipse: s-maj=9.9km s-min=7.2km az=41.9

IDC 05 20:02:33.6±5.7, 1799N:121.03E,h0km,mb3.9/3, mb1 4.2/3,mb1mx3.5/21,mbtmp3.9/3,MS3.0/2,Ms1 1.0/2, ms1mx2.5/31, Error ellipse: s-maj=284.1km s-min=29.1km az=91.0

MAN 05 20:02:37.1811N:12008E,h22km,mb5.1,ML4.0,MS4.2

ISC 05 20:02:35.1±1.5, 1822N:005:12003E:005,h12km±7km, n19, r135/28,mb4.0/2,2D,Luzon

Table of astronomical observations for stations like ABRA, ABRA, ABRA, etc., with coordinates and observation times.

IDC 05 20:02:44.0±0.7,2719S:17620W,h0km,mb4.1/1, mb1 4.3/12,mb1mx4.3/16,mbtmp4.1/12,ML4.8/1,MS3.6/6, Ms1 3.6/6,ms1mx3.3/23, Error ellipse: s-maj=25.3km s-min=18.6km az=128.0

ISCJB 05 20:02:49.3±0.3,0.272S:0.1:1762W±0.2,h52km±24km, mb4.2/13,MS3.6/4, Error ellipse: s-maj=23.3km s-min=19.4km az=155.2

NEIC 05 20:02:49.3±2.3,2719S:17624W,h36km±20km,mb4.7/3, Error ellipse: s-maj=16.8km s-min=14.2km az=204.0

ISC 05 20:02:50.5±3.0,272S:0.1:1762W±0.2,h42km±24km, h42km±2.1km,pp-P,n31, r093/22,mb4.2/13,MS3.6/4, Kermadec Islands region

Table of astronomical observations for stations like Code, Station Name, etc., with coordinates and observation times.

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

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

ISC/JB 05 20:51:05.8, 0.8, 20A1S, 0.06:6845W, 0.09, h123km, 11km, mb4.2/2, Error ellipse: s-maj=15.2km s-min=9.5km

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

ISC 05 20:55:38.24.0, 1256S-16836E, h0km, mb4.3/3, mb1 4.5, mb1mx3.8/16, mbtmp4.3/3, Error ellipse: s-maj=75.5km s-min=104.0km az=64.0, Santa Cruz Islands region

ISC/JB 05 20:58:49.0, 4.0, 4147N, 0.04:13937E, h121km, 5km, mb3.2/4, Error ellipse: s-maj=10.7km s-min=6.0km az=15.6

ISC 05 20:58:49.8, 1.1, 4141N, 13953E, h213km, 14km, mb3.0/4, mb1 3.3/8, mb1mx3.1/25, mbtmp3.3/8, Error ellipse: s-maj=26.1km s-min=13.1km az=121.0

JMA 05 20:58:51.2, 0.1, 4149N, 13931E, h197km, 2km, M3.2, NEIC 05 20:58:51.2, 4149N, 13931E, h197km, 2km, (JMA), After JMA

ISC 05 20:58:50.3, 0.5, 4146N, 0.04:13938E, h207km, 5km, n25, c0575/37, mb3.2/4, Hokkaido region

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

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

IDC 05 21:18:32.7, 1.2, 095S, 12770E, h0km, mb4.1/3, mb1 4.3/5, mb1mx3.8/18, mbtmp4.5, 15, M3.3, 9/2, Error ellipse: s-maj=51.8km s-min=20.6km az=66.0

NEIC 05 21:18:33.7, 0.7, 0.92S, 12766E, h10km, mb4.3/3, Error ellipse: s-maj=22.4km s-min=10.6km az=64.0

ISC/JB 05 21:18:35.0, 0.8, 10S, 0.1x1276E, h33km, mb4.2/5, Error ellipse: s-maj=23.5km s-min=12.6km az=154.2

DJA 05 21:18:36, 0.84S, 12759E, h33km, ML3.4/1, ISC 05 21:18:36.9, 0.8, 10S, 0.1x1277E, h35km, n11, c1921/10, mb4.2/5, Halmahera

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

ISC/JB 05 21:30:01.4, 0.5, 3206N, 0.03:11636W, 0.03, h29km, 4km, Error ellipse: s-maj=5.0km s-min=4.5km az=7.8

ECX 05 21:30:03.0, 0.4, 3208N, 11636W, h20km, 5km, MD2.9, ML3.0, ISC 05 21:30:01.7, 0.4, 3207N, 0.03:11636W, 0.04, h26km, 5km, n18, c0548/32, 13C-12D, California-Baja California border region

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

ISC 05 21:42:26.8, 7.2, 179N, 9605E, h0km, mb4.2/2, mb1 4.0/4, mb1mx3.2/23, mbtmp3.9/4, Error ellipse: s-maj=138.5km s-min=42.4km az=13.0

NEIC 05 21:42:32.4, 2.4, 197N, 9620E, h30km, mb4.0/1, Error ellipse: s-maj=41.0km s-min=14.2km az=192.0

ISC 05 21:42:33.1, 3.3, 20N, 0.4:962E, 01, h35km, n8, c0537/8, mb4.2/3, Off west coast of northern Sumatra

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

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

ISC/JB 05 21:42:51.5, 0.3, 1419N, 0.03:12051E, h133km, 3km, mb4.5/18, Error ellipse: s-maj=8.6km s-min=4.3km az=1.0

NEIC 05 21:42:52.9, 3.2, 1419N, 12069E, h142km, 3km, mb4.1/2, Error ellipse: s-maj=36.3km s-min=8.4km az=61.0

NEIC Felt (III PIVS) at Marveles, IDC 05 21:42:54.4, 4.9, 4.1, 1419N, 12064E, h158km, 91km, mb3.8/8, mb1 3.9/8, mb1mx3.6/22, mbtmp3.8/8, Error ellipse: s-maj=57.9km s-min=13.8km az=61.0

MAN 05 21:42:55, 1437N-12043E, h68km, mb4.2, ML3.1, MS2.8, MAN INTENSITY II - MARIVELES BATAAN, ISC 05 21:42:52.6, 0.3, 1418N, 0.03:12053E, h005, h128km, 3km, n42, c1907/54, mb4.5/18, 1C-4D, Luzon

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

GUC 05 21:52:45.3, 0.8, 3268S, 7104W, h8km, 2km, MD3.6, ML2.1, 4C-2D, Near coast of central Chile

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

IGQ 05 21:54:55.9, 0.86N, 7971W, h12km, 7km, Mb4.6, Ms4.4, 7C-2D, Error ellipse: s-maj=6.7km s-min=4.3km az=68.9, Near coast of Ecuador

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

WEL 05 22:00:20.4, 0.2, 422AS, 17377E, h12km, 2km, ML3.5/2.0, Error ellipse: s-maj=2.0km s-min=1.5km az=90.0, South Island

NIED 05:22:54.00, 43.40N, 145.90E, h68km, Mw3.5 Best double couple: $M_2 27000 \times 1014$ $NP1_{\phi} 241.00000^{\circ}$, $\delta 77.00000^{\circ}$, $\lambda 98.00000^{\circ}$, $NP2_{\phi} 30.00000^{\circ}$, $\delta 15.00000^{\circ}$, $\lambda 60.00000^{\circ}$, $MOS 05:22:54.24, 52.9, 4468N, 14657E, h33km, mb4.1/1$, Error ellipse: $s-maj=37.6km$ $s-min=31.8km$ $az=137.3$, $IDC 05:22:54.25, 4.8, 2.4309N, 14630E, h71km, 51km, mb3.5/3$, $mb1 3.6/4$, $mb1mx3.3/21$, $mbtmp3.6/4$, $ML4, 0/1$, Error ellipse: $s-maj=109.1km$ $s-min=55.6km$ $az=10.0$, $ISCJB 05:22:54.27, 7.1, 0.4338N, 007.14594E, 0.10, h71km, 5km, mb3.6/3$, Error ellipse: $s-maj=14.2km$ $s-min=9.1km$ $az=138.9$

JMA 05:22:54.29, 3.0, 1.4335N, 145.86E, h68km, 1km, M3.8
JMA Felt 1/1
ISC 05:22:54.28, 6.1, 0.4337N, 007.14594E, 0.10, h71km, 5km, n16, c0559/26, mb3.6/3, 1C, Hokkaido region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
NEM2	Nemuro 2	0.14	268	P	22 54 39.4	+0.4
NEM2	Yuzh-Kuril'sk	0.67	355	I/P	22 54 46.7	0.0
YUK				S	22 54 43.0	-0.2
YUK				S	22 54 53.5	-0.5
YUK	comp=Z, 3um, 0.3s			pmax		pmax
YUK	comp=N, 300nm, 0.3s			pmax		pmax
YUK	comp=E, 700nm, 0.3s			smax		smax
YUK	comp=N, 3um, 0.4s			smax		smax
YUK	comp=E, 2um, 0.5s			smax		smax
JRA	Rausu	0.82	314	P	22 54 45.2	+0.3
JNK	Nakashi	0.91	284	P	22 54 57.5	+0.5
JNK	Akashi	0.98	248	P	22 54 57.5	-1.5
JAK	Akashi	0.98	248	P	22 54 57.7	-0.2
JAR	Ashorobuto	1.56	268	P	22 54 55.1	+0.5
JAR	Abashiri-Toko	1.59	293	P	22 54 55.4	+0.7
JTRK	Onbetsu	1.61	254	S	22 55 14.7	+0.2
JOB	Onbetsu	1.61	254	S	22 55 15.1	+0.2
ASAJ	Asahikawa	2.53	288	P	22 55 08.9	+1.5
ASAJ	comp=E, 16nm, 0.3s, baz=116, slow=11, SNR=43			S	22 55 43.0	+5.7
ASAJ	comp=E, 6.6nm, 0.3s, baz=12, slow=29, SNR=8.6			P	22 55 08.9	+1.5
ASAJ	Asahikawa	2.53	288	P	22 55 43.0	+5.8
ASAJ	comp=Z, 16nm, 0.3s			smax		smax
ASAJ	comp=N, 7.0nm, 0.3s			smax		smax
SOMM	Songino Array	27.81	293	P	23 00 10.8	0.0
SOMM	comp=N, 0.7nm, 0.6s, mb3.4, baz=92, slow=8.3, SNR=3.7			P	23 00 10.8	0.0
SOMM	Songino Array	27.81	293	P	23 00 10.8	0.0
SOMM	comp=Z, 1.0nm, 0.6s			pmax		pmax
MKAR	Makanchi Array	43.98	298	P	23 02 28.3	-0.3
MKAR	comp=Z, 0.3nm, 0.3s, mb3.5, baz=78, slow=8.4, SNR=4.8			P	23 02 28.3	-0.4
WRA	Warramunga Arr	63.89	192	P	23 04 52.7	+8.4
FINES	FINES Array B	64.81	333	P	23 04 58.5	-0.8
FINES	comp=Z, 0.8nm, 0.4s, mb3.9, baz=33, slow=7.9, SNR=11			P	23 04 58.5	-0.8
FINES	FINES Array B	64.81	333	P	23 04 58.5	-0.8
FINES	comp=Z, 1.0nm, 0.4s			pmax		pmax

ISCJB 06:00:09:38, 7.0, 2.125S, 007.6823W, 0.09, h127km, 8km, mb4.0/9, Error ellipse: $s-maj=13.5km$ $s-min=10.7km$ $az=0.8$

NEIC 06:00:09:40, 2.0, 2.128S, 68.20W, h124km, 8km, mb4.0/6, Error ellipse: $s-maj=12.8km$ $s-min=8.8km$ $az=83.0$

IDC 06:00:09:40, 3.0, 2.132S, 68.19W, h121km, 7km, mb3.7/4, $mb1 3.7/9$, $mb1mx3.5/19$, $mbtmp3.6/9$, Error ellipse: $s-maj=18.3km$ $s-min=6.6km$ $az=102.0$

ISC 06:00:09:39, 8.0, 8.2124S, 007.6821W, 0.08, h119km, 8km, n33, c102/34, mb4.0/9, Chile-Bolivia border region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
LVC	Limon Verde	1.52	205	Op	00 10 08.0	+0.7
LVC	Limon Verde	1.52	205	P	00 10 28.0	-0.3
LVC	78nm, 0.3s, baz=11, slow=8.4, SNR=77.4			S	00 10 08.0	+0.9
LVC	64nm, 0.3s, baz=208, slow=18, SNR=59			S	00 10 28.0	-0.3
LPAZ	La Paz	4.92	1	P	00 10 55.6	+3.9
LPAZ	2.0nm, 0.3s, baz=168, slow=6.1, SNR=54			S	00 10 40.5	+7.2
LPAZ	0.2nm, 0.3s, baz=77, slow=4.3, SNR=2.2			S	00 11 52.1	+4.4
SIV	San Ignacio	8.54	54	P	00 11 40.3	-0.4
CPUP	Villa Florida	11.17	119	P	00 12 15.0	-1.0
CPUP	0.5nm, 0.3s, baz=284, slow=12, SNR=5.3			S	00 12 15.4	-0.6
TRQA	Tornquist	17.61	164	P	00 13 37.9	+0.3
PLCA	Paso Flores	19.54	185	P	00 13 56.2	-1.7
PLCA	0.2nm, 0.3s, baz=355, slow=3.4, SNR=4.0			P	00 13 58.6	+0.7
BDFB	Brasilia	19.94	77	P	00 14 03.2	+0.4
BDFB	Brasilia	19.94	77	P	00 14 03.5	+1.0
SDV	San Domingo	30.03	355	P	00 15 36.5	-1.1
BCIP	Isla Barro Col	32.61	338	P	00 15 57.3	-0.3
SWET	Seawane	58.30	443	P	00 19 24.0	-0.3
SWET	Sanac	62.31	161	P	00 19 48.9	-0.1
ANCO	Alum Creek Sta	62.68	347	P	00 19 50.9	-0.9
ANMO	Albuquerque	66.64	326	P	00 20 19.1	+1.5
SDCO	Great Sand Dun	66.36	329	P	00 20 29.8	+1.4
QSPA	South Pole Quake	66.85	180	P	00 20 32.5	+1.0
GV10	Paradox Valley	70.60	327	P	00 20 37.9	-4.3
ULM	Lac du Bonnet	75.27	342	P	00 21 09.2	-0.1
NVAR	Mina Array Bea	75.69	322	P	00 21 13.0	+0.8
TOAO	Torodi Ar. Sit	76.65	70	P	00 21 17.9	-0.2
TORD	Torodi Ar. Bea	76.65	70	P	00 21 18.1	0.0
HLID	Halley	77.17	327	P	00 21 18.3	-0.2
VNDA	Vanda	77.22	190	P	00 21 18.0	-2.2
TSUM	Tsumeb	91.49	107	P	00 21 35.5	+1.7
YKA	Yellowknife Ar	99.16	340	P	00 22 31.0	+0.3
WRA	Warramunga Arr	133.51	210	PKP	00 28 43.8	+0.9
MK31	Makanchi Array	145.04	36	PKP	00 29 02.8	-0.2
MK31	Makanchi Array	145.04	36	PKPbc	00 29 03.6	+1.0
SOMM	Songino Array	153.11	8	PKPbc	00 29 24.2	+0.9

ISCJB 06:00:18:38, 7.0, 8.3927N, 002.2025E, 0.06, h3km, 7km, Error ellipse: $s-maj=7.4km$ $s-min=4.0km$ $az=174.0$

CSEM 06:00:18:38, 1.0, 2.3927N, 20.16E, h10km, ML2.7, Error ellipse: $s-maj=3.7km$ $s-min=1.4km$ $az=92.0$

ATH 06:00:18:39, 1, 39.23N, 20.30E, h14km, 6km, MD3.2/6
THE 06:00:18:39, 6, 39.27N, 20.36E, h0km, ML2.7
NEIC 06:00:18:39, 1, 39.23N, 20.30E, h14km, MD3.2(ATH), After ATH

ISC 06:00:18:39, 1.0, 7, 39.27N, 003.2024E, 0.06, h9km, 6km, n17, c150/24, Greece-Albania border region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
IGT	Igoumenitsa	0.27	15	Op	00 18 44.0	-0.5
IGT				Sg	00 18 48.5	+0.3

KEK	Kerkira	0.56	322	ePB	Pb	00 18 50.5	-0.5
KEK				eSB	Pb	00 19 00.4	
JAN	Janina	0.61	51	ePB	Pb	00 18 50.0	-1.8
JAN				eSg	Pb	00 18 59.6	-0.0
LKD	Levkas	0.65	151	ePB	Sb	00 18 51.0	-0.6
LKD				eSg	Sb	00 19 01.1	+0.1
MEV	Metsovon	0.92	56	ePB	Pg	00 18 56.1	-0.7
MEV				eSg	Pg	00 19 10.0	+1.3
VLS	Valsamata	1.13	166	ePB	Pg	00 19 00.8	-0.0
VLS				eSg	Pg	00 19 18.1	+2.7
VLS	Vrysamata	1.13	166	ePB	Pg	00 18 59.1	-1.7
VLS				eSg	Pg	00 19 15.0	+0.1
EVY	Evrymatia	1.27	106	ePB	Pb	00 19 01.5	-1.4
RLS	Riolos of Patr	1.54	141	ePB	Pb	00 19 07.5	-0.4
KZN	Kozani	1.56	48	ePB	Pb	00 19 09.0	+0.8
AGG	Agios Georgios	1.64	98	ePB	Pb	00 19 09.0	-0.5
AGG				eSg	Pb	00 19 32.5	+2.2
FNA	Florina	1.74	30	ePB	Pb	00 19 11.2	0.0
BIA	Bitola	1.93	25	ePB	Pb	00 19 14.0	-0.4
BIA	Bitola	1.93	25	ePB	Pb	00 19 11.9	-0.1
BIA	Bitola	1.93	25	ePB	Pb	00 19 11.9	-0.2
BIA	Bitola	1.93	25	ePB	Pb	00 19 14.0	-0.4
KRUS	Krusevo	2.23	20	ePB	Pb	00 19 17.6	+1.5

WEL 06:00:37:00, 3.0, 4.603S, 167.12E, h21km, ML3.8/8, Error ellipse: $s-maj=0.4km$ $s-min=0.3km$ $az=90.0$, Off west coast of South Island

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
WEL	Puysegur Point	0.34	245	Op	00 37 12.6	0.0
PYZ	Deep Cove	0.55	3	P*	00 37 11.2	0.0
DCZ	Wether Hill Ro	0.59	77	P*	00 37 11.7	-0.3
WHZ	The Paps	1.00	144	P*	00 37 20.1	+0.2
APZ				S*	00 37 18.7	-0.4
APZ				S*	00 37 32.1	+0.3

IGQ 06:00:37:12.8, 102N, 7989W, h5km, 5km, Mb4.0, Ms3.8, 7C, Error ellipse: $s-maj=8.8km$ $s-min=4.6km$ $az=114.4$, Near coast of Ecuador

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
COTA	Cotacachi	1.69	114	P	00 37 43.8	+0.8
COTA	Cotacachi	1.69	114	S	00 38 08.7	+3.6
PINO	Pino	1.73	132	P	00 37 45.4	+1.7
PINO	Pino	1.73	132	S	00 38 09.0	+2.9
YANA	Yana	1.73	131	P	00 37 44.9	+1.3
YANA	Yana	1.73	131	S	00 38 08.7	+2.5
JUAZ	San Juan 2	1.77	134	P	00 37 45.8	+1.6
CAYA	Cayambe	2.12	116	P	00 37 51.5	+2.6
CAYA	Cayambe	2.12	116	S	00 38 22.5	+6.9
CAYR	Refugio Cayamb	2.13	118	P	00 37 52.6	+3.6
CAYR	Refugio Cayamb	2.13	118	S	00 38 23.5	+7.7
CAMI	Rancho Maria	2.18	141	P	00 37 53.6	+3.9
VC1	Cotopaxi 1	2.22	138	P	00 37 54.0	+3.7
ANTI	Antisana	2.26	130	P	00 37 54.1	+3.2
ANTI	Antisana	2.26	130	S	00 38 24.6	+5.5
TAMB	Tambo	2.28	138	P	00 37 54.7	+3.6

IDC 06:02:34.2, 2.0, 3.184S, 17989E, h346km, 59km, mb2.9/2, $mb1 3.4/4$, $mb1mx3.2/16$, $mbtmp3.3/4$, Error ellipse: $s-maj=65.4km$ $s-min=37.3km$ $az=12.0$, Kermadec Islands region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
URZ	Urewera	6.80	199	Op	01 04 55.8	+1.8
URZ	16nm, 0.3s, baz=264, slow=2.1, SNR=53			S	01 05 32.7	-2.3
RPZ	Rate Peaks	13.75	208			

ISA	Isabella	29.20 315	eP	P	01 15 11.0 +0.6
ISA	Isabella	29.20 315	P	P	01 15 11.1 +0.7
N15A	Stansbury Iata	29.23 330	P	P	01 15 11.3 +0.8
GRAC	Grapevine Rang	29.26 319	↑P	P	01 15 11.7 +0.8
HWUT	Hardware Ranch	29.34 332	eP	P	01 15 11.9 +0.4
S10A	Topnaph Range	29.35 321	↑P	P	01 15 12.4 +0.6
CWC	Cottonwood Cre	29.38 317	↑P	P	01 15 12.2 +0.2
O13A	Hicks Ranch, I	29.39 327	↑P	P	01 15 13.9 +1.9
Q11A	Duckwater	29.41 323	↑P	P	01 15 13.3 +1.1
SBC	Santa Barbara	29.41 312	↑P	P	01 15 12.4 +0.1
R10A	Warm Springs	29.41 322	↑P	P	01 15 13.6 +1.3
P12A	McGill	29.42 325	↑P	P	01 15 13.2 +0.9
BW06	Boulder Array	29.44 336	eP	P	01 15 12.2 -0.2
BGU	Big Grassy Mou	29.50 329	eP	P	01 15 13.5 +0.5
BGU	BGU		eP	P	01 15 13.7 -0.2
BGU	BGU		eP	P	01 15 14.1 +0.1
BGU	BGU		eP	P	01 20 02.3 +3.7
SPUT	South Promonto	29.52 330	eP	P	01 15 14.1 +1.0
N14A	Grayback Hills	29.52 329	P	P	01 15 14.1 +0.9
BIN9	Binghamton	29.61 327	eP	P	01 15 13.2 -0.8
S09A	Goldfield	29.61 320	↑P	P	01 15 14.1 0.0
COWI	Conover	29.62 6	eP	P	01 15 12.6 -1.5
M15A	Larsen Ranch,	29.64 330	P	P	01 15 14.9 +0.7
PAL	Palisades	29.64 31	eP	P	01 15 14.1 -0.1
PAL	Palisades		eP	P	01 15 41.4 +0.6
PAL	Palisades		eP	P	01 16 03.5 +8.6
PAL	Palisades		eP	P	01 15 14.1 -0.1
PAL	Palisades		eP	P	01 15 41.4 +0.7
PAL	Palisades		eP	P	01 16 03.5 +8.7
VES	Vestal	29.71 315	↑P	P	01 15 15.5 +0.6
PKM	Peak Mountain	29.71 313	P	P	01 15 15.1 +0.1
Q10A	Clear Creek Ra	29.82 322	P	P	01 15 17.4 +1.5
TPH	Topnaph	29.83 320	eP	P	01 15 16.6 +0.7
TIN	Tinemaha	29.84 318	P	P	01 15 17.3 +1.2
R09A	Tonah	29.84 321	P	P	01 15 16.6 +0.5
O12A	Currie	29.90 326	P	P	01 15 17.8 +1.2
P11A	Circle Ranch,	29.95 324	↑P	P	01 15 18.1 +1.1
HVU	Hansel Valley	30.04 331	eP	P	01 15 18.7 +1.0
N13A	Wendover, West	30.04 328	↑P	P	01 15 18.7 +1.0
SMMC	Simmler	30.05 313	↑P	P	01 15 18.5 +0.5
S08C	White Mtn Res	30.07 319	P	P	01 15 19.0 +0.9
AHID	Auburn Hatcher	30.07 334	eP	P	01 15 18.6 +0.6
RCTC	Reactor, Farmer	30.07 316	↑P	P	01 15 18.8 +0.6
M14A	Sheep Mountain	30.10 330	↑P	P	01 15 18.9 +0.6
MTUM	Tungsten Hill	30.23 318	eP	P	01 15 20.4 +0.9
V05C	Boulder Hill,	30.28 314	eP	P	01 15 20.5 +0.5
O11A	Cowboy Ranch,	30.29 325	↑P	P	01 15 21.2 +1.2
Q09A	Carvers	30.29 322	↑P	P	01 15 20.8 +0.8
P10A	Eureka	30.39 324	↑P	P	01 15 21.7 +0.8
M13A	Montello	30.39 328	P	P	01 15 21.9 +1.0
BBSR	BB Station	30.45 54	P	P	01 15 22.2 +0.9
BBSR	Red Top Meadow	30.45 335	eP	P	01 15 50.7 +2.7
BBSR	Red Top Meadow		eP	P	01 16 35.4 +2.9
REDW	Red Top Meadow		eP	P	01 15 22.0 +0.6
N12A	Clover Valley,	30.47 327	↑P	P	01 15 22.6 +1.0
SNOW	Snow King Moun	30.50 335	eP	P	01 15 22.7 +0.9
ELK	Elko	30.50 326	↑P	P	01 15 22.7 +0.8
ELK	Elko		eP	P	01 15 48.9 +0.4
ELK	Elko		eP	P	01 18 19.1 +1.1
ELK	Elko		eP	P	01 20 04.7 -1.0
ELK	Elko		eP	P	01 15 21.4 -0.4
ELK	Elko		eP	P	01 15 47.5 -1.0
ELK	Elko		eP	P	01 20 14.3 0.0
ELK	Elko		eP	P	01 30 22.1
ELK	Elko		eP	P	01 15 22.7 +0.9
ELK	Elko		eP	P	01 15 48.9 +0.5
ELK	Elko		eP	P	01 18 19.1
ELK	Elko		eP	P	01 20 04.7 -1.0
R08A	Mina	30.55 320	↑P	P	01 15 23.3 +1.0
LOHW	Long Hollow	30.56 335	eP	P	01 15 22.8 +0.4
MLAC	Mammoth Lakes	30.57 318	↑P	P	01 15 22.3 -0.2
SADO	Sadowa	30.57 20	P	P	01 15 20.5 -1.9
SADO	Sadowa		P	P	01 15 47.9 -1.1
SADO	Sadowa		P	P	01 15 20.5 -1.9
TPAW	Teton Pass	30.60 335	eP	P	01 15 23.4 +0.7
U05C	Westside ANR,	30.68 315	↑P	P	01 15 23.5 0.0
KCC	Kaiser Creek	30.70 317	↑P	P	01 15 24.1 +0.5
NVAR	Mina Array Bea	30.72 320	P	P	01 15 22.8 -1.0
NVAR	NVAR		P	P	01 15 48.4 -1.9
NVAR	NVAR		P	P	01 16 03.0 -1.5
NVAR	NVAR		P	P	01 20 18.4 +0.7
NVAR	NVAR		P	P	01 47 11.2
NVAR	NVAR		P	P	01 15 22.8 -1.0
NVAR	NVAR		P	P	01 15 48.4 -1.9
NVAR	NVAR		P	P	01 16 03.0 -1.5
NVAR	NVAR		P	P	01 20 18.4 +0.7
NVAR	NVAR		P	P	01 47 11.2
MOOW	Moose Ponds	30.73 335	eP	P	01 15 24.3 +0.5
P09A	Austin	30.74 323	↑P	P	01 15 24.7 +0.8
Q08A	Gabbs	30.76 321	↑P	P	01 15 25.2 +1.1
PKD	Parkfield	30.76 314	↑P	P	01 15 24.3 +0.1
T06C	Millerton Lake	30.78 316	P	P	01 15 23.6 -0.7
DCID1	Drake Creek	30.78 335	eP	P	01 15 25.5 +1.2
M12A	Wells	30.82 328	↑P	P	01 15 25.7 +1.1
N11A	Elko Archery C	30.82 326	↑P	P	01 15 25.8 +1.2
K14A	Jones Ranch, D	30.82 331	P	P	01 15 25.0 +0.4
V04C	Ramage Ranch,	30.83 313	↑P	P	01 15 25.1 +0.3
L13A	Double Diamond	30.83 330	↑P	P	01 15 25.5 +0.7
O10A	Cortez Mining,	30.87 324	↑P	P	01 15 26.1 +1.0
IMW	Indian Meadow	30.93 335	↑P	P	01 15 25.2 -0.3
R07C	Ben Vining	30.98 319	↑P	P	01 15 27.0 +0.9
U04C	Hernandez Rese	31.15 314	↑P	P	01 15 27.5 -0.1
N10A	Dumphy	31.17 325	↑P	P	01 15 28.8 +1.1
O09A	Fish Creek Ran	31.18 324	↑P	P	01 15 28.6 +0.9
GRGR	Greenville	31.19 94	eP	P	01 15 28.0 -0.2
GRGR	GRGR		eP	P	01 15 54.5 -0.3
GRGR	GRGR		eP	P	01 20 30.3 +4.7
FD	Fort de France	31.23 89	eP	P	01 15 27.1 -1.4
LKWY	Lake	31.28 336	eP	P	01 15 30.7 +2.0
M11A	Holland Ranch,	31.28 327	↑P	P	01 15 30.1 +1.4
V03C	Hunter Liggett	31.28 313	↑P	P	01 15 29.1 +0.3
EYMN	Ely	31.29 3	eP	P	01 15 26.9 -1.7
K13A	Stover Farm, H	31.32 330	P	P	01 15 29.5 +0.4
BM	Bigot	31.33 89	eP	P	01 15 29.4 -0.1
RLM	Red Lodge	31.34 338	eP	P	01 15 29.3 +0.2
Q07A	Schurz	31.34 320	↑P	P	01 15 30.5 +1.0
YFT	Old Faithful	31.35 336	eP	P	01 15 31.6 +2.4
T05C	Eagle Field, D	31.36 315	↑P	P	01 15 29.0 -0.4
S06C	San Francisco	31.37 318	↑P	P	01 15 29.3 -0.2
BMN	Battle Mountai	31.37 324	eP	P	01 15 30.4 +0.9
BMN	BMN		eP	P	01 15 55.6 -0.5
BMN	BMN		eP	P	01 20 28.6 +0.8
BMN	BMN		eP	P	01 15 30.4 +0.9
BMN	BMN		eP	P	01 15 55.6 -0.5
BMN	BMN		eP	P	01 20 28.6 +0.8
S05C	Merced	31.38 316	↑P	P	01 15 29.5 -0.1
P08A	Dixie Valley	31.38 322	↑P	P	01 15 30.1 +0.5
L12A	House Creek Ra	31.40 328	↑P	P	01 15 30.2 +0.5
TCE	Chacachacare	31.42 97	eP	P	01 15 32.5 +2.3
WAKR	Walker	31.47 319	eP	P	01 15 31.3 +0.9
R06C	Colville	31.49 319	↑P	P	01 15 31.5 +0.9
BRVW	Bryant College	31.50 32	eP	P	01 15 38.3 +7.6
BRVW	BRVW		eP	P	01 16 04.4 +7.1
BRVW	BRVW		eP	P	01 16 44.0 -0.1
YNR	Norris Junctio	31.52 336	eP	P	01 15 32.5 +1.8
ACCN	Adirondack Com	31.58 28	eP	P	01 15 30.0 -1.3
ACCN	ACCN		eP	P	01 15 59.0 +1.1
ACCN	ACCN		eP	P	01 18 23.0 +2.1
ACCN	ACCN		eP	P	01 20 16.5 -1.5
YMR	Madison River	31.59 336	↑P	P	01 15 32.6 +1.2
YMR	YMR		eP	P	01 16 04.2 +6.2
YMR	YMR		eP	P	01 18 19.2 -1.6
YMR	YMR		eP	P	01 20 36.9 +5.8
AGMN	Agassiz Refuge	31.65 357	eP	P	01 21 52.4 -0.6
HAST	Hastings Reser	31.69 314	↑P	P	01 15 30.5 -1.3
K12A	Draper Farm, C	31.71 329	P	P	01 15 31.1 +0.6
M10A	LL Ranch, Tu	31.74 326	↑P	P	01 15 34.2 +1.4
P07A	Fallon	31.76 321	↑P	P	01 15 33.3 +0.4
TRN	Trinidad (W)	31.76 97	eP	P	01 15 31.4 -1.9
TRN	Trinidad (W)		eP	P	01 16 07.1 +7.2
LAO	LASA Array	31.76 343	eP	P	01 15 33.0 0.0
L11A	Gate Creek Ranc	31.79 328	↑P	P	01 15 33.5 +0.3
TPP	Pointe-a-Pierr	31.80 97	eP	P	01 15 32.5 -1.1
TPP	Pointe-a-Pierr		eP	P	01 16 03.1 +2.9
CMB	Columbia Cole	31.80 317	eP	P	01 15 33.5 +0.2
CMB	Columbia Cole		eP	P	01 15 33.5 +0.2
CMB	Columbia Cole		eP	P	01 15 33.0 -0.3
CMB	Columbia Cole		eP	P	01 15 33.2 -0.1
SAO	San Andreas Ge	31.81 315	↑P	P	01 15 32.7 -0.8
SAO	SAO		eP	P	01 16 02.0 +1.9
SAO	SAO		eP	P	01 20 27.0 -7.9
SAO	SAO		eP	P	01 15 32.7 -0.8
SAO	SAO		eP	P	01 16 02.0 +1.9
SAO	SAO		eP	P	01 20 27.0 -7.9
N09A	Rock Creek Ran	31.82 324	↑P	P	01 15 34.4 +1.0
PACP	Pacheco Peak	31.83 313	↑P	P	01 15 33.2 -0.5
QLMT	Earthquake Lak	31.91 336	eP	P	01 15 35.5 +1.4
HRV	Adam Dziewiosk	31.92 32	eP	P	01 15 33.6 -0.7
HRV	HRV		eP	P	01 16 02.3 +1.3
HRV	HRV		eP	P	01 16 47.5 -1.3
HRV	HRV		eP	P	01 18 22.9 +1.1
HRV	HRV		eP	P	01 15 33.7 -0.6
HRV	HRV		eP	P	01 16 02.3 +1.3
HRV	HRV		eP	P	01 18 23.0
J13A	Cove Ranch, Pi	31.94 331	↑P	P	01 15 34.7 +0.2
WES	Weston	31.95 32	P	P	01 16 04.3 +3.1
WES	Weston		P	P	01 16 46.1 -3.0
R05C	Kirkwood Meado	31.99 319	↑P	P	01 15 35.8 +0.9
GCMT	Greycliff	32.06 339	eP	P	01 15 35.9 +0.4
GCMT	GCMT		eP	P	01 1

6d 1h

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like GUD, PAB, EADA, ESDC, etc.

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

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

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Table with columns: Station Name, Frequency, Power, Class, Direction, Azimuth, Elevation, etc. Includes stations like Kevo, Chapelle, Grafenberg, etc.

Table with columns: Station Name, Frequency, Power, Class, Direction, Azimuth, Elevation, etc. Includes stations like Sospel, Saorge, Moxa, etc.

Table with columns: Station Name, Frequency, Power, Class, Direction, Azimuth, Elevation, etc. Includes stations like CLL, PET, TANN, etc.

YAK	Yakutsk	94.52	341	eP	P	01 22 26.0	-0.8
YAK	Yakutsk	94.52	341	eP	P	01 22 26.5	-0.2
YAK	Yakutsk	94.52	341	eP	P	01 22 26.5	-0.2
comp-Z,36nm,1.1s,mb5.7							
BZS	Buzias	94.80	40	P	P	01 22 29.1	+0.8
BZS	Buzias	94.80	40	P	P	01 22 28.2	-0.2
DRGR		94.87	38	P	P	01 22 29.1	+0.5
DRGR		94.87	38	P	P	01 22 28.0	-0.7
BURAR	Bucovina Array	95.90	37	P	P	01 22 33.8	+0.4
BURAR	Bucovina Array	95.90	37	P	P	01 22 33.0	+0.5
AKASG	Malin Array B	96.35	33	P	P	01 22 32.8	-2.6
comp-Z,4.2nm,0.6s,mb5.0,baz=288,slow=3.8,SNR=29							
AKASG						01 23 02.8	-4.1
comp-Z,2.9nm,0.7s,baz=282,slow=4.3,SNR=3.1							
AKASG						01 26 29.6	-0.1
comp-Z,0.3nm,0.3s,baz=200,slow=9.6,SNR=5.6							
AKASG						01 39 16.9	-4.7
comp-Z,1.5nm,0.7s,baz=106,slow=2.0,SNR=9.4							
AKASG						02 06 18.9	
comp-Z,1.1um,20.5s,baz=290,slow=35							
AKKB	Malin Array Si	96.35	33	eP	P	01 22 33.6	-1.7
AKKB						01 23 04.1	-2.8
OHR	Ohrid	96.46	44	eP	P	01 22 35.0	-1.0
SKO	Skojpe	96.46	43	eP	P	01 22 35.7	-0.4
KRUS	Krusevo	96.63	43	eP	P	01 22 36.1	-0.7
BIA	Bitola	96.85	44	eP	P	01 22 36.1	-1.7
VOIR		96.96	39	P	P	01 22 38.9	+0.7
VOIR		96.96	39	P	P	01 22 37.7	-0.5
OBN	Obninsk	97.02	26	eP	P	01 22 37.9	-0.4
comp-Z,437nm,1.9s,mb5.6,SNR=11							
OBninsk		97.02	26	eP	P	01 22 37.0	-1.3
comp-Z,397nm,1.8s,mb5.5							
OBN						01 23 07.6	-2.3
OBN	Obninsk	97.02	26	eP	P	01 22 36.7	-1.6
OBN						01 23 08.1	-1.7
OBN						01 23 34.8	
OBN						01 33 05.0	
OBN						01 33 49.8	-0.7
OBN						01 40 40.0	+1.2
comp-Z,209nm,1.8s,mb6.3							
OBN							
comp-Z,1.1um,18.0s							
MOS	Moscow	97.04	25	eP	P	01 22 36.3	-2.0
MOS						01 26 35.6	
MOS						01 33 03.3	
MOS						01 33 50.7	+0.1
comp-Z,500nm,2.3s,mb6.5							
MOS							
comp-Z,179nm,1.6s,mb6.2							
MOS							
comp-Z,700nm,17.0s							
STIP	Stip	97.09	43	eP	P	01 22 37.0	-1.8
VTS	Vitosh	97.30	42	eP	P	01 27 05.1	-9.3
MLR	Muntele Rosu	97.47	38	P	P	01 22 39.4	-1.1
comp-Z,31nm,1.2s,mb5.6,baz=314,slow=3.1,SNR=20							
MLR						01 23 09.7	-2.4
comp-Z,21nm,0.9s,baz=343,slow=6.0,SNR=6.3							
MLR						01 22 41.1	+0.6
MLR	Muntele Rosu	97.47	38	P	P	01 22 40.2	-0.3
VAY	Valandovo	97.52	43	eP	P	01 22 37.9	-2.9
KKB	Krupnik	97.58	42	eP	P	01 27 08.5	-6.4
PGB	Panagyurishte	97.93	41	P	P	01 27 08.5	-7.0
MMB	Musagyizhites	98.14	42	eP	P	01 27 12.6	-3.3
KIS	Kishinev	98.28	36	eP	P	01 22 40.0	-4.1
KIS						01 23 13.0	-2.7
KIS						01 33 08.0	-2.7
KIS						01 35 30.0	-1.1
comp-Z,200nm,1.4s,mb6.5							
KIS							
comp-Z,400nm,4.0s							
KIS	Kishinev	98.28	36	eP	P	01 22 40.0	-4.1
comp-Z,200nm,1.4s,mb6.5							
KIS						01 23 13.0	-2.7
KIS	Kishinev	98.28	36	eP	P	01 27 17.0	+3.2
KIS	Kishinev	98.28	36	eP	PS	01 35 30.0	-1.1
KIS						02 03 05.0	
comp-Z,700nm,20.0s							
RZN	Rozhen	98.72	42	P	PKIKP	01 27 16.3	-0.7
YSS	Yuzh-Sakhalins	99.06	325	eP	P	01 22 46.1	-1.5
YSS	Yuzh-Sakhalins	99.06	325	eP	P	01 22 44.0	-3.6
YSS						01 26 48.0	
YSS						01 34 03.0	-5.1
YSS						01 40 51.0	-6.4
comp-N,400nm,19.0s							
YSS							
comp-Z,400nm,19.0s							
YSS							
comp-E,500nm,20.0s							
TIRR	Tirgusor	99.50	38	P	P	01 22 49.6	+0.3
TIRR	Tirgusor	99.50	38	P	P	01 22 49.6	+0.2
PSN	Preseleentsi	99.80	39	P	PKIKP	01 27 19.3	+0.5
VRSR	Storozhevoye	100.85	28	eP	P	01 26 59.4	-1.0
VRSR						01 26 59.3	
VRSR						01 33 21.2	
VRSR						01 34 15.1	-7.7
VRSR						01 35 48.3	-4.6
comp-Z,10.0nm,2.1s							
VRSR							
comp-N,7.0nm,1.4s							
VRSR							
comp-E,6.4nm,1.2s							
VRHR	Novokhopersk	102.02	27	eP	P	01 23 00.3	-0.3
VRHR						01 33 28.3	
VRHR						01 34 25.3	-7.2
comp-Z,30nm,0.9s							
VRHR							
comp-N,10.0nm,0.5s							
VRHR							
comp-E,20nm,1.2s							
VRHR							
comp-E,260nm,4.3s							
VRHR							
comp-Z,60nm,3.1s							
VRHR							
comp-N,220nm,1.9s							
BOD	Bodaibo	102.41	345	eP	P	01 23 00.2	-2.1
BOD						01 23 25.6	
comp-Z,5.0nm,1.5s							
BOD							
comp-Z,11nm,1.2s							
SIM	Simferopol'	102.47	35	P	P	01 23 03.1	+0.5
SIM						01 33 31.0	
SIM						01 34 26.0	-1.0
SIM						01 36 10.0	-16
ARU	Arti	103.56	16	eP	P	01 23 06.7	-0.8
comp-Z,14nm,1.1s							
ARU	Arti	103.56	16	P	P	01 23 06.0	-1.4
ARU						01 33 36.0	
ARU						01 36 17.5	-3.6
VNA1	Neumayer-Stat	103.98	160	eP	P	01 23 07.6	-1.7
VNA1						01 23 39.4	
VNA1						01 23 49.0	
SNA4	Sanae	105.86	161	eP	P	01 23 15.6	-2.1
SNA4						01 23 46.4	
SNA4						01 23 56.2	
SNA4						01 27 39.1	
SNA4	Sanae	105.86	161	PKKPbc	PKKPbc	01 38 51.5	-3.7
comp-Z,0.9nm,1.0s,baz=65,slow=4.3,SNR=3.7							
SNA4						01 39 08.5	+0.2
comp-Z,1.3nm,1.1s,baz=118,slow=8.7,SNR=9.7							
QSPA	South Pole Qui	106.55	180	eP	P	01 23 19.7	-1.0
comp-Z,7.5nm,0.9s							
KIV	Kislovodsk	107.66	32	P	P	01 23 26.4	+0.7
KIV						01 22 32.0	
KIV						01 33 55.2	
KIV						01 37 10.1	-1.0
KIV						01 42 56.9	+1.4
comp-Z,12nm,1.6s							
MJAR	Matsushiro Arr	108.03	318	P	P	01 23 57.6	
comp-Z,0.5nm,0.3s,baz=315,slow=2.5,SNR=4.4							
MJAR						01 27 57.2	-0.5
comp-Z,1.4nm,0.7s,baz=27,slow=6.3,SNR=4.3							
MJAR						01 38 45.9	-1.3
comp-Z,1.9nm,0.6s,baz=242,slow=5.5,SNR=7.8							
MJAR						01 38 59.9	-2.6
comp-Z,0.8nm,0.4s,baz=226,slow=6.1,SNR=6.0							

AKTK	Aktyubinsk	108.70	19	P	P	01 23 30.4	+0.1
AKTK						01 28 01.9	+0.1
AKTK						01 38 41.6	-4.1
AKTK						01 38 53.6	-6.3
AKTK						01 23 30.4	+0.1
comp-Z,1.8nm,0.8s,baz=339,slow=5.0,SNR=11							
AKTO						01 28 01.9	+0.1
comp-Z,4.2nm,0.6s,baz=26,slow=5.6,SNR=3.6							
AKTO						01 38 41.6	-4.1
comp-Z,1.8nm,0.9s,baz=177,slow=3.7,SNR=4.0							
AKTO						01 38 53.6	-6.3
comp-Z,1.5nm,1.2s,baz=152,slow=5.5,SNR=12							
AKTO						01 23 30.4	+0.1
AKTO						01 28 01.9	
comp-Z,2.0nm,0.8s							
ONI	Oni	109.04	32	eP	PKIKP	01 27 11.9	-2.4
MALT	Malatya	109.20	38	P	PKIKP	01 27 34.5	-1.8
MALT						01 28 07.0	+1.0
BRVK	Borovoye	109.22	10	eP	PKIKP	01 23 32.0	-0.6
BRVK						01 27 35.2	-0.7
VNDA	Vanda	109.27	193	PKIKP	PKIKP	0	

Philippine Islands region										
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC
KRSR	Korea Array	18.28	13	P	Op	Pn	03	28	50.6	-0.9
Warrungu Ar 41.02 163 P										
WR	Warrungu Ar	41.02	163	P	Op	Pn	03	32	21.2	-0.3
1.0m,0.7s,baz=342,slow=8.9,SNR=6.7										
MKAR	Makanchi Array	42.55	31	P	Op	Pn	03	32	34.0	+0.2
0.4m,0.6s,baz=112,slow=1.5,SNR=3.6										
ASAR	Alice Springs	44.47	165	P	Op	Pn	03	32	49.7	+0.2
0.4m,0.4s,baz=342,slow=7.0,SNR=10										

IDC 06 03:27:11.6:1.1,5539S:2835W,h0km,mb3.9/3,
mb1 4.1/3,mb1mx3.8/16,mb1mp3.9/3,MS3.8/3,Ms1 3.7/3,
ms1mx3.3/18,Error ellipse: s-maj=44.6km

South Sandwich Islands region										
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC
PLCA	Paso Flores	31.24	280	LR	Op	Pn	04	23	58	+2.8
comp=Z,1.55nm,18.0s,baz=183,slow=33										
MAW	Mawson	41.08	144	LR	Op	Pn	03	49	15.9	
comp=Z,1.02nm,20.9s,baz=289,slow=22										
BOSA	Goshow	46.46	78	LR	Op	Pn	03	50	39.1	
comp=Z,1.37nm,19.3s,baz=23,slow=30										
VNDA	Vanda	47.21	183	P	Op	Pn	03	35	45.5	+0.1
1.1m,0.7s,baz=188,slow=5.6,SNR=12										
LPZA	La Paz	46.46	78	LR	Op	Pn	03	36	03.9	+0.6
1.6m,0.9s,baz=141,slow=5.6,SNR=8.8										
TORD	Torodi Ar. Bea	72.81	31	P	Op	Pn	03	38	42.1	+0.3
0.8m,0.6s,baz=200,slow=4.6,SNR=18										
SONM	Songino Array	151.36	66	PKPbc	Op	Pn	03	47	05.4	-0.7
0.8m,0.7s,baz=229,slow=3.2,SNR=4.1										

IDC 06 03:37:32.2:3.1,3579N:7141E,h0km,mb3.7/5,mb1 3.8/8,
mb1mx3.6/26,mb1mp3.7/8,ML3.8/3,Error ellipse:
s-maj=64.2km s-min=27.8km az=136.0
BUJ 06 03:37:45.2,3630N:7150E,h126km,mb4.4,mb4.5
ISCJB 06 03:37:46.2:0.4,3641N:003:7144E:006,h138km,6km,
mb4.0/9,Error ellipse: s-maj=8.7km s-min=4.3km
az=177.2
NEIC 06 03:37:47.3:1.4,3635N:7150E,h112km,13km,mb4.3/6,
Error ellipse: s-maj=37.3km s-min=11.1km az=128.0
NNC 06 03:37:51.2:4.9,3678N:7102E,h114km,57km,mb3.2,
mpv4.4,Error ellipse: s-maj=38.2km s-min=2.7km az=3.0
ISC 06 03:37:47.4:0.4,3640N:003:7146E:006,h128km,6km,
h157km,2.5km;pp-P,n49,ø171/64,mb4.0/9,7C-3D,

Afghanistan-Tajikistan border region										
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC
CEP	Cherat	2.59	172	Op	Op	Pn	03	39	20.0	+0.3
CEP	Cherat	2.59	172	Op	Op	Pn	03	39	20.0	+0.6
KBL	Kabul	2.71	228	ePn	Op	Pn	03	38	30.1	0.0
KBL	Kabul	2.71	228	ePn	Op	Pn	03	39	00.9	-2.1
CHCP	Chirah Chowk	3.11	151	P	Op	Pn	03	38	36.7	+1.4
THW	Thamme Wail	3.60	176	P	Op	Pn	03	38	41.9	+0.1
SARP	Sargodha	4.58	167	P	Op	Pn	03	38	55.8	+0.8
THN	Thein Dam	5.29	137	eP	Op	Pn	03	39	03.5	-0.8
THN	Thein Dam	5.29	137	eP	Op	Pn	03	39	04.1	-2.3
AML	Almayashu	5.98	16	ePn	Op	Pn	03	39	14.4	+0.6
47nm,0.4s										
AML	Almayashu	5.98	16	P	Op	Pn	03	39	14.4	+0.8
47nm,0.4s										
UCH	Uchtor	6.29	21	ePn	Op	Pn	03	39	18.6	+1.0
6.2nm,0.7s										
UCH	Uchtor	6.29	21	P	Op	Pn	03	39	18.7	+1.1
SNR=5.8										
KZA	Kyzart	6.39	26	P	Op	Pn	03	39	19.9	+0.9
SNR=12										
EKS2	Eркин-Say	6.51	15	ePn	Op	Pn	03	39	20.9	+0.2
17nm,0.5s										
EKS2	Eркин-Say	6.51	15	P	Op	Pn	03	39	21.3	+0.7
SNR=2.2										
AAK	Ala-Archa	6.66	20	P	Op	Pn	03	39	23.8	+1.2
SNR=14										
SDNR	Sundarnagar	6.69	135	iP	Op	Pn	03	39	23.0	-0.2
SDNR	Sundarnagar	6.69	135	iP	Op	Pn	03	39	23.0	-0.2
KK31	Karatay Array	6.74	354	iP	Op	Pn	03	39	23.0	-0.7
18nm,0.5s,baz=180,slow=13,SNR=262										
KK31	Karatay Array	6.74	354	iP	Op	Pn	03	39	23.0	-0.7
7.7nm,0.5s,baz=178,slow=22,SNR=8.8										
BKB	Karagaybulak	6.81	22	P	Op	Pn	03	39	26.0	+1.3
SNR=6										
CHMS	Chumysh	7.06	20	P	Op	Pn	03	39	28.9	+0.8
SNR=5.6										
USP	Ospenovka	7.25	18	P	Op	Pn	03	39	31.3	+0.7
SNR=5.6										
TKM2	Tokmak 2	7.25	25	iP	Op	Pn	03	39	31.5	+0.8
10nm,0.6s										
TKM2	Tokmak 2	7.25	25	iP	Op	Pn	03	39	31.5	+0.8
2.1nm,0.6s										
TKM2	Tokmak 2	7.25	25	ePn	Op	Pn	03	39	31.6	+0.7
16nm,0.7s										
TKM2	Tokmak 2	7.25	25	P	Op	Pn	03	39	31.6	+1.0
SNR=18										
KLP	Kaipa	7.44	129	eP	Op	Pn	03	39	34.0	+0.7
KLP	Kaipa	7.44	129	eP	Op	Pn	03	39	34.0	+0.7
JOSI	Joshimath	8.92	128	eS	Op	Pn	03	41	26.0	-6.0
JOSI	Joshimath	8.92	128	eS	Op	Pn	03	41	26.0	-6.0
comp=N,125nm,0.7s										
JOSI	Joshimath	8.92	128	eS	Op	Pn	03	41	26.0	-6.0
comp=E,108nm,0.3s										
KUDL	Kundal	9.26	151	eS	Op	Pn	03	41	34.2	-6.0
MKAR	Makanchi Array	13.16	35	Pn	Op	Pn	03	40	49.9	+0.7
MKAR	Makanchi Array	13.16	35	Pn	Op	Pn	03	40	49.9	+0.7
comp=E,0.1nm,0.3s,baz=218,slow=11,SNR=3.0										
WMQ	Urumqi	14.45	54	eP	Op	Pn	03	41	07.4	+1.7
KURK	Kurchatov	15.21	18	P	Op	Pn	03	41	14.1	-1.1
comp=E,2.6nm,0.8s										
AB31	Akbulak array	15.36	330	iP	Op	Pn	03	41	14.9	-2.0
comp=E,1.1nm,0.3s,baz=153,slow=12,SNR=7.9										
AB31	Akbulak array	15.36	330	iP	Op	Pn	03	41	14.9	-2.0
comp=E,1.6nm,0.5s,baz=152,slow=24,SNR=3.9										
VOSK	Vostochnaya	16.33	359	iP	Op	Pn	03	41	27.5	-1.4
comp=E,3.7nm,1.1s										
ZRNC	Zerenda	16.64	355	iP	Op	Pn	03	41	33.4	+0.6
comp=E,2.6nm,1.1s										
BVA0	Borovoye Array	16.64	358	iP	Op	Pn	03	41	33.3	+0.5
comp=E,0.3nm,0.8s,baz=132,slow=10,SNR=16										
BVA0	Borovoye Array	16.64	358	iP	Op	Pn	03	41	33.4	+0.6
comp=E,0.4nm,0.3s,baz=170,slow=11,SNR=13										
BRVK	Borovoye	16.68	358	eP	Op	Pn	03	41	31.0	-2.3
comp=E,2.4nm,0.6s										
AKTK	Aktyubinsk	17.06	330	P	Op	Pn	03	41	37.9	0.0
AKTK	Aktyubinsk	17.06	330	P	Op	Pn	03	41	37.6	-1.0
AKTO	Aktyubinsk	17.06	330	iP	Op	Pn	03	41	37.4	-0.5
AKTO	Aktyubinsk	17.06	330	iP	Op	Pn	03	41	37.9	0.0
comp=E,0.5nm,0.3s,baz=142,slow=14,SNR=7.9										
AKTO	Aktyubinsk	17.06	330	P	Op	Pn	03	41	37.6	-1.0
comp=E,0.2nm,0.3s,baz=28,slow=20,SNR=4.5										
ZALV	Zalesovo Beam	19.86	24	P	Op	Pn	03	42	09.4	+1.4
comp=E,2.9nm,0.3s,baz=219,slow=10,SNR=8.3										
CD2	Chengdu	27.36	92	eP	Op	Pn	03	43	20.9	+0.5
CD2	Chengdu	27.36	92	eP	Op	Pn	03	43	51.9	+4.1
CD2	Chengdu	27.36	92	eP	Op	Pn	03	44	12.9	+1.0
comp=Z,10.0nm,0.8s,mb4.4										
CD2	Chengdu	27.36	92	eP	Op	Pn	03	43	20.9	+0.5
comp=Z,2.0nm,4.8s										
KMI	Kunming	29.01	104	P	Op	Pn	03	43	35.3	+0.1
KMI	Kunming	29.01	104	P	Op	Pn	03	43	35.3	+0.1
comp=Z,4.0nm,1.1s,mb4.0										
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	43	55.1	-1.4
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	44	28.8	+4.6
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	44	47.8	+8.8
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	45	05.7	-4.2
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	44	33.4	-3.1
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	49	50.3	+6.6
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	49	50.7	+7.4
HHC	Hu-ho-hao-te	31.45	69	eP	Op	Pn	03	50	10.7	-7.2
HHC	Hu-ho-hao-te</									

Table with columns: Code, Station Name, Mindanao, A° AZ', Phase ID, Time Res, ISC. Includes stations like BUTP Butuan, BUKP Musuan.

ISCJB 06 05:24:44.2, 0.7, 3628N, 003.1070W, 0.05, h10km, Error ellipse: s-maj=5.8km s-min=4.7km az=149.2
CNRM 06 05:24:44.1, 3607N, 1103W, h30km, MD3.6
CSEM 06 05:24:45.2, 0.3, 3594N, 1048W, h10km, ML4.0/11, Error ellipse: s-maj=6.2km s-min=2.9km az=72.0
NEIC 06 05:24:45.4, 3646N, 1098W, h0km, MG4.2(MDD), After MDD.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like Vila Bisbo, Sao Teotonio.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like Barranco-do-Ve, Sao Teotonio.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like Beja, Matra.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EGRO El Granado, MOC Montemor, EVO Evora.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like ALMR Almeirim, PBAR Barrancos.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EMIN Mina Concepcio, PESTR Estremoz.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like PTOM Tomar, EBAD Badajoz.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like ESPR Espera, PMRV Marv??o.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like AVE Averroes, JIJIF Jimena Fronter, PCBR Castelo Branco.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like MTE, EMIJ Mijas, EMUJ, PVIS Viseu.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like CIA Chiacoua, EADA Adamuz, ELUO Luque.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like MIF Mishlifen, PVRL Vila Real, MVO Moncorvo.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like PCAB Cabril, TZK Tazeka, ELOB Lobos.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EQUER Quentara, PBRR Braganca, EQES Quesada.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EQES Quesada, ESDC Sonseca Array, EBER Berja.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EBER Berja, ECAL Calabar, ECAL Calabar.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EHUE Huescar, GUD Guadarrama, GUD Guadarrama.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like EPON Pontenova, EMAZ Mazarcos, STS Santiago.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like ZFT ZFT, EVIA Vianos, EPON Pontenova.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like VLS, EVR Evrytania, KFL Annineta, AGG Agios Georgios.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, KURBB Kurchatov.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like MK31 Makanchi Array, MK31, VOSK Vostochnaya, ZRNK Zerenada.

WEL 06 05:59:58.9, 0.7, 4544S, 16659E, h5km, ML3.6/9, Error ellipse: s-maj=6.3km s-min=3.6km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like DCZ Deep Cove, PYZ Puysegur Point, WKZ Wether Hill.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like APZ The Paps, EAZ Earnscleugh, SUZ Scrubby Hill.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like AFJ Afiamalo, AFI Stephens Creek, RAR Rarotonga.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like RAR Rarotonga, URZ Urewera, PAE Paea.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like PPT Paapeete, TBI Tubuaui, RPZ Rata Peaks.

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

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr.

THE 06 05:42:19.4, 3942N, 2021E, h1km, ML2.0
ISCJB 06 05:42:22.0, 0.6, 3933N, 003.2040E, 0.06, h10km, Error ellipse: s-maj=7.0km s-min=3.7km az=170.3
CSEM 06 05:42:21.7, 0.2, 3944N, 2036E, h20km, ML2.0, Error ellipse: s-maj=5.7km s-min=4.1km az=92.0

ATH 06 05:42:22.2, 3938N, 2027E, h46km, 11km, MD3.3/4
NEIC 06 05:42:22.2, 3938N, 2027E, h46km, MD3.3(ATH), After ATH.

ISC 06 05:42:22.3, 0.6, 3929N, 003.2034E, 0.07, h15km, 9km, n15, c1515/22, Greece-Albania border region

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like IGT Igoumenitsa, IGT Igoumenitsa, JAN Janina.

ISCJB 06 06:20:36.3, 2.1, 1809S, 009.17463W, 0.09, h53km, 20km, mb4.5/18, MS3.2/2, Error ellipse: s-maj=15.7km s-min=14.1km az=140.3

NEIC 06 06:20:38.6, 1.0, 1807S, 17460W, h60km, 10km, mb4.8/5, Error ellipse: s-maj=8.6km s-min=7.4km az=153.0
IDC 06 06:20:38.9, 3.1, 1810S, 17456W, h62km, 29km, mb4.0/12, mb1.4/2.1, mb1mx2.2/20, mbtmp4.1/14, ML3.5/2, MS3.3/3, Ms1.3/3, ms1mx2.2/35, Error ellipse: s-maj=19.9km s-min=15.1km az=118.0

ISC 06 06:20:38.5, 1.7, 1809S, 009.17460W, 0.09, h57km, 18km, n31, c0844/24, mb4.5/18, MS3.2/2, 1D, Tonga Islands

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like AFJ Afiamalo, AFI Stephens Creek, RAR Rarotonga.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like RAR Rarotonga, URZ Urewera, PAE Paea.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like PPT Paapeete, TBI Tubuaui, RPZ Rata Peaks.

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

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like ASAR Alice Springs, KAKA Kakaui, FITZ Fitzroy Cross.

ISCJB 06 06:57:24.3, 0.8, 5142N, 004.1611E, 0.04, h0km, Error ellipse: s-maj=5.8km s-min=3.4km az=26.9
WAR 06 06:57:26.4, 5145N, 1618E, ML2.6, Mining Induced
PRU 06 06:57:27.8, 5136N, 1611E, h0km
ISC 06 06:57:24.8, 0.8, 5148N, 003.1617E, 0.05, h0km, n15, c1902/26, 1C-10, Poland

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, UPC Upice.

Table with columns: Code, Station Name, Azores, A° AZ', Phase ID, Time Res, ISC. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL, KKC, MOX, MODS, CONA, BSD, STHS.

NNC 06 07:06:27.6:1.2, 431N:77.26E, h0km, mb3.0, mpv3.1, Error ellipse: s-maj=9.6km s-min=6.7km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNDC, TKM2, ULHL, KBK, CHMS, USP, UCH, EKS, AML, MK31, MK31, KURBB, KURB, KURK.

CSEM 06 07:19:48.8, 3541N:2771E, h19km, MD3.7/8, After ATH

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP, ARG, NPS, XRY, SMG, APE, VAM, VLI.

KRSC 06 07:59:26.6:0.2, 5016N:15815E, h47km, 47km, ML3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALID, RUS, MIPIR, GRL, PET, NLC, AVH, SPN, GNL, MKZ, KBTR.

TEH 06 08:13:18.3, 3734N:4503E, h10km, ML3.6

CSEM 06 08:13:57.5:0.1, 3724N:4523E, h2km, ML3.6, Error ellipse: s-maj=2.8km s-min=1.7km az=141.0

ISCJB 06 08:13:58.6:0.5, 3732N:003.45:15E:003, h10km, Error ellipse: s-maj=4.8km s-min=3.4km az=176.1

ISC 06 08:14:03.7, 3727N:44.7E, h5km, MD3.4

ISC 06 08:13:59.6:0.5, 3732N:003.45:17E:003, h10km, n20, a119N/28, Northwestern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IAZR, ISHB, HKR, HAKT, ITBZ, IBST, IMRD, IHRS, VANT, TVAN, MSL, MSB, ISRB, CLDR, STHS, IDHR.

Table with columns: IDHR, IGHH, IGHD, MARD, Sn, Pn, Time, Res, ISC. Includes stations like Ghaleghazi, Mardin.

ISCJB 06 08:33:11.4:2.5, 522N:02:1699W:02, h46km, 19km, mb3.8/5, Error ellipse: s-maj=33.8km s-min=16.4km az=177.1

NEIC 06 08:33:12.7, 5224N:16977W, h6km, ML3.5(AEIC), After AEIC

IDC 06 08:33:17.3:12.0, 5228N:16994W, h76km, 134km, mb3.5/5, mb1 3.6/6, mb1mx3.4/25, mbtmp3.5/6, Error ellipse: s-maj=92.3km s-min=28.2km az=20.0

ISC 06 08:33:12.8:2.3, 5222N:02:1699W:02, h38km, 18km, n12, a052/13, mb3.8/5, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIKO, UNV, UNV, AKUT, FALS, SPIA, SDPT, PETK, TXAR, ARCES, BVAR, MKAR, FINES.

NIED 06 08:38:00, 3360N:14090E, h53km, Mw3.7 Best double couple: Mo:4.60000e+10, NP1:3e312.00000e, s84.00000e, lambda:67.00000e, NP2:2e208.00000e, s24.00000e, lambda:165.00000e

ISCJB 06 08:38:32.9:0.8, 3355N:004:14098E:007, h68km, 10km, mb3.5/2, Error ellipse: s-maj=10.4km s-min=6.2km az=172.9

JMA 06 08:38:34.0:0.1, 3359N:14092E, h65km, 4km, M3.7

IDC 06 08:38:34.5:2.8, 3355N:14091E, h60km, 26km, mb3.2/2, mb1 3.6/4, mb1mx3.3/22, mbtmp3.6/4, ML4.1/2, Error ellipse: s-maj=35.0km s-min=11.8km az=85.0

ISC 06 08:38:34.1:0.8, 3355N:004:14098E:007, h54km, 12km, n17, a072/28, mb3.5/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ2, JHJ, BSO1, BSO3, BSO4, JKO, JIM2, JIM2, JIZS, JOD2, TK04, JYN, JRY, MJAR, MJAR, MAT, MAT, CBIJ, WRA, ASAR.

IDC 06 08:58:35.0:27.0, 1727S:17923W, h550km, 330km, mb3.1/5, mb1 3.4/5, mb1mx3.1/17, mbtmp3.1/5, Error ellipse: s-maj=223.3km s-min=68.0km az=143.0, Fiji Islands region

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

IDC 06 09:05:19.8:2.0, 1953S:6940W, h115km, 18km, mb3.5/3, mb1 3.6/6, mb1mx3.4/19, mbtmp3.4/6, Error ellipse: s-maj=35.1km s-min=16.6km az=95.0, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC, LPAZ, SIP, CIV, BDBF, YKA, WRA.

IDC 06 09:32:27.9:3.8, 874S:11800E, h128km, 33km, mb3.5/2, mb1 3.7/6, mb1mx3.4/21, mbtmp3.6/6, Error ellipse: s-maj=53.4km s-min=25.1km az=87.0

ISCJB 06 09:32:31.0:1.9, 875S:01:1185E:01, h130km, 19km, Error ellipse: s-maj=26.1km s-min=13.0km az=148.3

DJA 06 09:32:30, 827S:11825E, h121km, ML4.1/2

ISC 06 09:32:34.2:1.8, 86S:01:1187E:02, h158km, 16km, n9, a1542/17, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI, BATI, BATI, FITZ, FITZ, FITZ.

Table with columns: KAKA, WRA, WRA, WRA, ASAR, STKA, Time, Res, ISC. Includes stations like Kakadu, Warramunga Arr, Alice Springs, Stephens Creek.

IDC 06 09:45:15:46.0, 1591S:17387W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/16, mbtmp3.9/3, Error ellipse: s-maj=885.2km s-min=169.6km az=79.0, Tonga Islands

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

NNC 06 09:57:20.1:3.8, 4014N:7053E, h0km, mb3.8, mpv3.4, 4C-1D, Error ellipse: s-maj=29.9km s-min=23.5km az=24.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, TKM2, AB31, AB31.

ISCJB 06 10:23:30.0:0.6, 3771N:003:2939E:003, h4km, 6km, Error ellipse: s-maj=4.8km s-min=4.4km az=27.7

CSEM 06 10:23:29.8:0.1, 3774N:2935E, h5km, MD3.0, Error ellipse: s-maj=2.9km s-min=2.0km az=21.0

ISK 06 10:23:30.1, 3778N:2936E, h20km, MD3.0

DDA 06 10:23:31.1, 3778N:2942E, h7km, 6km, MD3.0

ISC 06 10:23:30.7:0.5, 3771N:003:2938E:003, h13km, 6km, n16, a1908/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DENT, DENT, KHAL, KHAL, TKTP, TKTP, ISP, ISP, KULA, KULA, BCK, BCK, MANT, MANT, YER, YER, ELL, ELL, DALT, DALT, SHUT, SHUT, MLBS, MLBS, GDZ, GDZ, DEMI, DEMI, AKAS, AKAS.

GII 06 10:43:52.3:1.3, 3370N:3590E, h0km, ML2.0/2, EXPLOSION

ISCJB 06 10:43:53.6:0.9, 3361N:003:3603E:009, h0km, Error ellipse: s-maj=11.4km s-min=4.4km az=13.5

CSEM 06 10:43:53.7, 3351N:3570E, h18km, ML2.6, After GRAL

GRAL 06 10:43:53.7:0.5, 3351N:3570E, h19km, 6km, MD2.6

ISC 06 10:43:54.0:0.9, 3361N:003:3601E:010, h0km, n14, a1505/23, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCY, RCY, HRI, HRI, BHL, BHL, KSDI, KSDI, SHST, SHST, HWQ, HWQ, MMB1, MMB1, MMB2, MMB2, MMB3, MMB3, MMB4, MMB4, MML1, MML1, HMDT, HMDT, DSI, DSI.

IDC 06 10:45:00.6:1.2, 2073S:16817E, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/14, mbtmp3.5/2, MS3.3/1, Ms1 3.3/1, mb1mx2.7/17, Error ellipse: s-maj=239.6km s-min=55.6km az=149.0, Loyalty Islands

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

NNC 06 10:56:00.5:3.9, 5425N:8628E, h7km, 23km, mb3.6, mpv3.1, 7C-6D, Error ellipse: s-maj=26.9km s-min=22.5km az=70.0, Southwestern Siberia

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

6d 16h

Table of meteorological data for stations in the 6d 16h region, including Isabella, Petk, Columbia, and others.

2007 JUL

Main table of meteorological data for stations in the 2007 JUL region, including KAF, FIA1, FINES, and others.

180

Table of meteorological data for stations in the 180 region, including MSZ, TUZ, MLZ, and others.

X14A	baz=76	76.02	47	↑P	P	17 52 37.5	-0.2
Q10A	Clear Creek Ra	76.02	42	↑P	P	17 52 37.5	0.0
K06A	Valley Falls	76.04	37	↑+2	P	17 52 37.7	+0.2
N08A	GE Springer Mi	76.07	40	↑P	P	17 52 38.1	+0.3
L07A	Adell	76.09	38	↑P	P	17 52 38.2	+0.3
Y15A	Casa Rosa Ranch	76.14	48	↑P	P	17 52 38.6	+0.2
H04A	Detroit Lake	76.15	34	↑P	P	17 52 37.7	-0.5
217A	Green Valley	76.16	51	↑P	P	17 52 38.7	+0.2
YHNB	Yeheng	76.21	301	eP	P	17 52 38.8	-0.1
TATO	Taipei	76.25	301	PFAKE		17 52 50.0	+11
TATO				LR	LR		
W14A	Seligman	76.27	47	↑P	P	17 52 39.6	+0.5
R11A	Troy Canyon, C	76.28	43	↑P	P	17 52 38.9	-0.1
O09A	Fish Creek Ran	76.29	40	↑P	P	17 52 39.0	0.0
U13A	Pakoon Wash	76.30	45	↑P	P	17 52 39.7	+0.5
M08A	Happy Creek Ra	76.32	39	↑P	P	17 52 39.4	+0.2
I05A	Bend	76.32	35	↑P	P	17 52 39.5	+0.4
G04A	Mulino	76.33	34	↑P	P	17 52 39.4	+0.2
S12A	Delamar Landin	76.35	44	↑P	P	17 52 40.0	+0.6
J06A	Christmas Vall	76.37	37	↑P	P	17 52 39.0	-0.4
BMN	Battle Mountai	76.42	40	eP	P	17 52 39.3	-0.5
BMN				LR	LR		
BMN				pmax	pmax		
BMN				MLR	MLR		
P10A	Eureka	76.43	41	↑P	P	17 52 39.7	-0.2
TUC	Tucson	76.44	50	eP	P	17 52 39.8	-0.3
TUC				LR	LR		
TUC				pmax	pmax		
TUC				MLR	MLR		
V14A	Boquillas Ranc	76.47	46	↑P	P	17 52 40.7	+0.5
Z16A	Peralta Trail,	76.49	49	↑P	P	17 52 40.1	-0.2
X15A	Humboldt	76.49	48	↑P	P	17 52 40.4	+0.1
Q11A	Duckwater	76.51	42	↑P	P	17 52 40.6	+0.3
K07A	Rock Creek Ran	76.55	37	↑P	P	17 52 40.6	+0.1
117A	Oracle	76.61	50	↑P	P	17 52 41.2	+0.2
318A	Bisbee	76.61	51	↑P	P	17 52 41.2	+0.1
E03A	Lebam	76.64	32	↑P	P	17 52 40.7	-0.2
H05A	Madras	76.65	35	↑P	P	17 52 40.9	-0.1
T13A	Saint George	76.66	45	↑P	P	17 52 41.6	+0.4
Y16A	Circle Bar Ran	76.72	48	↑P	P	17 52 41.6	0.0
WV0R	Wild Horse Val	76.75	38	eP	P	17 52 41.6	0.0
WV0R				LR	LR		
WV0R				pmax	pmax		
WV0R				MLR	MLR		
BMW	Boistfort Moun	76.77	33	↑P	P	17 52 42.2	+0.6
I06A	Prineville	76.77	36	↑P	P	17 52 42.3	+0.6
L08A	Fields	76.78	38	↑P	P	17 52 41.7	-0.1
O10A	Cortez Mining,	76.79	41	↑P	P	17 52 41.8	-0.1
MIR	Mirnyy	76.82	204	↑P	P	17 52 45.0	+3.4
MIR				i	i	17 53 00.0	
MIR				pmax	pmax	17 55 52.0	
W15A	Williams	76.82	47	↑P	P	17 52 42.6	+0.4
218A	Dragon	76.83	51	↑P	P	17 52 42.7	+0.4
U14A	Mt Trumbull	76.83	45	↑P	P	17 52 42.8	+0.6
F04A	Amboy	76.84	33	↑P	P	17 52 41.5	-0.5
P11A	Circle Ranch,	76.84	42	↑P	P	17 52 42.0	-0.2
M09A	Marre	76.86	39	↑P	P	17 52 42.6	+0.3
VIPM	Ingram Point	76.90	35	↑P	P	17 52 42.7	+0.5
R12A	Pony Springs,	76.91	43	↑P	P	17 52 42.8	+0.3
D03A	Wishkah Elem.	76.92	32	↑P	P	17 52 43.1	+0.7
J07A	Hines	76.93	37	↑P	P	17 52 42.7	+0.1
S13A	Holt Ranch, En	76.99	44	↑P	P	17 52 43.6	+0.5
X16A	Lo Mia Camp, P	77.02	48	↑P	P	17 52 43.9	+0.6
K08A	Mann Creek Ran	77.02	38	↑P	P	17 52 43.4	+0.3
N10A	Dunphy	77.03	40	↑P	P	17 52 43.3	0.0
NLWA	Neilton Lookou	77.06	32	eP	P	17 52 43.5	+0.4
NLWA				LR	LR		
NLWA				LR	LR		
NLWA				LR	LR		
L09A	Wilkinson Ranc	77.08	39	↑P	P	17 52 43.5	0.0
C03A	Quillayute Air	77.08	31	↑P	P	17 52 44.0	+0.7
Y17A	Roosevelt	77.08	49	↑P	P	17 52 44.0	+0.3
E04A	Onalaska	77.11	33	↑P	P	17 52 43.3	-0.3
319A	Douglas	77.11	52	↑P	P	17 52 44.1	+0.2
Q12A	Willow Creek R	77.15	43	↑P	P	17 52 44.1	+0.2
Z17A	San Carlos Hig	77.16	49	↑P	P	17 52 43.9	-0.2
H06A	Lindquist Farm	77.20	35	↑P	P	17 52 43.9	-0.1
118A	Homack Ranch,	77.21	50	↑P	P	17 52 44.9	+0.5
TDL	Tradedollar La	77.22	33	↑P	P	17 52 44.4	+0.3
V15A	Kaibab Nationa	77.22	46	↑P	P	17 52 45.0	+0.7
T14A	Hurricane	77.24	45	↑P	P	17 52 45.0	+0.5
R13A	O'Grain Ranch,	77.25	44	↑P	P	17 52 45.0	+0.5
I07A	Ize	77.26	36	↑P	P	17 52 44.6	+0.3
W16A	Flagstaff	77.30	47	↑P	P	17 52 45.1	+0.3
CCUT	Cedar City	77.31	44	eP	P	17 52 45.5	+0.6
CCUT				eP	eP	17 55 38.1	-1.5
F05A	White Salmon	77.31	34	↑P	P	17 52 44.7	0.0
P12A	McGill	77.34	42	↑P	P	17 52 45.3	+0.3
G06A	Carlson Farm,	77.35	35	↑P	P	17 52 44.5	-0.4
Z18A	Geromino	77.35	50	↑P	P	17 52 45.8	+0.5
ARUT	Antelope Range	77.39	44	eP	P	17 52 45.5	+0.2
ARUT				e	e	17 52 46.8	+1.8
OBK	Olympics-Boni	77.39	31	↑P	P	17 52 45.3	+0.1
J08A	Circle Bar Ran	77.41	37	↑P	P	17 52 45.3	+0.1
D04A	Dobbs Creek Ra	77.41	32	↑P	P	17 52 46.1	+0.9
KSRS	Korea Array	77.41	315	↑P	P	17 52 46.2	+0.8
219A	White Tail Can	77.43	51	↑P	P	17 52 46.1	+0.4
X17A	Forest Lakes	77.43	48	↑P	P	17 52 46.4	+0.8
U15A	North Rim	77.45	46	↑P	P	17 52 46.5	+0.8
K09A	Rove	77.45	38	↑P	P	17 52 45.6	+0.1
M10A	L.L. Ranch, Tu	77.48	40	↑P	P	17 52 46.0	+0.3
H07A	Lands Inn, Kim	77.54	36	↑P	P	17 52 45.7	-0.3
S14A	Cedar City	77.55	44	↑P	P	17 52 46.7	+0.5
N11A	Elko Archery C	77.57	41	↑P	P	17 52 45.5	-0.8
F06A	Goldendale	77.60	34	↑P	P	17 52 46.2	-0.1
WUAZ	Wupatki	77.62	47	eP	P	17 52 46.7	+0.1
WUAZ				LR	LR		
Q13A	Wheeler Ranch,	77.63	43	↑P	P	17 52 46.4	-0.2
B04A	Port Angeles	77.69	31	↑P	P	17 52 46.9	+0.2
I08A	Drewsey	77.69	37	↑P	P	17 52 46.2	-0.6
T15A	Red Dirt Ranch	77.69	45	↑P	P	17 52 47.4	+0.4
GNW	Green Mountain	77.70	32	↑P	P	17 52 47.7	-0.1
Y18A	Canyon Day Jun	77.71	49	↑P	P	17 52 47.7	+0.5
C04A	Brinnon	77.73	32	↑P	P	17 52 47.3	+0.4
119A	Ashepek Ranch,	77.76	50	↑P	P	17 52 48.1	+0.7
J09A	Fry Pan Ranch,	77.82	38	↑P	P	17 52 47.4	-0.2
L10A	Juniper Basin	77.84	39	↑P	P	17 52 47.8	+0.1
ELK	Elko	77.84	41	eP	P	17 52 47.8	+0.1
ELK				e	e	17 52 58.4	0.0
ELK				LR	LR		
ELK				pP	pP		
ELK				pmax	pmax		
ELK				MLR	MLR		
W17A	Winslow	77.87	48	↑P	P	17 52 48.7	+0.6
D05A	Enumclaw	77.88	33	↑P	P	17 52 48.4	+0.6
M11A	Holland Ranch,	77.89	40	↑P	P	17 52 48.5	+0.5
O12A	Currie	77.89	42	↑P	P	17 52 48.4	+0.4
P13A	Bates Ranch, G	77.91	43	↑P	P	17 52 48.5	+0.4
R14A	James Farms, M	77.94	44	↑P	P	17 52 48.8	+0.5
E06A	Yakima	77.99	34	↑P	P	17 52 48.4	-0.1
K08A	Prace City	78.00	36	↑P	P	17 52 48.5	0.0
H10A	MacKenzie Ranch	78.01	38	↑P	P	17 52 48.8	+0.2
N12A	Clever Valley,	78.03	41	↑P	P	17 52 48.9	+0.1
KSM	Kuching	78.04	275	eP	P	17 52 51.0	+1.5
Z19A	T-Link Ranch,	78.04	50	↑P	P	17 52 49.4	+0.4
S15A	Pangituch	78.05	45	↑P	P	17 52 50.4	+1.4
VLA	Vladivostok	78.07	322	eP	P	17 52 50.2	+1.3
VLA	Vladivostok	78.07	322	eS	S	17 52 49.4	+0.5
VLA				eS	eS	18 02 44.4	+3.8
PGC	Sidney	78.11	31	eP	P	17 52 49.0	0.0
U16A	Tube City	78.11	47	↑P	P	17 52 50.0	+0.6
Q14A	Sevier Lake (B	78.14	43	↑P	P	17 52 49.9	+0.5
X18A	Snowflake	78.14	49	↑P	P	17 52 50.0	+0.4
F07A	Phinny Hill Vi	78.15	35	↑P	P	17 52 49.2	-0.1
I09A	Lost Marbles R	78.20	37	↑P	P	17 52 49.1	-0.6
T16A	Glen Canyon Da	78.28	46	↑P	P	17 52 50.7	+0.4
O13A	Hicks Ranch, I	78.30	42	↑P	P	17 52 50.1	-0.2
INCN	Inchon	78.30	315	eP	P	17 52 51.3	+0.9
INCN				LR	LR		
G08A	Pilot Rock	78.31	35	↑P	P	17 52 50.1	-0.1
L11A	Cat Creek Ranch	78.33	39	↑P	P	17 52 50.7	+0.2
C05A	Toit Reservoir	78.36	32	↑P	P	17 52 50.2	-0.3
Y19A	Nutrisio	78.37	49	↑P	P	17 52 51.8	+1.0
R15A	Junction	78.39	44	↑P	P	17 52 51.5	+0.6
M12A	Wells	78.42	40	↑P	P	17 52 51.1	+0.1
SVW2	Sparrevohn	78.44	8	eP	P	17 52 50.7	+0.1
J10A	Berg Farm, Mel	78.45	38	↑P	P	17 52 50.6	-0.4
D06A	Cle Elum	78.48	33	↑P	P	17 52 50.8	-0.3
K11A	Parker Ranch,	78.50	39	↑P	P	17 52 51.4	0.0
A04A	Legoe Bay, Lum	78.52	31	↑P	P	17 52 51.4	+0.1
B05A	Bryant	78.53	32	↑P	P	17 52 51.1	-0.3
N13A	Wendover, West	78.55	41	↑P	P	17 52 52.0	+0.3
X19A	St. Johns	78.57	49	↑P	P	17 52 52.6	+0.7
W18A	Petrified Fore	78.58	48	↑P	P	17 52 52.0	0.0
MVU	Marysval	78.59	44	PFAKE		17 53 00.0	+8.1
MVU				LR	LR		
P14A	Drum Mountains	78.60	43	↑P	P	17 52 52.3	+0.3
E07A	Sunnyside	78.60	34	↑P	P	17 52 51.8	-0.1
MSU	Marysval	78.61	44	eP	P	17 52 52.6	+0.6
CMW	Cultus Mountai	78.62	32	↑P	P	17 52 52.6	+0.7
OZH	Quanzhou	78.62	300	↑P	P	17 52 52.1	-0.3
OZH				S	S	18 02 53.8	+6.5
H09A	Durkee	78.66	37	↑P	P	17 52 51.9	-0.3
U17A	Shonto	78.67	46	↑P	P	17 52 53.0	+0.6
HAWA	Hanford	78.67	34	eP	P	17 52 52.1	-0.1
HAWA							

CLNS	Chul'man	89.49	331	eP	pP	17 53 57.2	-0.6
CLNS	comp=N,14nm,0.8s			pmax	pmax		
CLNS	comp=E,11nm,0.8s			pmax	pmax		
TGUH	Teguigalpa,Un	89.54	75	PFAKE	LR	17 54 00.0	+12
TGUH	comp=Z,437nm,19.0s,MS4.9			LR	LR		
KSU1	Kansas State U	89.75	49	PFAKE	LR	17 54 00.0	+11
KSU1	comp=Z,828nm,19.0s,MS5.2			LR	LR		
XAN	Xi'an	89.84	306	P	pP	17 53 50.6	+1.4
XAN	comp=Z,23nm,1.8s,mb5.2			AP	AP	17 54 02.5	+2.5
XAN	comp=Z,143nm,5.7s			AMB	AMB		
XAN	comp=N,46nm,21.3s,MS4.3			LR	LR		
XAN	comp=E,100nm,19.4s,MS4.3			LR	LR		
XAN	comp=Z,191nm,20.0s,MS4.5			LR	LR		
HHC	Hu-ho-hao-te	90.27	313	eP	P	17 53 53.3	+2.3
HHC	comp=Z,36nm,1.2s,mb5.6			PP	PP	17 57 29.6	+4.1
HHC	comp=Z,359nm,7.5s			SKS	SKS	18 04 18.8	
HHC	comp=N,220nm,17.1s,MS4.8			S	S	18 04 41.4	-1.5
HHC	comp=E,185nm,13.0s,MS4.8			SS	SS	18 10 44.9	+1.4
HHC	comp=Z,36nm,1.2s,mb5.6			AMB	AMB		
HHC	comp=Z,359nm,7.5s			AMB	AMB		
HHC	comp=N,220nm,17.1s,MS4.8			LR	LR		
HHC	comp=E,185nm,13.0s,MS4.8			LR	LR		
HHC	comp=Z,36nm,1.2s,mb5.6			LR	LR		
YAK	Yakutsk	90.34	337	eP	P	17 53 49.8	-1.1
YAK	comp=Z,16nm,0.8s,mb5.4			LR	LR		
YAK	comp=Z,321nm,22.0s,MS4.7			LR	LR		
YAK	Yakutsk	90.34	337	eP	pmax	17 53 50.1	-0.7
YAK	comp=Z,16nm,1.1s,mb5.3			P	P	17 53 51.2	-1.1
TEIG	Teich	90.43	69	eP	P	17 53 51.2	-1.1
TEIG	comp=Z,107nm,1.4s,mb6.0			LR	LR		
TEIG	comp=Z,383nm,19.0s,MS4.8			LR	LR		
MIAR	Mount Ida	90.45	54	eP	P	17 53 51.4	-0.6
MIAR	comp=Z,33nm,1.7s,mb5.4			LR	LR		
MIAR	comp=Z,486nm,20.0s,MS4.9			LR	LR		
MIAR	Mount Ida	90.45	54	eP	pmax	17 53 51.4	-0.6
MIAR	comp=Z,33nm,1.7s,mb5.4			pmax	pmax		
MIAR	comp=Z,486nm,20.0s,MS4.9			MLR	MLR		
YKA	Yellowknife Ar	90.72	23	P	P	17 53 52.4	-0.2
YKA	comp=Z,486nm,20.0s,MS4.9			LR	LR		
YKA	Yellowknife Ar	90.72	23	P	LR	18 26 44.6	
YKA	comp=Z,11nm,1.1s,mb5.1,baz=233,slow=4.5,SNR=22			LR	LR	18 26 44.6	
YKA	comp=Z,505nm,21.9s,MS4.9,baz=215,slow=30			LR	LR	18 26 44.6	
YKA	Yellowknife Ar	90.72	23	P	P	17 53 52.4	-0.2
YKA	comp=Z,11nm,1.1s			pmax	pmax		
YKA	comp=Z,505nm,21.9s			MLR	MLR		
BTO	Baotou	91.28	312	eP	P	17 53 58.7	+3.0
ECSD	EROS,Sioux Fal	91.44	45	eP	P	17 53 54.2	-2.2
ECSD	comp=Z,20nm,1.3s,mb5.3			P	P	17 53 55.8	-1.4
EFI	East Falkland	91.63	145	eP	P	17 53 50.8	
SYO	Syowa Base	91.76	191	eX	P	17 53 58.4	+0.5
SNA	Sanae	91.86	177	eP	P	17 53 59.8	
SNA	comp=Z,3.9nm,1.1s,mb4.7,baz=221,slow=2.6,SNR=17			e	e	17 54 04.9	
SNA	Sanae	91.86	177	eP	pP	17 54 11.4	+2.7
SNA	comp=Z,3.9nm,1.1s,mb4.7,baz=221,slow=2.6,SNR=17			P	P	17 53 57.8	-0.2
SNA	Sanae	91.86	177	eP	pmax	17 53 57.8	-0.1
SNA	comp=Z,4.0nm,1.1s			pmax	pmax		
NNA	Nana	92.08	103	PFAKE	LR	17 54 10.0	+10
NNA	comp=Z,416nm,20.0s,MS4.9			LR	LR		
VBMS	Vicksburg	92.12	57	PFAKE	LR	17 54 10.0	+10
VBMS	comp=Z,349nm,19.0s,MS4.8			LR	LR		
KMI	Kunming	92.15	295	P	P	17 54 02.5	+2.4
KMI	comp=Z,349nm,19.0s,MS4.8			AP	AP	17 54 13.3	+2.3
KMI	comp=Z,349nm,19.0s,MS4.8			PP	PP	17 54 47.1	+3.3
KMI	comp=Z,349nm,19.0s,MS4.8			SKS	SKS	18 04 31.1	
KMI	comp=Z,349nm,19.0s,MS4.8			S	S	18 04 59.9	-0.8
KMI	comp=Z,349nm,19.0s,MS4.8			SS	SS	18 11 13.4	+2.2
KMI	comp=Z,16nm,2.0s,mb5.0			AMB	AMB		
KMI	comp=Z,247nm,4.9s			AMB	AMB		
KMI	comp=N,270nm,15.5s,MS4.9			LR	LR		
KMI	comp=E,243nm,17.2s,MS4.9			LR	LR		
KMI	comp=Z,343nm,17.5s,MS4.8			LR	LR		
NANT	Nan	92.15	289	IP	P	17 54 02.2	+1.9
NANT	comp=Z,88nm,1.0s,mb6.0			P	P	17 54 03.5	
VNA1	Neumayer-Stat	92.48	175	eP	P	17 54 08.3	
VNA1	comp=Z,88nm,1.0s,mb6.0			e	e	17 54 14.9	+3.3
VNA1	Neumayer-Stat	92.48	175	eP	P	17 54 00.1	-1.1
FFC	Flin Flon	92.53	33	eP	pP	17 54 09.9	-2.0
FFC	comp=Z,41nm,1.5s,mb5.6			e	LR	17 54 00.1	-1.1
FFC	comp=Z,882nm,21.0s,MS5.2			LR	LR	17 54 09.9	-2.1
FFC	Flin Flon	92.53	33	eP	pP	17 54 00.1	-1.1
FFC	comp=Z,41nm,1.5s,mb5.6			e	pmax	17 54 09.9	-2.1
FFC	comp=Z,882nm,21.0s,MS5.2			MLR	MLR		
MAIT	Maitri	92.98	181	eP	P	17 54 02.4	-0.7
CD2	Chengdu	92.99	301	eP	P	17 54 03.2	-0.7
CD2	comp=Z,12nm,0.8s,mb5.3			AP	AP	17 54 16.8	+1.9
CD2	comp=Z,12nm,0.8s,mb5.3			PP	PP	17 57 48.8	+1.6
CD2	comp=Z,12nm,0.8s,mb5.3			SKS	SKS	18 04 31.6	
CD2	comp=Z,12nm,0.8s,mb5.3			S	S	18 05 02.9	-5.0
CD2	comp=Z,12nm,0.8s,mb5.3			SS	SS	18 11 22.0	-1.0
CD2	comp=Z,10.0nm,1.1s,mb5.2			AMB	AMB		
CD2	comp=Z,200nm,6.0s			AMB	AMB		
CD2	comp=N,260nm,14.4s,MS5.0			LR	LR		
CD2	comp=E,290nm,14.2s,MS5.0			LR	LR		
CD2	comp=Z,320nm,14.2s,MS4.9			LR	LR		
HBAR	Harrisburg	93.04	54	eP	P	17 54 04.0	0.0
SCIA	State Center	93.15	47	PFAKE	LR	17 54 20.0	+16
SCIA	comp=Z,620nm,19.0s,MS5.1			LR	LR		
CIT	Chita	93.20	324	eP	P	17 54 05.3	+1.0
EDT	Bhumibol Dam	93.27	287	P	P	17 54 07.5	+2.1
CHRT	Chiangrai	93.28	290	IP	P	17 54 08.0	+2.5
CHRT	comp=Z,124nm,1.0s,mb6.3			P	P	17 54 20.0	+15
CCM	Cathedral Cave	93.36	51	PFAKE	LR	17 54 20.0	+15
CCM	comp=Z,215nm,19.0s,MS4.6			LR	LR		
AGMN	Agassiz Refuge	93.56	41	eP	P	17 54 04.2	-1.9
AGMN	comp=Z,36nm,1.6s,mb5.5			P	P	17 54 14.0	-2.9
AGMN	Chiang Mai Arr	93.66	288	eP	pP	17 54 09.1	+1.9
CMAR	Chiang Mai Arr	93.66	288	eP	P	17 54 07.7	+0.5
CMAR	comp=Z,8.3nm,1.0s,mb5.1,baz=98,slow=2.5,SNR=29			LR	LR	18 32 12.8	
CMAR	Chiang Mai Arr	93.66	288	eP	pmax	17 54 07.7	+0.5
CMAR	comp=Z,152nm,18.4s,MS4.5,baz=100,slow=33			pmax	pmax		
CMAR	Chiang Mai Arr	93.66	288	eP	MLR	17 54 20.0	+15
CMAR	comp=Z,8.0nm,1.0s			MLR	MLR		
CMAR	comp=Z,152nm,18.4s			MLR	MLR		
OXF	Oxford	93.70	55	PFAKE	LR	17 54 20.0	+13

OXF	comp=Z,815nm,19.0s,MS5.2			LR	LR		
CHTO	Chiang Mai	93.75	288	eP	P	17 54 08.8	+1.2
CHTO	comp=Z,26nm,1.4s,mb5.5			LR	LR		
CHTO	Chiang Mai	93.75	288	eP	P	17 54 08.9	+1.2
CHTO	comp=Z,210nm,20.0s,MS4.6			pmax	pmax		
CHTO	comp=Z,26nm,1.4s,mb5.5			MLR	MLR		
OTAV	Otavallo	94.05	91	PFAKE	LR	17 54 20.0	+11
OTAV	comp=Z,248nm,20.0s,MS4.6			LR	LR		
ULM	Lac du Bonnet	94.24	39	eP	P	17 54 07.4	-1.7
ULM	comp=Z,17nm,1.2s,mb5.3			LR	LR		
ULM	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			LR	LR		
ULM	Lac du Bonnet	94.24	39	eP	P	17 54 08.0	-1.2
ULM	comp=Z,17nm,1.2s,mb5.3,baz=239,slow=7.4,SNR=9.4			PP	PP	17 57 52.7	-3.8
ULM	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			LR	LR	18 29 24.7	
ULM	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			LR	LR	18 29 24.7	
LZH	Lanzhou	94.44	306	eP	P	17 54 11.8	+1.4
LZH	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			AP	AP	17 54 24.4	+3.1
LZH	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			PP	PP	17 58 01.4	+3.0
LZH	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			YS	YS	18 05 23.1	+2.7
LZH	comp=Z,2.1nm,0.7s,baz=240,slow=6.8,SNR=4.1			SS	SS	18 11 44.6	+1.1
LZH	comp=Z,47nm,1.4s,mb5.7			AMB	AMB		
LZH	comp=Z,153nm,6.4s			LR	LR		
LZH	comp=E,1.1um,17.6s			LR	LR		
LZH	comp=Z,1.1um,18.7s,MS5.5			LR	LR		
BRAL	Brewton	94.59	59	PFAKE	LR	17 54 20.0	+8.7
BRAL	comp=Z,471nm,19.0s,MS5.0			LR	LR		
PLAL	Pickwick Lake	94.89	55	PFAKE	LR	17 54 20.0	+7.5
PLAL	comp=Z,636nm,20.0s,MS5.2			LR	LR		
BCIP	Isla Barro Col	95.18	82	PFAKE	LR	17 54 30.0	+16
BCIP	comp=Z,349nm,20.0s,MS4.8			LR	LR		
BOD	Bodaibo	95.19	329	eP	pmax	17 54 11.3	-2.0
BOD	comp=Z,6.0nm,1.3s,mb4.9			P	P	17 54 30.0	+15
WVT	Waverly	95.40	54	PFAKE	LR	17 54 30.0	+15
WVT	comp=Z,677nm,19.0s,MS5.1			LR	LR		
TRQA	Torquait	95.42	132	PFAKE	LR	17 54 30.0	+15
TRQA	comp=Z,618nm,19.0s,MS5.1			LR	LR		
HDIL	Hopedale	95.55	49	PFAKE	LR	17 54 30.0	+15
HDIL	comp=Z,780nm,20.0s,MS5.2			LR	LR		
JFWS	Jewell Farm	95.55	47	eP	P	17 54 14.1	-1.3
JFWS	comp=Z,12nm,0.6s,mb5.5			LR	LR		
JFWS	comp=Z,734nm,20.0s,MS5.2			LR	LR		
JFWS	Jewell Farm	95.55	47	eP	pmax	17 54 14.1	-1.3
JFWS	comp=Z,12nm,0.6s,mb5.5			pmax	pmax		
JFWS	comp=Z,734nm,20.0s,MS5.2			MLR	MLR		
LVC	Limon Verde	95.89	116	eP	P	17 54 19.5	+2.0
LVC	comp=Z,44nm,1.6s,mb5.6			LR	LR		
LVC	comp=Z,454nm,21.0s,MS4.9			LR	LR		
SONM	Songino Array	96.11	318	P	P	17 54 18.6	+0.8
SONM	comp=Z,1.0nm,0.7s,mb4.3,baz=45,slow=2.3,SNR=6.9			PP	PP	17 58 07.5	-3.5
SONM	comp=Z,0.3nm,0.3s,baz=124,slow=8.9,SNR=2.9			LR	LR	18 36 03.6	
SONM	comp=Z,1.95nm,18.2s,MS4.6,baz=271,slow=34			LR	LR	17 54 18.6	+0.8
SONM	Songino Array	96.11	318	P	P	17 54 18.6	+0.8
SONM	comp=Z,1.0nm,0.7s			pmax	pmax	17 58 07.5	
SONM	comp=Z,1.95nm,18.2s,MS4.6,baz=271,slow=34			MLR	MLR		
TIXI	Tiksi	96.18	344	eP	P	17 54 16.3	-1.3
TIXI	comp=Z,195nm,18.2s			LR	LR		
TIXI	Tiksi	96.18	344	eP	PP	17 58 09.2	-1.9
TIXI	comp=Z,8.7nm,1.1s,mb5.1			LR	LR		
TIXI	comp=Z,387nm,20.0s,MS4.9			LR	LR		
TIXI	Tiksi	96.18	344	eP	pmax	17 54 19.4	

6d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, KISLOVODSK, GNI, UMR, BSK, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO, PRU, NNC, BCLA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SSF, FETA, OBKA, MYKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDAD Kodiak Island, NVAR Mina Array Bea, HLID Halley, etc.

IDC 07 01:01:35.2:5.2, 2365N:142.00E, h98km, mb3.5/5, mb1 3.7/6, mb1mx3.4/20, mbtmp3.5/6, Error ellipse: s-maj=47.8km s-min=19.2km az=93.0

ISCJB 07 01:01:36.1:2.1, 239N:101.141:1E-03, h123km, mb2.3km, mbz:7.75, Error ellipse: s-maj=47.0km s-min=16.1km

JMA 07 01:39.0:0.1, 2406N:140.87E, h105km, M3.9

ISC 07 01:01:36.7:1.8, 237N:101.141:8E, h111km, 19km, n12, az=132/14, mb3.7/5, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, etc.

NIED 07 01:26:00, 43.10N:145.80E, h41km, Mw3.9 Best double couple: M=7.31000e+10, N1=30.00000e+06, D66.00000e+07, 1.78.00000e+07, NP2=2.38.00000e+07, D27.00000e+07, 1.15.00000e+07

IDC 07 01:26:20.4:0.7, 43.18N:145.80E, h0km, mb3.8/10, mb1 4.0/11, mb1mx3.9/21, mbtmp3.8/11, ML3.7/1, MS2.9/4, MS1 2.9/4, ms1tmp2.7/3, Error ellipse: s-maj=24.1km s-min=19.7km

ISCJB 07 01:26:1.0:7.4, 43.15N:145.80E, h55km, 5km, mb3.8/13, MS3.3/2, Error ellipse: s-maj=9.0km s-min=6.2km az=144.4

NEIC 07 01:26:28.8, 43.12N:145.83E, h46km, mb4.1/1, After JMA. NEIC Recorded [2 JMA] in eastern Hokkaido.

JMA 07 01:26:26.7:0.1, 43.12N:145.83E, h46km, 1km, M4.1 JMA Feit II J1.

SKHL 07 01:26:27.1:0.2, 43.34N:145.78E, h33km, mb4.5/2

MOS 07 01:26:28.3:2.2, 43.50N:146.07E, h75km, mb4.1/7, Error ellipse: s-maj=19.3km s-min=11.1km az=13.4

ISC 07 01:26:27.1:0.7, 43.15N:145.80E:006, h47km, 5km, 4

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, YUK Yuzh-Kuril'sk, etc.

IDC 07 01:44:29.1:21.0, 2328S:17817W, h506km, 234km, mb3.5/5, mb1 3.4/5, mb1mx3.1/17, mbtmp3.3/5, Error ellipse: s-maj=236.3km s-min=50.5km az=57.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, CTA Charles Tower, STKA Stephens Creek, etc.

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

NEIC 07 01:51:17.0, 1627N:94.02W, h100km, MD4.0(MEX), After MEX.

MEX 07 01:51:17.1:1.1, 1626N:94.02W, h98km, 17km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIG Tlaxiaco, CMIG Matias Romero, etc.

IDC 07 01:56:05.0:2.0, 6.92N:92.73E, h0km, mb4.0/11, mb1 4.1/11, mb1mx3.9/23, mbtmp4.0/11, Error ellipse: s-maj=41.1km s-min=15.7km az=54.0

ISCJB 07 01:56:07.0:0.7, 6.8N:92.58E:0.10, h33km, mb4.0/13, Error ellipse: s-maj=15.8km s-min=13.2km az=38.2

NEIC 07 01:56:10.0:0.5, 6.79N:92.59E, h35km, mb4.6/2, Error ellipse: s-maj=12.7km s-min=10.9km az=22.0

ISC 07 01:56:10.0:0.6, 6.8N:92.58E:0.07, h35km, n16, az=150/17, mb4.0/13, Nicobar Islands region

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

WRA 07 01:56:31.9:2.6, 6.5N:93.54E, h34km, mb4.5/5, Error ellipse: s-maj=19.6km s-min=13.7km az=141.0

KRSC 07 02:11:14.6:0.8, 4.892N:156.71E, h38km, 37km, ML4.4

ISCJB 07 02:11:17.4:1.1, 4.920N:156.71E:0.1, h63km, 8km, mb4.0/21, Error ellipse: s-maj=15.7km s-min=7.5km az=135.1

MOS 07 02:11:17.8:1.3, 4.934N:155.72E, h67km, mb4.2/7, Error ellipse: s-maj=18.1km s-min=8.4km az=71.9

IDC 07 02:11:21.2:2.9, 4.933N:155.50E, h80km, 25km, mb3.5/12, mb1 3.7/14, mb1mx3.6/24, mbtmp3.6/14, Error ellipse: s-maj=25.5km s-min=16.1km az=127.0

ISC 07 02:11:19.5:0.9, 4.924N:156.007:1558E:01, h65km, 7km, n54, az=152/61, mb3.9/21, 6C, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Kuril'sk, etc.

SKR comp=Z, 80nm, 0.5s

SKR comp=N, 1.1m, 0.3s

SKR comp=E, 920nm, 0.3s

ALR Alaid, GRG Gorelyy, etc.

RUS Russkaya, etc.

PET Petropavlovsk, etc.

AVH Avacha, etc.

SPN Mys Shipunski, etc.

MKZ Mys Kozlova, etc.

TUMR Tumrok, etc.

YUZH Yuzh-Sakhalins, etc.

ASAJ Asahikawa, etc.

SEJ Seiyun, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

KSR Korea Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like COLA College, INK Inuvik, and ARU Arti.

WEL 07 02:45:16.5±1.1, 4438S, 16794E, h12km, ML3.5/14, Error ellipse: s-maj=11.9km s-min=6.0km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like MSZ Milford Sound, JCZ Jackson Bay, and WRA Warramunga Arr.

IDC 07 02:47:04.8±2.1, 1445N, 14526E, h0km, mb3.7/5, mb1 3.6/5, mb1mx3.6/1.9, mbmtp3.7/5, Error ellipse: s-maj=63.9km s-min=15.8km az=92.0, Marianas Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like GUMO Guam, KSRs Korea Arr, and WRA Warramunga Arr.

NEIC 07 02:47:04.2, 3764S, 17642E, h244km, MG4.0(WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like SDPT Sand Point, AKUT Akutan, and UNV Unalaska Valle.

ISC 07 03:36:36.7±0.2, 5152N, 001.1608E, 002, h0km, mb3.8/8, Error ellipse: s-maj=2.1km s-min=1.5km az=3.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like KSP Ksiadz, DPC Dobruska-Polom, and PVCC Panska Ves.

WEL 07 02:47:05.0±2.2, 3768S, 17643E, h240km, 13km, ML3.9/5, Error ellipse: s-maj=12.7km s-min=4.2km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like CLL Colim, PRU Pruhonice, and WNVV Wahianoa.

NEIC 07 02:52:18.5, 5604N, 16165W, h225km, mb3.8/1, After AEIC, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like OKC Ostrava-Krasne, VRAC Vranov, and ARS Arzberg.

NEIC 07 02:52:18.5, 5604N, 16165W, h225km, mb3.8/1, After AEIC, Alaska Peninsula

7ad 10h

AKASG Malin Array Be 153.83 321 PKPbc PKPbc 09 00 49.7 +2.0
AKASG comp=Z,1.7nm,0.6s,baz=55,slow=3.0,SNR=9.8
AKASG Torodi Ar. Bea 160.47 175 PKPab PKPab 09 01 00.3 -0.8
TORD comp=Z,0.8nm,0.6s,baz=44,slow=5.1,SNR=4.7
TORD Torodi Ar. Bea 160.47 175 PKPab PKPab 09 01 37.7 +7.3
TORD comp=Z,1.6nm,0.6s,baz=19,slow=3.7,SNR=14

ISC/JB 07 08:54:56.0,6.469S;0.04;13887E;0.09,h133km,mb3.9/9,
M3.3/4, Error ellipse: s-maj=12.6km s-min=6.1km az=3.2
NEIC 07 08:54:56.1,0.6,4.43S;-139.02E,h10km,mb3.7/3, Error
ellipse: s-maj=17.0km s-min=6.6km az=79.0
IDC 07 08:55:02.6,6.2,4.47S;138.95E,h2km,mb3.7/9,
mb1.3/9,12,mb1mx3.9/15,mbtmp3.8/12,ML.4/4,MS3.4/5,
MS1.3/4.5,ms1mx3.0/20,Error ellipse: s-maj=35.6km
s-min=19.7km az=81.0
ISC 07 08:54:58.0,0.6,4.71S;0.05;13916E;0.10,h35km,n21,
o104/23,mb3.9/9,MS3.3/4,Irian Jaya

Code Station Name Az AZZ Phase ID Time Res
COEN Coen 10.01 157 Op Pn ISC h m s ISC
08 57 23.7 +4.3
COEN Coen 10.01 157 Op Pn S 08 59 10.1 -0.5
KAKA Kakadu 10.36 219 ePn Pn S 08 57 27.0 +2.8
KAKA Kakadu 10.36 219 ePn Pn S 08 59 17.5 -1.6
WRAB Tennant Creek 154.19 197 Pn S 08 58 38.1 -0.4
WRA Warrungana Arr 15.86 197 Pn Pn 08 58 38.4 -0.2
WRA 0.8nm,0.3s,baz=16,slow=13,SNR=5.1
WRA 0.8nm,0.3s,baz=12,slow=22,SNR=5.1
CTA Charters Tower 16.78 156 P Pn 08 58 56.8 +6.3
CTA 0.5nm,0.3s,baz=327,slow=12,SNR=14
CTA 0.2nm,0.3s,baz=61,slow=19,SNR=2.9
CTA 0.2nm,0.3s,baz=61,slow=19,SNR=2.9

NEIC 07 09:24:37.3,5.5,2.434S;-179.84E,h561km,70km,mb4.5/1,
Error ellipse: s-maj=71.7km s-min=19.8km az=189.0
IDC 07 09:24:27.6,12.0,2.351S;-179.87E,h437km,151km,
mb3.2/4,mb1.3.5/5,mb1mx3.2/15,mbtmp3.2/5,Error
ellipse: s-maj=114.9km s-min=29.6km az=3.0, South of
Fiji Islands

Code Station Name Az AZZ Phase ID Time Res
URZ Urewera 14.90 188 P Pn ISC h m s ISC
1.1nm,0.3s,baz=18,slow=6.4,SNR=6.2
STKA Stephens Creek 34.76 248 P Pn 09 30 39.6 0.0
ASAR Alice Springs 41.98 260 P Pn 09 31 39.0 +0.1
WRA Warrungana Arr 42.31 266 P Pn 09 31 41.5 -0.1
TXAR Lajitas Array 90.33 58 P Pn 09 36 41.7 +0.7
AKASG Malin Array Be 144.58 327 PKP PKPpdf 09 43 10.8 -2.2

IDC 07 09:24:22.7,2.1,3.917N;76.83E,h0km,mb3.7/3,mb1.3.6/7,
mb1mx3.5/26,mbtmp3.6/7,ML3.4/4,MS2.8/3,MS1.2.8/3,
ms1mx2.5/27,Error ellipse: s-maj=39.5km s-min=25.4km
az=153.0
BUJ 07 09:24:25.9,39.45N;-77.14E,h16km,mb4.0,ML3.8
NNC 07 09:24:26.2,2.8,3.949N;76.73E,h0km,mb3.9,mpv3.8,
Error ellipse: s-maj=29.5km s-min=16.7km az=169.0
ISC/JB 07 09:24:27.5,0.3,3.936N;0.03;76.97E;0.05,h33km,mb4.2/8,
Error ellipse: s-maj=5.9km s-min=3.8km az=164.3
NEIC 07 09:24:28.0,1.1,3.921N;76.84E,h33km,Error ellipse:
s-maj=15.1km s-min=9.1km az=172.0
ISC 07 09:24:29.7,1.2,3.939N;0.03;76.89E;0.07,h31km,10km,
n50,o110/59,mb4.2/8,12C-5D,Southern Xinjiang

Code Station Name Az AZZ Phase ID Time Res
KSH Kashi 0.72 280 Op Pn ISC h m s ISC
09 24 41.8 -1.9
KSH Kashi 0.72 280 Op Pn S 09 24 54.0 +0.8
KSH comp=N,20um,0.9s
KSH 0.14um,0.7s
ULHL Ulahoi 2.89 350 P Pn 09 25 15.1 +1.5
KZA Kyzart 2.96 336 P Pn 09 25 15.2 +0.7
UCH Uchtor 3.35 328 P Pn 09 25 19.3 -0.6
KBK Karagaybulak 3.58 336 P Pn 09 25 23.4 +0.4
AML Almayashu 3.65 319 ePn Pn 09 25 23.5 -0.5
AML Almayashu 3.65 319 ePn Pn 09 25 23.8 -0.3
TKM2 Tokmak 2 3.66 345 P Pn 09 25 24.8 +0.7
TKM2 comp=E,173nm,1.1s
TKM2 Tokmak 2 3.66 345 ePn Pn 09 25 24.2 +0.1
TKM2 Tokmak 2 3.66 345 ePn Pn 09 25 26.1 +1.0
TKM2 Tokmak 2 3.66 345 P Pn 09 25 25.0 +0.9
TKM2 Chumysh 3.95 337 P Pn 09 25 28.2 +0.1
EKS2 Erkin-Say 4.02 325 ePn Pn 09 25 28.9 -0.2
EKS2 Erkin-Say 4.02 325 P S 09 25 27.1 -0.8
EKS2 Erkin-Say 4.02 325 P S 09 25 29.6 +0.4
KK31 Karatay Array 6.07 310 P Pn 09 25 56.5 -0.7
KK31 comp=E,7.9nm,0.5s,baz=126,slow=16,SNR=31
KK31 comp=E,16nm,0.6s,baz=124,slow=29,SNR=3.5
KK31 Karatay Array 6.07 310 Pn Pn 09 25 56.5 -0.7
KK31 Karatay Array 6.07 310 Pn Pn 09 25 57.2 +1.6
KK31 Karatay Array 6.07 310 Pn Pn 09 27 34.0 +1.2
CHCP Chirah Chowk 6.42 208 P Pn 09 26 05.3 +3.2
CEP Cherat 6.85 217 P Pn 09 26 10.0 +2.0
CEP Cherat 6.85 217 P S 09 27 32.0 +7.2
DLH Dalhousie 6.88 186 eP Pn 09 26 09.0 +0.6

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DLH Thein Dam 7.01 188 eP x 09 27 29.0
THN Thame Wali 7.79 214 P Pn 09 26 09.8 -0.4
THW Thame Wali 7.79 214 P Pn 09 26 21.9 +1.0
KLP Kalpa 7.92 172 eP S 09 26 20.2 -2.5
KLP Kalpa 7.92 172 eP S 09 27 44.2 -7.1
KLP Kalpa 7.92 172 eP S 09 28 07.5
KLP comp=E,44nm,0.5s
KLP 0.44nm,0.5s
SMLA Simla 8.25 178 P Pn 09 26 25.6 -1.6
SMLA Simla 8.25 178 P Pn 09 27 55.7 -1.1
SMLA Simla 8.25 178 P Pn 09 28 03.7
SMLA comp=N,222nm,0.3s
SMLA 0.222nm,0.3s
MK31 Makanchi Array 8.39 26 P Pn 09 26 30.2 +1.2
MK31 comp=E,199nm,0.3s
MK31 Makanchi Array 8.39 26 P Pn 09 26 30.2 +1.2
MK31 comp=E,2.3nm,0.7s,baz=0.0,slow=0.1,SNR=4.7
MK31 0.23nm,0.7s
MK31 Makanchi Array 8.39 26 P Pn 09 26 30.0 +1.0
MK31 Makanchi Array 8.39 26 P Pn 09 26 29.4 +0.4
MKAR comp=E,0.3nm,0.3s,baz=210,slow=8.3,SNR=4.5
MKAR 0.3nm,0.3s
MKAR Joshimath 9.05 165 eP S 09 26 48.2 +1.0
JOSI Joshi 9.05 165 eP S 09 28 20.8 +1.0
JOSI Joshi 9.05 165 eP S 09 28 33.0
JOSI comp=E,63nm,0.4s
JOSI 0.63nm,0.4s
DDI Dehra Dun 9.10 174 eP x 09 26 40.0 +1.1
DDI Dehra Dun 9.10 174 eP x 09 28 20.8
WMQ Urumqi 9.22 58 eP S 09 26 41.0 +0.5
WMQ Urumqi 9.22 58 eP S 09 28 18.8 -4.4
WMQ comp=N,25nm,0.7s
WMQ 0.25nm,0.7s
SONA Kundal 11.12 179 eS S 09 28 59.5 -1.0
KUDL Kundal 11.12 179 eS S 09 29 03.2 -9.1
KURK Kurchatov 11.39 6 P Pn 09 27 10.7 +0.6
KURK comp=E,1.7nm,0.9s
KURK 1.7nm,0.9s
KURK Kurchatov 11.39 6 Pn 09 27 10.7 +0.6
KURK Kurchatov 11.39 6 Pn 09 30 19.9
VOSK Vostochnaya 13.94 345 P Pn 09 27 45.9 +1.0
VOSK comp=E,1.8nm,0.9s
VOSK 1.8nm,0.9s
BVA0 Borovoye Array 14.35 344 Pn Pn 09 27 50.0 -0.5
BVA0 comp=E,0.4nm,0.8s,baz=155,slow=16,SNR=12
BVA0 0.4nm,0.8s
BVA0 Borovoye Array 14.35 344 Pn Pn 09 27 46.2 -4.3
BVA0 comp=E,1.9nm,1.2s,baz=158,slow=16,SNR=3.6
BVA0 1.9nm,1.2s
BVAR Borovoye Array 14.35 344 Pn Pn 09 31 59.7
BVAR comp=E,0.1nm,0.3s,baz=152,slow=25,SNR=5.2
BVAR 0.1nm,0.3s
ZRNK Zerenda 14.60 341 P Pn 09 27 54.2 +0.2
ZRNK comp=E,1.8nm,0.7s
ZRNK 1.8nm,0.7s
ZALV Zalesovo Beam 15.53 18 Pn Pn 09 28 05.3 -0.9
ZALV comp=E,0.1nm,0.3s,baz=202,slow=11,SNR=3.0
ZALV 0.1nm,0.3s
AB31 Akbulak array 15.59 315 Pn Pn 09 28 07.7 +0.6
AB31 comp=E,1.6nm,0.8s,baz=122,slow=12,SNR=7.5
AB31 1.6nm,0.8s
AKTK Aktyubinsk 17.28 316 P Pn 09 28 28.6 +0.1
AKTK Aktyubinsk 17.28 316 P Pn 09 28 28.6 +0.1
GTA Gaotai 17.72 83 eP Pn 09 28 32.0 -2.0
GTA Gaotai 17.72 83 eP Pn 09 28 36.3 -6.4
GTA Gaotai 17.72 83 eP Pn 09 28 38.9 -7.7
GTA Gaotai 17.72 83 eP Pn 09 34 10.9
GTA comp=Z,2.0nm,0.7s
SONM Songiro Array 22.86 59 P Pn 09 29 30.0 -0.3
SONM comp=Z,1.0nm,0.6s,mb3.4,baz=251,slow=11,SNR=6.0
CD2 Chengdu 23.48 103 AP Pn 09 29 32.4 -4.5
CD2 Chengdu 23.48 103 AP Pn 09 29 37.0
UMR Umm Al-Rimman 25.88 257 eP Pn 09 29 57.9 -0.8
UMR comp=Z,34nm,1.2s,mb4.8,baz=309
UMR 34nm,1.2s
MIB Mutribah 26.04 258 eP Pn 09 29 58.4 -1.8
MIB Mutribah 26.04 258 eP Pn 09 30 01.9
RDF Al-Radifah 26.32 256 eP Pn 09 29 58.8 -3.9
RDF Al-Radifah 26.32 256 eP Pn 09 30 06.5
RDF Al-Naeim 26.39 257 eP Pn 09 29 58.6 -4.7
RDF Al-Naeim 26.39 257 eP Pn 09 30 07.6
FINES FINES Array B 37.85 323 P Pn 09 31 42.9 -0.3
FINES comp=Z,3.7nm,1.1s,mb4.0,baz=105,slow=8.5,SNR=3.3
FINES 3.7nm,1.1s
KSRS Korea Array 39.60 716 LR 09 50 34.4
KSRS comp=Z,2.6nm,1.8s,baz=290,slow=4.8,SNR=5.3
TORD Torodi Ar. Bea 70.38 271 P Pn 09 35 37.9 -3.0
TORD comp=Z,0.5nm,1.0s,mb3.4,baz=52,slow=4.8,SNR=5.3

NEIC 07 09:30:43.7, 1659N;101.08W,h16km,MD4.2(MEX), After
WEL
NEIC FEL at Picton.
WEL 07 09:42:10.1, 41.05S;-174.45E,h62km,1km,ML3.7/18,
Error ellipse: s-maj=0.9km s-min=0.9km az=0.0,MM 4.7,
Cook Strait

Code Station Name Az AZZ Phase ID Time Res
CAIG El Cayaco 0.90 59 iP ISC h m s ISC
09 30 57.6 -3.3
ZIG Zihuatanejo 1.09 340 iS Sb 09 31 08.2 -4.4
ZIG Zihuatanejo 1.09 340 iS Sb 09 31 09.2 -3.9
CAIG Acapulco 1.14 75 iP Sb 09 31 10.3 -1.8
CAIG Acapulco 1.14 75 iP Sb 09 31 16.5 -3.1
CAIG Acapulco 1.14 75 iP Sb 09 31 02.5 -2.5
CAIG Acapulco 1.14 75 iP Sb 09 31 15.0 -4.6
PLIG Platanillo 2.34 39 iP S 09 31 18.8 -2.7
PLIG Yautepac 2.96 40 iP S 09 31 47.4 -3.6
PLIG Yautepac 2.96 40 iP S 09 31 27.1 -3.0
MOIG Morelia 3.08 358 eS Pn 09 31 59.6 -5.8
MOIG Morelia 3.08 358 eS Pn 09 31 29.4 -2.3
UNM Universidad Na 3.27 33 iS Pn 09 32 05.1 -3.2
UNM Universidad Na 3.27 33 iS Pn 09 31 31.3 -3.1
UNM Universidad Na 3.27 33 iS Pn 09 32 10.6 -2.4
PPM Popocatepetl 3.40 43 iP S 09 31 33.8 -2.2
PPM Popocatepetl 3.40 43 iP S 09 32 13.4 -2.6
TPIG Tehuacan 3.98 62 iP Pn 09 31 41.9 -2.2
TPIG Tehuacan 3.98 62 iP Pn 09 32 42.0 -3.4
DEIG Demacu 4.17 27 iP S 09 31 44.1 -2.7
DEIG Demacu 4.17 27 iP S 09 32 31.4 -3.9
VHO Vista Hermosa 4.18 83 iS Pn 09 31 45.5 -1.4
VHO Vista Hermosa 4.18 83 iS Pn 09 32 31.0 -4.4
SFJM Santa Fe 4.31 335 iP Pn 09 31 56.3 +7.7
SFJM Santa Fe 4.31 335 iP Pn 09 31 02.0 -3.4
SFJM Santa Fe 4.31 335 iP S 09 31 53.0 +4.4
SFJM Santa Fe 4.31 335 iS Pn 09 32 36.0 -2.6

IDC 07 09:36:08.3,3.1,4.72S;-152.50E,h0km,mb3.7/3,mb1.4/0.4,
mb1mx3.6/16,mbtmp3.8/4,ML3.4/1, Error ellipse:
s-maj=95.2km s-min=45.4km az=108.0, New Britain
region
Code Station Name Az AZZ Phase ID Time Res
CTA Charters Tower 16.44 201 Op Pn ISC h m s ISC
09 40 01.8 +1.3
WRA Warrungana Arr 23.27 228 Pn Pn 09 41 17.2 -0.5
WRA 0.1nm,0.3s,baz=14,slow=6.5,SNR=3.5
WRA 0.1nm,0.3s,baz=14,slow=6.5,SNR=3.5
ASAR Alice Springs 26.00 222 P Pn 09 41 43.2 +0.2
ASAR 0.6nm,0.5s,baz=52,slow=9.7,SNR=5.2
STKA Stephens Creek 28.86 199 P Pn 09 42 08.5 -0.3
TORD Torodi Ar. Bea 149.98 288 PKPbc PKPbc 09 56 01.9 0.0
TORD 0.7nm,0.9s,baz=55,slow=2.2,SNR=3.9

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NEIC 07 10:14:55.0,5.8,39.14N;73.19E,h0km,mb3.4,mpv3.2,
Error ellipse: s-maj=46.9km s-min=27.6km az=175.0
ISC 07 10:14:53.7,2.7,3.86N;-02.735E;02,h35km,n9,o08/72,
3C-2D,Tajikistan-Xinjiang border region
Code Station Name Az AZZ Phase ID Time Res
AML Almayashu 3.50 2 P Pn ISC h m s ISC
09 15 46.3 +0.7
UCH Uchtor 3.67 11 P Pn 09 15 48.3 +0.4
KZA Kyzart 3.68 20 P Pn 09 15 47.7 -0.4
EKS2 Erkin-Say 4.03 3 P Pn 09 15 54.4 +1.5
ULHL Ulahoi 4.16 29 P Pn 09 15 53.4 -1.2
TKM2 Tokmak 2 4.56 19 P Pn 09 15 59.5 -0.7
TKM2 2.7nm,0.4s
TKM2 Tokmak 2 4.56 19 P Pn 09 15 59.7 -0.5
TKM2 Tokmak 2 4.56 19 P Pn 09 15 59.7 -0.5
KK31 Karatay Array 5.02 334 P Pn 09 16 06.7 +0.2
KK31 1.0nm,0.3s,baz=142,slow=13,SNR=52
KK31 1.0nm,0.3s,baz=142,slow=13,SNR=52
AB31 Akbulak array 14.42 322 Pn 09 18 10.5 -4.7
AB31 0.1nm,0.3s,baz=137,slow=14,SNR=4.5
AB31 0.2nm,0.3s,baz=134,slow=23,SNR=4.5
NEIC 07 10:25:46.7,0.5,3.762N;0.03;22.16E;0.04,h10km,Error
ellipse: s-maj=4.5km s-min=4.0km az=159.7
CSEM 07 10:25:47.5,0.1,3.760N;0.22;21.6E,h2km,ML3.0,Error
ellipse: s-maj=1.9km s-min=1.6km az=88.0
ATH 10:25:47.7,37.58N;-122.12E,h5km,MD3.4/8,ML3.2
THE 07 10:25:47.4,37.60N;-22.16E,h3km,ML3.0
NEIC 07 10:25:47.6,37.58N;-22.11E,h5km,ML3.2(ATH),After
ATH.
ISC 07 10:25:47.4,0.5,3.761N;0.03;22.16E;0.04,h8km,10km,n17,
o073/22,1C-6D,Southern Greece
Code Station Name Az AZZ Phase ID Time Res
Op Pn ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
Op Pn ISC h m s ISC
ISC/JB 07 10:25:46.7,0.5,3.762N;0.03;22.16E;0.04,h10km,Error
ellipse: s-maj=4.5km s-min=4.0km az=159.7
CSEM 07 10:25:47.5,0.1,3.760N;0.22;21.6E,h2km,ML3.0,Error
ellipse: s-maj=1.9km s-min=1.6km az=88.0
ATH 10:25:47.7,37.58N;-122.12E,h5km,MD3.4/8,ML3.2
THE 07 10:25:47.4,37.60N;-22.16E,h3km,ML3.0
NEIC 07 10:25:47.6,37.58N;-22.11E,h5km,ML3.2(ATH),After
ATH.
ISC 07 10:25:47.4,0.5,3.761N;0.03;22.16E;0.04,h8km,10km,n17,
o073/22,1C-6D,Southern Greece
Code Station Name Az AZZ Phase ID Time Res
Op Pn ISC h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLX Vlachokerasia, ITM Ithomi, RLS Riolo of Patr, etc.

IDC 07 10:36:42.9,26.0,1346S-16689E,h242km,220km, mb3.3/6,mbl 3.4/6,mb1mx3.2/16,mbtmp3.3/6, Error ellipse: s-maj=141.5km s-min=48.9km az=87.0, Vanuatu Islands

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

ISCJB 07 10:48:08.8,1.0,176S,0.4x1783W,0.2,h600km,mb4.2/11, Error ellipse: s-maj=52.7km s-min=12.7km az=151.5, NEIC 07 10:48:10.0,0.8,1750Sx1783W,h600km,mb3.9/4, Error ellipse: s-maj=58.5km s-min=9.6km az=153.0

IDC 07 10:48:12.9,5.4,1779Sx1783W,h640km,70km,mb3.3/7, mb1 3.5/7,mb1mx3.2/17,mbtmp3.3/7, Error ellipse: s-maj=55.9km s-min=27.3km az=154.0

ISC 07 10:48:09.9,1.0,177S,0.4x1783W,0.2,h600km,n17, c0543/13,mb4.2/11, Fiji Islands region

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

MDD 07 10:51:09.4,0.8,4227N,156E,h0km,mbLg1.5/3, Error ellipse: s-maj=8.1km s-min=5.5km az=161.0,PRIMO SIN SOLUCI,Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EPOB Poblet, EJOB, EJON, EBIE Bielsa, etc.

ISCJB 07 10:52:03.4,0.5,3819N,003.2317E,004,h10km, Error ellipse: s-maj=5.0km s-min=4.3km az=170.2, CSEM 07 10:52:04.3,0.1,3820N,2312E,h5km,ML2.7, Error ellipse: s-maj=1.7km s-min=1.7km az=120.0

ATH 07 10:52:04.4,3819N,2316E,h9km,MD3.1/8,ML2.7 THE 07 10:52:04.1,3818N,2313E,h9km,ML2.7 NEIC 07 10:52:04.5,3820N,2316E,h24km,ML2.7(ATH),After ATH.

ISC 07 10:52:04.3,0.6,3820N,003.2313E,004,h3km,9gkm,n15, c072/20,5C,Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTK Loutraki, ATH Athens Observa, NAIG Nisos Agina, etc.

IDC 07 11:05:48.5,7.3,3443S,17921E,h222km,105km,mb3.2/3, mb1 3.2/4,mb1mx3.1/16,mbtmp3.2/4, Error ellipse: s-maj=133.6km s-min=47.9km az=160.0, South of Kermadec Islands

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

IDC 07 11:16:39.2,10.0,2328S-17935E,h518km,116km, mb2.7/3,mb1 3.1/4,mb1mx2.9/15,mbtmp2.8/4, Error ellipse: s-maj=107.8km s-min=29.1km az=50.0, South of Fiji Islands

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

IDC 07 11:30:52.9,2.9,247S-14038E,h0km,mb3.4/2,mb1 3.9/4, mb1mx3.6/15,mbtmp3.8/4,ML3.7/2, Error ellipse: s-maj=75.8km s-min=30.3km az=90.0, Near north coast of Irian Jaya

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

ISCJB 07 11:31:28.4,2.6,3035N,008.971E,0.1,h34km,29km, mb3.9/6, Error ellipse: s-maj=19.9km s-min=12.1km az=155.1, NEIC 07 11:31:32.6,1.7,3045N,9735E,h52km,20km,mb3.8/1, Error ellipse: s-maj=28.0km s-min=8.6km az=67.0

IDC 07 11:31:32.4,4.2,3041N,9721E,h52km,42km,mb3.6/6, mb1 3.7/8,mb1mx3.5/24,mbtmp3.5/8,ML3.6/2, Error ellipse: s-maj=35.7km s-min=16.8km az=65.0

ISC 07 11:31:30.6,4.8,3040N,007.972E,0.1,h33km,38km,n18, c1900/19,mb3.9/6,Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHL Shillong, ODAN Odare, JIRN Jiri, etc.

ISCJB 07 11:45:17.6,0.3,5995N,003.15294W,006,h116km,4km, mb4.1/5, Error ellipse: s-maj=6.3km s-min=4.5km az=139.5, IDC 07 11:45:18.2,2.9,5994N,15302W,h100km,44km,mb3.8/5, mb1 3.8/8,mb1mx3.4/25,mbtmp3.7/8, Error ellipse: s-maj=41.8km s-min=16.9km az=139.0

NEIC 07 11:45:20.2,5995N,15290W,h106km,MG3.4(AEIC), After AEIC.

ISC 07 11:45:18.9,0.3,5994N,003.15293W,006,h109km,5km, n42,c087/52,mb4.1/5,Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AUL Augustine Lava, AUL Skilak Lake, SKLM Skilak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNL Peninsula, EGAK Eagle, FALS Falg Pass, etc.

CSEM 07 12:05:45.8,0.7,2983N,3641E,h2km,ML3.0, Error ellipse: s-maj=14.5km s-min=9.2km az=66.0, HLW 07 12:05:45.5,2928N,3674E,h20km,MB3.0, ISCJB 07 12:05:46.9,1.1,2983N,005.3628E,007,h0km, Error ellipse: s-maj=8.7km s-min=6.4km az=175.0

SGS 07 12:05:47.0,3011N,3624E,h3km, GII 07 12:05:47.6,0.0,2987N,3625E,h0km,ML1.8/2, EXPLOSION

ISC 07 12:05:46.7,1.1,2987N,004.3633E,007,h0km,n17, c083/23,1C-1D,Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRFI Mount Harif, ZFRI Zfri, EIL Elat, etc.

IDC 07 13:12:00.3,3.1,3237S-17800W,h0km,mb3.8/2, mb1 4.0/3,mb1mx3.7/16,mbtmp3.8/3,ML3.5/1,MS3.5/1, Ms1 3.5/1,ms1mx2.8/20, Error ellipse: s-maj=72.0km s-min=36.7km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, ASAR Alice Springs, etc.

NIED 07 13:17:10.0,26.10N,125.70E,h5km,Mw4.7 Best double couple: M1,33000x1016 N1,3258,00000,7,85,00000, 7,26,00000, NP2,3356,00000,365,00000, 7,163,00000,

JMO 07 13:17:29.2,0.4,2614N,125.72E,h11km,4km,MA.9 JMA Felt J1

IDC 07 13:17:30.1,0.6,2594N,125.30E,h0km,mb4.1/17, mb1 4.2/20,mb1mx1.1/29,mbtmp4.1/20,ML3.6/2,MS4.1/24, Ms1 4.1/24,ms1mx1.0/31, Error ellipse: s-maj=21.8km s-min=12.9km az=78.0

ISCJB 07 13:17:31.3,0.7,2603N,003.12580E,003,h23km,6km, JMA 02/28,MS4.3/27, Error ellipse: s-maj=5.6km s-min=3.3km az=149.6

MOS 07 13:17:32.8,0.8,2590N,125.41E,h34km,mb4.4/11, MS4.3/12, Error ellipse: s-maj=18.2km s-min=10.1km az=172.0

BJI 07 13:17:36.5,2619N,125.66E,h58km,mb4.6,mb4.3,Ms4.8, Ms2.6

GCMT 07 13:17:37.4,0.3,2602N,125.76E,h15km,1km,MW4.8/70, Moment Tensor Solution, s7C19, s70C103; Duration: 0 Moment tensor: Scale 1019Nm; Mir-0.29; 07; Mw=0.11; 06; Mw=0.40; 06; Mw=0.08; 13; Mw=1.80; 06; Mw=0.09; 12; Best double couple: M1,823000,1016 NP1,3356,00000,365,00000, 7,163,00000, NP2, 3356,00000,367,00000, 7,167,00000, Principal axes: T 1.9630, P1g0.0000, Azm31.10000; N -0.2790, P1g85.0000, Azm21.70000; P -1.6840, P1g5.0000, Azm41.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 07 13:17:37.4,0.8,2605N,125.60E,h60km,8km,mb4.6/5, Error ellipse: s-maj=8.7km s-min=7.1km az=104.0

NEIC Recorded [1 JMA] on Kumejima, Ryukyu Islands. ISC 07 13:17:33.6,1.1,2596N,003.12583E,003,h30km,8km, n95,c142/104,mb4.2/28,MS4.4/28,3C-1D, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKE Kumejima, JKE Miyakojima, JMJ Gusukube, etc.

7 Jul 14h		Jnd		Nakatsue		8.38 30 Pn		Pn		13 19 35.8 +2.8	
JNU	comp=Z,784nm,19.7s,baz=193,slow=38	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 56.5
WHN	comp=Z,10m,9.2s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 13.0 +2.6
WHN	comp=E,8um,7.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 29.3
WHN	comp=Z,10um,9.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 20.5 +7.0
WHN	comp=Z,10um,9.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 18.2 +1.1
KSRs	comp=Z,0.1nm,0.3s,baz=189,slow=13,SNR=21	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 24 37.7
KSRs	comp=Z,321nm,18.7s,baz=4.9,slow=37	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 30.7 -0.7
TIA	comp=Z,2um,11.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 42.4 +0.9
DL2	comp=Z,10.0nm,1.1s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 11.8 +2.5
DL2	comp=N,650nm,13.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 42.4 +0.9
DL2	comp=E,1um,12.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 11.8 +2.5
DL2	comp=Z,700nm,13.9s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 20 42.4 +0.9
JHJ	comp=Z,235nm,19.4s,baz=296,slow=39	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 26 56.8
MAT	comp=Z,235nm,19.4s,baz=296,slow=39	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 06.0 +3.5
MJAR	comp=Z,235nm,19.4s,baz=296,slow=39	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 06.5 +4.0
MJAR	comp=Z,501nm,19.7s,baz=225,slow=39	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 19.9
SNY	comp=Z,195nm,3.5s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 20.7 +5.1
SNY	comp=N,953nm,14.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 28.3 +1.5
SNY	comp=E,3um,14.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
SNY	comp=Z,10.0nm,1.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
SNY	comp=Z,195nm,3.5s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
SNY	comp=N,953nm,14.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
SNY	comp=E,3um,14.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
SNY	comp=Z,10.0nm,1.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 32.9 +2.2
BJI	comp=Z,2um,11.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 17.8 -1.1
BJI	comp=Z,9.0nm,1.3s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 17.8 -1.1
BJI	comp=Z,184nm,9.8s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 17.8 -1.1
BJI	comp=N,428nm,18.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 17.8 -1.1
BJI	comp=E,2um,16.9s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 17.8 -1.1
XAN	comp=Z,5.0nm,0.8s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 27.7 +2.3
XAN	comp=N,999nm,11.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 27.7 +2.3
XAN	comp=E,2um,12.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 27.7 +2.3
XAN	comp=Z,3um,12.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 27.7 +2.3
GYA	comp=Z,10.0nm,1.2s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 36.0 +4.1
GYA	comp=Z,90nm,3.8s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 36.0 +4.1
GYA	comp=N,2um,11.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 36.0 +4.1
GYA	comp=Z,780nm,13.3s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 36.0 +4.1
CN2	comp=Z,10.0nm,0.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 41.6 +2.6
CN2	comp=Z,10.0nm,0.7s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 41.6 +2.6
VLA	comp=Z,28nm,1.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 41.2 +1.9
VLA	comp=Z,28nm,1.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 24 52.0 -5.0
VLA	comp=Z,400nm,11.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 21 41.2 +1.9
BTO	comp=Z,400nm,11.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 24 52.0 -5.0
CD2	comp=Z,60nm,1.4s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 00.0 -1.5
CD2	comp=Z,200nm,9.5s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 04.1 +0.1
CD2	comp=N,4um,12.0s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 24.2
CD2	comp=E,3um,9.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 24.2
CD2	comp=Z,4um,10.8s,MS5.0	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 24.2
KMI	comp=Z,15nm,1.5s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 19.3 +1.1
KMI	comp=Z,156nm,4.2s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 27.4
KMI	comp=N,1um,11.5s,MS4.6	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 43.2
KMI	comp=E,608nm,13.1s,MS4.6	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 26 11.2 +2.4
LZH	comp=Z,709nm,15.7s,MS4.1	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 26 22.7 +1.0
LZH	comp=Z,50nm,1.3s,mb4.7	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 26 26.1 -0.3
LZH	comp=Z,248nm,5.5s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 26 42.2
LZH	comp=N,2um,12.9s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 27.4
LZH	comp=Z,3um,14.4s,MS4.8	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 43.2
GUMO	comp=Z,385nm,19.0s,MS3.8,baz=273,slow=33	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 19.3 +1.1
ASAJ	comp=Z,2.7nm,0.4s,mb4.0,baz=243,slow=20,SNR=6.5	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 27.4
ASAJ	comp=Z,433nm,18.6s,MS3.9,baz=222,slow=35	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 43.2
ASAJ	comp=Z,3.0nm,0.4s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 22 59.2 -0.8
ASAJ	comp=Z,433nm,18.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 27 42.7 +2.5
KLR	comp=Z,1um,10.0s,MS4.7	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 10.2 +6.6
KLR	comp=Z,1um,10.0s,MS4.7	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 10.2 +6.6
GTA	comp=Z,19nm,1.2s,mb4.5	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 04.2
GTA	comp=Z,94nm,4.6s	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.6
GTA	comp=N,1um,12.9s,MS4.8	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 35 06.4
GTA	comp=E,1um,11.8s,MS4.8	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.7
GTA	comp=Z,2um,12.2s,MS4.8	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.7
CMAR	comp=Z,0.5nm,0.6s,mb3.2,baz=49,slow=8.9,SNR=4.5	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.6
CMAR	comp=Z,323nm,18.9s,MS3.9,baz=250,slow=39	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.6
SOMM	comp=Z,8.2nm,0.9s,mb4.3,baz=148,slow=7.3,SNR=35	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.6
SOMM	comp=Z,1um,18.4s,MS4.5,baz=139,slow=40	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.7
SOMM	comp=Z,1um,18.4s,MS4.5,baz=139,slow=40	LR	LR	LR	LR	LR	LR	LR	LR	LR	13 23 09.0 -0.7

2007 JUL		SONM		comp=Z,8.0nm,0.9s		pmax		pmax		
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 35.5 -3.2
ZAK	comp=Z,1um,18.4s	LR	LR	LR	LR	LR	LR	LR	LR	13 23 45.8 0.0
ZAK	comp=Z,1um,18.4s	LR	LR	LR						

Table with columns: ID, Name, Az, El, AzEl, P, M, S, Res, Time, Res, ISC. Includes stations like K11A Parker Ranch, K10A MacKenzie Ranch, K08A Mann Creek Ran, etc.

Table with columns: ID, Name, Az, El, AzEl, P, M, S, Res, Time, Res, ISC. Includes stations like GTA GTA, ARU Arti, TACH Talagante, etc.

Table with columns: ID, Name, Az, El, AzEl, P, M, S, Res, Time, Res, ISC. Includes stations like KAPI Kappang, KAPI Kappang, KAPI Kappang, etc.

MCK	McKinley	87.51	13	eP	P	17 05 37.5	-1.1
E11A	Bogner Ranch,	87.53	38	↑P	P	17 05 38.3	-0.9
B09A	Rice	87.62	35	↑P	P	17 05 39.4	-0.2
SNA	Sanae	87.62	179	eP	P	17 05 38.0	-1.3
H13A	Challis	87.60	40	↑P	P	17 05 39.2	-0.9
A09A	Danville	87.71	35	↑P	P	17 05 39.8	-0.2
F12A	Elk City	87.75	39	↑P	P	17 05 40.1	-0.2
DX1A	Lajitas Arr	87.83	58	P	P	17 05 42.0	+0.9
T11A	Klavaneo Farm,	87.84	37	↑P	P	17 05 40.2	-0.5
XAN	Xi'an	87.85	308	P	P	17 05 42.0	+1.0
XAN	comp=2.9,0nm,1.0s,mb4.5			AMB	AMB		
G13A	Cobalt	88.00	40	↑P	P	17 05 41.0	-0.4
PV01	Paradox Valley	88.15	48	P	P	17 05 42.3	-0.0
ANMO	Albuquerque	88.17	52	eP	P	17 05 42.1	-0.4
F13A	Darby	88.31	39	↑P	P	17 05 41.9	-0.9
VNA1	Neumayer-Stat	88.45	177	eP	P	17 05 42.8	-0.4
MCMT	McKenzie Canyo	88.69	41	eP	P	17 05 45.3	+0.6
COLA	College	88.74	13	eP	P	17 05 42.4	-2.0
KMI	Kunming	88.94	297	P	P	17 05 48.2	+1.9
G15A	Dillon	89.08	40	↑P	P	17 05 46.0	-0.5
HHC	Hu-ho-hao-te	89.16	315	eP	AMB	AMB	+0.4
HHC	comp=2.19nm,0.6s,mb5.1			AMB	AMB		
REDW	Red Top Meadow	89.18	43	eP	P	17 05 46.6	-0.3
IMW	Indian Meadow	89.42	38	↑P	P	17 05 47.3	-0.6
D14A	Greenough	89.48	38	↑P	P	17 05 47.3	-0.9
CMAR	Chiang Mai Arr	89.62	290	P	P	17 05 50.9	+1.3
C14A	Swan Lake	89.71	38	↑P	P	17 05 47.2	-2.1
CHTO	Chiang Mai	89.76	290	eP	P	17 05 50.9	+0.6
BOZ	Bozeman (W)	89.85	40	eP	P	17 05 49.9	-0.1
D15A	Lincoln	90.04	39	↑P	P	17 05 50.0	-0.9
SDCO	Great Sand Dun	90.12	49	eP	P	17 05 51.5	0.0
EGAK	Eagle	90.17	15	eP	P	17 05 49.9	-1.2
WALA	Waterloo Lakes	90.37	37	P	P	17 05 51.2	-0.8
CD2	Chengdu	90.45	303	eP	AMB	AMB	0.0
CD2	comp=2.10nm,0.6s,mb4.8			AMB	AMB		
INK	Inuvik	94.84	15	P	P	17 06 09.4	-2.9
ZALV	Zalesovo Beam	110.39	321	PKP	PKP	17 11 17.0	-2.1
MKAR	Makanchi Arr	110.99	313	PKP	PKP	17 11 18.1	-2.4
SPITS	Spitzbergen Arr	122.23	366	PKP	PKP	17 11 38.9	-2.3
ARU	Arti	125.16	325	eP	PKP	17 11 46.9	-1.0
BOSA	Boshof	125.60	206	PKP	PKP	17 11 48.2	-1.0
AKTO	Aktubinsk	126.92	318	PKP	PKP	17 11 50.4	-0.6
ARCES	ARCES Array B	129.20	349	PKP	PKP	17 11 53.9	-0.8
JOF	Joensuu	133.31	342	eP	PKP	17 12 02.1	-0.6
KAF	Kangasniemi	135.35	344	eP	PKP	17 12 05.9	-0.6
LSZ	Lusaka	135.39	318	PKP	PKP	17 12 06.6	-1.4
FINES	FINES Array B	135.97	243	PKP	PKP	17 12 04.8	-2.9
NB2	NORSAR Subarray N	142.30	353	PKP	PKP	17 12 04.4	-9.4
NOA	NORSAR Array B	142.30	353	PKP	PKP	17 12 06.4	
NOA	comp=2.1,3nm,0.7s,baz=15,slow=2.1,SNR=7.3			PKP	PKP	17 12 13.9	+0.1
HFS	Hagfors	142.98	350	PKP	PKP	17 12 05.9	
SUW	Suwali	142.98	350	PKP	PKP	17 12 17.6	-3.0
AKASG	Malin Array B	143.04	330	PKP	PKP	17 12 17.0	-3.8
AKBB	Malin Array S	143.04	330	PKP	PKP	17 12 17.6	-4.1
MALT	Malatya	143.64	307	PKP	PKP	17 12 21.0	-0.8
MALT	Malatya	143.64	307	PKP	PKP	17 12 21.8	-0.5
EKA	Eskdalemuir Arr	145.46	4	PKP	PKP	17 12 24.9	-1.2
BSEG	Bad Segeberg	146.31	350	PKP	PKP	17 12 28.1	-0.5
ASF	Jabal Al	146.37	297	PKP	PKP	17 12 28.9	-0.6
KWP	Kalwarja	146.66	334	PKP	PKP	17 12 29.3	-0.3
KWP	Kalwarja	146.66	334	PKP	PKP	17 12 29.8	-0.9
KWP	Kalwarja	146.66	334	PKP	PKP	17 12 29.3	-0.3
DCN	Croghan	146.96	9	eP	PKP	17 12 29.3	+1.9
RUE	Ruedersdorf	147.03	346	PKP	PKP	17 12 30.1	-0.5
BURAR	Bucovina Arr	147.08	330	PKP	PKP	17 12 32.2	+1.3
KOLS	Kolonick sedl	147.39	334	PKP	PKP	17 12 31.4	-0.3
KOLS	Kolonick sedl	147.39	334	PKP	PKP	17 12 35.2	
STHS	Stebnicka Huta	147.41	323	PKP	PKP	17 12 39.9	+1.6
TIRR	Tirgusor	147.51	336	PKP	PKP	17 12 31.4	+0.7
VRI	Vrincioia	147.54	326	PKP	PKP	17 12 31.6	-0.5
NRDL	Niedersach Rie	147.74	350	PKP	PKP	17 12 31.6	-0.8
CRVS	Cervencia-Dubn	147.74	335	PKP	PKP	17 12 32.1	-0.5
KSP	Ksiaz	147.88	342	PKP	PKP	17 12 32.6	-0.2
OKC	Ostrava-Krasne	148.18	339	PKP	PKP	17 12 33.0	-0.6
MLR	Muntele Rosu	148.20	326	PKP	PKP	17 12 33.4	-0.4
MLR	Muntele Rosu	148.20	326	PKP	PKP	17 12 33.4	-0.4
UPC	Udice	148.20	326	PKP	PKP	17 12 33.4	-0.4
UPC	Udice	148.20	326	PKP	PKP	17 12 33.4	-0.4
CLL	Collm	148.30	346	PKP	PKP	17 12 38.4	-0.8
CLL	comp=2.17nm,1.0s			PKP	PKP	17 12 38.4	-0.8
CLL	comp=2.5,0nm,0.6s			PKP	PKP	17 12 38.4	-0.8
DPC	Dobruska-Polom	148.31	342	PKP	PKP	17 12 33.6	-0.3
DPC	Dobruska-Polom	148.31	342	PKP	PKP	17 12 33.6	-0.3
CLZ	Clauthal	148.32	349	PKP	PKP	17 12 33.3	-0.6
KECS	Kecov	148.46	335	PKP	PKP	17 12 33.7	-0.7
BRG	Berggiesshubel	148.48	345	PKP	PKP	17 12 33.7	-0.6
BRG	Berggiesshubel	148.48	345	PKP	PKP	17 12 33.9	-1.0
BRG	Berggiesshubel	148.48	345	PKP	PKP	17 12 33.6	-0.7
BRG	comp=2.7,2nm,0.8s			PKP	PKP	17 12 33.9	-1.0
FBE	Freiberg	148.58	345	PKP	PKP	17 12 35.5	+0.9
PVOR	Panska Ves	148.64	344	PKP	PKP	17 12 34.3	-0.4
VOIC	Vodice	148.69	327	PKP	PKP	17 12 34.6	-0.5
DRGR	Dobruška	148.68	331	PKP	PKP	17 12 34.9	-0.5
VYHS	Vyhne	148.68	337	PKP	PKP	17 12 35.3	+0.6
PRU	Prunichon	149.13	343	PKP	PKP	17 12 35.0	-1.0
PRU	Prunichon	149.13	343	PKP	PKP	17 12 35.0	-1.0
VRAC	Vranov	149.14	340	PKP	PKP	17 12 35.9	-0.1
KOLL	Kolacno	149.17	353	PKP	PKP	17 12 35.7	+0.4
BUG	Buchum-Univer	149.17	353	PKP	PKP	17 12 35.4	-0.6
MOX	Moxa	149.22	347	PKP	PKP	17 12 35.6	-0.6
MOX	Moxa	149.22	347	PKP	PKP	17 12 35.6	-0.6
MOX	Moxa	149.22	347	PKP	PKP	17 12 35.3	-0.9
MOX	Moxa	149.22	347	PKP	PKP	17 12 35.7	-0.6
TANN	Tannenbergestha	149.26	346	PKP	PKP	17 12 35.7	-0.5

TANN	Tannenbergestha	149.26	346	PKP	PKP	17 12 35.7	-0.5
WERDA	Werda	149.26	346	PKP	PKP	17 12 35.8	-0.5
GUNZEN	Gunzen	149.34	346	PKP	PKP	17 12 36.0	-0.4
WERNITZ	Wernitzgrün	149.40	346	PKP	PKP	17 12 36.1	-0.5
WERN	Wern	149.40	346	PKP	PKP	17 12 36.1	-0.5
NOVY KOSTEL	Novy Kostel	149.43	346	PKP	PKP	17 12 36.5	-0.3
MODRA-PIESOK	Modra-Piesok	149.73	339	PKP	PKP	17 12 36.8	-0.6
MANZ	Manzanera	149.74	346	PKP	PKP	17 12 36.5	-0.9
GZUR	Gura Zlata	149.85	329	PKP	PKP	17 12 36.9	-0.9
ROTZ	Rotzenmühle	149.92	346	PKP	PKP	17 12 37.2	-0.6
ROTZ	Rotzenmühle	149.92	346	PKP	PKP	17 12 37.2	-0.6
MEM	Membach	150.12	354	PKP	PKP	17 12 37.7	-0.6
KHC	Kasperske Hory	150.18	344	PKP	PKP	17 12 37.7	-0.6
KHC	Kasperske Hory	150.18	344	PKP	PKP	17 12 37.7	-0.6
KHC	Kasperske Hory	150.18	344	PKP	PKP	17 12 37.7	-0.6
KHC	Kasperske Hory	150.18	344	PKP	PKP	17 12 37.7	-0.6
GRAFENBERG ARR	Grafenberg Arr	150.21	347	PKP	PKP	17 12 38.2	-0.8
GRF	Grafenberg Arr	150.21	347	PKP	PKP	17 12 38.2	-0.8
GRF	Grafenberg Arr	150.21	347	PKP	PKP	17 12 38.2	-0.8
BZS	Buzias	150.23	331	PKP	PKP	17 12 38.0	-0.7
WETZELL	Wetzell	150.34	345	PKP	PKP	17 12 38.3	-0.5
WETZELL	Wetzell	150.34	345	PKP	PKP	17 12 38.3	-0.5
WETZELL	Wetzell	150.34	345	PKP	PKP	17 12 38.3	-0.5
GERESS ARRAY S	GERESS Array S	150.40	343	PKP	PKP	17 12 37.9	-1.1
GERESS ARRAY B	GERESS Array B	150.40	343	PKP	PKP	17 12 37.9	-1.1
GERESS ARRAY C	GERESS Array C	150.40	343	PKP	PKP	17 12 37.9	-1.1
CONRAD OBS	CONRAD OBS	150.59	340	PKP	PKP	17 12 39.1	-0.4
GIVF	Givf	150.73	355	PKP	PKP	17 12 38.6	-1.1
GIVF	Givf	150.73	355	PKP	PKP	17 12 38.6	-1.1
DOU	Dourbes	150.75	356	PKP	PKP	17 12 39.3	-0.5
BAIF	Baif	150.82	356	PKP	PKP	17 12 38.8	-1.1
BAIF	Baif	150.82	356	PKP	PKP	17 12 38.8	-1.1
MORAGY	Moragy	151.04	335	PKP	PKP	17 12 39.6	-0.9
WLF	Walferange	151.04	353	PKP	PKP	17 12 40.1	-0.3
WLF	Walferange	151.04	353	PKP	PKP	17 12 40.1	-0.3
MOA	Molin	151.15	342	PKP	PKP	17 12 39.8	-0.9
STU	Stu	151.48	349	PKP	PKP	17 12 40.4	-1.0
FUR	Furstenfeldbru	151.64	346	PKP	PKP	17 12 40.6	-1.2
FUR	Furstenfeldbru	151.64	346	PKP	PKP	17 12 40.6	-1.2
RJOB	RJOB	151.66	344	PKP	PKP	17 12 40.6	-1.3
RJOB							

7d 19h

Table with columns: Code, Station Name, Time, Res, and various parameters like CTA, Charters Tower, WRAB, etc.

CSEM 07 17:24:15.0-1.0, 3.655N-2806E, h2km, MD2.8, Error ellipse: s-maj=3.9km s-min=3.0km az=140.0

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like ARG, ARK, DAL, etc.

MEX 07 18:04:45.6-1.4, 1506N-9301W, h73km, 32km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like THIG, COM, SCX, etc.

IDC 07 18:05:10.1-8.8, 498S-151.47E, h125km, 76km, mb3.4/6, mb1 3.6/7, mb1mx3.4/16, mbmtpp3.4/7, Error ellipse: s-maj=44.4km s-min=29.7km az=86.0

NEIC 07 18:05:09.1-0.8, 495S-151.48E, Error ellipse: s-maj=29.3km s-min=13.3km az=111.0, New Britain region

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like CTA, WRAB, WRA, etc.

IDC 07 18:45:08.2-1.7, 377S-12815E, h0km, mb3.2/2, mb1 3.5/4, mb1mx3.3/19, mbtpm3.3/4, ML2.9, MS2.8/1, ms1mx2.8/1, s-min=27.2km az=71.0, Seram

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like KAPI, FITZ, WRA, etc.

ISCBJ 07 18:51:60.0-0.4, 723S-007.15606E-006, h51km, mb4.4/21, MS3.5/6, Error ellipse: s-maj=11.0km s-min=7.5km az=36.9

NEIC 07 18:52:01.5-0.4, 717S-15603E, mb4.5/10, Error ellipse: s-maj=10.1km s-min=8.6km az=88.0

BUI 07 18:52:01.4, 720S-15600E, h51km, mb4.8, mb4.3, Ms4.6, Ms2.4

IDC 07 18:52:01.4-0.5, 731S-15603E, h50km, mb4.0/10, mb1 4.1/12, mb1mx4.0/18, mbtpm4.0/12, MS3.5/7, Ms1 3.5/7, ms1mx3.2/23, Error ellipse: s-maj=15.4km s-min=11.6km az=46.0

ISCB 07 18:52:01.9-0.4, 723S-007.15605E-006, h53km, h53km, 1.7km, p-P, n42, e691/39, mb4.4/21, MS3.5/6, 2D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like HNR, WRA, etc.

2007 JUL

Main table with columns: Code, Station Name, Time, Res, and various parameters for stations like CTA, Charters Tower, WRAB, etc.

ISCB 07 18:52:56.1-0.7, 1043N-004.6268W-002, h1km, 6km, Error ellipse: s-maj=7.0km s-min=3.7km az=168.0

FUNV 07 18:52:56.6, 1042N-0262W, h5km, MW2.8, TRN 07 18:52:59.0, 1043N-0265W, h3km, MD3.3

NEIC 07 18:53:00.5, 1043N-0249W, h3km, MD3.3 (TRN), After TRN

ISCB 07 18:52:56.6-0.6, 1042N-004.6267W-002, h1km, 5km, n16, e0792.6, 2C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like GUNV, GUV, etc.

THE 07 19:00:14.3, 3934N-2007E, h0km, ML2.6

ISCBJ 07 19:00:15.7-0.7, 3938N-005-2027E-008, h21km, 6km, Error ellipse: s-maj=10.2km s-min=7.3km az=161.7

ATH 07 19:00:15.0, 3929N-2029E, h35km, 29km, MD3.1/3

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Table with columns: Code, Station Name, Time, Res, and various parameters for stations like IGT, KEK, etc.

IDC 07 19:13:37.8-0.9, 3002N-6956E, h0km, mb3.8/11, mb1 4.0/12, mb1mx3.8/27, mbtpm3.8/12, ML3.5/1, MS2.9/1, Ms1 3.0/1, ms1mx2.3/28, Error ellipse: s-maj=22.9km s-min=17.2km az=35.0

ISCBJ 07 19:13:41.8, 1.1, 3009N-005-6973E-007, h38km, 10km, mb3.9/16, Error ellipse: s-maj=11.3km s-min=5.6km az=140.8

NEIC 07 19:13:43.1-1.9, 3011N-6965E, h35km, 16km, mb4.0/5, Error ellipse: s-maj=15.4km s-min=9.2km az=210.0

BUI 07 19:13:43.1, 3010N-6970E, h35km, mb4.6, ms4.2, ISC 07 19:13:43.8-1.0, 3010N-005-6970E-007, h40km, 9km, n46, e1818/54, mb3.9/16, 3C, Pakistan

Table with columns: Code, Station Name, Time, Res, and various parameters for stations like Code, Station Name, Time, Res, and various parameters for stations like DRR, SARP, etc.

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time Res	h	m	s	ISC
URZ	Urewera	7.90 209	Pn	Pn	19 25 40.8	-3.2				
		1.9nm, 0.3s, baz=360, slow=20, SNR=11								
URZ	Urewera	7.90 209	Pn	Sn	19 27 13.1	+1.0				
		1.9nm, 0.3s, baz=310, slow=22, SNR=11								
RPZ	Rata Peaks	15.00 212	Pn	Pn	19 27 15.3	-5.5				
		0.9nm, 0.3s, baz=39, slow=19, SNR=3.8								
RPZ	Rata Peaks	15.00 212	Pn	Sn	19 29 53.5	-1.2				
		0.8nm, 0.3s, baz=7.5, slow=19, SNR=5.0								
EAD	Rarotonga	19.27 63	LR	LR	19 33 18.9					
		comp=2.142nm, 20.7s, baz=202, slow=30								
RIRS	Eidsvold	27.73 275	eP	P	19 39 29.2	+2.4				
		3.4nm, 1.0s, mb3.9								
PPT	Papeete	29.27 69	eLR	LR	19 37 02.0					
		15.9nm, 25.5s, baz=239								
PPT	Papeete	29.27 69	LR	LR	19 39 59.4					
		comp=2.94nm, 18.3s, MS3.5, baz=246, slow=34								
HNR	Honiara	29.90 312	LR	LR	19 40 11.1					
		comp=2.99nm, 20.3s, MS3.4, baz=182, slow=33								
CTA	Charters Tower	33.90 281	eP	P	19 30 32.1	+0.9				
		11nm, 1.1s, mb4.7								
CTA	Charters Tower	33.90 281	eP	P	19 30 31.4	+0.2				
		10.8nm, 0.8s, mb4.3, baz=96, slow=12, SNR=7.9								
CTAO	Charters Tower	33.90 281	eP	P	19 30 32.1	+0.9				
		24nm, 1.1s, mb5.0								
STKA	Stevens Creek	34.19 258	eP	P	19 30 35.1	+1.4				
		6.9nm, 0.8s, mb4.6								
STKA	Stevens Creek	34.19 258	eP	P	19 30 33.8	0.0				
		1.5nm, 0.5s, mb4.2, baz=304, slow=17, SNR=7.4								
ASAR	Alice Springs	42.99 268	eP	P	19 31 47.5	-0.2				
		comp=2.181nm, 19.4s, MS3.8, baz=28, slow=34								
ASAR	Alice Springs	42.99 268	eP	ScP	19 37 27.2	+1.1				
		0.9nm, 0.9s, baz=91, slow=4.3, SNR=4.5								
WB2	Warramunga Arr	44.06 273	eP	P	19 31 55.4	-0.9				
WB2	Warramunga Arr	44.06 273	eP	P	19 32 07.4	+0.8				
WRAB	Tennant Creek	44.06 273	eP	P	19 31 55.5	-0.7				
		33nm, 0.8s, mb5.1								
WRAB	Warramunga Arr	44.07 273	eP	pP	19 32 07.4	+0.8				
		5.4nm, 0.6s, mb4.5, baz=111, slow=8.1, SNR=9.4								
WRA	Warramunga Arr	44.07 273	eP	LR	19 50 12.7					
		comp=2.214nm, 20.1s, MS4.1, baz=120, slow=36								
SBA	Scott Base	47.04 184	eP	P	19 32 21.0	+1.9				
		8.9nm, 1.2s, mb4.6								
VNDA	Vanda	47.10 186	eP	P	19 32 20.9	+1.3				
		5.5nm, 1.5s, mb4.3								
VNDA	Vanda	47.10 186	eP	P	19 32 20.9	+1.4				
		0.7nm, 0.8s, mb3.6, baz=32, slow=10, SNR=4.0								
VNDA	Vanda	47.10 186	eP	LR	19 48 54.0					
		comp=2.33nm, 18.2s, MS3.3, baz=181, slow=32								
CASY	Casey	54.23 208	eP	P	19 33 12.8	-0.6				
		13nm, 1.0s, mb4.8								
QSPA	South Pole Qui	58.72 180	eP	P	19 33 44.2	-1.0				
QSPA	South Pole Qui	58.72 180	eP	pP	19 33 54.1	-1.7				
QSPA	South Pole Qui	58.72 180	eP	P	19 33 45.6					
QSPA	South Pole Qui	58.72 180	eP	P	19 33 45.7	+0.5				
MAW	Maunson	71.35 201	eP	P	19 35 07.2	-0.2				
		4.4nm, 1.0s, mb4.4, baz=37, slow=1.4, SNR=12								
TXAR	Lajitas Array	92.99 57	LR	LR	20 13 37.2					
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
CPUP	Villa Florida	99.43 129	LR	LR	20 15 44.4					
		comp=2.33nm, 18.4s, MS3.9, baz=152, slow=31								
KAF	Kangaroo Island	145.49 340	PKP	PKP	19 43 21.5	-3.5				
		comp=2.33nm, 18.4s, MS3.9, baz=152, slow=31								
FINES	FINES Array B	146.05 339	PKP	PKP	19 43 24.2	-2.7				
		4.3nm, 0.7s, baz=55, slow=4.3, SNR=4.9								
NB2	NORSAR Subarray A	147.72 351	PKP	PKP	19 43 35.0	-1.8				
		comp=2.3.0nm, 1.0s, baz=14, slow=2.5								
NOA	NORSAR Array B	149.72 351	PKP	PKP	19 43 37.0	+0.1				
		comp=2.1.5nm, 0.8s, baz=13, slow=2.4, SNR=3.6								
NOA	NORSAR Array B	149.72 351	PKP	PKP	19 43 37.0	+0.1				
		comp=2.1.5nm, 0.8s, baz=13, slow=2.4, SNR=3.6								
ASF	Jabal al Asfar	161.84 170	PKP	PKP	19 43 37.6	-1.6				
		comp=2.0.8nm, 0.4s, baz=42, slow=5.3, SNR=3.6								
AKASG	Malin Array Be	152.04 322	PKP	PKP	19 43 41.8	-0.9				
		comp=2.1.7nm, 0.6s, baz=50, slow=2.7, SNR=7.3								
TORD	Torodi Arr	161.84 170	PKP	PKP	19 44 33.5	-1.5				
		comp=2.1.5nm, 0.9s, baz=180, slow=3.5, SNR=12								

ISCJB 07 20:09:35.4-0.8, 3836N-2045E-007, h0^{km}, mb4.0/2, mb1 4.3/3, mb1mx3.7/17, mbtmp4.1/3, Error ellipse: s-maj=91.2km s-min=54.8km az=70.0, Fiji Islands region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time Res	h	m	s	ISC
URZ	Urewera	18.89 197	P	Pn	19 45 21.1	-0.9				
		0.9nm, 0.3s, baz=138, slow=12, SNR=6.9								
ASAR	Alice Springs	46.32 256	eP	P	19 49 27.5	+0.2				
		1.3nm, 0.5s, baz=93, slow=7.9, SNR=3.1								
WRA	Warramunga Arr	46.41 261	eP	P	19 49 27.9	-0.2				
		0.8nm, 0.3s, baz=97, slow=7.3, SNR=5.6								
AKASG	Malin Array Be	143.64 333	PKP	PKP	20 00 35.8	-0.4				
		1.2nm, 0.5s, baz=44, slow=4.1, SNR=5.9								

ISCJB 07 20:09:35.4-0.8, 3836N-2045E-007, h1^{km}, mb6km, Error ellipse: s-maj=9.9km s-min=3.8km az=158.3

ATH 07 20:09:35.7, 3836N-2053E, h5^{km}, km, MD3.8/6
CSEM 07 20:09:36.1-0.1, 3836N-2049E, h5^{km}, MD3.8, Error ellipse: s-maj=4.4km s-min=2.3km az=68.0
NEIC 07 20:09:36.3, 3836N-2046E, h0^{km}, ML3.7, (THE), After THE.

THE 07 20:09:36.3, 3836N-2046E, h0^{km}, ML3.7
ISC 07 20:09:35.8-0.8, 3836N-003-2047E-007, h0^{km}, mb6km, n25, +f12/31, 1C, Greece

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time Res	h	m	s	ISC
VLS	Valsamata	0.21 154	eP	Pg	20 09 39.9	+0.1				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
VLS	Valsamata	0.21 154	eP	Sg	20 09 43.5	+1.1				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
KFL	Anninatas	0.35 136	eP	Pg	20 09 39.8	+0.1				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
KFL	Anninatas	0.35 136	eP	Sg	20 09 48.7	+1.5				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
LKD	Lekvas	0.37 22	eP	Pg	20 09 42.6	-0.3				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
LKD	Lekvas	0.37 22	eP	Sg	20 09 48.6	+0.9				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
RLS	Riolos of Patr	0.84 111	eP	Pb	20 09 51.2	-0.2				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
RLS	Riolos of Patr	0.84 111	eP	Pb	20 09 51.3	-1.9				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
IGT	Igoumenitsa	1.17 355	eP	Pg	20 09 57.9	-0.4				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
IGT	Igoumenitsa	1.17 355	eP	Sg	20 10 16.1	+2.6				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
EVR	Evyrtania	1.18 62	eP	Pb	20 09 57.5	-1.6				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
JAN	Janina	1.32 13	eP	Pb	20 10 00.8	-0.7				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
KEK	Keirika	1.45 339	eP	Pb	20 10 03.5	-0.1				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
MEV	Merkovon	1.54 22	eP	Pg	20 10 05.4	-0.1				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
AGG	Agios Georgios	1.59 65	eP	Pg	20 10 04.7	-0.6				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
ITM	Ithomi	1.65 135	eP	Sb	20 10 07.0	0.0				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
ITM	Ithomi	1.65 135	eP	Sb	20 10 08.7	+0.3				
		comp=2.33nm, 18.2s, MS3.8, baz=10.0, slow=32								
PYL	Pylos	1.78 145	eP	Pb	20 10 07.3	-1.9				
		comp=2.33nm,								

7d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJAR Matushiro Arr, MAJO Matushiro, MAT Dalian, CTA Charters Tower, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA, STKA, ODAN, RAMM, ADE, HABR, etc.

2008

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR Yakutsk, KZA Kyzart, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IMA2, SKLM, PMR, MCK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CPUP, LPAZ, DDA, CSEM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Msz3.8, JMA, etc.

Stn	Call	Mag	Dist	Mag	Time	Res
DANN	Dangsing	40.53	281 eP	P	20 43 21.7	+0.6
MK31	Makanchi Array	41.27	310 P	P	20 43 26.3	-0.6
MKAN	Makanchi Array	41.27	310 P	P	20 43 25.8	-1.2
comp=Z,1.0m,0.4s,mb3.8,baz=95,slow=9.9,SNR=17						
MKAN	comp=Z,1.0m,0.6s,baz=88,slow=4.0,SNR=7.5				20 45 25.2	+0.1
ZAAO	Zalesovo Array	41.44	321 eP	P	20 43 27.4	-0.9
ZALV	Zalesovo Beam	41.44	321 P	P	20 43 27.6	-0.7
comp=Z,4.0m,0.4s,mb4.5,baz=107,slow=8.9,SNR=23						
ZALV	comp=Z,1.0m,0.7s,baz=108,slow=3.3,SNR=4.1				20 45 25.5	-0.1
KURK	Kurchatov	44.31	315 eP	P	20 43 50.8	-0.8
comp=Z,1.6m,0.3s,mb4.2						
TKM2	Tokmak 2	45.43	303 eP	P	20 44 02.7	-0.3
UCH	Uchter	46.74	302 eP	P	20 44 08.6	-0.8
comp=Z,4.6m,0.8s,mb4.5						
EKS2	Erkin-Say	47.07	307 P	P	20 44 11.6	-1.9
comp=Z,2.0m,0.9s,mb4.0						
WRA	Warramunga Arr	48.40	175 P	P	20 44 23.6	-0.3
comp=Z,0.7m,0.7s,mb3.8,baz=350,slow=8.6,SNR=5.3						
BRVK	Borovoye	49.73	317 eP	P	20 44 33.9	0.0
comp=Z,1.4m,0.8s,mb5.0						
KBL	Kabl	50.68	293 eP	P	20 44 45.9	+0.6
comp=Z,1.1m,1.0s,mb4.8						
ASAR	Alice Springs	52.06	176 P	P	20 44 52.0	+0.5
comp=Z,1.1m,0.9s,mb3.8,baz=1.5,slow=6.9,SNR=8.1						
ARU	Arti	56.32	321 P	P	20 45 23.6	-0.8
comp=Z,3.7m,0.4s,mb4.8						
ARCES	ARCCESS Array B	68.44	339 P	P	20 46 41.4	-1.8
comp=Z,1.1m,0.6s,mb4.1,baz=69,slow=6.6,SNR=5.3						
JOF	Joensuu	68.81	331 eP	P	20 46 44.8	-0.7
comp=Z,1.8m,0.3s,mb4.0						
UMR	Umm Al-Rimmam	70.42	294 eP	P	20 46 56.0	0.0
comp=Z,2.0m,0.6s,mb4.9,baz=294						
UMR	comp=Z,1.1m,0.7s,mb4.9,baz=294				20 46 57.1	
QRN	AI-Qurain	70.56	293 eP	P	20 46 56.5	-0.5
comp=Z,1.3m,0.6s,mb4.9,baz=293						
QRN	RDN	70.79	293 eP	P	20 46 58.4	+0.1
comp=Z,1.3m,0.7s,mb4.0,baz=306,slow=5.2,SNR=7.1						
RDF	Al-Radifah	70.79	293 eP	P	20 46 58.4	+0.1
comp=Z,1.5m,0.4s,mb4.3,baz=294						
NAY	AI-Nasaim	70.51	293 eP	P	20 46 58.8	-0.3
comp=Z,1.3m,0.7s,mb4.0,baz=294						
NAY	Kangasneim	71.26	331 eP	P	20 47 00.4	-0.2
comp=Z,1.0m,0.3s,mb4.2,baz=294						
FINES	FINES Array B	71.65	331 P	P	20 47 02.2	-0.7
comp=Z,2.2m,0.6s,mb4.4,baz=62,slow=6.1,SNR=24						
MALT	Malatya	74.12	305 eP	P	20 47 19.4	+1.4
comp=Z,3.5m,0.4s,mb4.6,baz=59,slow=6.2,SNR=12						
AKASG	Main Array B	74.83	320 P	P	20 47 21.2	-0.7
comp=Z,3.5m,0.4s,mb4.6,baz=59,slow=6.2,SNR=12						
AKSB	Main Array Si	74.83	320 P	P	20 47 21.4	+0.6
comp=Z,1.6m,0.8s,mb4.0,baz=306,slow=5.2,SNR=7.1						
YKA	Yellowknife Arr	75.72	26 P	P	20 47 27.5	-0.7
comp=Z,1.3m,0.7s,mb4.0,baz=306,slow=5.2,SNR=7.1						
NB2	NORSAR Subarra	77.95	334 P	P	20 47 38.2	-1.2
comp=Z,1.6m,0.8s,mb4.0,baz=306,slow=5.2,SNR=7.1						
NOA	NORSAR Arr B	77.95	334 P	P	20 47 38.3	-1.1
comp=Z,1.6m,0.8s,mb4.0,baz=306,slow=5.2,SNR=7.1						
CLL	Collim	83.17	326 iJP	P	20 48 07.2	-0.4
comp=Z,2.0m,1.0s,mb4.7						
CLL	comp=Z,1.00m,1.9s				21 15 00.0	
GERES	GERESS Array B	84.32	324 P	P	20 48 14.0	+0.5
comp=Z,1.1m,0.7s,mb4.1,baz=35,slow=4.9,SNR=11						
GRA1	Grafenberg Arr	85.07	325 eP	P	20 48 17.5	+0.2

ISC 07 20:55:42.3:56.0, 1416S:17468W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/16, mbtmp3.7/3, Error ellipse: s-maj=107.0km s-min=180.4km az=76.0, Samoa Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
STKA	Stevens Creek	43.60	239	Op	P	21 03 49.5	+1.0
WRA	Warramunga Arr	48.32	256 P	P	P	21 04 30.7	+0.1
ASAR	Alice Springs	49.33	251 P	P	P	21 04 32.9	-0.8
comp=Z,1.3m,0.5s,baz=89,slow=7.7,SNR=42							

ISC 07 21:16:23.5:7.2949S:17753W, h0km, mb3.3/2, mb1 3.5/2, mb1mx3.4/14, mbtmp3.3/2, Error ellipse: s-maj=337.4km s-min=77.0km az=166.0, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
ASAR	Alice Springs	43.25	265 Op	Op	P	21 24 27.1	-0.5
WRA	Warramunga Arr	44.39	271 P	P	P	21 24 35.4	+0.4
FINES	FINES Array B	144.36	341 PKP	PKP	P	21 36 00.2	-0.5
comp=Z,1.0m,0.4s,baz=46,slow=4.0,SNR=14							

THE 07 21:41:53.3:3930N:2008E, h6km, ML2.3
 ISCJB 07 21:41:54.3:0.9, 3928N:003.2020E:0.09, h10km, Error ellipse: s-maj=10.5km s-min=4.8km az=7.1
 CSEM 07 21:41:55.5:0.2, 3930N:2028E, h2km, ML2.3, Error ellipse: s-maj=7.6km s-min=4.0km az=88.0
 ATH 07 21:41:55.3:3928N:2025E, h10km, MD2.9/3
 ISC 07 21:41:54.4:1.0, 3930N:004.202E:0.1, h11km, n8, s=1510/11, Greece-Albania border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
IGT	Igoumenitsa	0.27	29 eP	Op	P	21 41 59.5	-0.4
IGT	Kerkira	0.50	326 eP	Op	P	21 42 03.8	+0.2
IGT	Ianina	0.64	36 eP	Op	P	21 42 06.7	-0.9
LKD	Levkas	0.70	147 eP	Op	P	21 42 06.5	-1.5
MEV	Metsovon	0.95	59 eP	Op	P	21 42 11.6	-1.2
MEV	Valsamata	1.17	163 eP	Op	P	21 42 27.4	+2.1
VLS	Valsamata	1.17	163 eP	Op	P	21 42 16.4	-0.5
VLS	Valsamata	1.17	163 eP	Op	P	21 42 33.5	+1.4
VLS	Valsamata	1.17	163 eP	Op	P	21 42 17.0	-0.4
VLS	Valsamata	1.17	163 eP	Op	P	21 42 17.0	+0.4
VLS	Valsamata	1.17	163 eP	Op	P	21 42 33.5	+1.4

ISC 07 21:47:55.5:2.6, 482N:9348E, h0km, mb3.6/3, mb1 3.6/5, mb1mx3.4/24, mbtmp3.5/5, ML3.5/2, Error ellipse: s-maj=85.6km s-min=24.8km az=56.0, Off west coast of north Sumatra

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
PSI	Prapat	5.79	110 Pn	Pn	P	21 49 22.6	-0.1
comp=Z,0.3s,baz=326,slow=11,SNR=5.1							
MKAN	Chiang Mai Arr	14.57	319 Pn	Pn	P	21 54 26.4	+1.5
comp=Z,2.2m,1.2s,mb4.5,baz=59							
MKAN	Makanchi Array	42.92	349 P	P	P	21 55 56.0	0.0
comp=Z,0.7m,0.6s,baz=161,slow=7.3,SNR=6.4							
ASAR	Alice Springs	48.52	127 eP	P	P	21 56 40.9	+0.3
comp=Z,0.9m,0.7s,baz=312,slow=8.3,SNR=3.0							
ZALV	Zalesovo Beam	49.49	353 P	P	P	21 56 47.0	-0.5
comp=Z,0.5m,0.3s,baz=176,slow=6.6,SNR=4.4							

ISCJB 07 22:03:54.0:2.1, 356N:02:274E:0.1, h5km, mb3.6/6, Error ellipse: s-maj=30.6km s-min=10.6km az=156.6
 ATH 07 22:03:54.1, 3555N:2743E, h5km, MD3.5/4

CSEM 07 22:03:54.6, 3564N:2736E, h5km, MD3.5/5, After ATH
 NEIC 07 22:03:54.6, 3564N:2736E, h5km, MD3.5(ATH), After ATH

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
KARP	Karpathos	0.35	309 iJP	iJP	P	22 03 58.1	-1.0
ARG	Archangelos	1.02	30 eP	Pg	P	22 04 11.0	-1.6
NPS	Neapolis	1.54	26 eP	Pb	P	22 04 22.5	+1.1
BDRM	Kayabasi	1.73	359 eP	Pn	P	22 04 22.8	-0.4
AKAS	Kas	1.94	62 iP	iP	P	22 04 49.5	+1.4
AKAS	Kas	1.94	62 iP	iP	P	22 04 37.7	+1.5
AYDN	Tasoluk	2.35	8 iP	iP	P	22 04 30.9	-0.8
AYDN	Tasoluk	2.35	8 iP	iP	P	22 04 46.8	-1.4
VAM	Vamos	2.69	273 ePn	ePn	P	22 04 41.0	0.0
VLI	Vamos	3.94	292 ePn	ePn	P	22 04 53.5	-0.1

ISC 07 22:07:26.9:2.2, 4659N:15557E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.5/22, mbtmp3.6/5, ML3.0/1, Error ellipse: s-maj=62.9km s-min=30.3km az=5.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
ISCJB	07 22:07:31.7:1.7, 470N:02:1556E:0.3, h33km, mb3.7/4, Error ellipse: s-maj=34.7km s-min=19.3km az=142.1 MOS 07 22:07:31.8:2.2, 4698N:15548E, h37km, mb4.1/2, Error ellipse: s-maj=71.3km s-min=35.7km az=90.3 ISC 07 22:07:33.4:1.8, 4699N:02:1556E:0.3, h35km, m9, s=81/9, mb3.7/4, East of Kuril Islands						

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
PETK	Petropavlovsk	6.39	11 Pn	Pn	P	22 09 05.2	+0.3
comp=Z,0.3s,baz=196,slow=15,SNR=6.2							
PET	Petropavlovsk	6.47	17 Pn	Pn	P	22 09 05.3	-0.7
ZALV	Zalesovo Beam	43.93	306 P	P	P	22 15 37.0	+0.6
comp=Z,0.4m,0.3s,mb3.6,baz=59,slow=7.7,SNR=2.7							
MKAN	Makanchi Array	48.40	298 P	P	P	22 16 09.9	-1.7
comp=Z,0.7m,mb3.5,baz=65,slow=6.3,SNR=5.2							
FINES	FINES Array B	64.36	336 P	P	P	22 18 07.7	+0.7
comp=Z,0.6m,0.5s,mb3.9,baz=39,slow=3.3,SNR=5.9							
FINES	FINES Array B	64.36	336 P	P	P	22 18 07.7	+0.7
comp=Z,1.0m,0.5s							
TXAR	Lajitas Array	75.93	62 P	P	P	22 19 16.5	0.0
comp=Z,0.7m,0.6s,mb3.8,baz=300,slow=3.8,SNR=15							
TXAR	Lajitas Array	75.93	62 P	P	P	22 19 16.5	0.0
comp=Z,1.0m,0.6s							

SZGRF 07 22:09:00.9, 2123S:17829W, h33km, Fiji Islands region
 ISCJB 07 22:10:01.8:1.0, 2026S:007:17850W:0.08, h554km, 12km, mb4.2/29, Error ellipse: s-maj=14.2km s-min=8.1km az=39.6
 NEIC 07 22:10:03.5:1.0, 2014S:17849W, h562km, 11km, mb4.5/16, Error ellipse: s-maj=13.4km s-min=7.3km az=134.0
 BGS 07 22:10:03.4:4.2, 2014S:17849W, h562km, mb4.5(NEIC)
 ISC 07 22:10:06.7:1.6, 2031S:17853W, h596km, 18km, mb3.6/16, mb1 3.8/16, mb1mx3.8/18, mbtmp3.6/16, Error ellipse: s-maj=19.0km s-min=10.6km az=142.0
 ISC 07 22:10:02.5:1.0, 2023S:17843W:0.09, h548km, 12km, n166, s=93/45, mb4.2/29, 17C-12D, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
AFI	Afihamu	8.94	46 eP	eP	P	22 12 09.7	+0.1
comp=Z,76m,0.8s							
AFI	Afihamu	8.94	46 eP	eP	P	22 12 10.3	+0.7
comp=Z,8.9m,0.3s,baz=41,slow=2.9,SNR=15							
URZ	Fitzroy Crossi	16.38	191 P	P	P	22 13 52.9	-1.0
comp=Z,6.8m,0.3s,baz=26,slow=23,SNR=4.7							
RPZ	Rata Peaks	25.02	198 P	P	P	22 13 40.5	-3.2
comp=Z,1.7m,0.3s,baz=15,slow=3.3,SNR=25							
CTA	Charters Tower	33.12	264 eP	eP	P	22 14 44.5	+1.3
comp=Z,9.2m,0.5s,mb4.7,baz=292,slow=2.2,SNR=4.2							
CTA	Charters Tower	33.12	264 eP	eP	P	22 15 54.7	+0.9
comp=Z,6.7m,0.5s,mb4.8,baz=292,slow=2.2,SNR=4.2							
STKA	Stevens Creek	37.55	244 eP	eP	P	22 16 31.0	+0.7
comp=Z,4.9m,0.6s,mb4.2							
STKA	Stevens Creek	37.55	244 P	P	P	22 16 31.0	+0.6
comp=Z,6.7m,0.8s,mb4.2,baz=109,slow=7.6,SNR=12							
ASAR	Alice Springs	44.19	257 P	P	P	22 17 23.4	+0.1
comp=Z,3.3m,0.6s,mb4.1,baz=92,slow=7.6,SNR=77							
ASAR	comp=Z,1.3m,0.8s,baz=94,slow=16,SNR=8.0				22 17 17.0	-6.6	
WB2	Warramunga Arr	44.23	262 P	P	P	22 17 23.3	-0.4
comp=Z,4.4m,0.7s,mb4.1,baz=99,							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOTA, SOTA, HAU, CRES, QUIT, LJU, HINF, BOUS, SSF, CABF, MFF, TCF, ESCD, TORD.

IDC 07 22:20:23.8-3.1, 2931N, 14117E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4, mb20, mbtmp3.6/4, Error ellipse: s-maj=137.4km s-min=32.3km az=74.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, ASAR, BVAR, FINES.

ISCJB 07 22:44:25.7±0.2, 1518S±0.04, 7516W±0.04, h30km, mb5.0/104, MS4.2/19, Error ellipse: s-maj=6.6km s-min=3.4km az=136.9

MOS 07 22:44:26.2±0.9, 1511S±7.12W, h33km, mb5.1/40, Error ellipse: s-maj=9.7km s-min=6.5km az=102.7

GCMT 07 22:44:27.4±0.5, 1510S±7.40W, h35km, 1km, MW5.0/53, Moment Tensor Solution: s30, c35, s53, c66; Duration: 0 Moment Tensor Scale: 101Nm; M3.67±.19; M2.0±0.06±.11; M1-3.7±.14; M1-0.10±.12; M1-1.2±.15; Best double couple: M1.09700±10.16; NP1±335.00000°, s37.00000°, 1.78.00000°. NP2: s170.00000°, s54.00000°, 1.99.00000°. Principal axes: T 3.8990, Plg79.0000°, Azm116.0000°; N 0.4000, Plg7.0000°, Azm345.0000°; P -4.2950, Plg8.0000°, Azm254.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 07 22:44:27.4±0.2, 1517S±7.09W, mb5.0/80, MS4.2/3, ML4.8(LIM) Error ellipse: s-maj=6.5km s-min=3.5km az=55.0

NEIC Feat [III] at San Juan de Marcona and [II] at Nazca. BUJ 07 22:44:27.0 ± 0.15, 20S, 75.10W, h30km, mb5.1

IDC 07 22:44:27.4±0.5, 1516S±7.12W, h30km, 3km, mb4.7/17, mb1 4.7/24, mb1mx4.6/26, mbtmp4.6/24, ML4.1/5, MS4.1/19, Ms1 4.1/19, ms1mx4.0/32, Error ellipse: s-maj=17.9km s-min=10.5km az=72.0

ISC 07 22:44:27.9±0.2, 1518S±0.03, 7504W±0.04, h32km, h32km, 4km; p-P, n455, s0578/412, mb5.0/104, MS4.2/18, 67C-68D, Near coast of Peru

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNA, ARE, LPAZ, ATAH, ANCH, LVC, TLL, OFAV, CFAA, FCH, CPUP, ROSC, SDV, TRQA, PLCA, PCLF, BDFB, TEIG, USHA.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOGA, HKT, HKT, HKT, LCHS, CPCT, SWET, SWET, JCT, JCT, PLAL, PLAL, TXAR, TXAR, BLA, BLA, BLA, WVT, WVT, WVT, WVT, MIAR, MIAR, MIAR, WCI, WCI, WCI, SDMD, WMOK, WMOK, WMOK, GDL2, MVL, CCM, CCM, CCM, ACSO, BRYV, BINY, 318A, 219A, BNM, KSU1, 218A, LPM, 119A, 217A, ANMO, ANMO, 118A, Z19A, ACCN, TUC, 216A, 117A, Y19A, 116A, X19A, 214A, SCIA, Y17A, 115A, W19A, FRNY, W16A, W18A, MSNY, SDCO, V19A, X16A, Z14A, Y15A, X15A, Y14A, W16A, U18A, WUAZ, WUAZ, X14A, Y13A, U16A, U17A, T18A, X19A.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PV01, ISCO, X13A, SMCO, ECSD, S18A, V14A, IRM, U15A, R18A, PFO, PFO, PFO, P13A, V13A, PHWY, GMRC, T14A, SRU, U12A, V11A, T13A, Q16A, R15A, MSU, ARUT, RWY, S13A, GSC, T11A, EYMN, EYMN, Q14A, RSSD, RSSD, RSSD, DDU, P13A, TPNV, TPNV, TPNV, MPMC, R12A, JLU, BBTS, P14M, Q13A, ISA, O15A, DUG, P13A, R11A, Q12A, S10A, BW06, AGMN, AGMN, P12A, S09A, N14A, R09A, S08C, O12A, MTUM, L10A, REDW, LOHW, ELK, NVAR, O10A, L13A, S06C, R10C, ULM, ULM, VNA1, VNA1, K12A, L11A, PAHR, DMGT, L10A, M09A, HLID, I13A, BOZ, BOZ, BOZ, G15A, L09A, MFID.

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7d 22h	K10A	MacKenzie Ranc baz=70,SNR=10	69.29 328	↑P	P	22 55 32.2 +0.2	PBDV	Barranco-do-Ve comp=Z,55nm,2.0s,mb5.1	81.78 48	eP	P	22 56 46.1 +2.3	QUIF	Quistinic comp=Z,3.0nm,0.7s,mb4.7	89.45 40	eP	P	22 57 20.7 -0.9
	H13A	Challis baz=70,SNR=9.6	69.34 331	↑P	P	22 55 32.4 +0.1	PBDV	Barranco-do-Ve comp=Z,107nm,18.4s	81.78 48	eLR	LR	23 27 52.1	ROSF	Rostrenen comp=Z,4.0nm,0.7s,mb4.9	89.55 39	eP	P	22 57 21.4 -0.7
	N06A	Buffalo Meadow baz=70,SNR=12	69.42 325	↑P	P	22 55 33.1 +0.2	VNDA	Vanda comp=Z,6.8nm,1.0s,mb4.5,baz=126,slow=5.1,SNR=24	82.00 191	P	P	22 56 45.0 +0.7	EBIE	Bielsa comp=Z,4.2nm,0.7s,mb4.9	89.64 45	eP	P	22 57 22.4 -0.2
	F15A	Butte baz=70	69.52 333	↑P	P	22 55 33.3 0.0	PVAQ	Vaqueiros comp=Z,82nm,17.2s	82.01 48	eP	P	22 56 46.7 +1.7	EPOB	Poblet comp=Z,33nm,3.2s	89.82 47	P	P	22 57 23.2 -0.3
	ORV	Oroville baz=70,SNR=13	69.56 331	↑P	P	22 55 34.1 +0.3	PVAQ	Vaqueiros comp=Z,38nm,1.3s,mb4.9	82.01 48	eLR	LR	23 29 57.7	EPF	Esparrós comp=Z,2.0nm,0.8s,mb4.5	89.90 45	eP	P	22 57 23.6 -0.2
	H12A	Diamond D Ranc baz=70,SNR=7.5	69.61 323	↑P	P	22 55 34.2 +0.2	EVO	Evora comp=Z,2.9nm,1.7s	82.29 47	eP	P	22 56 44.3 -2.1	EPF	Esparrós comp=Z,2.0nm,0.8s,mb4.5	89.90 45	eP	P	22 57 23.6 -0.2
	L08A	Fields baz=70	69.63 327	↑P	P	22 55 34.2 +0.1	EVO	Evora comp=Z,164nm,20.8s,MS4.1	82.29 47	eMLR	MLR	22 56 49.0 +1.5	EPF	Esparrós comp=Z,2.0nm,0.8s,mb4.5	89.90 45	eP	P	22 57 23.6 -0.2
	I11A	Placerville baz=70,SNR=5.0	69.66 330	↑P	P	22 55 34.1 -0.2	PTOM	Tomaz comp=Z,35nm,0.9s,mb5.3	82.40 46	eP	P	22 56 58.6 +0.9	EPF	Esparrós comp=Z,2.0nm,0.8s,mb4.5	89.90 45	eP	P	22 57 22.2 -1.8
	K09A	Rome baz=70,SNR=11	69.67 328	↑P	P	22 55 34.5 +0.2	PTOM	Tomaz comp=Z,123nm,17.9s	82.74 47	eP	P	22 56 49.5 +0.7	SGMF	Saint Gilles comp=Z,1.2nm,0.9s,mb4.9	89.96 40	eP	P	22 57 22.2 -1.8
	J10A	Berg Farm, Mel baz=70	69.71 329	↑P	P	22 55 34.2 -0.4	PESTR	Estremoz comp=Z,11nm,0.9s,mb4.9	82.74 47	eLR	LR	23 28 59.1	SGMF	Saint Gilles comp=Z,6.3nm,0.9s,mb5.0	89.96 40	eP	P	22 57 22.2 -1.8
	G13A	Cobalt baz=70,SNR=9.3	69.73 332	↑P	P	22 55 34.9 +0.2	PBAR	Barrancos comp=Z,20nm,1.9s,mb4.8	82.83 47	eP	P	22 56 50.5 +1.3	SGMF	Saint Gilles comp=Z,6.0nm,0.9s,mb4.9	89.96 40	eP	P	22 57 22.2 -1.8
	F14A	Wisdom baz=70	69.89 332	↑P	P	22 55 35.9 +0.3	PBAR	Barrancos comp=Z,123nm,17.9s	82.83 47	eLR	LR	23 30 02.3	LFF	La Frestelle comp=Z,10.0nm,0.7s,mb5.0	90.84 44	eP	P	22 57 27.5 -0.7
	E15A	Deer Lodge baz=70	70.04 333	↑P	P	22 55 36.5 -0.1	EMIN	Evora comp=Z,1.1nm,0.9s,mb4.9	83.09 47	P	P	22 56 52.2 +1.6	LFF	La Frestelle comp=Z,5.0nm,0.7s,mb5.0	90.84 44	eP	P	22 57 27.5 -0.7
	SCHO	Schefferville comp=Z,4.9nm,0.8s,mb4.5,baz=209,slow=6.7,SNR=5.1	70.08 5	P	P	22 55 35.0 -1.6	EBAD	Badajoz comp=Z,7.8nm,0.8s,mb4.8	83.09 47	P	P	22 56 50.4 -0.3	LFF	La Frestelle comp=Z,5.0nm,0.7s,mb5.0	90.84 44	eP	P	22 57 27.5 -0.7
	SNA	Sanae comp=Z,101nm,20.8s,MS4.0,baz=230,slow=37	70.11 161	eP	P	22 55 36.7 0.0	PMRV	Marv?? comp=Z,153nm,19.7s	83.12 46	eLR	LR	22 57 01.3 +0.4	MFF	Saint Martin d comp=Z,4.8nm,0.7s,mb4.7	90.86 42	eP	P	22 57 27.4 -0.8
	SNA	Sanae comp=Z,9.9nm,0.6s,mb4.9,baz=280,slow=6.4,SNR=260	70.11 161	eP	P	22 55 36.8 +0.1	ESPR	Espera comp=Z,1.3nm,0.9s,mb5.0	83.12 49	P	P	22 56 53.8 +3.0	MFF	Saint Martin d comp=Z,2.0nm,0.6s,mb4.6	90.86 42	eP	P	22 57 27.4 -0.8
	EGMT	Eagleton comp=Z,12nm,1.0s,mb4.8	70.12 336	eP	P	22 55 36.9 -0.1	EJIF	Jimena Fronter comp=Z,360nm,3.8s	83.23 50	P	P	22 56 53.8 +2.4	MFF	Saint Martin d comp=Z,2.0nm,0.6s,mb4.6	90.86 42	eP	P	22 57 27.4 -0.8
	EGMT	Eagleton baz=70,SNR=6.0	70.12 336	↑P	P	22 55 36.5 -0.5	EJIF	Jimena Fronter comp=Z,360nm,3.8s	83.23 50	P	P	22 56 53.8 +2.4	GRR	Gorron comp=Z,30nm,1.1s,mb5.2	91.06 40	eP	P	22 57 28.1 -1.0
	F13A	Darby baz=70,SNR=11	70.30 332	↑P	P	22 55 38.1 -0.1	PCBR	Castelo Branco comp=Z,13nm,1.7s,mb4.7	83.24 46	P	P	22 56 52.4 +1.1	GRR	Gorron comp=Z,15nm,1.1s,mb5.2	91.06 40	eP	P	22 57 28.1 -1.0
	E14A	Clinton baz=71,SNR=6.1	70.41 333	↑P	P	22 55 39.1 +0.3	PVIV	Viseu comp=Z,28nm,1.4s,mb5.1	83.34 45	eP	P	22 57 01.6 +0.1	GRR	Gorron comp=Z,15nm,1.1s,mb5.2	91.06 40	eP	P	22 57 28.1 -1.0
	MOD	Modoc baz=71,SNR=6.0	70.47 326	eP	P	22 55 39.9 +0.6	PVIV	Viseu comp=Z,28nm,1.4s,mb5.1	83.34 45	eP	P	22 56 52.6 +0.8	MTLF	Montioleu comp=Z,9.5nm,1.2s,mb4.7	91.29 45	eP	P	22 57 29.5 -0.8
	MOD	Modoc baz=71,SNR=6.0	70.47 326	eP	P	22 55 39.9 +0.6	PVIV	Viseu comp=Z,28nm,1.4s,mb5.1	83.34 45	eP	P	22 56 52.6 +0.8	MTLF	Montioleu comp=Z,9.5nm,1.2s,mb4.7	91.29 45	eP	P	22 57 29.5 -0.8
	M05C	Lookout baz=71,SNR=5.4	70.56 325	↑P	P	22 55 39.8 -0.1	PVIV	Viseu comp=Z,28nm,1.4s,mb5.1	83.34 45	eP	P	22 57 02.0 0.0	MTLF	Montioleu comp=Z,9.5nm,1.2s,mb4.7	91.29 45	eP	P	22 57 29.5 -0.8
	LTIM	Timbered Crote baz=71,SNR=5.4	70.63 325	P	P	22 55 40.5 +0.1	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	MTLF	Montioleu comp=Z,9.5nm,1.2s,mb4.7	91.29 45	eP	P	22 57 29.5 -0.8
	CHMT	Chamberlain Mo baz=71,SNR=7.0	70.70 331	↑P	P	22 55 40.5 -0.2	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	MTLF	Montioleu comp=Z,9.5nm,1.2s,mb4.7	91.29 45	eP	P	22 57 29.5 -0.8
	F12A	Elk City baz=71,SNR=7.0	70.70 331	↑P	P	22 55 40.5 -0.2	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	E13A	Victor baz=71,SNR=6.7	70.71 332	↑P	P	22 55 40.7 -0.1	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	G11A	Walters Elk Ra baz=71,SNR=12	70.91 331	↑P	P	22 55 41.6 -0.3	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	MSO	Missoula baz=71,SNR=6.1	70.92 333	eP	P	22 55 42.0 +0.1	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	MSO	Missoula baz=71,SNR=6.1	70.92 333	eP	P	22 55 41.6 -0.3	YKA	Yellowknife Ar comp=Z,2.1nm,0.8s,mb4.2,baz=137,slow=4.9,SNR=3.9	83.38 343	P	P	22 56 50.4 -1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	D14A	Greenough baz=71	70.93 333	↑P	P	22 55 41.7 -0.2	MTE	Manteigas comp=Z,34nm,1.3s,mb5.2	83.44 45	eP	P	22 57 02.8 +0.3	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	BMO	Blue Mountains baz=71	71.01 330	eP	P	22 55 42.4 +0.1	MTE	Manteigas comp=Z,34nm,1.3s,mb5.2	83.44 45	eP	P	22 57 02.8 +0.3	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	K06A	Valley Falls baz=71,SNR=14	71.06 326	↑P	P	22 55 43.3 +0.5	MTE	Manteigas comp=Z,115nm,18.9s	83.44 45	eLR	LR	23 24 42.9	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	PPT	Papeete comp=Z,152nm,24.8s	71.11 256	eLR	LR	23 17 11.6	MTE	Manteigas comp=Z,14nm,0.9s,mb5.0	83.44 45	eP	P	22 56 53.5 +1.2	FLN	La Foliniere comp=Z,13nm,0.8s,mb5.0	91.43 40	eP	P	22 57 30.0 -0.8
	F11A	Grangeville baz=71,SNR=11	71.22 331	↑P	P	22 55 43.3 -0.4	MTE	Manteigas comp=Z,14nm,0.9s,mb5.0	83.44 45	eP	P	22 56 53.5 +1.2	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	G10A	Bishop Farm, J baz=71,SNR=7.5	71.24 330	↑P	P	22 55 44.1 +0.2	PCAB	Cabril comp=Z,31nm,1.3s,mb5.3	83.69 44	eP	P	22 56 52.8 -0.8	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	J06A	Christmas Vall baz=72,SNR=14	71.32 327	P	P	22 55 44.6 +0.2	PCAB	Cabril comp=Z,31nm,1.3s,mb5.3	83.69 44	eP	P	22 56 52.8 -0.8	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	D13A	Huson baz=72	71.35 333	↑P	P	22 55 44.7 +0.2	ELOB	Lobios comp=Z,172nm,4.2s	83.74 44	P	P	22 57 04.0 +0.2	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	H08A	Prairie City baz=72,SNR=12	71.44 329	↑P	P	22 55 45.6 +0.2	EMIJ	Mijas comp=Z,9.4nm,0.7s,mb5.0	83.79 50	P	P	22 56 55.7 +1.5	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	G09A	Cove baz=72,SNR=11	71.55 330	↑P	P	22 55 45.8 0.0	STJ	Santiago comp=Z,45nm,2.4s,mb5.2	83.88 43	P	P	22 56 54.1 -0.5	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	I07A	Izeze baz=72,SNR=7.7	71.83 328	↑P	P	22 55 46.1 +0.2	STJ	Santiago comp=Z,45nm,2.4s,mb5.2	83.88 43	P	P	22 56 54.1 -0.4	RJF	Les Rejaudoux comp=Z,1.1nm,1.1s,mb4.8	91.49 43	eP	P	22 57 30.2 -1.0
	C14A	Swan Lake baz=72	71.56 334	↑P	P	22 55 46.2 +0.4	MVO	Moncorvo comp=Z,45nm,2.4s,mb5.2	84.13 45	eLR	LR	23 25 50.8	LDF	La Druitiere comp=Z,120nm,21.8s,MS4.3	91.59 40	eP	P	22 57 30.7 -0.9
	E11A	Bogner Ranch, baz=72,SNR=5.7	71.59 331	P	P	22 55 45.9 -0.1	SYO	Syowa Base comp=Z,74nm,18.8s	84.40 161	eP	P	22 56 55.4 -1.4	LDF	La Druitiere comp=Z,120nm,21.8s,MS4				

Table with columns: CTAO, Charters Tower, 32.40 144, eP, P, 23 16 36.0 +0.6, MOY, Mondy, 50.18 340, eP, P, 23 19 01.6 +0.9. Includes entries for Chengdu, Dalian, Lanzhou, etc.

Table with columns: MOY, Mondy, 50.18 340, eP, P, 23 19 01.6 +0.9. Includes entries for Urumqi, Bodaibo, Erkin-Say, etc.

Table with columns: GERES, GERESS Array B 100.17 322, P, Pdf, 23 23 50.6 -0.2. Includes entries for Red Top, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Thein Dam, Kundal, Sundarnagar, Sohna, etc.

NEIC 07 23:22:49.1, 1925N, 10278W, h10km, MD3.9(MEX), After MEX

MEX 07 23:22:49.1-0.7, 1925N, 10278W, h10km, 14km, MD3.9, Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Aquila, Santa Fe, Zihuatanejo, etc.

NEIC 07 23:23:17.9, 5838N, 13341W, h5km, ML3.8(PGC), ML3.0(AEIC), After PGC

PGC 07 23:23:17.9-0.1, 5838N, 13341W, h5km, ML3.8/6, 7D, 59km east of Juneau, AK Southeastern Alaska, AK Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Skagway, Sitka, Dease Lake, etc.

THE 07 23:23:48.4, 3925N, 2009E, h0km, ML3.3, ISCJB 07 23:23:49.5-0.5, 3927N, 2025E, 0.04, h10km, Error ellipse: s-maj=3.4km s-min=2.8km az=171.6

CSEM 07 23:23:49.1-0.1, 3922N, 2028E, h0km, 1km, ML3.3, Error ellipse: s-maj=3.4km s-min=1.7km az=92.0

ATH 07 23:23:49.4, 3923N, 2024E, h1km, 4km, MD3.7/9, NEIC 07 23:23:50.1, 3925N, 2031E, h16km, MD3.7(ATH), ML3.3(TH), After ATH

ISC 07 23:23:49.3-0.7, 3924N, 2023E, 0.05, h1km, 6km, n31, e059/44, 3C-10D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Igoimenitsa, Kerkira, Levkas, etc.

NIED 07 23:44:00, 3340N, 13480E, h23km, Mw4.2 Best double couple: M2.54000, 1015, NP1s=176.00000, 882.00000, lambda=59.00000, NP2=279.00000, 631.00000, lambda=165.00000

ISCJB 07 23:44:04.0-0.6, 3338N, 005:13480E, 0.03, h37km, 5km, mb4.0/19, MS3.7/2, Error ellipse: s-maj=7.9km s-min=4.2km az=164.9

JMA 07 23:44:05.4, 3343N, 13480E, h38km, 1km, M4.2 Broadband fault plane solution: P waves. NP1: phi=186.00000, delta=859.00000, lambda=22.00000, NP2: phi=287.00000, delta=872.00000, lambda=147.00000, Principal axes: T P1g8.0000, Azm54.0000, N P1g53.0000, Azm313.0000, P P1g36.0000, Azm150.0000, JMA Felt III J1, IDC 07 23:44:06.0-0.6, 3341N, 13474E, h33km, 4km, mb3.7/13, mb1.3, 9/17, mb1mx3.8/24, mbtmp3.8/17, ML4.0, MS3.5/6, Ms1.3, 5/6, ms1mx3.2/33, Error ellipse: s-maj=13.9km s-min=12.1km az=77.0, NEIC 07 23:44:05.4, 3343N, 13480E, h38km, mb4.4/3, After JMA, NEIC Recorded [3 JMA] in Tokushima, [2 JMA] in Kochi and [1 JMA] in Kagawa Prefectures. Recorded [2 JMA] in Wakayama and [1 JMA] in Hiroshima and Nara Prefectures, Honshu.

BUI 07 23:44:09.8, 3299N, 134.16E, h37km, mb4.6, mb4.6, Ms4.1, Msz3.9, ISC 07 23:44:05.2-0.6, 3343N, 004:13480E, 0.03, h28km, 4km, h34km, 1.1km, pP-P, n45, e08/849, mb4.0/19, MS3.7/2, 5C-2D, Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Aioi, Murotomisaki 2, Minabe, etc.

MK31 Makanchi Array 41.58 305 eP P 23 51 50.6 +0.3 MK31 41.58 305 eP P 23 51 50.8 +1.1 MKAR Makanchi Array 41.58 305 eP P 23 51 50.6 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kurchatov, Almayashu, Sand Point, etc.

ISCJB 07 23:53:27.7-0.4, 3998N, 002:12264W, 0.03, h11km, 3km, Error ellipse: s-maj=3.7km s-min=3.1km az=154.7, NEIC 07 23:53:27.7, 3998N, 12269W, h7km, ML3.0(NCEDC), After NCEDC, ISC 07 23:53:27.9-0.3, 3997N, 002:12264W, 0.03, h11km, 3km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Red Bluff, Alder Springs, Acorn Hollow, etc.

BUI 08 00:26:30.4, 027S, 12492E, h12km, mb4.8, mb4.9, MOS 08 00:26:36.7-1.1, 043N, 12465E, h12km, mb4.9/22, Error ellipse: s-maj=13.5km s-min=6.6km az=121.3, IDC 08 00:26:36.4-1.4, 035N, 12459E, h102km, 13km, mb4.5/25, mb1.4, 5/27, mb1mx4.5/29, mbtmp4.5/27, MS3.6/4, Ms1.3, 6/4, ms1mx2.9/27, Error ellipse: s-maj=12.9km s-min=8.8km az=84.0

ISCJB 08 00:26:37.2-0.6, 033N, 003:12466E, 0.04, h129km, 6km, mb4.9/93, Error ellipse: s-maj=6.8km s-min=4.3km az=164.4

DJA 08 00:26:37.020N, 12476E, h5km, ML5.3/4, NEIC 08 00:26:37.2-0.9, 034N, 12461E, h11km, 8km, mb5.0/32, Error ellipse: s-maj=8.3km s-min=5.0km az=69.0, NEIC Felt (III) at Gorontalo and (II) at Manado, ISC 08 00:26:38.2-0.6, 029N, 003:12468E, 0.04, h124km, 5km, h100km, 3.3km, pP-P, n194, e11/1194, mb5.0/93, 25C-9D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kendari, Palu, Davao City, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZAL Zalesovo, EGAK Eagle, MK31 Makanchi Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LOR Lormes, GRR Gorron, SSF Saint Sauveur, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKS Akhisar, NPS Neapolis, LIA Limnos Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MCK McKinley, OBN Obninsk, QSPA South Pole Qui, etc.

ISCJBJ 08 04:15:50.6:1.4, 3143N:142.33E, h0km, mb3.7/3, mb1 3.8/7, mb1mx3.6/24, mbtmp3.7/7, ML3.6/3, Error ellipse: s-maj=43.8km s-min=20.3km az=72.0

ISCJBJ 08 04:15:52.0:0.7, 3145N:004:142.3E:0.1, h33km, mb3.8/3, Error ellipse: s-maj=13.7km s-min=3.8km az=160.5

JMA 08 04:15:52.0:0.3, 3149N:142.38E, h38km, M3.8

ISC 08 04:15:54.5:2.2, 3146N:005:142.2E:0.1, h2km, mb19km, n17, s107/26, mb3.8/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHU2 Mitsune, JHU3 Hachioji jima, etc.

CSEM 08 04:19:13.0:0.5, 3525N:27.93E, h18km, 11km, MD3.5, Error ellipse: s-maj=32.8km s-min=6.7km az=20.0

ISCJBJ 08 04:19:14.2:1.1, 3522N:008:27.88E:0.07, h33km, Error ellipse: s-maj=10.9km s-min=8.6km az=2.3

ISC 08 04:19:17.4, 3569N:27.54E, h29km, MD3.5/4, NEIC 08 04:19:17.4, 3569N:27.54E, h29km, MD3.5(ATH), After ATH

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

ISCJBJ 08 04:29:37.5:0.9, 522N:005:72.72W:0.05, h65km, 8km, az=14.4

ISC 08 04:29:39.3:0.7, 522N:005:72.70W:0.05, h65km, 7km, n69, s077/67, mb4.2/44, Colombia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SDV Santo Domingo, OTAV Otavalo, etc.

ISC 08 04:29:36.7:1.7, 941S:112.89E, h0km, mb4.0/7, mb1 4.1/8, mb1mx3.9/19, mbtmp4.0/8, ML3.6/1, Error ellipse: s-maj=71.1km s-min=16.8km az=54.0

ISCJBJ 08 04:29:39.5:1.0, 94S:02:1130E:0.3, h33km, mb4.2/11, Error ellipse: s-maj=50.6km s-min=11.8km az=139.2

NEIC 08 04:29:41.8:0.9, 943S:112.95E, h35km, mb4.4/4, Error ellipse: s-maj=46.8km s-min=10.0km az=48.0

ISC 08 04:29:42.0:1.0, 94S:02:1130E:0.3, h35km, n14, s099/14, mb4.2/11, South of Jawa

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

ISC 08 04:29:39.5:1.0, 94S:02:1130E:0.3, h33km, mb4.2/11, Error ellipse: s-maj=50.6km s-min=11.8km az=139.2

NEIC 08 04:29:41.8:0.9, 943S:112.95E, h35km, mb4.4/4, Error ellipse: s-maj=46.8km s-min=10.0km az=48.0

ISC 08 04:29:42.0:1.0, 94S:02:1130E:0.3, h35km, n14, s099/14, mb4.2/11, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BLRR Bol'shaya Rech, KTRR Kuturchin, etc.

ISC 08 04:29:39.5:1.0, 94S:02:1130E:0.3, h33km, mb4.2/11, Error ellipse: s-maj=50.6km s-min=11.8km az=139.2

NEIC 08 04:29:41.8:0.9, 943S:112.95E, h35km, mb4.4/4, Error ellipse: s-maj=46.8km s-min=10.0km az=48.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, AML Almayusha, etc.

ATH 08 04:33:41.8, 3924N:20.33E, h21km, 19km, MD3.3/3, THE 08 04:33:41.3, 3931N:20.16E, h0km, ML2.8

ISCJBJ 08 04:33:42.0:0.6, 3936N:004:20.34E:0.07, h23km, 6km, Error ellipse: s-maj=9.5km s-min=5.9km az=171.8

CSEM 08 04:33:42.5:0.3, 3928N:20.30E, h13km, 3km, ML2.8, Error ellipse: s-maj=5.8km s-min=4.4km az=85.0

SKO 08 04:33:43.9, 3940N:20.12E, h0km, Error ellipse: s-maj=5.8km s-min=4.4km az=85.0

ISC 08 04:33:42.0:0.6, 3931N:002:20.32E:0.07, h17km, 5km, n14, s116/27, 1C, Greece-Albania border region

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

MOS 08 04:53:48.0:3.0, 5209N:98.97E, h8km, mb4.3/1, Error ellipse: s-maj=21.3km s-min=13.5km az=178.1

BYKL 08 04:53:45.7:0.7, 5198N:98.69E, 4C-7D, Tuva-Buryatia-Mongolia border region

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

ISC 08 04:53:48.0:3.0, 5209N:98.97E, h8km, mb4.3/1, Error ellipse: s-maj=21.3km s-min=13.5km az=178.1

BYKL 08 04:53:45.7:0.7, 5198N:98.69E, 4C-7D, Tuva-Buryatia-Mongolia border region

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

ISC 08 04:53:48.0:3.0, 5209N:98.97E, h8km, mb4.3/1, Error ellipse: s-maj=21.3km s-min=13.5km az=178.1

BYKL 08 04:53:45.7:0.7, 5198N:98.69E, 4C-7D, Tuva-Buryatia-Mongolia border region

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

ISC 08 04:53:48.0:3.0, 5209N:98.97E, h8km, mb4.3/1, Error ellipse: s-maj=21.3km s-min=13.5km az=178.1

BYKL 08 04:53:45.7:0.7, 5198N:98.69E, 4C-7D, Tuva-Buryatia-Mongolia border region

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

Table with columns: TRG, FFB, HRMR, ZRHB, OGRR, NIZ, KMO, UKT, etc. Includes station names, coordinates, and time/residual data.

NEIC 08 05:15:33.3, 0.9, 2750S, 6976W, h138km, MG3.8(GUC), After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vallenar, Los Campanas, Tololo Astrono, Cerro Paranal, Combarbala, Los Morros.

IDC 08 05:30:04.7, 2.6, 632N, 12673E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/19, mbtmt3.7/3, Error ellipse: s-maj=205.3km s-min=27.8km az=66.0, Mindanao

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

LDG 08 05:38:03.9, 0.3, 4236N, 153E, h3km, M1.6/5, Error ellipse: s-maj=6.5km s-min=2.2km az=161.0

MDD 08 05:38:04.6, 0.7, 4233N, 155E, h0km, mbLg1.1/1, Error ellipse: s-maj=6.7km s-min=5.2km az=147.0, PRIMMO, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like La Jonquera, Poblet, Montolio, Montolio, Montolio, Esperaros, San Caprasio, Etsaut, Etsaut, Lasf, CAF.

IDC 08 05:39:00.6, 1.8, 168N, 12623E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/17, mbtmt4.0/4, Error ellipse: s-maj=157.0km s-min=23.6km az=64.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, Makanchi Array.

ISCJB 08 05:59:42.8, 0.3, 3839N, 002.2201E, 0.03, h0km, Error ellipse: s-maj=3.8km s-min=2.5km az=160.8

THE 08 05:59:43.8, 3838N, 2207E, h0km, ML3.5

NEIC 08 05:59:44.3, 3837N, 2204E, h15km, ML3.7(THE), ML3.3(ATH), After ATH.

CSEM 08 05:59:44.4, 0.1, 3840N, 2205E, h2km, ML3.3, Error ellipse: s-maj=1.9km s-min=1.4km az=59.0

ATH 08 05:59:44.3, 3837N, 2204E, h15km, 1km, MD3.6/13, ML3.3 SKO 08 05:59:54.8, 3902N, 2207E, h30km

ISC 08 05:59:43.7, 0.5, 3839N, 002.2204E, 0.04, h0km, mb4km, n45, 0.113/159, 1C-1D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Evrytania, Riolos of Patr, Agios Georgios, Loutraki, Anninata, Vlachokerasia, etc.

ISCJB 08 06:21:56.9, 0.8, 216S, 0.1, 680W, 0.1, h119km, mb3.6/2, Error ellipse: s-maj=26.0km s-min=7.9km az=43.7

NEIC 08 06:21:57.8, 0.9, 2160S, 68.11W, h119km, 1km, Error ellipse: s-maj=27.8km s-min=11.4km az=121.0

IDC 08 06:21:57.8, 0.9, 2157S, 68.11W, h115km, 1km, mb3.5/2, mb1 3.5/4, mb1mx3.3/16, mbtmt3.3/4, Error ellipse: s-maj=38.2km s-min=15.7km az=127.0

ISC 08 06:21:57.9, 0.8, 216S, 0.1, 680W, 0.2, h117km, 1km, n8, 0.062/11, mb3.6/2, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Limon Verde, La Paz, Saint Ignacio, TORO, YKA, YKA.

INMG 08 06:22:27.3, 1.3, 4318N, 722W, h0km, 6km, ML1.4, Error ellipse: s-maj=3.8km s-min=2.7km az=100.0

MDD 08 06:22:27.1, 0.3, 4320N, 724W, h0km, mbLg1.7/8, 1C, Error ellipse: s-maj=5.4km s-min=2.0km az=109.0, PRIMMO, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pontenova, ERUA, ERUA, STS, EMAZ, ECAL, ECAL, PBRG, PBRG, PBRG, ELOB, ELOB, EAR1, EAR1, PCAB, PCAB, PCAB, PVRL, PVRL, MVO, MVO, MVO, MVO.

MVO 1.1nm, 0.4s Lg 06 23 30.6 ELAN 1.1nm, 0.4s Lg 06 23 45.8 -1.4 Lanestosa 0.0nm, 0.0s, SNR=7.9 2.78 88 Sn Sn

NEIC 08 06:43:24.1, 2.9, 611S, 12979E, h112km, 23km, mb4.0/2, Error ellipse: s-maj=35.4km s-min=24.0km az=70.0 IDC 08 06:43:24.9, 6.2, 615S, 13007E, h126km, 54km, mb3.4/3, mb1 3.8/7, mb1mx3.5/18, mbtmt3.7/7, Error ellipse: s-maj=51.8km s-min=23.0km az=51.0

ISCJB 08 06:43:31.9, 2.0, 68S, 0.1, 12998E, 0.08, h174km, 17km, mb3.4/3, Error ellipse: s-maj=19.4km s-min=11.2km az=25.8

ISC 08 06:43:28.2, 2.2, 65S, 0.1, 13006E, 0.09, h147km, 14km, n9, 0.097/15, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kakadu, Baunita, Fitz, Fitz, WRA, WRA, WB2, WB2, ASAR, ASAR, STKA, STKA, MKAR, MKAR, QSPA, QSPA.

LDG 08 06:45:26.1, 0.4, 4237N, 152E, h2km, Md2.2/M2.4/14, Error ellipse: s-maj=5.8km s-min=3.1km az=160.0, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Esparros, Montolio, Montolio, Etsaut, Etsaut, Ste Jean, Ste Jean, Saint Martin d, Saint Martin d, AVF, AVF, AVF, AVF.

NEIC 08 07:00:51.4, 0.4, 1546S, 7127W, h10km, mb4.5/5, Error ellipse: s-maj=13.5km s-min=8.3km az=76.0

ISCJB 08 07:00:52.5, 1.5, 1548S, 0.08, 7105W, 0.09, h34km, 15km, mb4.2/11, MS3.1/4, Error ellipse: s-maj=15.5km s-min=11.9km az=153.2

IDC 08 07:00:56.1, 2.3, 1542S, 7083W, h45km, 22km, mb3.8/7, mb1 4.0/10, mb1mx3.8/22, mbtmt3.9/10, ML3.7/4, MS3.2/M3.1 3.2/6, ms1mx2.6/42, Error ellipse: s-maj=27.4km s-min=16.8km az=63.0

ISC 08 07:00:57.1, 1.1, 1545S, 0.09, 710W, 0.1, h58km, 12km, n37, 0.195/24, mb4.2/11, MS3.1/4, 1C, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Arequipa, La Paz, La Paz, Nana, Nana, Limon Verde, Limon Verde, Limon Verde, SIV, SIV, ATAH, ATAH, CFAA, CFAA, ROSC, ROSC, BDFB, BDFB, PLCA, PLCA, PLCA, PLCA, TXAR, TXAR, CCM, CCM, SDCO, SDCO, AGMAG, AGMAG, SNAA, SNAA, ULM, ULM, IMW, IMW, YBH, YBH, TORD, TORD, ESDC, ESDC.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ohinepanea, Matakaoa Point, Urewera, Matawai, Puketiti, Kokoahu, etc.

ISCJB 08 08:57:15.3-8.5, 7.6S-0.02, 1281E.02, h28km, 61km, mb3.8/4, Error ellipse: s-maj=45.1km s-min=18.4km az=36.4

NEIC 08 08:57:16.1-0.7, 7.66S:127.82E, h15km, Error ellipse: s-maj=31.5km s-min=10.5km az=70.0

IDC 08 08:57:18.6-7.2, 7.69S:127.72E, h35km, 57km, mb3.7/4, mb1 3.9/7, mb1mx3.7/16, mbtmp3.7/7, ML3.9/3, Error ellipse: s-maj=95.0km s-min=25.9km az=67.0

ISC 08 08:57:18.0-7.1, 7.65S-0.02, 1281E.02, h31km, 56km, No, 09.94/9, mb3.8/4, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Baumata, FITZ, WRA, WBA, ASAR, STKA, MKAR, ZALV, VANDA, EGMT, etc.

ISCJB 08 08:58:58.5-1.3, 2001S-0.05x176.02W, 0.05, h182km, 11km, mb4.6/52, Error ellipse: s-maj=4.8km az=142.9

MOS 08 08:58:58.6-0.8, 1999Sx175.96W, h184km, mb4.5/14, Error ellipse: s-maj=13.7km s-min=8.9km az=145.4

BUI 08 08:58:58.4, 2000S:176.00W, h188km, mb4.9, mb4.7 SZGRF 08 08:59:00.9, 19.73S:173.79W, h339m, Tonga Islands

IDC 08 08:59:00.9, 19.73S:173.88W, h196km, 173km, mb4.4/18, mb1 4.6/21, mb1mx4.5/24, mbtmp4.5/21, Error ellipse: s-maj=13.9km s-min=9.6km az=147.0

NEIC 08 08:59:00.4-0.9, 1997Sx175.98W, h189km, 8km, mb4.6/31, Error ellipse: s-maj=7.8km s-min=3.9km az=146.0

DJA 08 08:59:08, 2024S:176.16W, h244km, mb4.9/11

ISC 08 08:59:00.1-3, 2000S-0.06x175.99W, 0.05, h183km, 12km, n396, 09.57/331, mb4.6/52, 104C-96D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Afiamalu, RAR, DZM, URZ, SNZO, PPT, HNR, RPZ, ERDA, ARMS, CNB, CTA, TPNV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CTAO, TOO, COEN, STKA, ASAR, WBA, WRAB, WRA, KAKA, FORT, FITZ, SBA, MBWA, KLBRR, NWAO, CASY, QSPA, MJAR, MAT, PETK, YES, BFSC, MONP, EDW, RCTC, T06C, ISA, ISA, ISA, ISA, KSR, KS15, CMB, CMB, HELL, LAVA, ORV, KELC, BCC, MPMC, MTUM, R07C, R06C, O04C, S08C, S08K, WCN, GMRC, IRM, P06A, GRAC, SHOC, Y12C, N13A, NVAR, M05C, PAHR, O06A, U00A, L04A, LDFC, S09A, M06C, Y11A, Y13A, N06A, TPNV, TPNV, TPNV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Q08A, W12A, J04A, O07A, R09A, V12A, S10A, X13A, MOD, K05A, Y14A, W13A, J05A, R10A, M07A, N16A, T11A, U12A, P09A, V13A, X14A, K06A, L07A, 217A, H04A, Y15A, NJ2, NJ2, W14A, U13A, M03A, S12A, J06A, TUC, TUC, P10A, Z16A, V14A, X15A, Q11A, K07A, H05A, T13A, Y16A, WVOR, WVOR, I06A, Z18A, L08A, U14A, M09A, R12A, X16A, K08A, Y17A, L09A, 118A, TDL, H06A, V15A, O11A, I07A, CCUT, G06A, VTHM, T19A, ARUT, J08A, X17A, U15A, K09A, M10A, H07A, E05A, Q1Z, Q1Z, WUAZ, WUAZ, Q13A, I08A, Y18A, T15A, 119A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNT, MRMT, RYK, etc.

ISCJB 08 09:07:20.2, 0.6, 5036N, 004.4, 1898E, 0.03, h0km, Error ellipse: s-maj=6.4km s-min=2.6km az=16.4

CSEM 08 09:07:21.8, 0.1, 5029N, 1906E, h2km, ML2.9/4, Error ellipse: s-maj=3.8km s-min=1.5km az=27.0

WAR 08 09:07:22.1, 5023N, 19.11E, ML2.6, Mining Induced PRU 08 09:07:22.8, 5027N, 18.97E, h0km

ISC 08 09:07:21.8, 0.5, 5029N, 004.4, 1900E, 0.03, h0km, n25, e130/40, Poland

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

MOS 08 09:17:25.2, 0.9, 5380N, 16370W, h10km, mb5.0/67, MS4.4/14, Error ellipse: s-maj=10.5km s-min=4.6km az=80.7

BUJ 08 09:17:26.1, 5370N, 16350W, h33km, mb5.0, mb4.9, Ms4.8, Ms4.4

IDC 08 09:17:27.4, 4.4, 5379N, 16352W, h19km, 26km, mb4.3/23, mb1.4, 4/24, mb1mx4.4/29, mbtmp4.3/24, ML4.5/1, MS4.1/20, Ms1.4, 1/20, ms1mx3.9/39, Error ellipse: s-maj=22.3km s-min=12.2km az=176.0

ISCJB 08 09:17:28.2, 0.2, 5370N, 005.4, 16358W, 0.04, h32km, mb4.7/134, MS4.3/40, Error ellipse: s-maj=6.7km s-min=3.0km az=175.6

SZGRF 08 09:17:29.1, 5361N, 16404W, h36km, mb4.9, Unimak Island, Alaska, United States, 1910E, 1910E

NEIC 08 09:17:30.1, 0.2, 5374N, 16354W, mb4.7/67, ML4.7(PMR), ML4.3(AEIC), Error ellipse: s-maj=5.8km s-min=3.0km az=174.0

GCMT 08 09:17:30.1, 0.5, 5348N, 16345W, h26km, 1km, MW4.9/66, Moment Tensor Solution. s25,c32; s66,c81; Duration: 0 Moment tensor: Scale 10^18Nm; Mr1,61±.18; Mw-0.86±.15; Mw-0.74±.12; Ms1.88±.31; M0-1.59±.08; M0-0.01±.22; Best double couple: M02.83000x10^16

NP1.9s, 196.00000°, s36.00000°, A37.00000°. NP2: 0s75.00000°, 869.00000°, 121.00000°. Principal axes: T 2.8100, P1955.0000°, Azm24.0000°, N 0.0400, P1925.0000°, Azm24.0000°, P -2.8490, P1919.0000°, Azm143.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 08 09:17:30.2, 0.2, 5372N, 005.4, 16358W, 0.03, h34km, h34km, 9km, pP-P, n325, e089R, 328, mb4.7/134, MS4.3/40, 25C-8D, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FALS, AKU, AKV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLBC, BILL, INK, etc.

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

NB2	NORSAR Subarra	65.52	3	P	P	09 28 09.0	-0.4
NOA	NORSAR Array B	65.52	3	P	P	09 28 09.8	+0.4
NOA	comp-Z, 14nm, 1.1s, mb4.9, bazz=356, slow=6.5						
KONO	Kongsberg	66.85	4	eP	P	09 28 18.5	+0.5
CD2	Chengdu	67.21	291	iP	P	09 28 20.9	+0.2
CD2	comp-Z, 122nm, 20.1s, MS4.1, bazz=350, slow=37						
AFI	Afiamaul	67.72	189	LR	LR	09 52	35.7
AFI	Guinyang	68.98	286	iP	P	09 28 32.2	+0.3
GYA	AP			pP	P	09 28 41.4	-1.1
GYA	XP			sP	P	09 28 47.9	+1.4
GYA	PCP			PcP	P	09 28 55.2	-0.8
GYA	PP			PP	P	09 31 05.6	+1.5
GYA	SCP			S	S	09 32 55.2	
GYA	S			S	S	09 37 32.2	-1.9
GYA	SKS			S	S	09 38 23.9	
GYA	SCS			ScS	ScS	09 38 25.2	-4.5
GYA	SS			SS	SS	09 41 59.7	+0.2
GYA	AMB			AMB	AMB		
GYA	comp-Z, 220nm, 1.1s, mb5.0						
GYA	comp-Z, 180nm, 5.9s						
GYA	comp-N, 620nm, 19.7s, MS5.0						
GYA	comp-E, 580nm, 18.7s, MS5.0						
GYA	comp-Z, 660nm, 19.6s, MS4.9						
OBN	Obninsk	70.27	348	eP	P	09 28 38.4	-0.9
OBN	e			e	e	09 31 15.7	
OBN	eS			eS	eS	09 37 45.3	-3.0
OBN	comp-Z, 11nm, 1.0s, mb4.7						
OBN	MLR			MLR	MLR		
AKTK	Aktjubinsk	70.49	333	P	P	09 28 40.8	+0.1
AKTK	Aktjubinsk	70.49	333	P	P	09 28 40.8	+0.1
AKTK	comp-Z, 25nm, 0.9s, mb5.1, bazz=30, slow=5.6, SNR=54						
AB31	Akbulak array	71.02	331	iP	P	09 28 44.2	+0.2
AB31	comp-Z, 13nm, 0.8s, mb4.9						
TKM2	Tokmak 2	71.22	318	eP	P	09 28 46.2	+0.9
TKM2	Tokmak 2	71.22	318	eP	P	09 28 46.2	+0.9
TKM2	comp-Z, 14nm, 1.3s, mb4.7						
TKM2	Tokmak 2	71.22	318	P	P	09 28 46.4	+1.0
USP	Ospenovka	71.36	319	P	P	09 28 47.4	+1.2
USP	SNR=7.2						
CHMS	Chumysh	71.48	319	P	P	09 28 47.7	+0.7
CHMS	SNR=6.0						
FRU	Bishkek	71.68	319	eP	P	09 28 49.0	+0.9
FRU	comp-Z, 67nm, 2.0s, mb5.2						
KBK	Karagaybulak	71.70	318	P	P	09 28 49.1	+0.9
KBK	SNR=6.0						
PPT	Papeete	72.01	166	LR	LR	09 57	54.6
PPT	comp-Z, 46nm, 18.0s, MS4.3, bazz=340, slow=34						
EKS2	Erkin-Say	72.15	319	P	P	09 28 51.8	+0.8
EKS2	comp-Z, 16nm, 1.0s, mb4.9						
EKS2	Erkin-Say	72.15	319	P	P	09 28 52.1	+1.2
EKS2	SNR=8.9						
KMI	Kunming	72.24	288	S	S	09 28 51.9	+0.1
KMI	S			S	S	09 38 11.1	-1.0
KMI	AMB			AMB	AMB		
KMI	comp-Z, 26nm, 0.9s, mb5.2						
KMI	comp-Z, 138nm, 5.2s						
KMI	comp-N, 183nm, 15.0s, MS4.6						
KMI	comp-E, 197nm, 18.3s, MS4.6						
KMI	comp-Z, 172nm, 20.7s, MS4.3						
AML	Almayashu	72.63	319	eP	P	09 28 54.8	+0.9
AML	comp-Z, 20nm, 1.1s, mb5.0						
AML	Almayashu	72.63	319	P	P	09 28 55.0	+1.2
AML	SNR=10						
KK31	Karatay Array	73.01	322	iP	P	09 28 55.7	-0.3
KK31	comp-Z, 11nm, 1.0s, mb4.7						
VRSR	Storozhevo	73.71	345	eP	P	09 28 59.2	-0.8
VRSR	comp-Z, 2.0nm, 0.6s, mb4.2						
VRSR	comp-N, 6.0nm, 1.3s						
VRSR	comp-E, 2.0nm, 0.7s						
NRDL	Niedersach Rie	74.03	4	eP	P	09 29 01.9	0.0
IBBN	Ibbnburen	74.10	6	eP	P	09 29 03.0	+0.7
IBBN	comp-Z, 19nm, 1.1s, mb4.9						
CLZ	Clausthal	74.69	4	eP	P	09 29 06.2	+0.5
CLZ	comp-Z, 18nm, 1.1s, mb4.9						
CLZ	Clausthal	74.69	4	eP	P	09 29 06.2	+0.5
CLZ	comp-Z, 18nm, 1.1s, mb4.9						
LSA	Lhasa	74.91	300	eP	P	09 29 09.0	+1.6
LSA	comp-Z, 35nm, 1.0s, mb5.2						
LSA	Lhasa	74.91	300	eP	P	09 29 09.0	+1.6
LSA	comp-Z, 35nm, 1.0s, mb5.2						
BUG	Bochum-Univer	74.93	6	eP	P	09 29 07.2	+0.1
BUG	comp-Z, 24nm, 1.3s, mb5.0						
COLL	Colim	75.31	2	iP	P	09 29 09.1	-0.2
COLL	comp-Z, 12nm, 1.3s, mb4.7						
COLL	Colim	75.31	2	iP	P	09 29 09.1	-0.2
COLL	comp-Z, 12nm, 1.3s, mb4.7						
COLL	iP			pP	P	09 29 20.1	+0.1
COLL	x			x	x	09 29 30.0	
COLL	eSSS			eSSS	eSSS	09 29 09.1	-0.7
AKASG	Malin Array Be	75.40	352	LR	LR	09 29 09.1	-0.7
AKASG	comp-Z, 3.2nm, 0.4s, mb4.6, bazz=9.5, slow=5.6, SNR=24						
AKASG	Malin Array Be	75.40	352	P	P	09 29 09.1	-0.7
AKASG	comp-Z, 244nm, 19.2s, MS4.5, bazz=20, slow=40						
AKAB	Malin Array Si	75.40	352	eP	P	09 29 08.8	-1.0
HGN	Heimansgroeve	75.52	7	eS	P	09 29 10.8	+0.3
HGN	Heimansgroeve	75.52	7	eS	P	09 30 09.9	+2.2
UBBA	Unterbreizbach	75.70	4	eP	P	09 29 12.2	+0.7
UBBA	comp-Z, 2.4nm, 2.3s, mb5.9						
BRG	Bergjesshobel	75.76	2	eP	P	09 29 11.7	-0.2
BRG	comp-Z, 4.0nm, 0.9s, mb4.3						
BRG	Bergjesshobel	75.76	2	eP	P	09 29 11.8	-0.1
BRG	comp-Z, 4.0nm, 0.9s, mb4.3						
BRG	Bergjesshobel	75.76	2	eP	P	09 29 11.7	-0.2
BRG	comp-Z, 6.7nm, 0.9s, mb4.5						
MOX	Moxa	75.93	3	eP	P	09 29 13.2	+0.3
MOX	Moxa	75.93	3	eP	P	09 29 13.1	+0.2
MOX	comp-Z, 15nm, 1.2s, mb4.9						
BAIF	Baives	76.09	8	eP	P	09 29 14.1	+0.3
GIVF	Givet	76.09	8	eP	P	09 29 13.8	-0.1
PVCC	Panska Ves	76.12	1	eP	P	09 29 14.5	+0.4
UPCC	Ulice	76.15	0	eP	P	09 29 24.7	-0.2
UPCC	comp-Z, 12nm, 1.3s, mb4.7						
TANN	Tannenbergsgha	76.19	3	eP	P	09 29 14.4	+0.1
TANN	comp-Z, 15nm, 1.5s, mb4.7						
DPC	Dobruska-Polom	76.31	0	eP	P	09 29 15.3	+0.3
DPC	comp-Z, 100nm, 17.6s						
NKC	Novy Kostel	76.37	3	eP	P	09 29 15.9	+0.5
OJC	Ojcow	76.40	358	eP	P	09 29 16.1	+0.6
MANZ	Manzenberg	76.61	3	eP	P	09 29 17.1	+0.4
MANZ	comp-Z, 3.9nm, 1.3s, mb4.5						
WLF	Walferdange	76.63	7	eP	P	09 29 17.1	+0.2
WLF	comp-Z, 18nm, 1.2s, mb4.9						
LVV	L'vov	76.64	355	eP	P	09 29 16.8	-0.1
PRU	Pruhonice	76.66	1	eP	P	09 29 17.3	+0.3
PRU	comp-Z, 100nm, 15.1s						

OKC	Ostrava-Krasne	76.81	359	eP	P	09 29 17.9	0.0
OKC	comp-Z, 3.1nm, 0.9s, mb4.2						
ROTZ	Rotzenmuhle	76.83	3	eP	P	09 29 18.5	+0.5
ROTZ	comp-Z, 10.0nm, 1.1s, mb4.7						
GRA1	Grabenberg Arr	76.87	3	eP	P	09 29 18.8	+0.6
GRA1	comp-Z, 15nm, 0.9s, mb4.9						
GRF1	Grabenberg Arr	76.87	3	eP	P	09 29 29.3	+0.3
GRF1	comp-Z, 15nm, 0.9s, mb4.9						
GRF	Grabenberg Arr	76.87	3	eP	P	09 29 18.8	+0.6
GRF	comp-Z, 15nm, 0.9s, mb4.9						
GRF	Grabenberg Arr	76.87	3	eP	P	09 29 29.3	+0.3
GRF	comp-Z, 15nm, 0.9s, mb4.9						
GRF	Grabenberg Arr	76.87	3	eP	P	09 29 18.8	+0.6
GRF	comp-Z, 15nm, 0.9s, mb4.9						
GRF	Grabenberg Arr	76.87	3	eP	P	09 29 29.3	+0.3
GRF	comp-Z, 15nm, 0.9s, mb4.9						
MORC	Moravsky Berou	76.88	359	eP	P	09 29 18.6	+0.4
MORC	comp-Z, 3.0nm, 0.9s, mb4.2						
MORC	Moravsky Berou	76.88	359	eP	P	09 29 18.6	+0.4
MORC	comp-Z, 3.0nm, 0.9s, mb4.2						
FLN	La Foliniere	76.90	11	eP	P	09 29 19.1	+0.7
FLN	comp-Z, 23nm, 1.2s, mb4.7						
FLN	La Foliniere	76.90	11	eP	P	09 29 19.1	+0.7
FLN	comp-Z, 169nm, 21.0s, MS4.0						
FLN	La Foliniere	76.90	11	eP	P	09 29 19.1	+0.7
FLN	comp-Z, 12nm, 1.2s, mb4.7						
FLN	La Foliniere	76.90	11	eP	P	09 29 19.1	+0.7
FLN	comp-Z, 170nm, 21.0s, MS4.3						
FLN	La Foliniere	76.90	11	eP	P	09 29 19.1	+0.7
FLN	comp-Z, 12nm, 1.2s, mb4.7						
ROSF	Rostrenen	76.96	13	eP	P	09 29 19.0	+0.2
ROSF	comp-Z, 22nm, 1.1s, mb4.4						
ROSF	Rostrenen	76.96	13	eP	P	09 29 19.0	+0.2
ROSF	comp-Z, 11nm, 1.1s, mb4.7						
ROSF	Rostrenen	76.96	13	eP	P	09 29 19.0	+0.2
ROSF	comp-Z, 11nm, 1.1s, mb4.7						
LDF	La Druitiere	77.11	11	eP	P	09 29 19.5	-0.1
LDF	comp-Z, 18nm, 1.0s, mb4.7						
LDF	La Druitiere	77.11	11	eP	P	09 29 19.5	-0.1
LDF	comp-Z, 9.1nm, 1.0s, mb4.7						
LDF	La Druitiere	77.11	11	eP	P	09 29 19.5	-0.1
LDF	comp-Z, 9.0nm, 1.0s, mb4.7						
SGMF	Saint Gilles	77.14	13	eP	P	09 29 19.9	+0.1
SGMF	comp-Z, 8.0nm, 0.7s, mb4.8						
STHS	Stebnicka Huta	77.16	357	eP	P	09 29 20.7	+0.1
STHS	comp-Z, 2.9nm, 1.3s, mb4.5						
STHS	Stebnicka Huta	77.16	357	eP	P	09 29 21.1	+1.2
STHS	comp-Z, 2.9nm, 1.3s, mb4.5						
STHS	Stebnicka Huta	77.16	357	eP	P	09 29 20.7	+0.1
STHS	comp-Z, 2.9nm, 1.3s, mb4.5						
GRR	Gorron	77.22	12	eP	P	09 29 20.3	+0.1
GRR	comp-Z, 35nm, 1.3s, mb4.8						
GRR	Gorron	77.22	12	eP	P	09 29 20.3	+0.1
GRR	comp-Z, 18nm, 1.3s, mb4.8						
GRR	Gorron	77.22	12	eP	P	09 29 20.3	+0.1
GRR	comp-Z, 17nm, 1.3s, mb4.8						
TREC	Trest	77.25	1	AMS	AMS	10 12	50.0
TREC	comp-Z, 100nm, 15.0s						
WET	Wetzell	77.27	2	eP	P	09 29 21.8	+0.2
WET	comp-Z, 9.0nm, 1.3s, mb4.5						
WET	Wetzell	77.27	2	eP	P	09 29 21.8	+0.2
WET	comp-Z, 9.0nm, 1.3s, mb4.5						
KHC	Kasperske Hory	77.50	2	eP	P	09 29 22.4	+0.6
KHC	AMS			AMS	AMS		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 08 09:25:13.7, 0.7, 2.24N, 96.14E, h30km, Error ellipse: s-maj=14.8km s-min=9.3km az=222.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 08 09:30:38.0, 2.5, 9.42S, 112.96E, h30km, Error ellipse: s-maj=128.0km s-min=12.6km az=49.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 08 09:37:37.2, 3.222S, 71.10W, h51km, MG2.5(GUC), After GUC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 08 09:37:37.2, 0.6, 3.222S, 71.10W, h51km, gkm, MD3.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 08 09:50:12.4, 0.4, 3155N, 142.62E, h45km, M3.6, Southeast of Honshu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 08 10:02:03.5, 2.9, 1445N, 104.92W, h10km, mb4.0/15, Error ellipse: s-maj=44.9km s-min=18.7km az=163.0.

Table with columns: ANMO, Albuquerque, 19.66 356 eP, Pn, 10 06 42.1 -0.1. Includes stations like AMTX Amarillo, 19.78 8 eP, Pn, 10 06 42.0 -1.6.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRAL 08 10:31:43.0, 8.1, 5.369N, 37.14E, h23km, 6km, MD3.4.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FKX Fakekeh, 0.71 315 eP, Pg, 10 31 58.2 -0.1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ICG 08 10:37:13.8, 56.0, 2319S, 174.11W, h0km, mb3.7/3, mb1 3.9/3.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIS Cerro-Chispas, 0.61 41 Op, Pn, 10 52 19.9 +0.8.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSEM 08 11:13:18.1, 0.6, 3466N, 263.2E, h25km, MD2.8, Error ellipse: s-maj=13.9km s-min=6.2km az=66.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIED 08 11:15:00, 3460N, 142.10E, h8km, Mw4.5, Best double couple: Mo=7.42000x10^15.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1 Boso, 1.05 267 P, Pn, 11 16 08.5 -0.6.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FKX Fakekeh, 0.71 315 eP, Pg, 10 31 58.2 -0.1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, 40.0 248 Op, Pn, 10 44 50.7 +0.3.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIS Cerro-Chispas, 0.61 41 Op, Pn, 10 52 19.9 +0.8.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSEM 08 11:13:18.1, 0.6, 3466N, 263.2E, h25km, MD2.8, Error ellipse: s-maj=13.9km s-min=6.2km az=66.0.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MRW Makara Radio, VRZ Vera Road, SNZO South Karori, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WEL Wellington, WEL 08 11:39:09.3, 0.3, 3817S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, WKZ Waikanae, HHSZ Highcliff Hill, etc.

ISCJB 08 11:39:04.0, 0.6, 3918N, 0.02, 2062E, 0.05, h3km, 5km, Error ellipse: s-maj=28.9km s-min=3.5km az=176.3

CSEM 08 11:39:05.2, 0.3, 3919N, 2053E, h8km, ML3.3, Error ellipse: s-maj=4.1km s-min=2.2km az=75.0

THE 08 11:39:05.2, 3918N, 2061E, h0km, ML3.3

ATH 08 11:39:06.8, 3916N, 2056E, h38km, 6km, MD3.7/6

NEIC 08 11:39:06.8, 3916N, 2056E, h38km, MD3.7(ATH), After ATH

ISC 08 11:39:05.4, 0.6, 3917N, 0.02, 2061E, 0.05, h6km, 5km, n24, r156/32, 1C, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IGT Igoumenitsa, LKD Levkas, MEV Metsovno, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WEL Wellington, WEL 08 11:39:05.2, 0.3, 3817S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, WKZ Waikanae, HHSZ Highcliff Hill, etc.

NEIC 08 11:49:24.0, 5849N, 13343W, h10km, ML2.8(PGC), ML2.6(AEIC), After PGC

PGC 08 11:49:25.0, 1, 5849N, 13343W, h10km, ML2.8/4, 4D, 61km northeast of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SKAG Skagway, SIT Sitka, DLBC Dease Lake, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WEL Wellington, WEL 08 11:39:05.2, 0.3, 3817S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, WKZ Waikanae, HHSZ Highcliff Hill, etc.

NEIC 08 11:56:40.2, 1586N, 9880W, h17km, MD4.1(MEX), After MEX

MEX 08 11:56:40.4, 0.9, 1586N, 9878W, h16km, 26km, MD4.1, Off coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ACX Acapulco, CAIG El Cayaco, VHO Vista Hermosa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WEL Wellington, WEL 08 11:39:05.2, 0.3, 3817S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, WKZ Waikanae, HHSZ Highcliff Hill, etc.

NEIC 08 12:09:09.2, 3817S, 17636E, h164km, MG4.7(WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WEL Wellington, WEL 08 11:39:05.2, 0.3, 3817S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WKZ Wanaka, WKZ Waikanae, HHSZ Highcliff Hill, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TBP, SNPH, LLLP, Palo, Ormoc, Borongan, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like HABR, ARMA, JIRN, GUN, DMM, SONMI, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like SLY, MSL, HAKKARI, SIRNAK, etc.

ISC 08 13:44:35.4, 2.7, 3646N:4492E, h1km, 16km, mb4.0/19, mb1.4/2.0, mb1mx=0.31, mbtmp=0.26, ML4.0/5, MS3.5/14, Ms1.3/14, ms1mx=3.3/39, Error ellipse: s-maj=14.5km s-min=10.5km az=135.0

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BHLL Bhanes, NIG Nigde, MMAL Mount Meron Ar, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GEC2 GERESS Array S, GEC2 GERESS Array B, GEC2 GERESS Array B, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SSF comp=Z,4.0nm,0.9s,mb2.32, SSF Saint Sauge, AVF comp=Z,3.8nm,0.9s,mb4.32, etc.

NEIC 08 13:45:50.4, 6838Nk12448W, h1km, MW4.1 (PGC), After PGC. PGC 08 13:45:50.4, 8.2, 6838Nk12448W, h1km, ML4.0/1, Mw4.1, 3C-5D, 354km northeast of Norman Wells, Nt Northwest Territories, Canada, Northwest Territories

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Table with columns for station call letters, frequency, time, and other parameters. Includes stations like KJB Kayaba, JOT Ohata, JSH Shimam, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like CN2, KRSRS Korea Array, K515 Wonju Array, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like OHAK Old Harbor, TIY Taiyuan, IMA2 Indian Mountain, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like CD2, GYA, ZALV, WRAK, NVS, DLBC, WMQ, QIZ, KMI, MK31, MKAR, KURK, YKA, RES, VOSK, LSA, and FRU.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like LSA, BVAO, BVAR, BRVK, OBC, NLWA, NANT, KBS, D03A, SPIT5, SPB4, C04A, KKTk, A06A, B05A, IMP, E03A, C05A, A07A, D05A, CHG, CHTO, PNT, G03A, CMAR, SHL, B07A, F04A, E05A, A08A, H03A, COR, UHLH, I02A, D06A, TKM2, LTY, C07A, B08A, E06A, A09A, KEBM, I03A, F05A, SVE, CHMS, USP, D07A, J02A, KBK, H04A, SOKR, BROR, C08A.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like KZA, EDM, NST, B09A, AAK, A10A, J03A, K02A, I04A, UCH, C09A, D08A, L02A, H05A, HAWA, G06A, F07A, EKS2, HUMO, TAPN, E08A, B10A, I05A, J04A, NEW, NEW, D09A, A11A, AML, AML, VIMP, ARU, ARU, ARU, ARU, C10A, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, G07A, B11A, ODAN, E09A, HNR, J05A, YBH, YBH, YBH, YBH, F08A, K04A, M02C, D10A, N02C, G08A, JIRN, I06A, H07A, L04A, DAG, DAG, RAMN, M04C, K05A, F09A, E10A, I07A.

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M03C	McCloud	56.90	63	↑P	P	19 03 46.5 +0.7
A13A	Flathead Natio	56.91	52	↑P	P	19 03 45.8 0.0
J06A	Christmas Vall	56.94	60	↓P	P	19 03 46.6 +0.6
D11A	Klaveano Farm,	56.95	55	↓P	P	19 03 45.4 -0.6
KKN	Kakar	57.03	277	eP	P	19 03 48.0 +1.1
WDC	Whiskeytown D	57.05	64	P	P	19 03 47.4 +0.5
F10A	Beach Ranch, E	57.06	56	↓P	P	19 03 47.0 +0.1
H08A	Prairie City	57.07	58	P	P	19 03 47.4 +0.5
PKI	Pulchoki	57.07	276	eP	P	19 03 48.6 +1.3
PKIN	Pulchoki	57.09	276	eP	P	19 03 48.3 +1.0
WALA	Wateron Lakes	57.11	52	eP	P	19 03 47.0 -0.2
O02C	Red Bluff	57.13	65	↓P	P	19 03 48.4 +0.9
K06A	Valley Falls	57.14	61	P	P	19 03 48.5 +1.0
G09A	Cove	57.15	57	P	P	19 03 47.7 +0.2
B13A	Whitefish	57.21	52	P	P	19 03 48.1 +0.3
P01C	Double 8 Ranch	57.21	66	↓P	P	19 03 48.5 +0.5
LVZ	Lovozero	57.23	337	P	P	19 03 47.8 +0.1
L05A	Lakeview	57.23	62	↑P	P	19 03 49.0 +0.9
DMN	Daman	57.27	277	eP	P	19 03 50.0 +1.4
KK31	Karatay Array	57.29	300	iP	Pmax	19 03 49.2 +0.7
KK31	KK31	57.33	277	eP	Pmax	19 03 50.3 +1.3
GKN	Gorkha	57.36	60	P	P	19 03 50.0 +0.9
J07A	Hines	57.42	55	P	P	19 03 48.8 -0.5
E11A	Bogner Ranch,	57.42	55	P	P	19 03 48.8 -0.5
M05C	Lookout	57.45	63	↑P	P	19 03 49.8 +0.2
GASB	Alder Springs	57.49	65	↓P	P	19 03 51.0 +1.0
I08A	Drewsey	57.49	59	P	P	19 03 50.6 +0.7
D12A	Red Ives Fores	57.49	54	↑P	P	19 03 49.3 -0.6
G10A	Bishop Farm, J	57.52	57	P	P	19 03 50.4 +0.3
C13A	Hot Springs	57.55	53	↓P	P	19 03 50.2 -0.1
H09A	Durkee	57.57	58	↑P	P	19 03 50.6 +0.1
HATC	Hat Creek Radi	57.57	63	↓P	P	19 03 51.0 +0.5
MOD	Modoc	57.63	62	eP	P	19 03 51.3 +0.4
MOD	Modoc	57.63	62	↑P	P	19 03 51.5 +0.6
BMO	Blue Mountains	57.67	57	eP	P	19 03 51.2 0.0
KEV	Kevo	57.70	341	eP	P	19 03 49.9 -1.1
KEV	Kevo	57.70	341	eP	Pmax	19 03 49.9 -1.1
DANN	Danging	57.71	278	eP	P	19 03 53.5 +1.8
F11A	Grangeville	57.72	56	↑P	P	19 03 51.2 -0.3
APA	Apacity	57.80	337	iP	S	19 03 51.1 -0.6
APA	APA	57.80	337	iP	S	19 11 47.0 -1.1
APA	APA	57.80	337	iP	S	19 03 51.1 -0.6
K07A	Rock Creek Ran	57.80	60	P	P	19 03 52.8 +0.6
J08A	Circle Bar Ran	57.87	59	↓P	P	19 03 53.2 +0.6
I09A	Lost Marbles R	57.93	58	↓P	P	19 03 53.3 +0.3
M06C	Likely Place G	57.94	62	↓P	P	19 03 53.4 +0.2
G11A	Walters Elk Ra	57.94	56	↓P	P	19 03 52.7 -0.4
C14A	Swan Lake	57.95	53	↓P	P	19 03 53.1 -0.1
D13A	Huson	57.96	54	↓P	P	19 03 52.6 -0.6
O04C	Chester	58.10	63	↓P	P	19 03 55.0 +0.8
MNRC	McLaughlin Nat	58.12	66	↑P	P	19 03 54.7 +0.2
ELFS	Eagle Lake Fie	58.14	63	↓P	P	19 03 55.3 +0.8
L07A	Adell	58.15	61	P	P	19 03 55.4 +0.9
H10A	Noah's Angus R	58.15	57	↑P	P	19 03 54.3 -0.2
K01N	Koldana	58.19	278	eP	P	19 03 56.5 +1.5
ARCES	ARCCESS Array B	58.20	341	P	P	19 03 54.7 +0.2
ARCES	ARCCESS Array B	58.20	341	P	P	19 03 54.7 +0.2
ARCES	ARCCESS Array B	58.20	341	P	P	19 03 54.7 +0.2
ARCES	ARCCESS Array B	58.20	341	P	P	19 03 54.7 +0.2
AREO	ARCCESS Array S	58.20	341	eP	P	19 03 54.4 -0.1
K06A	Mann Creek Ran	58.23	60	P	P	19 03 55.8 +0.7
J09A	Fry Pan Ranch,	58.30	59	↑P	P	19 03 56.0 +0.4
ORV	Oroville	58.30	64	P	P	19 03 55.3 -0.4
F12A	Elk City	58.31	55	↑P	P	19 03 55.8 +0.2
SUTB	Sutter Butte	58.32	65	P	P	19 03 55.5 -0.3
WVOR	Wild Horse Val	58.32	60	eP	P	19 03 55.9 +0.2
WVOR	Wild Horse Val	58.32	60	eP	Pmax	19 03 55.9 +0.1
MSO	Missoula	58.40	54	eP	P	19 03 56.0 -0.3
I10A	Payette	58.41	58	↓P	P	19 03 57.0 +0.6
O05C	Quincy	58.41	64	↓P	P	19 03 56.2 -0.2
OHCN	Honcut	58.44	65	eP	P	19 03 56.3 -0.3
D14A	Greenough	58.49	53	↓P	P	19 03 56.7 -0.2
E13A	Victor	58.50	54	↓P	P	19 03 56.8 -0.2
H11A	Donnelly	58.50	57	P	P	19 03 57.0 0.0
N06A	Buffalo Meadow	58.60	62	P	P	19 03 58.1 +0.3
M07A	Soldier Meadow	58.62	61	P	P	19 03 58.4 +0.5
L08A	Fields	58.64	60	↓P	P	19 03 58.4 +0.4
K09A	Rome	58.70	59	↑P	P	19 03 58.6 +0.2
CHMT	Chamberlain Mo	58.73	53	eP	P	19 03 58.2 -0.3
F13A	Darby	58.81	55	P	P	19 03 59.0 -0.1
Q04C	Lincoln	58.81	65	↑P	P	19 03 59.6 +0.4
BEKR	Beckworth	58.81	64	↑P	P	19 03 59.1 -0.1
J10A	Berg Farm, Mel	58.83	58	↑P	P	19 03 59.1 -0.2
E14A	Clinton	58.90	54	P	P	19 03 59.8 +0.1

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O06A	Flanigan	58.96	63	P	P	19 04 00.7 +0.5
P05C	Yuba Gap, Truc	59.00	64	P	P	19 04 00.6 0.0
I11A	Placerville	59.01	57	↓P	P	19 04 00.4 -0.1
D15A	Lincoln	59.06	53	↑P	P	19 04 00.7 -0.1
M08A	Happy Creek Ra	59.06	61	↑P	P	19 04 01.7 +0.7
KTK1	Kautokoino	59.11	342	iP	P	19 04 01.1 +0.3
KTK1	KTK1	59.11	342	iP	Amb	19 04 01.1 +0.3
N07B	Gerlach	59.11	62	↓P	P	19 04 01.6 +0.4
JRSC	Jasper Ridge	59.14	67	↑P	P	19 04 01.3 -0.2
L09A	Wilkinson Ranc	59.14	60	↓P	P	19 04 02.0 +0.5
K10A	MacKenzie Ranc	59.16	59	↑P	P	19 04 02.1 +0.6
BOK	Bokaro	59.21	273	eP	Amb	19 04 02.5 +0.4
BOK	BOK	59.21	273	eP	Amb	19 04 02.9 0.0
LAVA	Law Cap Winer	59.25	65	P	P	19 04 02.3 0.0
H12A	Diamond D Ranc	59.26	56	↑P	P	19 04 01.8 -0.4
G13A	Cobalt	59.28	55	P	P	19 04 02.3 -0.1
F14A	Wisdom	59.34	54	↑P	P	19 04 02.6 -0.2
PTH	Pithoragarh	59.34	282	eP	P	19 04 03.0 0.0
E15A	Edwards Lodge	59.36	53	P	P	19 04 03.0 0.0
LGTI	Lohaghat	59.38	282	eP	P	19 04 06.5 +3.2
MFID	Camas Ranch	59.38	58	↓P	P	19 04 03.3 +0.1
TRO	Tromso	59.47	344	eP	P	19 04 03.2 -0.1
TRO	TRO	59.47	344	eP	LR	19 04 03.3 0.0
TRO	TRO	59.47	344	eP	Amb	19 04 03.8 0.0
TRO	TRO	59.47	344	eP	Amb	19 04 05.8 0.0
TRO	TRO	59.47	344	eP	AMS	19 29 44.4
TRO	TRO	59.47	344	eP	AMS	19 29 44.4
TRO	TRO	59.47	344	eP	AMS	19 29 44.4
PAHR	Pah Rah Range	59.51	63	eP	P	19 04 04.2 +0.1
AB31	Akbulak array	59.52	311	iP	Pmax	19 04 04.7 +0.8
AB31	AB31	59.52	311	iP	Pmax	19 04 04.7 +0.8
WCN	Washoe City	59.53	64	↑P	P	19 04 04.5 +0.4
O07A	Toulon	59.54	62	P	P	19 04 04.7 +0.4
H13A	Challis	59.59	56	↑P	P	19 04 04.4 -0.1
FFC	Flin Flon	59.59	41	P	P	19 04 04.3 -0.1
FFC	Flin Flon	59.59	41	eP	P	19 04 04.3 -0.1
FFC	Flin Flon	59.59	41	eP	Pmax	19 04 04.3 -0.1
FFC	Flin Flon	59.59	41	eP	Pmax	19 04 04.3 -0.1
Sodag	Sodag	59.62	340	P	P	19 04 03.4 -1.0
GRY	Holter Researc	59.63	53	eP	P	19 04 04.8 0.0
M09A	Marrel Ranch,	59.63	61	P	P	19 04 05.5 +0.6
S04C	Ingram Canyon,	59.65	66	↓P	P	19 04 05.4 +0.3
K11A	Parker Ranch,	59.65	59	P	P	19 04 05.3 +0.3
R05C	Kirkwood Meado	59.70	64	↑P	P	19 04 05.2 -0.1
AKTO	Aktubinsk	59.77	313	P	P	19 04 05.3 -0.4
F15A	Butte	59.80	54	↑P	P	19 04 05.9 -0.1
L10A	Juniper Basin	59.82	59	↑P	P	19 04 06.4 +0.3
KSM	Kuching	59.84	235	↑P	P	19 04 07.5 +0.9
J12A	Stokes Ranch,	59.84	58	↑P	P	19 04 07.0 +0.2
CMB	Columbia Colle	59.91	65	eP	P	19 04 06.7 -0.1
CMB	Columbia Colle	59.91	65	eP	Pmax	19 04 06.7 -0.2
CMB	Columbia Colle	59.91	65	eP	Pmax	19 04 06.7 -0.2
CMB	Columbia Colle	59.91	65	eP	P	19 04 07.0 +0.2
N09A	Rock Creek Ran	59.94	61	↑P	P	19 04 07.6 +0.6
EGMT	Eagleton	59.95	51	↑P	P	19 04 06.6 -0.3
EGMT	Eagleton	59.95	51	↑P	P	19 04 06.8 -0.1
PACP	Pacheco Peak	59.98	67	↑P	P	19 04 07.5 +0.1
DLMT	Dillon	60.03	54	eP	P	19 04 07.2 -0.4
I13A	Wildhorse Cree	60.06	57	↑P	P	19 04 08.1 +0.3
HLID	Halley	60.11	57	eP	P	19 04 08.1 0.0
HLID	Halley	60.11	57	eP	P	19 04 53.7 +0.1
HLID	Halley	60.11	57	eP	P	19 04 08.3 +0.2
HLID	Halley	60.11	57	eP	P	19 04 08.9 +0.7
M10A	McL. Ranch, Tu	60.12	60	↑P	P	19 04 09.1 +0.5
R06C	Rock Creek Ran	60.18	59	↓P	P	19 04 09.3 +0.5
HAST	Hastings Reser	60.20	67	↑P	P	19 04 08.7 -0.1
G15A	Dillon	60.22	55	P	P	19 04 08.8 0.0
MCMT	McKenzie Canyo	60.22	55	eP	P	19 04 08.5 -0.4
FCC	Fort Churchill	60.25	34	eP	P	19 04 08.1 -0.8
FCC	Fort Churchill	60.25	34	eP	Pmax	19 04 08.1 -0.7
DDI	Dehra Dun	60.29	284	eP	P	19 04 10.2 +0.6
P08A	Dixie Valley	60.31	62	↑P	P	19 04 09.6 0.0
S06C	San Francisco	60.34	65	↓P	P	19 04 09.7 -0.1
J13A	Cove Ranch, Pi	60.35	57	↓P	P	19 04 10.1 +0.3
SMLA	Simla	60.37	285	iP	P	19 04 10.8 +0.7
SMLA	Simla	60.37	285	iP	x	19 04

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KAKA, N15A, BLSLP, P13A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MOS, PFO, PFO, PFO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MVCO, X16A, V18A, etc.

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Table with columns: Station, Frequency, Power, Mode, and Date/Time. Includes stations like Cedar Bluff, Suwalki, Karad, Kiv, etc.

Table with columns: Station, Frequency, Power, Mode, and Date/Time. Includes stations like KWP, KWP, KWP, etc.

Table with columns: Station, Frequency, Power, Mode, and Date/Time. Includes stations like BRG, BRG, BRG, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like HORT, AIGLE, MMK, KRUS, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like MBDF, SSB, ORIF, DOI, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like EPF, SOI, EALK, SJPF, etc.

Table with columns: WDC, Whiskeytown Da, 79.92 321, P, P, 19 24 51.0 -2.0, etc. Lists various stations and their coordinates.

Table with columns: B07A, baz=84, SNR=10.0, 83.89 326, P, P, 19 25 44.6 -1.5, etc. Lists stations with specific SNR values and coordinates.

Table with columns: TXAR, Lajitas Array, 60.95 325, P, P, 19 23 28.8 -1.1, etc. Lists stations with SNR values and coordinates, including a detailed list of station names and codes.

8d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, KCP Kidapawan, BUKP Musuan, etc.

ATH 08 19:20:19.1, 3924N, 1967E, h59km, MD3.4/3
ISCJB 08 19:20:20.0, 3929N, 1967E, h59km, MD3.4/3
CSEM 08 19:20:20.5, 3928N, 1967E, h59km, MD2.7

THE 08 19:20:20.0, 3931N, 2010E, h0km, MD2.7
ISC 08 19:20:21.3, 0.8, 3930N, 2024E, h0.7, h0km, 9km, n10,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, KEK Kerkira, LEV Levkas, etc.

CSEM 08 20:07:38.4, 1056N, 4018E, h9km, mb4.1, After DHMR
DHMR 08 20:07:38.4, 1.9, 1056N, 4018E, h10km, 14km, mb4.1, 5D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FURI Furi, TRBA At Turbah, TRBA At Turbah, etc.

KNET 08 20:07:39.2, 0.6, 4257N, 7328E, h19km, 4km, m2.5, Error
ellip: s-maj=4.3km s-min=1.7km az=96.0

ISCJB 08 20:07:40.0, 0.7, 4257N, 7328E, h19km, 4km, m2.5, Error
ellip: s-maj=6.4km s-min=4.6km az=7.4

ISC 08 20:07:40.3, 0.7, 4261N, 004, 7330E, h10km, n11,
0581/21, 11C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EKS2 Erkin-Say, AML Almayush, AML Almayush, etc.

JMA 08 20:07:48.8, 0.3, 4354N, 14765E, h11km, M3.5, Kuril
Islands

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

IDC 08 20:19:16.4, 1.9, 512S, 15361E, h0km, mb3.7/4, mb1 4.0/4,
mb1mx3.6/15, mbmp3.7/4, Error ellip: s-maj=49.0km

ISCJB 08 19:25:12.8, 54S, 0.1x15352E, 009, h74km, 27km,
mb4.0/8, Error ellip: s-maj=17.6km s-min=13.7km

2007 JUL

NEIC 08 20:19:27.3, 1.9, 543S, 15345E, h80km, 18km, mb4.6/5,
Error ellip: s-maj=14.5km s-min=11.6km az=135.0

ISC 08 20:19:26.9, 2.3, 54S, 0.1x15347E, 009, h75km, 23km, n26,
0598/24, mb4.0/8, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, KAKA Kakadu, WRAB Tennant Creek, etc.

IDC 08 20:21:50.5, 1.6, 1084N, 8570W, h0km, mb3.6/3, mb1 4.0/3,
mb1mx3.6/20, mbmp3.6/3, MS3.4/1, Ms1 3.4/1,

ms1mx2.6/25, Error ellip: s-maj=29.4.1km s-min=26.7km
az=48.0

CASC 08 20:21:51.3, 2.3, 1078N, 8638W, h35km, MD4.0,
mb4.1 (NEIC)

NEIC 08 20:21:52.0, 5.0, 1078N, 8572W, h35km, mb4.1/5, Error
ellip: s-maj=12.3km s-min=9.3km az=68.0

ISCJB 08 20:21:56.4, 0.6, 1063N, 008, 8589W, 008, h73km, 5km,
mb3.8/7, Error ellip: s-maj=15.7km s-min=6.3km

ISC 08 20:21:57.6, 0.6, 1069N, 006, 8583W, 007, h65km, 5km, n43,
01614/2, mb3.8/7, 9C-5D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LIM1 Limonal, VCR Vista de Mar, CUI Vista de Mar, etc.

IDC 08 20:24:59.0, 8.6, 693S, 13007E, h115km, 89km, mb3.0/1,
mb1 3.2/5, mb1mx3.0/17, mbmp3.1/5, ML3.4/4, Banda

Sea
ellip: s-maj=73.1km s-min=28.2km az=34.0, Banda

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, etc.

ISCJB 08 20:27:53.5, 1.5, 3608S, 004, 7470W, 008, h10km, 12km,
mb3.6/2, Error ellip: s-maj=10.7km s-min=6.5km az=6.0

IDC 08 20:27:54.2, 2.0, 3605S, 7471W, h0km, mb3.6/3, mb1 3.9/5,
mb1mx3.7/17, mbmp3.6/5, ML3.9/2, Ms1 2.9/2,

ms1mx2.6/22, Error ellip: s-maj=37.2km s-min=26.6km
az=77.0

GUC 08 20:27:55.3, 0.7, 3618S, 7469W, h23km, 3km, MD4.0,
ML3.6

NEIC 08 20:27:55.3, 3618S, 7469W, h23km, ML3.6 (GUC), After
GUC

ISC 08 20:27:55.5, 1.9, 3611S, 004, 7470W, 009, h15km, 15km,
n22, 01912/37, mb3.6/2, 7C-3D, Off coast of central Chile

252

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COCH Cobquecura, COCH Chillan, CCHI Chillan, etc.

SFDO San Fernando, SFDO San Fernando, CICH Cigales, CICH Cigales, TACH Talagaste, TACH Talagaste, etc.

PLCA Paso Flores, PLCA Paso Flores, CCHA Chadas Angostu, CCHA Chadas Angostu, etc.

PLCA Paso Flores, PLCA Paso Flores, CCHA Chadas Angostu, CCHA Chadas Angostu, etc.

PLCA Paso Flores, PLCA Paso Flores, CCHA Chadas Angostu, CCHA Chadas Angostu, etc.

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PLCA Paso Flores, PLCA Paso Flores, CCHA Chadas Angostu, CCHA Chadas Angostu, etc.

PLCA Paso Flores, PLCA Paso Flores, CCHA Chadas Angostu, CCHA Chadas Angostu, etc.

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

IDC 08 20:39:42.6; 1.2229N; 8692W, h0km, mb4.2/5, mb1 4.3/6, mb1 mx3.9/21, mbtmp4.2/6, ML3.3/1, Error ellipse: s-maj=49.3km s-min=21.3km az=55.0, NEIC 08 20:39:45.2; 1.219N; 8693W, h263km, 18km, mb4.2/5, Error ellipse: s-maj=12.2km s-min=6.5km az=51.0, CASO 08 20:39:46.9; 1.7, 1197N; 8749W, h13km, 66m, MD4.1, mb4.2(NEIC), ISICJB 08 20:39:50.7; 0.6, 1227N; 007; 870W; 0.1, h91km, 56m, mb4.2/10, Error ellipse: s-maj=22.0km s-min=6.1km az=149.8, ISC 08 20:39:51.2; 0.6, 1222N; 007; 871W; 0.1, h76km, 66m, n67, s=115158, mb4.2/10, IC0-6D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEL3, TELN, COPN, etc.

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

JMA 08 20:44:24.3; 0.3, 4363N; 14763E, h7km, M3.7, Kuril Islands

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

ISICJB 08 20:48:59.5; 2.2, 010N; 005; 9705E; 0.06, h13km, 14km, mb4.4/34, MS3.8/10, Error ellipse: s-maj=9.6km s-min=8.3km az=150.7, DJA 08 20:48:59.005; 9690E, h30km, ML4.6/4, BUJ 08 20:49:02.3; 0.31N; 9700E, h18km, mb4.7, mb4.4, Ms4.3, Ms2.1, NEIC 08 20:49:03.8; 0.3, 011N; 9705E, h30km, mb4.4/13, Error ellipse: s-maj=6.5km s-min=5.3km az=51.0, NEIC Feil [I] at Gunungstoli, IDC 08 20:49:04.2; 7.4, 008N; 9709E, h33km, 56m, mb4.0/16, mb1 4.1/18, mb1 mx1.0/25, mbtmp4.0/18, ML4.0/2, MS3.6/9, mb1 3.6/9, ms1 mx3.3/33, Error ellipse: s-maj=24.5km s-min=14.2km az=63.0, ISC 08 20:49:03.0; 2.0, 011N; 005; 9707E; 0.06, h23km, 14km, n63, s=07958, mb4.4/34, MS3.8/10, Northern Sumatera

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

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

ISICJB 08 21:00:27.7; 0.6, 3932N; 003; 2026E; 0.07, h10km, Error ellipse: s-maj=8.2km s-min=4.1km az=165.9, CSEM 08 21:00:27.0; 2.0, 1.3930N; 2017E, h2km, ML2.4, Error ellipse: s-maj=4.9km s-min=2.7km az=85.0, ATH 08 21:00:27.2; 3934N; 1989E, h55km, 58m, MD3.4/3, THE 08 21:00:27.7; 3930N; 2026E, h3km, ML2.4, NEIC 08 21:00:27.7; 3930N; 2026E, h0km, MD3.4(ATH), ML2.4(TH), After THE, ISC 08 21:00:29.0; 7.0, 3932N; 004; 2028E; 0.08, h12km, 17km, n10, s=08515, Greece-Albania border region

NEIC 08 21:06:41.4, 1878N; 6429W, h152km, MD3.5(RSPR), After RSPR, RSPR 08 21:06:41.4, 1878N; 6429W, h152km, 17km, MD3.5/4, MD3.5/4, 3C-1D, Vignier Islands

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

CSEM 08 21:09:19.3; 1059N; 4011E, h8km, mb4.5, After DHMR, DHMR 08 21:09:19.3; 2.2, 1059N; 4011E, h8km, 17km, mb4.5, 5D, Ethio

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

IDC 08 21:22:26.6; 3.7, 009N; 9745E, h0km, mb3.4/4, mb1 3.6/5, mb1 mx3.4/2, mbtmp3.4/5, PL4.0/1, Error ellipse: s-maj=132.5km s-min=27.6km az=59.0, Northern Sumatera

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

MOS 08 21:29:43.9; 2.9, 4588N; 15445E, h39km, mb4.0/2, Error ellipse: s-maj=31.6km s-min=18.9km az=89.5, IDC 08 21:29:43.2; 2.4, 4593N; 15438E, h0km, mb3.6/3,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CLZ Clausthal, TANN Tannenbergstah, WERD Werda, GUNZ Gunzen, etc.

KRSC 09 03:22.7.0.9, 531N, 16266E, h43km, 42km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKZ Mys Kozlova, SPN Mys Shipunov, NLC Nalytchevo, etc.

CSEM 09 03:13:22.7, 3523N, 2791E, h7km, MD3.5/3, After ATH

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, NPS Neapolis.

ISCJB 09 04:11:03.1, 0.9, 3932N, 003.2, 2017E, 009, h11km, 7km, Error ellipse: s-maj=11.7km s-min=5.3km az=174.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, VLS Valsamata, etc.

CSEM 09 04:14:54.8, 0.1, 3934N, 2022E, h2km, ML2.8, Error ellipse: s-maj=4.3km s-min=2.2km az=89.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, VLS Valsamata, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 09 04:27:50.0, 6006N, 13852W, h25km, ML3.5(AEIC), MW3.6(PGC), After PGC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PNL Peninsula, YKUZ Yakutat, HYT Haines Junctio, etc.

ATH 09 05:10:33.3, 3918N, 1961E, h45km, MD3.3/3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KEK Kerkira, VLS Valsamata, OVR Evrytania, etc.

NEIC 09 05:27:11.7, 1760N, 9898W, h58km, MD3.9(MEX), After MEX

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLIG Platanillo, ACX Acapulco, CAIG El Cayaco, etc.

ISCJB 09 05:50:36.1, 0.8, 2006S, 006.682W, 0.1, h139km, 12km, mb3.8/2, Error ellipse: s-maj=17.8km s-min=9.0km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, ARE Arequipa, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, ARMA Armidale, etc.

NEIC 09 06:02:25.6, 1974N, 6814W, h30km, MD3.7(RSPR), After RSPR

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AGPR Aguadilla, PR, IMO Isla Mona, MPR Mayaguez, etc.

ISCJB 09 06:08:17.5, 3.0, 62S, 0.1x15424E, 0.10, h79km, 30km, mb4.5/17, Error ellipse: s-maj=20.5km s-min=15.4km

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

ISC 09 06:08:19.8, 2.5, 62S, 0.1x15424E, h91km, 25km, Error ellipse: s-maj=22.6km s-min=14.5km az=141.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, SKA Alice Springs, etc.

ASAR Alice Springs 31.74 241 P P 06 27 34.4 -0.1
MKAR Makanchi Array 91.88 317 P P 06 34 18.8 0.0
JMA 09 06:26:58.2, 0.2, 3614N, 142.17E, h77km, 5km, M3.1
IDC 09 06:27:00.8, 3.3, 3645N, 142.03E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/2.1, mbtmp3.5/3, ML3.1/1, Error ellipse: s-maj=85.3km s-min=33.9km az=53.0

Code Station Name Az AzZ Phase ID Time Res ISC
CHJOJ Chosi 1.26 254 Op Pn 06 27 19.1 +0.1
JHO Hitachi 1.58 291 P Pn 06 27 22.0 -0.8
ONAJ lwakimizuishy 1.61 310 P Pn 06 27 23.1 -0.8
JYT Yasato 1.75 276 P Pn 06 27 25.0 -0.7
BSO1 Boso 1.80 219 P Pn 06 27 27.5 +1.1

Code Station Name Az AzZ Phase ID Time Res ISC
RAO Raoul Island 3.01 180 Pn Pn 06 51 36.7 +1.7
RAO Raoul Island 3.11 180 eP Pn 06 52 20.8 +1.1
RAO Raoul Island 3.11 180 eP Pn 06 51 34.2 -0.8
URZ Urewera 12.71 198 Pn Pn 06 53 49.8 +1.8

Code Station Name Az AzZ Phase ID Time Res ISC
RAO Raoul Island 3.01 180 Pn Pn 06 51 36.7 +1.7
RAO Raoul Island 3.11 180 eP Pn 06 52 20.8 +1.1
RAO Raoul Island 3.11 180 eP Pn 06 51 34.2 -0.8
URZ Urewera 12.71 198 Pn Pn 06 53 49.8 +1.8

Code Station Name Az AzZ Phase ID Time Res ISC
ASAR Alice Springs 43.58 263 P P 06 58 48.9 -1.3
WRAB Warramunga Arr 44.18 268 P P 06 58 53.0 -2.1
WRAB Tennant Creek 44.18 268 P P 06 58 52.5 -2.6

WRAB comp-Z, 64nm, 1.0s, mb5.3 pmax pmax
WRAB comp-Z, 1.1nm, 19.0s, MS4.8
WRA Warramunga Arr 44.18 268 P P 06 58 53.2 -1.9
WRA comp-Z, 1.6nm, 1.1s, baz=101, slow=15, SNR=4.8
WRA WRA Warramunga Arr 44.18 268 P P 06 58 53.2 -1.9

Code Station Name Az AzZ Phase ID Time Res ISC
DRV Dumont d'Urville 48.03 201 S S 07 06 20.0 +9.1
KAKA Kakadu 48.43 276 eP P 06 59 26.4 -2.2
POHA Pohakuloa 50.61 28 P P 07 00 00.0 +15
KIP Kipapa 51.15 24 PFAKE LR 07 00 00.0 +11

Code Station Name Az AzZ Phase ID Time Res ISC
KLBRR Kellerberrien 55.87 248 eP P 07 00 23.4 -0.3
NWAO Narrogin (SRO) 56.03 247 PFAKE LR 07 00 40.0 +15
MBWA Marble Bar 56.87 261 PFAKE LR 07 00 40.0 +9.1
BATI Baumata 57.30 275 LR LR 07 22 09.4
CASY Casey 58.87 207 PFAKE LR 07 01 00.0 +16

Code Station Name Az AzZ Phase ID Time Res ISC
MAW Mawson 76.23 200 eP P 07 02 34.6 +0.8
MAW Mawson 76.23 200 P P 07 02 35.1 +1.3
YHNB Yeheng 77.45 306 PFAKE LR 07 02 50.0 +8.7
TATO Taipei 77.56 306 PFAKE LR 07 02 50.0 +8.1
ADK Adak 77.78 1 eP P 07 02 39.0 -3.5

Code Station Name Az AzZ Phase ID Time Res ISC
SYO Syowa Base 81.18 193 iP P 07 03 00.2 -0.8
SYO Syowa Base 81.18 193 iP P 07 03 02.3 -4.0
KRSR Kora Area 81.25 319 P P 07 03 00.8 -0.9

V04C Ramage Ranch, 81.77 44 iP P 07 03 05.9 +1.3
V03C Hunter Liggett 81.79 43 iP P 07 03 06.1 +1.5
PETK Petrogavlovsk 81.81 345 P P 07 03 03.3 -0.9
HAST Hastings Reser 81.84 43 iP P 07 03 05.8 +1.0
CIS Catalina Island 81.93 47 iP P 07 03 06.6 +1.2

Code Station Name Az AzZ Phase ID Time Res ISC
SAO San Andreas Ge 82.15 43 eP P 07 03 08.0 +1.5
SAO San Andreas Ge 82.15 43 eP pmax pmax 07 03 08.0 +1.5
PKD Parkfield 82.17 44 iP P 07 03 08.1 +1.5
PTRM Trisselman Ran 82.19 44 P P 07 03 11.1 +4.3
MCCM Marconi Confer 82.21 41 PFAKE LR 07 03 20.0 +13

Code Station Name Az AzZ Phase ID Time Res ISC
MWC Mount Wilson 82.66 46 eP P 07 03 12.8 +3.6
HOPS Hopland 82.66 40 PFAKE LR 07 03 20.0 +11
HOPS Hopland 82.66 40 iP P 07 03 09.7 +0.5
T05C Eagle Field, D 82.70 43 iP P 07 03 10.0 +0.6
S04C Ingram Canyon, 82.71 42 iP P 07 03 10.1 +0.7
MURC Murrieta 82.84 47 iP P 07 03 10.5 +0.3

Code Station Name Az AzZ Phase ID Time Res ISC
QZHQ Qiongzong 83.31 295 P AMB AMB 07 03 14.8 +1.9
QIZ Qiongzong 83.31 295 PFAKE LR 07 03 20.0 +7.1
GASB Alder Springs 83.31 40 iP P 07 03 13.3 +0.9
PFO Pinyon Flat Ob 83.33 48 P P 07 03 16.8 +4.1
PFO Pinyon Flat Ob 83.33 48 eP P 07 03 15.5 +2.8

Code Station Name Az AzZ Phase ID Time Res ISC
PFO Pinyon Flat Ob 83.33 48 P P 07 03 12.5 -0.2
PFO Pinyon Flat Ob 83.33 48 eP pmax pmax 07 03 15.5 +2.8
PFO Pinyon Flat Ob 83.33 48 eP P 07 03 13.4 +0.7
T06C Millerott Lake 83.37 43 iP P 07 03 13.2 +0.4
SWSC San W. Stewart 83.37 48 iP P 07 03 13.2 +0.2

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9Rd	Oroville	83.95	40	↑P	P	07 03 15.6	-0.1
CWC	Cottonwood Cre	84.02	45	↑P	P	07 03 16.7	+0.5
BC3	Big Chuw Mtn	84.03	48	↓P	P	07 03 16.8	+0.5
WDC	Whiskeytown Da	84.03	39	eP	P	07 03 16.4	+0.3
WDC	comp=Z,1um,20.0s,M55.3			LR	LR		
WDC	Whiskeytown Da	84.03	39	↓P	P	07 03 16.6	+0.5
GLA	Glamis	84.09	49	eP	P	07 03 17.8	+1.1
GLA	comp=Z,79nm,1.3s,mb5.7			LR	LR		
GLA	Glamis	84.09	49	eP	P	07 03 17.8	+1.2
GLA	comp=Z,79nm,1.3s,mb5.7			LR	LR		
GLA	Glamis	84.09	49	↓P	P	07 03 17.5	+0.9
GSC	Goldstone	84.14	46	eP	P	07 03 18.0	+1.2
GSC	comp=Z,53nm,1.3s,mb5.5			LR	LR		
GSC	Goldstone	84.14	46	↓P	P	07 03 17.5	+0.7
HEC	Hector,Ludlow	84.16	47	↑P	P	07 03 16.7	-0.2
MPMC	Manual Prospec	84.16	45	↓P	P	07 03 16.4	-0.5
R05C	Kirkwood Meado	84.23	42	↑P	P	07 03 16.5	-0.7
MTUM	Tungsten Hills	84.29	44	eP	P	07 03 20.3	+2.8
MLAC	Mammoth Lakes	84.30	43	↓P	P	07 03 16.7	-0.8
P05C	Yuba Gap, Truc	84.31	41	↓P	P	07 03 17.4	-0.2
M02C	Callahan	84.40	38	↑P	P	07 03 17.5	-0.5
WAKR	Walker	84.49	42	eP	P	07 03 17.6	-0.9
R06C	Coleville	84.49	42	↓P	P	07 03 18.6	+0.1
IRM	Iron Mountain	84.53	48	↑P	P	07 03 19.5	+0.6
O05C	Quincy	84.55	40	↓P	P	07 03 18.5	-0.3
GMRC	Granite Mounta	84.57	47	↑P	P	07 03 19.4	+0.4
S08C	White Mtn Res	84.63	44	↓P	P	07 03 18.7	-0.5
113A	Mohawk Valley,	84.65	50	↑P	P	07 03 19.4	-0.1
O04C	Chester	84.69	40	↓P	P	07 03 18.6	-0.9
Y12C	Blythe	84.71	48	↑P	P	07 03 19.4	-0.3
YBH	Yreka Blue Hor	84.71	38	eP	P	07 03 19.9	+0.4
YBH	comp=Z,24nm,1.0s,mb5.3			LR	LR		
YBH	Yreka Blue Hor	84.71	38	↓P	P	07 03 18.9	-0.7
YBH	comp=Z,16nm,1.0s,mb5.1,baz=186,slow=5.4,SNR=6.0			P	P		
YBH	Yreka Blue Hor	84.71	38	eP	P	07 03 19.6	+0.1
YBH	comp=Z,24nm,1.0s,mb5.3			LR	LR		
YBH	Yreka Blue Hor	84.71	38	↑P	P	07 03 18.8	-0.7
M03C	McCloud	84.73	39	↑P	P	07 03 18.5	-1.1
TUQ	Turquoise Mtn,	84.79	46	↓P	P	07 03 19.1	-0.9
HATC	Hat Creek Radi	84.80	39	↑P	P	07 03 19.5	-0.5
WCN	Washoe City	84.81	41	↓P	P	07 03 19.2	-0.9
FURC	Furnace Creek,	84.81	45	↑P	P	07 03 19.1	-1.1
BEKR	Beckworth	84.82	41	↓P	P	07 03 19.2	-0.9
GRAC	Grapevine Rang	84.82	44	↑P	P	07 03 19.2	-1.0
214A	Organ Pipe Nat	84.83	51	↓P	P	07 03 19.7	-0.7
SHOC	Shoshone	84.84	46	↑P	P	07 03 19.5	-0.8
LBCM	Butte Creek Ri	84.88	39	↓P	P	07 03 19.0	-1.4
P06A	Stead Airport,	84.97	41	↓P	P	07 03 20.7	-0.2
K02A	Glendale	84.98	37	↑P	P	07 03 21.3	+0.4
ELFS	Eagle Lake Fie	85.09	40	↓P	P	07 03 21.8	+0.4
LDFC	LandP	85.11	47	eP	P	07 03 21.8	+0.1
U10A	Ash Meadows, A	85.12	45	↑P	P	07 03 21.5	-0.2
NVAR	Mina Arroya	85.13	43	↓P	P	07 03 20.8	-0.9
HUMO	Hull Mountain	85.16	37	eP	P	07 03 23.2	+1.4
HUMO	comp=Z,44nm,1.3s,mb5.4			LR	LR		
HUMO	Hull Mountain	85.16	37	↑P	P	07 03 22.4	+0.7
R08A	Mina	85.20	43	↑P	P	07 03 22.1	0.0
Y13A	Salome	85.21	49	↑P	P	07 03 22.1	-0.2
M04C	Macdoel	85.23	39	↓P	P	07 03 23.3	+0.1
MDJ	Mudanjiang	85.25	325	P	P	07 03 24.8	+2.6
MDJ	AP			pP	pP	07 03 34.5	+0.3
MDJ	XP			PP	PP	07 03 37.2	-1.4
MDJ	PP			PP	PP	07 06 42.9	+2.3
MDJ	AMB			AMB	AMB		
MDJ	comp=Z,9.0nm,0.8s,mb5.0			AMB	AMB		
MDJ	comp=Z,107nm,5.8s			LR	LR		
MDJ	comp=N,570nm,21.4s,M55.0			LR	LR		
MDJ	comp=E,595nm,25.8s,M55.0			LR	LR		
PLCA	comp=Z,1um,24.0s,M55.2			eP	P	07 03 23.8	+1.1
PLCA	Paso Flores	85.29	133	eP	P	07 03 23.3	+0.6
PLCA	comp=Z,32nm,1.4s,mb5.3			LR	LR	07 36 13.3	
PLCA	comp=Z,962nm,20.0s,M55.2			P	P	07 03 23.3	+0.6
PLCA	Paso Flores	85.29	133	eP	P	07 36 13.3	
PLCA	comp=Z,9.1nm,0.9s,mb4.9,baz=226,slow=7.6,SNR=9.0			LR	LR		
PLCA	Paso Flores	85.29	133	eP	P	07 03 23.8	+1.1
PLCA	comp=Z,32nm,1.4s			MLR	MLR		
PAHR	Pah Rah Range	85.29	41	eP	P	07 03 22.4	0.0
PDMCI	Parker Dam,Lak	85.29	48	↑P	P	07 03 22.7	+0.1
O06A	Flanigan	85.32	41	↑P	P	07 03 22.7	+0.1
M05C	Lookout	85.34	39	↑P	P	07 03 23.3	+0.6
J02A	Umpqua	85.34	36	↑P	P	07 03 23.6	+0.9
V11A	Goodesprings	85.35	46	↓P	P	07 03 22.8	-0.1
S09A	Goldfield	85.36	44	↑P	P	07 03 22.7	-0.2
L04A	Klamath Falls	85.46	38	↓P	P	07 03 23.5	+0.3
TPNV	Topopah Spring	85.50	45	eP	P	07 03 23.9	-0.6
TPNV	comp=Z,37nm,1.3s,mb5.4			LR	LR		
TPNV	comp=Z,2um,19.0s,M55.5			LR	LR		
TPNV	Topopah Spring	85.50	45	↓P	P	07 03 23.5	-0.1
Z14A	Wintersburg	85.55	50	eP	P	07 03 23.7	-0.2
TPH	Topopah	85.58	44	eP	P	07 03 25.0	+1.0
TPH	comp=Z,42nm,1.0s,mb5.6			LR	LR		

M06C	Likely Place G	85.62	40	↓P	P	07 03 23.9	-0.2
Q08A	Gabbs	85.63	43	↑P	P	07 03 23.7	-0.5
V12A	Nelson	85.66	47	↓P	P	07 03 24.2	-0.2
115A	Sonoran Desert	85.67	50	↓P	P	07 03 23.8	-0.8
X13A	Yucca	85.67	48	↓P	P	07 03 23.9	-0.6
J03A	Ideylid Park	85.68	37	↑P	P	07 03 24.0	-0.3
N06A	Buffalo Meadow	85.69	40	↓P	P	07 03 24.0	-0.4
R09A	Tonopah	85.77	44	↑P	P	07 03 24.4	-0.5
216A	Three Points,	85.81	51	↑P	P	07 03 24.8	-0.4
K04A	Chiquin	85.84	38	↓P	P	07 03 24.4	-0.7
Y14A	Wickenburg	85.84	49	↑P	P	07 03 25.2	-0.2
S10A	Worm Springs	85.87	44	P	P	07 03 24.3	-1.1
O07A	Toulon	85.88	41	↑P	P	07 03 24.5	-0.9
WHN	Wuhan	85.92	307	eP	P	07 03 26.9	+1.1
WHN	comp=N,2um,24.8s,M55.6			LR	LR	07 14 02.3	+5.6
WHN	comp=E,2um,21.6s,M55.6			LR	LR		
WHN	comp=Z,4um,24.6s,M55.7			LR	LR		
W13A	Hualapai Mount	85.93	48	↓P	P	07 03 25.1	-0.7
116A	Eloy	85.95	51	↑P	P	07 03 25.7	-0.3
L05A	Lakeview	85.97	39	↑P	P	07 03 25.5	-0.3
J04A	Umpqua Nationa	86.05	37	↓P	P	07 03 26.7	+0.5
Z15A	Gila River Ind	86.05	50	↓P	P	07 03 26.8	+0.4
P08A	Dixie Valley	86.06	42	↓P	P	07 03 26.3	0.0
217A	Green Valley	86.13	52	↓P	P	07 03 27.6	+0.7
MOD	Modoc	86.17	39	eP	P	07 03 25.7	-1.1
MOD	comp=Z,33nm,1.2s,mb5.4			LR	LR		
MOD	comp=Z,2um,20.0s,M55.4			P	P	07 03 27.0	+0.2
MOD	Modoc	86.17	39	↓P	P	07 03 27.0	+0.2
N07B	Getch	86.22	41	↑P	P	07 03 27.9	+0.8
X14A	Yava	86.23	49	↓P	P	07 03 27.9	+0.7
EFI	East Failand	86.23	147	PFAKE	LR	07 03 40.0	+13
EFI	comp=Z,3um,21.0s,M55.7			LR	LR		
S11A	Rachel	86.23	45	↓P	P	07 03 27.4	+0.2
R10A	Warm Springs	86.28	44	↑P	P	07 03 27.4	-0.1
U12A	Valley of Fire	86.28	46	↑P	P	07 03 27.5	0.0
V13A	Grand Canyon W	86.30	47	↑P	P	07 03 27.8	+0.2
Y15A	Casa Rosa Ranc	86.31	49	↑P	P	07 03 28.2	+0.5
COR	Corvallis	86.32	36	PFAKE	LR	07 03 40.0	+13
T11A	Corn Creek, AI	86.33	45	↓P	P	07 03 27.5	-0.2
T12A	Moapa	86.34	46	↓P	P	07 03 27.7	-0.1
KDAK	Kodiak Island	86.34	13	eP	P	07 03 28.9	+1.7
KDAK	comp=Z,51nm,1.3s,mb5.6			LR	LR		
KDAK	Kodiak Island	86.34	13	↓P	P	07 03 23.9	-3.3
K05A	Summer Lake	86.38	38	↓P	P	07 03 28.0	+0.2
H03A	Soc Creek Ranc	86.38	36	↓P	P	07 03 28.3	+0.6
TUC	Tucson	86.45	51	eP	P	07 03 28.5	+0.1
TUC	comp=Z,49nm,1.3s,mb5.6			LR	LR		
M07A	Soldier Meadow	86.49	40	↓P	P	07 03 28.6	+0.2
W14A	Selgman	86.53	48	↓P	P	07 03 28.3	-0.4
318A	Bisbee	86.53	53	↑P	P	07 03 28.6	-0.2
Q10A	Clear Creek Ra	86.55	43	↑P	P	07 03 28.8	+0.1
J05A	Fork Rock	86.55	38	↑P	P	07 03 28.5	-0.1
Z16A	Peralta Trail,	86.58	50	↑P	P	07 03 29.3	+0.2
117A	Oracle	86.63	51	↑P	P	07 03 29.5	+0.2
U13A	Pakoon Wash	86.65	47	↓P	P	07 03 29.4	+0.1
X15A	Humboldt	86.68	49	↓P	P	07 03 29.3	-0.2
V14A	Boquillas Ranc	86.76	48	↑P	P	07 03 29.7	-0.2
R11A	Troy Canyon, C	86.76	44	↓P	P	07 03 29.7	-0.1
K06A	Valley Falls	86.78	39	↓P	P	07 03 30.0	+0.2
S12A	Delamar Landin	86.78	45	↓P	P	07 03 29.7	-0.2
218A	Dragon	86.79	52	↓P	P	07 03 29.9	-0.2
L07A	Adeli	86.79	40	↓P	P	07 03 29.8	-0.1
G03A	Yamhill	86.82	35	↓P	P	07 03 29.8	-0.1
Y16A	Circle Bar Ranc	86.85	50	↑P	P	07 03 30.1	-0.3
CN2	Changchun	86.88	323	↑P	P	07 03 31.3	+1.1
CN2	AMB			eP	sP	07 03 45.7	-1.0
CN2	AMB			AMB	AMB		
CN2	comp=Z,200nm,5.0s			LR	LR		
CN2	comp=N,600nm,19.0s,M55.2			LR	LR		
CN2	comp=E,700nm,19.0s,M55.2			LR	LR		
O09A	Fish Creek Ranc	86.89	42	↑P	P	07 03 30.6	+0.2
H04A	Detroit Lake	86.97	36	↑P	P	07 03 31.7	+1.0
M08A	Happy Creek Ra	86.99	40	↑P	P	07 03 31.0	+0.2
319A	Douglas	87.00	53	↓P	P	07 03 30.9	-0.3
Q11A	Duckwater	87.02	44	↓P	P	07 03 30.8	-0.2
BMN	Battle Mountai	87.03	42	eP	P	07 03 33.7	+2.6
BMN	comp=Z,27nm,1.3s,mb5.3			LR	LR		
BMN	comp=Z,1um,20.0s,M55.3			P	P	07 03 33.7	+2.6
BMN	Battle Mountai	87.03	42	eP	P	07 03 33.7	+2.6
BMN	comp=Z,27nm,1.3s,mb5.3			MLR	MLR		
T13A	Saint George	87.04	46	↓P	P	07 03 31.2	0.0
N09A	Rock Creek Ranc	87.11	41	↑P	P	07 03 31.9	+0.5
I05A	Bend	87.12	37	↑P	P	07 03 32.	

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Rows include Berg Farm, Fillmore, Parker Ranch, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Rows include Beach Ranch, Hanz Valley, Winthrop, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other details. Rows include Wisdom, Drake Creek, Red Top Meadow, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EDM Edmonton, YAK Yakutsk, and many others.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SUR Sutherland, TKM Tokmak 2, UCH Uchter, and many others.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL comp=Z,700nm,21.7s, MORC Moravsky Berou, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Vila Bisbo, Marletele, Sao Teotonio, Barranco-do-Ve, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mijas, Castelo Branco, Malaga-Limoner, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tobarra, La Murta, Pontenova, etc.

ATH 09:07:58:20.9, 3763N, 1964E, h5km, MD3.5/4
NEIC 09:07:58:23.5, 3770N, 1975E, h5km, MD3.5(ATH), After
ATH
CSEM 09:07:58:26.9, 0.5, 3770N, 1997E, h2km, ML3.4, Error
ellipsoe: s-maj=8.8km s-min=8.0km az=47.0
THE 09:07:58:26.4, 3771N, 1992E, h0km, ML3.4
ISC 09:07:58:26.0, 1.2, 3765N, 005, 1988E, h10km, n15,
c1512/27, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like VLS Valsamata, VLS Valsamata, etc.

NEIC 09:08:13:30.8, 1363N, 6052W, h34km, MD3.6(TRAN), After
TRAN
TRN 09:08:13:29.5, 1362N, 6051W, h23km, MD3.6, M3.4(FDF),
Windward Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like SLB Belfond, SLB Barnard House, etc.

9d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Petropavlovsk, Korea Array, Minna Array, etc.

ISCJB 09 12:21:11.6: 1.6, 3698N.005:451E:01, h10km, 9km, Error ellipse: s-maj=20.3km s-min=6.9km az=15.7

KISR 09 12:21:11.3, 3654N:4637E, h8km, MLL3.0

CSEM 09 12:21:12.7: 0.1, 3695N:4530E, h18km, MLL3.5, Error ellipse: s-maj=2.6km s-min=1.8km az=108.0

ISC 09 12:21:11.7: 1.5, 3697N.005:451E:01, h12km, 10km, n14, a=122/17, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR, ITBZ, MSLS, etc.

CSEM 09 12:46:54.0, 3575N:2749E, h10km, MD3.2/3, After ATH ATH 09 12:46:54.0, 3575N:2749E, h10km, MD3.2/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARP, ARKG, NPS, etc.

NIED 09 13:06:00, 2830N:139.10E, h560km, Mw4.6 Best double couple: M7.61000:1019 NP1:9275.00000, 372.00000, 1:65.00000, NP2:98.00000, 831.00000, 1:143.00000

BUI 09 13:06:40.5, 2798N:139.17E, h472km, mb4.7, mb4.7 JMA 09 13:06:48.3: 0.2, 2834N:139.05E, h541km, 4km, M4.6

IDC 09 13:06:48.3: 0.2, 2838N:138.80E, h515km, mb3.9/23, mb1.4/0.28, mb1mx3.9/31, mb1mp3.9/28, Error ellipse: s-maj=11.4km s-min=6.9km az=87.0

MOS 09 13:06:48.5: 0.9, 2835N:138.69E, h532km, mb4.2/6, Error ellipse: s-maj=14.1km s-min=6.5km az=102.6

ISCJB 09 13:06:48.2: 0.3, 2832N:003:138.89E:04, h532km, 3km, mb4.5/70, Error ellipse: s-maj=5.3km s-min=4.6km az=104.0

NEIC 09 13:06:49.8: 0.6, 2838N:138.73E, h533km, 7km, mb4.7/25, MW4.5(NIED), Error ellipse: s-maj=7.0km s-min=4.5km az=104.0

ISC 09 13:06:49.2: 0.3, 2834N:003:138.87E:004, h526km, 3km, n185, a=95/204, mb4.5/70, 11C-5D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJU, JHHU, JHU2, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTMU, JJKF, JKSRS, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, CMAR, KAPI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HDMB Hadim, PPCY Paphos, ALFC Alevga, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Makanchi Array, DBIC Dimbro, DBIC Dimbokro, etc.

ISCBJ 09 13:46:37.40.3.5530N-002.11056E.004,h10km, mb3.9/10, Error ellipse: s-maj=4.3km s-min=2.3km az=41.4

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KMO Kumora, NIZ Nizh Angarsk, UOYAN Uoyan, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TRG TRG, CIT Chita, UUDU Ulan-Yde, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like MEZF, GROB, KVB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like PLG, POLY, OUR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like WHN, WHN, TSM, etc.

ISCJB 09 14:01:50.8±0.7, 1013N,004±126.18E,0.06, h59km,7km, mb4.0/11, Error ellipse: s-maj=9.8km s-min=5.8km az=158.6

DJA 09 14:05:30, 1904N, 119.64E, h10km, mb5.6/20 SZGRF 09 14:05:32.0, 1759N, 120.86E, h36km, mb5.4, Luzon, Philippine Islands

CD2 14 10 02.0 -0.9 CD2 14 10 03.5 -0.7 CD2 14 10 13.8 -1.0 CD2 14 13 34.6 -1.0

MAN 09 14:01:51, 1012N, 126.17E, h33km, mb5.0, ML3.9, MS4.0 MAN INTENSITY II - GENERAL LUINA, SURIGAO DEL SUR

MOS 09 14:05:35.6±0.8, 1824N, 119.42E, h33km, mb5.7/59, MS4.7/19, Error ellipse: s-maj=9.5km s-min=4.4km az=120.0

CD2 14 10 02.0 -0.9 CD2 14 10 03.5 -0.7 CD2 14 10 13.8 -1.0 CD2 14 13 34.6 -1.0

ISCJB 09 14:01:51.8±0.8, 1013N,004±126.19E,0.06, h53km,7km, n32±117/41, mb4.0/11, 4C-1D, Philippine Islands region

MAN 09 14:05:36.7±0.1, 1820N, 119.31E, h28km, mb0.0, ML4.0, MS4.1 NEIC 09 14:05:36.7±0.1, 1820N, 119.45E, mb5.4/61, MS4.7/1

CD2 14 10 02.0 -0.9 CD2 14 10 03.5 -0.7 CD2 14 10 13.8 -1.0 CD2 14 13 34.6 -1.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like SCPH, BUTP, MSLP, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like ABRA, APYP, BOLP, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like KTMG, KRSR, DL2, etc.

ISCJB 09 14:01:58.7±0.4, 3951N,002±235.5E,0.03, h10km,3km, Error ellipse: s-maj=3.7km s-min=2.9km az=19.2

ATH 09 14:01:58.3, 3945N, 236.3E, h20km, 2km, MD3.5/12, ML3.3 NEIC 09 14:01:58.3, 3945N, 236.3E, h21km, ML3.3(ATH), After ATH

CD2 14 10 02.0 -0.9 CD2 14 10 03.5 -0.7 CD2 14 10 13.8 -1.0 CD2 14 13 34.6 -1.0

CSEM 09 14:01:59.7±0.1, 3947N, 236.2E, h20km, ML3.4, Error ellipse: s-maj=2.1km s-min=1.4km az=82.0

THE 09 14:01:59.3, 3950N, 235.7E, h0km, ML3.4 ISC 09 14:01:59.4±0.3, 3951N,002±235.5E,0.03, h15km,3km, n43, r=103/53, Aegean Sea

CD2 14 10 02.0 -0.9 CD2 14 10 03.5 -0.7 CD2 14 10 13.8 -1.0 CD2 14 13 34.6 -1.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like XOR, NEO, PAIG, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like SSKM, SSE, SSS, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Lists stations like KGM, KBI, KBJ, etc.

comp=Z,10.0nm,1.3s,mb4.2					
CN2	comp=Z,200nm,5.0s	AMB	AMB		
CN2	comp=N,1µm,14.0s,MS4.9	LR	LR		
CN2	comp=E,2µm,14.0s,MS4.9	LR	LR		
CN2	comp=Z,2µm,15.0s,MS4.7	LR	LR		
SHL	Shillong 26.53 291	iP	P	14 11 12.0 -0.1	
SHL		iPCP	PcP	14 11 37.0 +0.7	
SHL		iS	S	14 15 47.0 +2.6	
SHL		iPCS	PcS	14 18 16.1 -1.6	
SHL		eSCS	ScS	14 22 05.0 +0.5	
VLA	Vladivostok 26.98 20	iP	P	14 11 15.7 -0.2	
VLA	Vladivostok 26.98 20	eP	P	14 11 16.1 +0.2	
VLA		e	S	14 11 25.5 0.0	
VLA		eS	S	14 15 56.0 +4.9	
VLA	comp=Z,123nm,1.6s,mb5.2	pmax	pmax		
GTA	Gaotai 27.10 325	iP	P	14 11 17.4 +0.4	
GTA		AP	pP	14 11 27.6 +1.0	
GTA		XP	sP	14 11 32.1 +1.5	
GTA		PP	P	14 12 03.9	
GTA		PCP	PcP	14 14 38.6 +1.2	
GTA		S	S	14 15 51.3 -1.7	
GTA		XS	sS	14 16 06.9 -1.9	
GTA		ScP	ScP	14 18 16.5 +1.1	
GTA	comp=Z,22nm,1.3s,mb4.5	AMB	AMB		
GTA	comp=Z,321nm,6.1s	LR	LR		
GTA	comp=N,1µm,16.0s,MS4.9	LR	LR		
GTA	comp=E,2µm,14.1s,MS4.9	LR	LR		
GTA	comp=Z,3µm,15.2s,MS4.9	LR	LR		
MDJ	Mudanjiang 27.67 16	P	P	14 11 22.2 +0.1	
MDJ		XP	sP	14 11 34.2 -1.5	
MDJ	comp=Z,56nm,1.1s,mb5.1	AMB	AMB		
MDJ	comp=Z,144nm,5.1s	LR	LR		
MDJ	comp=N,366nm,10.8s,MS4.6	LR	LR		
MDJ	comp=E,830nm,10.8s,MS4.6	LR	LR		
MDJ	comp=Z,753nm,12.3s,MS4.5	LR	LR		
MDJ	Mudanjiang 27.67 16	eP	P	14 11 22.7 +0.6	
MDJ	Lhasa 28.16 299	P	P	14 11 27.8 +1.1	
LSA	Lhasa 28.16 299	AP	pP	14 11 35.5 -0.7	
LSA		XP	sP	14 11 44.4 +4.1	
LSA		PP	P	14 12 20.7 -1.0	
LSA		S	S	14 16 11.5 +1.5	
LSA	comp=Z,70nm,1.0s,mb5.2	AMB	AMB		
LSA	comp=Z,230nm,10.0s	AMB	AMB		
LSA	comp=N,340nm,11.0s,MS5.0	LR	LR		
LSA	comp=E,2µm,11.0s,MS5.0	LR	LR		
LSA	comp=Z,3µm,11.0s,MS5.1	LR	LR		
LSA	Lhasa 28.16 299	eP	P	14 11 27.9 +1.2	
LSA	Lhasa 28.16 299	eP	P	14 11 27.9 +1.2	
BATI	Baumta 28.16 171	P	P	14 11 29.4 -0.8	
TAPN	Taplejung 30.53 293	eP	P	14 11 47.9 +0.2	
ODAN	Odare 30.73 292	eP	P	14 11 49.8 +0.3	
SONM	comp=Z,320nm,1.3s,mb5.8	P	P	14 11 55.5 +0.4	
SONM	comp=Z,1.1nm,1.0s,mb4.6,baz=164,slow=9.8,SNR=39	PcP	PcP	14 14 48.2 +0.1	
SONM	comp=Z,3.1nm,0.7s,baz=160,slow=3.6,SNR=7.7	PcP	PcP	14 14 58.4	
SONM	comp=Z,2.9nm,0.8s,baz=166,slow=1.4,SNR=3.7	LR	LR	14 24 20.4	
SONM	comp=Z,939nm,19.9s,MS4.5,baz=48,slow=36	LR	LR		
SONM	Songino Array 31.39 343	P	P	14 11 55.5 +0.4	
RAMN	Ramite 31.44 292	eP	P	14 11 56.4 +0.7	
BOK	Bokaro 31.73 286	eP	P	14 11 59.2 +0.8	
BOK	comp=Z,117nm,1.6s,mb5.5	AMB	AMB	14 12 01.1	
BWNR	Bhubaneswar 31.76 279	eP	P	14 11 59.0 +0.4	
JIRN	Jiri 31.91 293	eP	P	14 12 00.7 +0.8	
GUN	Gumba 32.23 294	eP	P	14 12 03.2 +0.5	
ASAJ	Asahikawa 32.34 32	eP	P	14 12 03.7 +0.3	
KLR	Kul'dur 32.50 15	eP	P	14 12 02.2 -2.6	
KLR	comp=N,33nm,1.4s	pmax	pmax	14 17 17.5 -0.1	
KLR	comp=E,48nm,1.4s	pmax	pmax		
KLR	comp=Z,120nm,1.4s,mb5.6	MLR	MLR		
KLR	comp=E,900nm,13.5s	MLR	MLR		
PKI	comp=Z,1µm,13.5s,MS4.7	MLR	MLR		
PKI	Pulchoki 32.58 293	eP	P	14 12 05.9 +0.1	
PKIN	Phulchoki 32.60 293	eP	P	14 12 05.8 -0.1	
KKN	Kakani 32.73 293	eP	P	14 12 07.1 0.0	
HABR	Khabarovsk 32.75 19	P	P	14 12 04.0 -2.9	
HABR		e	S	14 12 13.8 -2.7	
HABR		e	S	14 13 13.4	
HABR		eS	S	14 17 18.9 -2.5	
HABR		e	S	14 17 35.7	
HABR		e	S	14 19 17.3	
HABR		e	S	14 22 30.7	
DMN	Daman 32.85 293	eP	P	14 12 08.3 +0.1	
KAKA	Kakadu 33.32 156	eP	P	14 12 10.1 -2.1	
GKN	Gorkha 33.33 293	eP	P	14 12 12.4 +0.1	
DANN	Dangsing 34.15 294	eP	P	14 12 19.5 +0.1	
KOLN	Koldanda 34.20 293	eP	P	14 12 19.9 0.0	
VIS	comp=Z,316nm,1.3s,mb5.1	AMB	AMB	14 12 21.3 +0.5	
VIS	Vishakhapatnam 34.29 275	eP	P	14 12 25.1	
YSS	comp=Z,93nm,1.6s,mb5.5	AMB	AMB		
YSS	Yuzh-Sakhalins 34.49 291	eP	P	14 12 22.0 -0.1	
YSS	Yuzh-Sakhalins 34.49 291	iP	P	14 12 22.3 +0.2	
ZAK	Zakamensk 34.58 342	iP	P	14 12 31.8 -0.7	
BLSP	Bilasapur 35.15 283	eP	P	14 12 27.7 -0.4	
TLY	comp=Z,82nm,1.3s,mb5.5	AMB	AMB		
TLY	Talaya 35.64 343	iP	P	14 12 32.3 +0.4	
TLY	Talaya 35.64 343	P	P	14 12 32.9 +1.0	
TLY	Talaya 35.64 343	eP	P	14 12 30.6 -1.3	
TLY	comp=Z,37nm,1.5s,mb5.1	pmax	pmax	14 13 47.4	
IRK	comp=Z,646nm,18.0s,MS4.4	MLR	MLR		
IRK	Irkutsk 35.98 344	iP	P	14 12 35.0 +0.2	
MOY	comp=Z,95nm,1.5s,mb5.5	AMB	AMB		
MOY	Mondy 36.41 341	eP	P	14 12 38.5 0.0	
FITZ	comp=Z,75nm,1.8s,mb5.3	AMB	AMB		
FITZ	Fitzroy Crossi 36.61 170	eP	P	14 12 39.2 -1.4	

FITZ	comp=Z,14nm,0.8s,mb4.9,baz=348,slow=4.8,SNR=14	eP	P	14 12 49.3 -1.0	
FITZ	comp=Z,22nm,0.9s,baz=8.9,slow=9.7,SNR=11	P	P	14 12 39.5 -1.0	
FITZ	comp=Z,141nm,20.8s,MS3.7,baz=21.1,slow=38	LR	LR	14 28 50.9	
WMQ	Urumqi 36.90 321	P	P	14 12 44.2 +1.4	
WMQ		AP	pP	14 12 53.4 +0.9	
WMQ		PCP	PcP	14 15 04.8 +0.8	
WMQ		S	S	14 18 27.0 +1.5	
WMQ		PCS	PcS	14 18 53.2 +1.3	
WMQ		SCS	ScS	14 22 54.9 -0.6	
WMQ	comp=Z,21nm,1.1s,mb4.9	AMB	AMB		
WMQ	comp=Z,403nm,4.5s	AMB	AMB		
WMQ	comp=N,3µm,14.0s,MS5.3	LR	LR		
WMQ	comp=E,3µm,14.0s,MS5.3	LR	LR		
WMQ	comp=Z,2µm,16.0s,MS4.9	LR	LR		
PTH	Phithoragarh 37.40 295	eP	P	14 12 47.0 -0.3	
CLNS	Chit'ulan 38.77 5	eP	P	14 12 59.4 +0.9	
CLNS	comp=N,63nm,1.6s	pmax	pmax		
CLNS	comp=E,27nm,1.3s	pmax	pmax		
HYB	Hyderabad 38.85 275	eP	P	14 12 59.5 -0.1	
HYB	Hyderabad 38.85 275	eP	P	14 12 59.5 -0.1	
HYB	comp=Z,110nm,1.0s,mb5.5	P	P	14 12 59.5 -0.1	
MBWA	Marble Bar 39.14 180	eP	P	14 13 00.6 -1.2	
PALK	Pallekele 39.20 259	eP	P	14 13 03.2 +0.5	
DDI	Dehra Dun 39.37 296	eP	P	14 13 03.3 -0.5	
COEN	Coen 39.64 142	eP	P	14 13 04.6 -1.6	
NDI	New Delhi 39.90 293	eP	P	14 13 08.0 -0.3	
SMLA	Simla 40.24 297	eP	P	14 13 11.8 +0.7	
SMLA	comp=Z,140nm,0.5s,mb6.0	iX	X	14 19 12.6	
WRAB	Tennant Creek 40.65 158	eP	P	14 13 13.1 -1.4	
WRAB	Tennant Creek 40.65 158	iP	P	14 13 13.1 -1.4	
WRAB	Warramunga Arr 40.66 158	P	P	14 13 13.1 -1.4	
WRA	comp=Z,51nm,0.8s,mb5.2,baz=340,slow=9.0,SNR=125	PcP	PcP	14 15 16.2 +0.2	
WRA	comp=Z,14nm,1.0s,baz=342,slow=3.5,SNR=7.5	PcP	PcP	14 15 26.3	
WRA	comp=Z,21nm,1.0s,baz=343,slow=3.5,SNR=7.2	S	S	14 19 15.9 -6.5	
WRA	comp=Z,3.8nm,1.1s,baz=335,slow=17,SNR=5.3	P	P	14 13 13.1 -1.4	
WRA	Warramunga Arr 40.66 158	iP	P	14 13 13.1 -1.4	
WRA	comp=Z,51nm,0.8s	pmax	pmax		
WRB	Warramunga Arr 40.66 158	eP	P	14 13 12.9 -1.7	
WB2	Thain Dam 41.66 299	eP	P	14 15 16.4 +0.4	
MKAR	Makanchi Array 41.71 321	P	P	14 13 23.9 +1.0	
MKAR		P	P	14 13 33.9 +1.2	
MKAR		PcP	PcP	14 15 19.2 +0.1	
MKAR		ScP	ScP	14 19 06.9 -0.1	
MKAR	Makanchi Array 41.71 321	P	P	14 13 23.9 +0.9	
MKAR	comp=Z,14nm,0.9s,mb4.6,baz=122,slow=8.8,SNR=38	P	P	14 13 33.9 +1.2	
MKAR	comp=Z,18nm,1.0s,baz=106,slow=9.1,SNR=9.9	PcP	PcP	14 15 19.2 +0.1	
MKAR	comp=Z,32nm,1.2s,baz=134,slow=3.5,SNR=5.9	PcP	PcP	14 15 29.9	
MKAR	comp=Z,5.6nm,0.8s,baz=100,slow=5.0,SNR=4.2	PcP	PcP	14 19 06.9 -0.1	
MKAR	comp=Z,1.7nm,0.7s,baz=79,slow=6.3,SNR=3.7	ScP	ScP	14 19 06.9 -0.1	
MKAR	Makanchi Array 41.71 321	P	P	14 13 23.9 +1.0	
MKAR		P	P	14 13 33.9 +1.2	
MKAR		PP	PP	14 15 19.2 +0.1	
MKAR		ScP	ScP	14 19 06.9 -0.1	
AJM	Ajmer 42.04 290	eP	P	14 13 25.0 -1.0	
KRAR	Krasnoyarsk 42.72 338	eP	P	14 13 31.6 +0.6	
KRAR	comp=Z,97nm,1.7s,mb5.3	pmax	pmax		
KAD	Karad 42.99 276	eP	P	14 13 33.8 0.0	
KAD	comp=Z,74nm,1.0s,mb5.4	AMB	AMB	14 13 48.1	
KSH	Kashi 43.04 309	eP	P	14 13 35.7 +1.8	
KSH		eP	P	14 13 45.8 +2.1	
KSH		eP	P	14 14 29.5 +1.8	
KSH		ePP	P	14 15 19.2 +0.5	
KSH		ePCP	PcP	14 15 25.4 +1.7	
KSH		eSCP	ScP	14 19 13.0 +0.5	
KSH		ePCS	PcS	14 19 17.3 +1.3	
KSH		eS	S	14 20 03.3 +2.8	
KSH		YS	sS	14 20 16.3 +2.6	
KSH		eSCS	ScS	14 23 31.2 -0.9	
KSH	comp=Z,155nm,1.2s,mb5.6	AMB	AMB		
KSH	comp=Z,895nm,4.8s	AMB	AMB		
KSH	comp=N,2µm,6.4s	LR	LR		
KSH	comp=E,4µm,13.2s	LR	LR		
KSH	comp=Z,4µm,13.7s,MS5.5	LR	LR		
POO	Poona 43.15 278	eP	P	14 13 34.0 -1.0	
POO	comp=Z,84nm,1.4s,mb5.3	AMB	AMB	14 13 36.8	
ULHL	Ulahol 43.07 313	P	P	14 13 40.8 +1.6	
ASAR	Alice Springs 43.97 161	P	P	14 13 40.9 -0.6	
ASAR	comp=Z,33nm,0.7s,mb5.2,baz=339,slow=7.3,SNR=179	PcP	PcP	14 15 27.0 0.0	
ASAR	comp=Z,11nm,0.9s,baz=344,slow=3.3,SNR=4.8	PcP	PcP	14 15 36.9	
ASAR	comp=Z,8.0nm,0.8s,baz=341,slow=4.4,SNR=6.1	P	P	14 15 36.9	
ASAR	comp=Z,2.6nm,1.0s,baz=346,slow=18,SNR=8.4	S	S	14 20 08.6 -2.7	
ASAR	Alice Springs 43.97 161	P	P	14 13 40.9 -0.6	
ASAR		S	S	14 20 07.6	
ASAR		P	P	14 15 28.0 -2.6	
KZA	Kyzart 44.34 312	S	S	14 14 46.8 +2.3	
YAK	Yakutsk 44.36 71	eP	P	14 13 43.7 -0.4	
YAK	Yakutsk 44.36 71	iP	P	14 13 43.9 -0.2	
YAK		ePP	P	14 15 53.7 -0.3	
YAK		e	S	14 16 01.7	
YAK		ePPP	P	14 15 31.6	
YAK		eS	S	14 20 16.3 +0.2	
YAK		eSS	SS	14 20 27.5 -4.8	
YAK		eSS	SS	14 23 30.4 -4.9	
YAK	comp=N,28nm,1.5s	pmax	pmax		
YAK	comp=Z,58nm,1.0s,mb5.3	smax	smax		
YAK	comp=N,43nm,2.0s	smax	smax		
YAK	comp=E,38nm,1.8s	MLR	MLR		
YAK	comp=N,756nm,18.0s	MLR	MLR		
TKM2	comp=Z,791nm,16.0s,MS4.7	P	P	14 13 45.8 +1.1	
TKM2	Tokmak 2 44.38 313	eP	P	14 13 45.8 +1.2	
TKM2	comp=Z,64nm,1.5s,mb5.1	pmax	pmax	14 13 45.9 +1.3	
TKM2	Tokmak 2 44.38 313	P	P	14 13 45.9 +1.3	
ZAAO	Zalesovo Array 44.50 331				

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LGHD, ETRT, EBNR, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SBF, SBF, SBF, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LBL, EMIN, EMIN, etc.

mb3.6/10, Error ellipse: s-maj=14.5km s-min=10.5km az=144.9
NEIC 09 18:56:34.1±1.4, 3355N:13828E, h306km±13km, mb3.5/1,
Error ellipse: s-maj=42.2km s-min=15.1km az=51.0
IDC 09 18:56:34.0±0.7, 3354N:13826E, h308km±8km, mb3.2/8,
mb1 3.3/10, mb1mx3.1/25, mbtmp3.2/10, Error ellipse:
s-maj=40.2km s-min=15.5km az=49.0
ISC 09 18:56:33.9±0.5, 3351N:1007.1331E:010, h308km±4km,
n24, o991/31, mb3.6/10, 2C, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like JMY Miyakejima3, JHJ Hachioji jima 2, JHU 28nm, 0.3s, baz=62, slow=22, SNR=10, etc.

IDC 09 18:59:45.7±0.7, 279N:12520E, h0km, mb4.0/11,
mb1 4.2/11, mb1mx4.2/10, mbtmp4.0/11, MS3.3/3,
Ms1 3.3/3, ms1mx2.8/28, Error ellipse: s-maj=37.7km
s-min=13.8km az=73.0

ISCJB 09 18:59:47.9±1.2, 284N:1252E:02, h30km±30km,
mb4.3/20, MS3.3/3, Error ellipse: s-maj=26.2km
s-min=10.3km az=163.8

NEIC 09 18:59:47.5±0.9, 289N:12535E, h14km±62km, mb4.6/6,
Error ellipse: s-maj=40.9km s-min=10.5km az=63.0
MOS 09 18:59:48.2±1.0, 281N:12505E, h33km, mb4.8/8, Error
ellipse: s-maj=38.9km s-min=11.7km az=104.4

ISC 09 18:59:51.4±3.0, 280N:1008.1252E:02, h34km±29km, n36,
o085/34, mb4.3/20, MS3.2/3, 3C-2D, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

ISCJB 09 19:11:47.8±0.9, 3838N:206E:02, h17km±17km,
Error ellipse: s-maj=23.3km s-min=10.7km az=156.3
ATH 09 19:11:47.1, 3836N:2059E, h17km±2km, MD3.2/4
NEIC 09 19:11:47.1, 3836N:2059E, h17km, MD3.2(ATH), After
ATH.
CSEM 09 19:11:48.1±0.3, 3839N:2064E, h12km, MD3.2, Error
ellipse: s-maj=11.5km s-min=6.1km az=82.0
THE 09 19:11:48.1, 3836N:2049E, h0km, ML2.9
ISC 09 19:11:47.9±0.9, 3837N:007.206E:02, h18km±9km, n7,
o101/9, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like VLS Valsamata, VLS Valsamata, KFL Anninata, etc.

IDC 09 19:12:41.7±10.0, 1416N:11978E, h0km, mb3.5/3,
mb1 3.9/3, mb1mx3.4/21, mbtmp3.6/3, Error ellipse:
s-maj=366.1km s-min=32.1km az=38.0

ISCJB 09 19:12:42.9±1.1, 1502N:0044:11986E:006, h26km±10km,
mb3.7/2, Error ellipse: s-maj=9.9km s-min=6.9km az=11.4
MAN 09 19:12:42, 1501N:11985E, h21km, mb4.6, ML3.4, MS3.3
ISC 09 19:12:43.1±1.2, 1501N:0044:11991E:006, h18km±9km,
n18, o104/21, mb3.7/2, 3C-1D, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like NBP Mount Natib, PCPJ Santa Cruz, SCBP Palayan, etc.

WRA Warramunga Arr 37.52 157 P 19 59 51.1 -5.4
ASAR Alice Springs 401 160 P 19 20 19.1 -4.8

CASC 09 19:29:40.8±3.8, 893N:8285W, h13km±10km, MD4.0,
9C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like BRUZ Volcan, BRUZ BRUZ, TBSZ TBSZ, etc.

NEIC 09 19:30:58.7, 3234Sx7192W, h8km, ML2.6(GUC), After
GUC
GUC 09 19:30:58.7±0.7, 3234S:7192W, h8km±6km, MD3.7, ML2.6,
2D, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like JACH Jahuel, JACH Peldehue, JACH Peldehue, etc.

CSEM 09 19:46:24.8±0.1, 3844N:3915E, h2km, MD3.1, Error
ellipse: s-maj=2.7km s-min=2.5km az=167.0
ISCJB 09 19:46:25.0±0.6, 3843N:003:3915E:003, h2km±5km,
Error ellipse: s-maj=4.8km s-min=4.1km az=177.3
DDA 09 19:46:25.0, 3843N:3915E, h10km±7km, MD3.2
ISK 09 19:46:25.3, 3842N:3914E, h5km, MD3.1
ISC 09 19:46:26.2±0.5, 3843N:003:3915E:003, h5km±5km, n17,
o088/26, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like SVRC Sivrice-ELAZID, SVRC Pertek, PTK Malataya, etc.

Table with columns: ATAB Bozova, ATAB Bozova, ECC Erzincan, GZT Gaziantep, GZT Gaziantep, etc.

NIED 09 20:16:00.3460N:14190E, h8km Mw4.7 Best double
couple: M1:45000:1016 NP1:39.00000:0.869.00000,
λ:121.00000°. NP2:36:160.00000:0.837.00000°, λ:36.00000°.
IDC 09 20:16:29.5±0.6, 3466N:14166E, h0km, mb4.4/17,
mb1 4.6/22, mb1mx4.5/26, mbtmp4.5/22, ML4.0/5, MS4.0/17,
Ms1 4.0/17, ms1mx3.8/31, Error ellipse: s-maj=16.2km
s-min=13.6km az=117.0

JMA 09 20:16:31.1±0.2, 3465N:14190E, h47km±3km, M4.0
NEIC 09 20:16:31.2±4.0, 3469N:14160E, h8km±24km, mb4.8/22,
MW4.7(NIED), Error ellipse: s-maj=9.0km s-min=6.8km
az=95.0

ISCJB 09 20:16:32.2±1.0, 3457N:003:14169E:004, h30km±6km,
mb4.7/77, MS4.2/31, Error ellipse: s-maj=5.4km
s-min=5.2km az=39.7
BUJ 09 20:16:32.6, 3469N:14119E, h18km, mb4.6, mb4.5, Ms4.6,
Ms24.3

MOS 09 20:16:32.1±1.1, 3467N:14155E, h33km, mb4.9/30,
MS4.3/14, Error ellipse: s-maj=12.8km s-min=6.1km
az=118.0

SZGRF 09 20:16:40.5, 3547N:14110E, h33km, mb5.0, Near east
coast of eastern Honshu, Japan
ISC 09 20:16:34.1±1.0, 3462N:003:14162E:004, h28km±6km,
h28m±3.1km, pp-P, n173, o095/186, mb4.7/77, MS4.2/31,
14C-3D, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Rows include stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

comp=Z,557nm, 18.9s, baz=40, slow=37
MJAR Matsuhiro Arr 3.38 305 Pn 20 17 24.8 -0.1

MAJO Matsuhiro 3.38 305 eP Pn 20 17 17.5 -7.4
MAT Matsuhiro 3.38 305 eS Pn 20 17 25.1 +0.2

CBJI Chichi jima 7.52 176 Pn 20 18 20.3 -1.5
CBJ 16nm, 0.3s, baz=104, slow=23, SNR=12

JNU Nakatsue 9.06 263 Pn 20 18 43.9 +0.8
JNU 1.2nm, 0.3s, baz=69, slow=16, SNR=16

ASAJ Asahikawa 9.51 4 Pn 20 18 44.2 -4.8
ASAJ 3.9nm, 0.3s, baz=221, slow=12, SNR=23

ASAJ 2.6nm, 0.3s, baz=24, slow=29, SNR=7.2
ASAJ comp=Z,2um, 18.3s, baz=193, slow=45

ASAJ Asahikawa 9.51 4 Pn 20 18 44.2 -4.8
ASAJ comp=Z,4.0nm, 0.3s pmax pmax

ASAJ comp=N,3.0nm, 0.3s smax MLR MLR

YUK Yuzh-Kurilsk 9.95 18 eP Pn 20 19 03.2 +8.1
KSRS Korea Array 11.45 288 Pn 20 19 15.2 -0.4

YSS Yuzh-Sakhalin 12.35 4 eP Pn 20 19 20.9 -6.9
YSS comp=Z,2.5nm, 0.7s pmax pmax

YSS comp=Z,70nm, 1.1s MLR MLR
YSS comp=N,2um, 16.0s MLR MLR

YSS comp=Z,1um, 16.0s MLR MLR
YSS comp=E, 800nm, 15.0s MLR MLR

MDJ Mudanjiang 13.61 321 P Pn 20 19 42.0 -3.1
HABR Khabarovsk 14.68 343 eP Pn 20 19 55.2 -4.4

CN2 Changchun 15.51 311 eP Pn 20 20 09.6 -1.0
CN2 comp=Z,1.0nm, 0.6s AMB AMB

CN2 comp=Z,200nm, 7.0s LR LR
CN2 comp=N,2um, 18.0s LR LR

CN2 comp=E, 1um, 18.0s LR LR
CN2 comp=Z,900nm, 16.0s LR LR

CN2 comp=Z,12nm, 1.6s AMB AMB
SNY comp=Z,194nm, 12.0s AMB AMB

SNY comp=N, 1um, 16.7s LR LR
SNY comp=E, 995nm, 17.5s LR LR

DL2 Dalian 16.58 291 P Pn 20 20 19.3 -5.1
DL2 comp=Z,10.0nm, 0.6s AMB AMB

DL2 comp=Z,100nm, 4.3s LR LR
DL2 comp=N,570nm, 14.9s LR LR

DL2 comp=E, 710nm, 16.3s LR LR
DL2 comp=Z,770nm, 15.7s LR LR

SSE Sheshan 17.52 264 P Pn 20 20 35.2 -1.1
SSE AP pP 20 20 42.5 -2.3

SSE XP sP 20 20 44.5 -3.9
SSE S S 20 23 47.6 -3.0

SSE comp=Z,14nm, 0.5s AMB AMB
SSE comp=Z,52nm, 0.8s AMB AMB

SSE comp=N, 868nm, 14.5s LR LR
SSE comp=E, 253nm, 14.5s LR LR

NJ2 Nanjing 19.19 269 eP Pn 20 20 52.9 -3.7
NJ2 AP sP 20 21 01.6 -5.2

Table with columns: ARSA, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Arzberg, Vrh nad Dolnski, Bratislava, etc.

ICD 09 22:17.71.2, 1.765N:10601W, h0km, mb4.1/7, mb1.4/2.12, mb1mx4.1/26, mbtmp4.0/12, MSJ=5/5, MS3.5/17, Mb1.3.5/17, mb1mx3.4/28, Error ellipse: s-maj=32.8km, s-min=17.7km, az=56.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Santa Fe, Zihuatanejo, MOIG, etc.

Main table with columns: TEIG, Z14A, Y16A, X19A, X18A, ANMO, ANMO, ANMO, Y15A, GLA, Y14A, AMTX, Y13A, SWSC, X15A, W18A, Y12C, BAR, W17A, X14A, W16A, WC3, BK01, TGUH, Y19A, X13A, V18A, W15A, IRM, WUAZ, WUAZ, PFO, PFO, PFO, W14A, BELC, NEE2, W13A, MURC, V15A, U16A, U18A, V14A, GMRC, W12A, U17A, U13A, B13A, V12A, T18A, U14A, SDCO, V11A, U13A, MIAR, GSC, GSC, T15A, U12A, PV01, T13A, PV10, U10A, CCUT, R18A, MPMC, S13A, ARUT, ISA, ISA, T11A, PKM, TPNV, TPNV, S12A, MSU, R13A, Q16A, CBKS, S11A, SRU, ISCO, TMUT, Q14A, HELL, OXF, S10A, R11A

Main table with columns: S09A, PKC, S0D, TPH, Q12A, Q10A, Q11A, KSU1, T03A, U04C, DAU, DUG, DUG, HAST, PLAL, NVAR, PARMO, PAYG, O12A, N15A, WAKR, R06C, N14A, CMB, CCM, N13A, WWT, R05C, M15A, ELK, N12A, O09A, M14A, M13A, DWPF, BNM, HVU, SWET, PAHR, BW06, L13A, GOGA, O06A, M10A, L12A, N07B, M09A, L11A, K13A, REDW, L10A, M08A, K12A, TPWA, LOHW, MOOW, GASB, RSSD, K11A, TKL, P01C, J13A, M06C, L08A, J12A, HATC, K10A, HLID, HLID, L07A, K09A, H13A, H12A, G15A, YBH, DLMT, DLMT, G13A, F15A, F13A, F12A, E13A, CHMT, E11A, D14A, NEW

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OTAV Otavalo, ULM Lac du Bonnet, SDV Santo Domingo, etc.

IDC 09 22:26:20.9, 1.2, 2.04N-127.77E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.8/18, mbmt3.9/6, Error ellipse: s-maj=85.2km s-min=18.2km az=72.0

ISCJB 09 22:26:24.1, 0.9, 2.0N-102.1274E, h33km, mb4.0/8, Error ellipse: s-maj=65.0km s-min=11.8km az=161.3

NEIC 09 22:26:26.0, 0.6, 1.98N-127.55E, h35km, mb4.2/4, Error ellipse: s-maj=45.0km s-min=8.0km az=71.0

ISC 09 22:26:26.1, 0.9, 2.0N-102.1276E, h35km, n14, d0556/14, mb4.0/8, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warrungarra Arr, etc.

ISCJB 09 22:27:58.2, 1.2, 1.80S-0.1x175.2W, h1.0, h216km, 16km, mb3.9/9, Error ellipse: s-maj=24.2km s-min=13.4km az=29.4

NEIC 09 22:27:59.0, 0.9, 1.802Sx175.23W, h216km, 12km, mb4.1/4, Error ellipse: s-maj=14.4km s-min=9.8km az=119.0

IDC 09 22:27:59.0, 2.6, 1.795Sx175.19W, h208km, 36km, mb3.8/7, mb1.3/9, mb1mx3.6/19, mbmt3.6/8, Error ellipse: s-maj=30.8km s-min=26.0km az=17.0

ISC 09 22:27:58.8, 1.2, 1.80S-0.1x175.2W, n11, h205km, 16km, n18, d0576/19, mb3.9/9, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, RAO Raoul Island, CTA Charters Tower, etc.

IDC 09 22:30:13.9, 0.8, 3.472N-73.16E, h0km, mb3.8/10, mb1.3/9, mb1mx3.7/26, mbmt3.8/13, ML3.6/3, MS3.3/1, Ms1.3/1, ms1mx2.3/30, Error ellipse: s-maj=24.4km s-min=17.2km az=58.0

ISCJB 09 22:30:19.0, 0.6, 0.6283N, 003.7338E, h0km, 6km, mb3.7/9, Error ellipse: s-maj=7.4km s-min=4.1km az=153.6

NEIC 09 22:30:22.9, 1.0, 3.484N-73.14E, h67km, 9km, mb3.5/3, Error ellipse: s-maj=9.0km s-min=7.8km az=204.0

NNC 09 22:30:27.6, 4.2, 3520N-72.97E, h88km, 49km, mb2.8, mpv3.7, Error ellipse: s-maj=41.7km s-min=34.4km az=30.0

ISC 09 22:30:21.5, 0.5, 3.480N-003.7333E, h05, h54km, 7km, n49, d1355/56, mb3.7/9, 6CZ-2D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include THN Thein Dam, THN Thin, DLH Dalhousie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SDNR Sundarnagar, SMLA Simla, SMLA Simla, etc.

NIED 09 22:55:00, 4.340N-147.60E, h5km, Mw4.1 Best double event: Mb1-4000-015, P11+Pb104, 000000, 384, 000000, 1.92, 000000, NP2-0a-262, 000000, 36, 000000, 3.3m, 0.4s

JMA 09 22:55:13.8, 0.3, 4.342N-147.57E, h7km, M3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NEM2 Nemuro, NEM2 Nemuro, JRA Rausu, etc.

IDC 09 23:20:46.1, 3.5, 5.20S-151.75E, h0km, mb3.8/2, mb1.4/1.2, mb1mx3.5/15, mbmt3.8/2, Error ellipse: s-maj=140.3km s-min=47.1km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warrungarra Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

IDC 09 23:24:36.5, 10.0, 17.30N-105.75W, h0km, mb3.5/2, mb1.4/0.3, mb1mx3.7/20, mbmt3.5/3, ML3.3/1, MS3.1/1, Ms1.3/1, ms1mx2.5/14, Error ellipse: s-maj=169.5km s-min=98.3km az=145.0

ISCJB 09 23:24:45.0, 2.3, 17.6N-10.1x105.73W, h07, h49km, 14km, mb4.0/8, Error ellipse: s-maj=22.5km s-min=10.5km az=16.3

NEIC 09 23:24:44.2, 0.9, 17.46N-105.88W, h35km, mb4.2/10, Error ellipse: s-maj=14.2km s-min=9.5km az=35.0

ISC 09 23:24:47.1, 2.0, 17.7N-01x105.75W, h48km, 12km, n159, d0663/160, mb4.0/8, 54C-56D, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TXAR Lajitas Array, TXAR Douglas, TXAR Bisbee, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include 216A Three Points, TUC Tucson, TUC Ashpeak Ranch, etc.

Table of astronomical observations for 10d Oh, listing station codes (CDF, MEM, WLF, etc.), station names, coordinates, and observation times.

Table of astronomical observations for 2007 JUL, listing station codes (HYF, BGF, BGF, etc.), station names, coordinates, and observation times.

Table of astronomical observations for 290, listing station codes (YKA, LBTB, LBTB, etc.), station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Bitola, Litokhoron, Tirane, Krusevo, Qafa e Shtames, etc.

BJI 10:00:46:21.8, 7.17S, 130D2E, h109km, mb5.1, mb4.9
MOS 10:00:46:24.4, 1.0, 6.69S, 12979E, h95km, mb4.7/20, Error ellipse: s-maj=18.2km s-min=7.3km az=114.5

NEIC 10:00:46:28.0, 1.1, 6.73S, 12933E, h118km, mb4.8, mb4.8/28, Error ellipse: s-maj=11.8km s-min=6.4km az=54.4

ISCSJB 10:00:46:29.1, 0.7, 6.84S, 0.04, 130D3E, h148km, mb4.8, mb4.7/51, Error ellipse: s-maj=9.5km s-min=4.8km az=151.4

IDC 10:00:46:31.1, 0.6, 6.79S, 12982E, h142km, mb4.2/12, mb1.4, 3/15, mb1mx4.3/15, mb2mx3/15, MS3.4/6, ms1.3/5, ms1mx3.2/24, Error ellipse: s-maj=13.3km s-min=8.9km az=73.0

DJA 10:00:46:34, 6.84S, 130D0E, h157km, ML5.2/6, ISC 10:00:46:30.3, 0.7, 6.88S, 104x, 12992E, 0.04, h141km, mb7km, h147km, 2.3km, pP-P, n135, s1512/141, mb4.7/51, 9C-4D,

Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Ambon, Kakadu, Baumata, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Port Moresby, Marble Bar, Sdkm, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Uchtor, Almayashu, AML, etc.

NNC 10:01:04:31.9, 3.7, 3.984N, 74.15E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=34.6km s-min=20.3km az=9.0
ISC 10:01:04:26.1, 3.9, 3.91N, 04.74E, 0.1, h12km, mb3km, n12, s1930/14, 5C-2D, Southern Xinjiang

Table with columns: NOA, NORSAR Array B, PKPbc, PKPbc, 04 03 28.1 -1.7, etc.

Table with columns: WEL, 10 04:13:41.7, 0.8, 3926S, h213km, 5km, ML3.7, 11, etc.

Table with columns: KURK, KURK, 41.91 304 eP, P, 04 23 15.2 -0.1, etc.

SOF 10 04:06:53.9, 3988N, 2619E, h5km, MD2.9, Error ellipse: s-maj=1.2km s-min=1.1km az=89.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

Main table of station data with columns: Code, Station Name, Δ°, AZ', Phase ID, Time, Res, h, m, s, ISC

NIED 10 04:15:00, 4180N, 139.40E, h8km, Mw4.2 Best double couple: M2.26000x1015 NP1: 9.145, 0.0000°, 859.0000°

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

MAN 10 04:09:01, 1329N, 120.30E, h1km, mb4.6, ML3.5, MS3.5

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

NEIC 10 04:09:04.0, 0.4, 1354N, 120.73E, h35km, mb4.5/1, Error ellipse: s-maj=24.9km s-min=6.9km az=62.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

ISC 10 04:09:05.4, 0.5, 1333N, 003.3, 120.30E, 0.06, h43km, 6km, n40, 0.895/48, mb4.4/15, MS3.5/2, Error ellipse: s-maj=9.2km

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

LUBP Lubang 0.41 352 eP P 04 19 10.4 -4.8

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

BATI Baunata 23.62 172 P P 04 14 14.1 +1.4

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

WRA Warramunga Arr 35.83 157 P P 04 16 00.8 -0.2

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

ASAR Alice Springs 39.10 160 P P 04 16 29.2 +0.6

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

GERES GERRASS Array B 77.86 327 P P 04 27 22.6 +0.2

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

RES Resolute Bay 58.31 15 eP P 04 25 18.4 -0.9

AKGG	Akutan Green G	3.29	57	P	Pn	04 49 04.1 +1.5
AKLV	Akutan Long Va	3.29	58	P	Pn	04 49 04.1 +1.4
AKUT	Akutan	3.38	59	P	Pn	04 49 05.6 +1.8
ADK	Adak	3.73	262	S	Pn	04 49 10.0 +1.4
ADK	Adak	3.73	262	S	Pn	04 49 54.0 +2.8
ADK	Adak	3.73	262	S	Pn	04 49 59.0 +1.3
ADK	Adak	3.73	262	S	Pn	04 49 53.9 +2.7
SPIA	Saint Paul Isl	4.67	3	P	Pn	04 49 25.7 +4.1
FALS	False Pass	4.93	59	ePn	Pn	04 49 24.9 -0.2
AMKA	Amchitka	6.28	263	P	Pn	04 49 46.2 +2.6
SDPT	Sand Point	6.68	61	P	Pn	04 49 49.1 0.0
CHGN	Chignik	8.11	57	eP	Pn	04 50 08.9 +0.2
SMY	Shemya	9.24	277	P	Pn	04 50 26.3 +2.1
FX1	Attu Island-F	9.79	278	P	Pn	04 50 33.3 +1.6
KDAK	Kodiak Island	11.62	56	P	Pn	04 50 56.2 -0.4
KDAK	2.8nm, 0.3s, baz=348, slwr=13, SNR=11			S	Pn	04 53 00.7 -4.2
SVW2	Sparrevohn	11.91	38	eP	Pn	04 51 04.3 +3.7
TT01	Tatalina	13.00	31	P	Pn	04 51 20.1 +4.6
TTA	Tatalina	13.02	31	P	Pn	04 51 19.8 +4.1
TNA	Tin City	13.15	5	eP	Pn	04 51 20.4 +2.8
SLKM	Skilak Lake	13.80	47	ePn	Pn	04 51 26.5 +0.1
PMR	Palmer	14.78	44	eP	Pn	04 51 42.8 +3.3
PMR	Palmer	14.78	44	eP	Pn	04 51 42.8 +3.3
PMR	comp=Z, 3.0nm, 0.8s			pmax	pmax	
IM3	Kantishna Hill	15.15	35	P	Pn	04 51 49.6 +5.3
KTH	Indian Mountai	15.96	26	P	Pn	04 52 00.1 +5.4
MCK	McKinley	15.97	37	eP	Pn	04 51 58.2 +3.2
IM42	Indian Mountai	16.04	26	eP	Pn	04 52 00.4 +2.8
BMR	Bremner River	16.53	49	ePn	Pn	04 52 00.4 +1.7
COLA	College	17.02	35	ePn	Pn	04 52 07.5 -0.6
COLA	College	17.02	35	ePn	Pn	04 52 08.8 +0.7
PET	Petropavlovsk	18.47	284	eP	Pn	04 52 19.8 -6.2
PET	Petropavlovsk	18.47	284	eP	Pn	04 52 19.8 -6.2
PET	comp=Z, 110nm, 8.4s			pmax	pmax	
PET	comp=Z, 300nm, 20.0s			MLR	MLR	
PETK	Petropavlovsk	19.02	284	P	Pn	04 52 33.6 +0.9
PETK	comp=Z, 6.4nm, 0.3s, baz=84, slwr=14, SNR=71			PcP	PcP	04 56 54.7 -0.2
PETK	comp=Z, 0.2nm, 0.3s, baz=106, slwr=5.7, SNR=6.4			LR	LR	04 59 48.9
BILL	Bilibino	19.09	333	eP	Pn	04 52 34.8 +1.5
BILL	Bilibino	19.09	333	eP	Pn	04 52 35.2 +1.9
BILL	comp=Z, 49nm, 1.7s			pmax	pmax	
EGAK	Eagle	19.49	39	eP	Pn	04 52 36.7 -0.8
BM3	Burnt Mountain	19.59	30	P	Pn	04 52 39.4 0.0
SK4C	Skagway	20.77	66	P	Pn	04 52 57.7 +1.1
SEY	Seymchan	21.96	313	eP	Pn	04 53 04.6 +1.4
MA2	Magadan	22.37	304	eP	Pn	04 53 10.4 +2.7
MA2	Magadan	22.37	304	eP	Pn	04 53 10.2 +2.6
MA2	comp=Z, 2.4nm, 0.8s, mb4.7			pmax	pmax	
VIB	Van Inlet	22.87	73	T		05 16 41.5
DIB	Dawson Inlet,	22.92	73	T		05 16 52.7
DLBC	Dease Lake	23.52	59	eP	P	04 53 21.3 +1.8
DLBC	Dease Lake	23.52	59	eP	P	04 53 20.6 +1.2
INK	Inuvik	23.68	34	P	Pn	04 53 19.6 -1.3
INK	comp=Z, 1.1nm, 0.7s, mb4.4, baz=231, slwr=9.3, SNR=22			LR	LR	05 03 46.0
INK	comp=Z, 237nm, 18.1s, MS3.7, baz=246, slwr=39			LR	LR	05 03 20.4 -0.4
INK	Inuvik	23.68	34	P	Pn	04 53 20.4 -0.4
BBB	Bella Bella	25.75	74	LR	LR	05 01 32.9
C04A	Brinnon	30.54	80	eP	Pn	04 54 23.5 +0.9
C04A	comp=Z, 1.15nm, 19.6s, MS3.8, baz=96, slwr=31			P	Pn	04 54 23.5 +0.9
GNW	Green Mountain	30.69	80	eP	Pn	04 54 24.8 +0.8
GNW	Green Mountain	30.69	80	eP	Pn	04 54 25.1 +0.2
GNW	Green Mountain	30.69	80	eP	Pn	04 57 21.6 +0.8
E03A	Lebam	30.73	82	eP	Pn	04 54 25.2 +1.0
YKW3	Yellowknife Ar	30.75	49	eP	Pn	04 54 24.5 +0.3
YKA	Yellowknife Ar	30.76	49	eP	Pn	04 54 24.0 -0.3
YKA	Yellowknife Ar	30.76	49	eP	Pn	05 00 09.0 -0.5
YKA	Yellowknife Ar	30.76	49	eP	Pn	05 07 00.4
YKA	Yellowknife Ar	30.76	49	eP	Pn	04 54 23.1 -1.3
YKA	comp=Z, 2.4nm, 0.8s, mb4.7, baz=275, slwr=9.4, SNR=16			PcP	PcP	04 57 20.4 -0.3
YKA	comp=Z, 2.7nm, 0.9s, baz=279, slwr=2.5, SNR=7.5			ScP	ScP	05 00 59.0 -0.5
YKA	comp=Z, 1.0nm, 0.8s, baz=280, slwr=3.1, SNR=7.6			LR	LR	05 07 00.4
YKA	comp=Z, 144nm, 21.9s, MS3.6, baz=220, slwr=37			LR	LR	04 54 24.3 -0.1
YKA	Yellowknife Ar	30.76	49	eP	Pn	04 54 25.7 +0.7
B05A	Bryant	30.82	78	eP	Pn	04 54 25.7 +0.7
C05A	Toit Reservoir	31.32	79	eP	Pn	04 54 30.3 +0.9
A05A	Enumclaw	31.37	80	eP	Pn	04 54 31.0 +1.1
A07A	Ashmole River,	31.49	76	eP	Pn	04 54 31.4 +0.4
FL2	Flat Top 2	31.63	82	P	Pn	04 54 33.1 +0.9
LON	Longmire	31.69	81	eP	Pn	04 54 34.3 +1.5
LON	Longmire	31.69	81	eP	Pn	04 54 34.3 +1.6
F04A	Amboy	31.72	82	eP	Pn	04 54 33.1 +0.1
E05A	Randle	31.81	81	eP	Pn	04 54 34.1 +0.4
B07A	Winthrop	31.91	77	eP	Pn	04 54 34.9 +0.3
G04A	Mulino	32.05	84	eP	Pn	04 54 36.3 +0.3
D06A	Cle Elum	32.06	79	eP	Pn	04 54 36.4 +0.5
VLMM	Larch Mountain	32.15	83	P	Pn	04 54 38.3 +1.5
A08A	Turner Farm, O	32.19	75	P	Pn	04 54 37.4 +0.4
E06A	Yakima	32.29	80	eP	Pn	04 54 38.3 +0.3
C07A	Waterville	32.29	78	eP	Pn	04 54 38.2 +0.2
B08A	Colville Reser	32.42	76	P	Pn	04 54 39.5 +0.4
YAK	Yakutsk	32.45	311	eP	Pn	04 54 39.1 -0.1
YAK	comp=Z, 2.4nm, 0.9s, mb5.0			pmax	pmax	
YAK	comp=E, 1.4nm, 1.1s			MLR	MLR	
YAK	comp=Z, 2.88nm, 20.0s, MS4.0			MLR	MLR	
YAK	comp=N, 116nm, 19.0s, MS4.0			MLR	MLR	
H04A	Detroit Lake	32.50	84	P	Pn	04 54 40.2 +0.3
D07A	Quincy	32.58	79	eP	Pn	04 54 40.6 +0.1
A09A	Danville	32.58	75	eP	Pn	04 54 41.1 +0.5
CROR	Criterion Ridge	33.07	83	P	Pn	04 54 45.7 +0.9
B09A	Rice	33.09	76	P	Pn	04 54 45.5 +0.6
H05A	Madras	33.10	84	eP	Pn	04 54 45.6 +0.5
G06A	Carlson Farm,	33.15	82	eP	Pn	04 54 45.7 +0.1
A10A	Northport	33.19	74	eP	Pn	04 54 46.0 +0.2
VTHM	Trough	33.23	82	P	Pn	04 54 47.0 +0.8
HAWA	Hanford	33.23	80	eP	Pn	04 54 47.0 +0.8
F07A	Phinny Hill Vi	33.25	81	eP	Pn	04 54 47.4 +1.0
D08A	Wollman Farm,	33.28	78	eP	Pn	04 54 46.9 +0.3
C09A	Chrisman Ranch	33.31	77	eP	Pn	04 54 47.2 +0.3

I05A	Bend	33.33	84	eP	P	04 54 47.8 +0.6
E08A	Dider Farm, El	33.47	79	eP	P	04 54 48.9 +0.5
H06A	Linquist Farm	33.60	83	eP	P	04 54 49.5 0.0
D09A	Jones Farm, Ri	33.64	78	eP	P	04 54 49.5 -0.3
HKL	Haleakala	33.67	155	eP	P	04 54 45.6 -4.6
G07A	Ruggles Ranch, H	33.72	82	eP	P	04 54 58.5 -3.5
NEW	Newport	33.77	75	eP	P	04 54 51.1 +0.2
NEW	Newport	33.77	75	eP	P	04 57 29.5 +0.2
NEW	Newport	33.77	75	eP	P	05 01 09.6 -0.5
NEW	Newport	33.77	75	eP	P	04 54 51.1 +0.2
NEW	Newport	33.77	75	eP	P	04 57 29.5
EDM	Edmonton	33.84	65	eP	P	04 54 51.6 +0.2
A11A	Hall Mountain,	33.90	74	eP	P	04 54 52.5 +0.5
M02C	Callahan	33.92	90	eP	P	04 54 52.8 +0.6
F08A	Pendleton	33.99	80	eP	P	04 54 53.0 +0.1
E09A	Wood Farm, Sta	34.01	79	P	Pn	04 54 53.1 +0.1
HABR	Khabarovsk	34.05	285	eP	Pn	04 54 51.7 -1.6
HABR	Khabarovsk	34.05	285	eP	Pn	04 56 08.0
HABR	Khabarovsk	34.05	285	eP	Pn	04 57 26.5
HABR	Khabarovsk	34.05	285	eP	Pn	05 00 13.7 -1.9
HABR	Khabarovsk	34.05	285	eP	Pn	05 02 30.7
HABR	Khabarovsk	34.05	285	eP	Pn	05 05 06.2
I06A	Prineville	34.09	84	eP	P	04 54 54.5 +0.7
B11A	Sandpoint	34.14	75	P	Pn	04 54 54.4 +0.3
G08A	Pilot Rock	34.14	83	eP	P	04 54 54.3 +0.1
H07A	Lands Inn, Kim	34.14	81	eP	P	04 54 54.6 +0.5
D10A	Wagner Farm, O	34.26	77	P	Pn	04 54 55.0 -0.1
A12A	Yaak River Ram	34.33	73	P	Pn	04 54 56.8 +1.1
K05A	Summer Lake	34.35	86	eP	P	04 54 57.0 +1.1
I07A	Izee	34.45	83	eP	P	04 54 57.4 +0.6
J06A	Christmas Vall	34.51	85	eP	P	04 54 58.0 +0.7
O02C	Red Bluff	34.68	91	eP	P	04 54 59.7 +0.9
K06A	Valley Falls	34.70	86	eP	P	04 54 59.7 +0.7
H08A	Prairie City	34.72	82	eP	P	04 54 59.3 +0.1
D11A	Klaveano Farm,	34.82	77	P	Pn	04 54 59.9 -0.5
F10A	Beach Ranch, E	34.83	79	eP	P	04 54 59.9 -0.2
G09A	Cove	34.86	80	P	Pn	04 55 00.5 +0.2
J07A	Hines	34.95	84	eP	P	04 55 01.5 +0.3
M05C	Lookout	34.98	88	eP	P	04 55 01.8 +0.4
A13A	Flathhead Natio	35.05	73	eP	P	04 55 01.9 0.0
I08A	Drewsey	35.11	83	eP	P	04 55 02.7 +0.2
MOD	Modoc	35.18	87	eP	P	04 55 03.4 +0.3
MOD	Modoc	35.18	87	eP	P	05 01 15.1 -0.1
MOD	Modoc	35.18	87	eP	P	04 55 03.0 -0.1
E11A	Boeger Ranch,	35.24	78	P	Pn	04 55 03.0 -0.6
G10A	Bishop Farm, J	35.25	80	eP	P	04 55 03.6 -0.1
H09A	Durkee	35.25	81	eP	P	04 55 03.8 +0.1
B13A	Whitefish	35.28	74	eP	P	04 55 03.6 -0.4
WALA	Waterton Lakes	35.29	72	eP	P	04 55 04.5 +0.5
BMO	Blue Mountains	35.37	81	eP	P	04 55 05.2 +0.4
K07A	Rock Creek Ran	35.37	85	eP	P	04 57 33.6 -0.3
D12A	Red Ives Fores	35.41	76	eP	P	04 55 04.4 -0.6
J08A	Circle Bar Ran	35.47	84	eP	P	04 55 06.1 +0.4
C11A	Grangeville	35.52	78	eP	P	04 55 07.7 -0.2
F13A	Hot Springs	35.56	75	eP	P	04 55 06.4 0.0
O04C	Chester	35.63	90	eP	P	04 55 06.9 -0.1
L07A	Adell	35.70	86	eP	P	04 55 08.3 +0.7
G11A	Walters Elk Ra	35.70	79	eP	P	04 55 07.1 -0.5
H08A	Mann Creek Ran	35.81	85	eP	P	04 55 08.8 +0.2
ORV	Oroville	35.84	91	eP	P	04 55 09.8 +1.0
H10A	Notus Angus R	35.84	81	eP	P	04 55 08.7 -0.1
WVOR	Wild Horse Val	35.89	85	eP	P	04 55 08.8 -0.4
WVOR	Wild Horse Val	35.89	85	eP	P	04 55 08.8 -0.4
J09A	Fry Pan Ranch,	35.91	83	eP	P	04 55 09.5 +0.1
D13A	Husky	35.91	76	P	Pn	04 55 09.2 -0.2
O05C	Quincy	35.95	90	eP	P	04 55 09.8 0.0
C14A	Swan Lake	36.00	74	eP	P	04 55 10.3 +0.2
I10A	Payette	36.08	81	eP	P	04 55 11.4 +0.6
F12A	Elk City	36.12	78	eP	P	04 55 10.7 -0.5
N06A	Buffalo Meadow	36.14	88	eP	P	04 55 11.9 +0.5
M07A	Soldier Meadow	36.17	87	eP	P	04 55 11.8 +0.2
L08A						

10d 10h

Table with columns: DEMI, KULA, ULDT, YLUV, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC.

ISCJB 10 08:41:26.9-0.6, 2836N, 007x1397E, 0.1, h423km, 6km, mb3.4/1.1, Error ellipse: s-maj=17.8km s-min=10.9km az=161.9

IDC 10 08:41:27.4-0.7, 2836N, 139.69E, h412km, 8km, mb3.2/1.1, mb1.3/1.6, mb1mx3.3/2.3, mbtmp3.2/1.6, Error ellipse: s-maj=20.7km s-min=9.9km az=76.0

NEIC 10 08:41:29.1-1.7, 2841N, 139.74E, h434km, 17km, MG3.6(JMA), Error ellipse: s-maj=22.9km s-min=15.3km az=100.0

ISC 10 08:41:27.9-0.6, 2840N, 007x1398E, 0.1, h418km, 6km, n21, c099021, mb3.4/1.1, Bonin Islands region

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

IDC 10 09:05:59.0-8.0, 3657N, 171.80E, h68km, 73km, mb3.5/2, mb1.3/1.6, mb1mx3.4/2.5, mbtmp3.7/1.6, ML2.0, Error ellipse: s-maj=36.6km s-min=22.3km az=168.0

NEIC 10 09:06:05.0-4.0, 3700N, 002x713E, 0.07, h150km, 8km, mb3.6/2, Error ellipse: s-maj=8.7km s-min=3.8km az=169.3

NNC 10 09:06:13.9-4.7, 3759N, 171.46E, h184km, 46km, mb3.1, mpv4.6, Error ellipse: s-maj=42.3km s-min=24.5km az=20.0

ISC 10 09:06:06.7-0.4, 3699N, 002x7180E, 0.07, h140km, 8km, n50, c191967, mb3.6/2, 8C-7D, Afghanistan-Tajikistan border region

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

2007 JUL

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

IDC 10 09:10:04.9-1.4, 3934N, 11058E, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.6/2.1, mbtmp3.7/6, ML3.2/1.1, MS2.6/1.1, Ms1.2/6.1, ms1mx2.3/2.8, Error ellipse: s-maj=46.3km s-min=18.3km az=85.0, Western Nei Mongol

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

ATH 10 09:41:03.9, 3933N, 2027E, h36km, 7km, MD3.3/4, NEIC 10 09:41:03.9, 3924N, 2016E, h2km, MD3.3(AH), After ATH

ISCJB 10 09:41:04.7-0.6, 3941N, 003x2028E, 0.07, h23km, 5km, Error ellipse: s-maj=8.7km s-min=5.3km az=163.6

THE 10 09:41:04.0, 3933N, 2013E, h2km, ML2.9, CSEM 10 09:41:05.2-0.1, 3934N, 2028E, h2km, ML2.9, Error ellipse: s-maj=4.9km s-min=2.4km az=82.0

ISC 10 09:41:04.8-0.6, 3935N, 003x2026E, 0.06, h17km, 4km, n12, c08819, 1C-2D, Greece-Albania border region

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

NIED 10 09:52:00, 3470N, 141.90E, h14km, Mw4.3, Best double couple: M3.420000, 1015, NP1.060.00000, 886.00000, lambda.175.00000, NP2.0150.00000, 885.00000, lambda.00000

IDC 10 09:52:42.5-0.7, 3475N, 141.79E, h0km, mb4.0/1.3, mb1.4/1.9, mb1mx4.1/2.8, mbtmp4.0/1.9, ML3.7/6, MS3.5/8, Ms1.3/5.8, ms1mx3.3/2.8, Error ellipse: s-maj=18.5km s-min=15.5km az=82.0

JMA 10 09:52:44.1-0.3, 3467N, 141.91E, h41km, 4km, M3.6, BUI 10 09:52:44.0, 3470N, 141.60E, h13km, mb4.8, mb4.4, Ms3.6

ISCJB 10 09:52:44.6-1.4, 3465N, 004x14182E, 0.06, h28km, 9km, mb4.1/1.9, MS3.7/5, Error ellipse: s-maj=8.1km s-min=6.5km az=165.1

NEIC 10 09:52:50.0-1.7, 3471N, 141.58E, h50km, 14km, MG3.6(JMA), Error ellipse: s-maj=14.8km s-min=10.9km az=79.0

ISC 10 09:52:45.5-1.8, 3468N, 004x14177E, 0.05, h19km, 11km, n43, c0998/50, mb4.1/1.9, MS3.6/5, Off east coast of Honshu

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

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

ATH 10 09:53:33.4, 3925N, 2024E, h20km, 2km, MD3.3/3, ISCJB 10 09:53:43.0-0.9, 3932N, 002x2009E, 0.07, h10km, Error ellipse: s-maj=8.1km s-min=3.1km az=82.5

CSEM 10 09:53:43.7-0.4, 3932N, 2010E, h0km, 5km, ML3.1, Error ellipse: s-maj=8.9km s-min=3.0km az=101.0

THE 10 09:53:44.7, 3929N, 2016E, h0km, ML3.1, ISC 10 09:53:44.3-0.9, 3931N, 002x2012E, 0.07, h3km, 7km, n21, c1506/34, 1C-2D, Greece-Albania border region

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

IDC 10 10:02:23.6-7.8, 6615S, 13006E, h127km, 76km, mb3.7/1.1, mb1.3/3.4, mb1mx3.1/1.6, mbtmp3.2/4, Error ellipse: s-maj=67.4km s-min=25.8km az=65.0, Banda Sea

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

MKAN Array 67.93 327 P P 10 13 08.7 0.0

IDC 10 10:54:17.9.7.7, 1671N:105.25W, h0km, mb3.9/3, mb1 4.2/6, mb1mx3.9/20, mbtm3.9/6, ML3.6/2, MS3.6/10, MS1 3.5/10, ms1mx3.2/27, Error ellipse: s-maj=122.9km s-min=80.8km az=147.0

ISCJB 10 10:54:30.5.1.4, 175N:01:105.90W, h03km, mb4.3/22, MS3.7/7, Error ellipse: s-maj=20.0km s-min=10.5km az=178.3

NEIC 10 10:54:33.1.0.8, 1754N:105.90W, mb4.2/31, Error ellipse: s-maj=12.2km s-min=6.5km az=180.0

ISC 10 10:54:33.1.2.6, 175N:02:105.90W, h41km, 16km, n62, 0.559/51, mb4.3/22, MS3.7/7, Off coast of Jalisco

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

HLW 10 11:08:44.2, 2989N-3665E, h15km, Mb2.8

GII 10 11:08:45.8, 1.3, 2978N-3622E, h0km, ML2.1/4.3, EXPLOSION

CSEM 10 11:08:46.3.1.1, 2979N-3622E, h2km, ML2.8, Error ellipse: s-maj=24.7km s-min=12.4km az=70.0

SGS 10 11:08:48.0, 1.0, 2984N-3612E, h7km

ISC 10 11:08:45.3.1.0, 2980N-364.0, 3634E, h0km, n17, 0.579/25, Western Arabian Peninsula

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

Table with columns: PRNI, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Parana region.

ISCJB 10 11:09:19.0.1.4, 199S:01:178.5W, h576km, 23km, mb3.4/7, Error ellipse: s-maj=28.0km s-min=17.1km az=28.9

NEIC 10 11:09:19.3.1.3, 1992S:178.44W, h565km, 20km, mb4.0/1, Error ellipse: s-maj=22.2km s-min=16.9km az=116.0

IDC 10 11:09:19.5.1.9, 1987S:178.44W, h565km, 27km, mb2.9/6, mb1 3.2/8, mb1mx3.1/7, mbtm3.1/7, Error ellipse: s-maj=22.1km s-min=16.7km az=119.0

ISC 10 11:09:19.5.1.4, 199S:01:178.5W, h565km, 22km, n9, 0.552/10, mb3.4/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Fiji Islands region.

NEIC 10 11:31:32.9.6.8, 214N:126.78E, h70km, 63km, mb4.5/1, Error ellipse: s-maj=74.1km s-min=13.9km az=65.0

DJA 10 11:31:37.191N:126.62E, h20km, ML4.7/2

DJA 10 11:31:31.8.3.0, 216N:126.84E, h60km, 73km, mb3.9/5, mb1 4.2/6, mb1mx3.8/16, mbtm4.0/6, ML4.1/1, Error ellipse: s-maj=87.9km s-min=20.3km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Molucca Sea region.

IDC 10 11:32:34.8.4.9, 690S:130.98E, h87km, 47km, mb3.6/4, mb1 4.0/9, mb1mx3.8/17, mbtm3.9/9, ML4.3/5, Error ellipse: s-maj=45.4km s-min=19.2km az=52.0

NEIC 10 11:32:37.4.3.0, 699S:130.85E, h111km, 30km, Error ellipse: s-maj=40.4km s-min=14.5km az=49.0

ISCJB 10 11:32:38.3.1.7, 706S:108.130E, h143km, 19km, mb3.7/4, Error ellipse: s-maj=15.8km s-min=9.3km az=139.6

ISC 10 11:32:39.9.1.7, 712S:008:13080E, h143km, 18km, n13, s107/17, mb3.7/4, Tanimbar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Tanimbar Islands region.

ISCJB 10 11:58:27.9.0.2, 4143N:001:1584E, h9km, 2km, Error ellipse: s-maj=2.6km s-min=2.3km az=156.1

ROM 10 11:58:27.7.0.1, 4142N:1585E, h2km, ML3.6/44, Error ellipse: s-maj=1.5km s-min=1.0km az=76.0

CSEM 10 11:58:29.2.0.1, 4141N:1580E, h30km, ML4.9/3, Error ellipse: s-maj=2.1km s-min=1.3km az=30.0

PDG 10 11:58:29.5.1.0, 4144N:1583E, h3km, 2km, ML3.6/8, Error ellipse: s-maj=1.5km s-min=2.2km az=0.0

ISC 10 11:58:28.5.0.2, 4145N:001:1585E, h5km, 3km, n92, s1916/17, 8C-5D, Southern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Southern Italy region.

Large table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations across various regions.

ISCJB 10 12:55:23.8.2.7, 139S:03:1118W, h10km, mb4.0/10, MS4.2/15, Error ellipse: s-maj=78.9km s-min=17.8km az=147.1

IDC 10 12:55:23.9.1.4, 1389S:11173W, h0km, mb4.1/6, mb1 3.9/6, mb1mx3.8/15, mbtm3.6/6, MS4.1/15, MS1 4.1/15, ms1mx3.9/24, Error ellipse: s-maj=50.0km s-min=26.0km az=53.0

NEIC 10 12:55:25.1.1.1, 1392S:11179W, h10km, mb4.8/4, Error ellipse: s-maj=34.7km s-min=18.4km az=61.0

GCMT 10 12:55:25.1.0.4, 1364S:11156W, h18km, 1km, MW4.9/69, Moment Tensor Solution, s16,c16; s69,c93; Duration: 0 Moment tensor: Scale 1019N; Mr=0.82; 14; Mw=1.18; 11; Mw=0.35; 12; Mw=0.13; 22; Mw=2.06; 09; Mw=1.34; 32; Best double couple: M=2.67200x10^16 NP1: 275.00000, 857.00000, -18.00000; NP2: 06.00000, 875.00000, -146.00000; Principal axes: T 2.7450, Plg11.0000, Azm142.0000; N -0.1440,

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the GCMT region.

10d 16h

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

ATH 10 14:30:48.2, 4156N, 2416E, h55km, MD3.1/3
ISCJB 10 14:30:50.0, 4171N, 2430E, h3km, 11km,
Error ellipse: s-maj=11.8km s-min=4.5km az=42.6

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mindanao, Gagayan de Oro, Musuan, Pagadigan, etc.

NIED 10 15:09:00, 2600N, 12570E, h5km, Mw4.0 Best double couple: M=1.22000, 1015 NP1=342.00000, 868.00000,
lambda=149.00000, NP2=240.00000, delta1.00000,
lambda=25.00000.
IDC 10 15:09:33.0, 0.2575N, 12582E, h0km, mb3.9/5,
mb1 4.0, mb1mx3.8/21, mbtpr3.9/6, MS3.4/3, M1 3.4/3,
ms1mx2.8/42, Error ellipse: s-maj=26.0km s-min=20.3km

2007 JUL

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kumejima 2, Gusukube, Miyakojima 2, etc.

BUI 10 15:20:31.4, 3770N, 12095E, h20km, ML4.1, 2C,
Northeastern China
DL2 Dalian 1.32 24 Op Pn 15 20 55.0 +0.4
DL2 15 21 13.7 +2.1

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

NEIC 10 15:20:49.8, 1560N, 9833W, h11km, MD4.0(MEX), After MEX.
MEX 10 15:20:49.3, 1.0, 1562N, 9833W, h7km, 22km, MD4.0, Off coast of Guerrero

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

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

MAN 10 15:30:02, 1813N, 12055E, h34km, mb4.4, ML3.3, MS3.1, 1D, Luzon
SIPP Brgy, Tapao 0.22 203 Op Pn 15 10 10.7 +1.8

ISCJB 10 15:47:45.2, 0.3, 4833N, 002.657E, 002, h12km, 3km,
Error ellipse: s-maj=3.5km s-min=2.7km az=172.1
STR 10 15:47:46.9, 0.2, 4834N, 667E, h10km, ML2.2, Error ellipse:
s-maj=0.0km s-min=0.0km az=0.0

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

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

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

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

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

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

10d 18h

2007 JUL

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Kashi, Baotou, Urumqi, and various 'WMO' and 'MUN' stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Vladivostok, Novosibirsk, MAJO, MAT, and various 'CTA' and 'BOD' stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PETK, AKASG, AKKB, KIEV, VRI, and various 'BOSA', 'MAW', and 'JOF' stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Warramunga Arr, Tennant Creek, Alice Springs, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Tai'an, Changchun, Kulum, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Peak Mountain, Callahan, Zakamensk, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: 010A Cortez Mining, Y13A Salome, R11A Troy Canyon, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: F13A Darby, WMQ Urumqi, KRAR Krasnoyarsk, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: GAF Grafenberg Arr, TOD Tromm, MEM Membach, etc.

Table with columns: ESKT, Eskisehir, 1.05 57 i P, Pg, 21 34 29.0 -1.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJCJB 10 22:19:36.40.7, 4103N,004.4385E,005,h10km, Error ellipse: s-maj=6.3km s-min=2.0km az=43.7,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJC 10 22:24:04.0.1, 2196N,12207E,h0km,mb3.7/5, mb1 3.8/5, mb1mx3.6/19,mbtmp3.7/5, Error ellipse: s-maj=158.9km s-min=19.8km az=66.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJC 10 22:24:04.0.1, 2196N,12207E,h0km,mb3.7/5, mb1 3.8/5, mb1mx3.6/19,mbtmp3.7/5, Error ellipse: s-maj=158.9km s-min=19.8km az=66.0,

ISJC 10 22:24:04.0.1, 2196N,12207E,h0km,mb3.7/5, mb1 3.8/5, mb1mx3.6/19,mbtmp3.7/5, Error ellipse: s-maj=158.9km s-min=19.8km az=66.0,

ISJC 10 22:24:04.0.1, 2196N,12207E,h0km,mb3.7/5, mb1 3.8/5, mb1mx3.6/19,mbtmp3.7/5, Error ellipse: s-maj=158.9km s-min=19.8km az=66.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

CSEM 10 23:06:18.3.0.5, 3934N,1991E,h2km,ML2.7, Error ellipse: s-maj=9.3km s-min=3.9km az=104.0,

THE 10 23:06:19.7, 3930N,2000E,h2km,ML2.7, Error ellipse: s-maj=9.3km s-min=3.9km az=104.0,

ISJC 10 23:06:21.0.7, 3927N,2025E,h2km,ML3.3/5, Error ellipse: s-maj=6.1km s-min=3.8km az=3.6,

ATH 10 23:06:21.7, 3923N,2025E,h2km,ML3.3/5, Error ellipse: s-maj=6.1km s-min=3.8km az=3.6,

ISJC 10 23:06:19.4.1.3, 3932N,2004.2000E,009,h12km,7km,n17, 0.592/27,2D,Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

CSEM 10 23:12:08.4.0.1, 3830N,3890E,h10km,MD2.8, Error ellipse: s-maj=2.1km s-min=1.4km az=154.0,

ISJC 10 23:12:08.6, 3820N,3885E,h6km,MD2.7, Error ellipse: s-maj=5.9km s-min=3.7km az=153.3,

DDA 10 23:12:10.1, 3830N,3895E,h6km,4km,MD2.8, Error ellipse: s-maj=5.9km s-min=3.7km az=153.3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: MARD, Mardin, 1.83 124 e P, Pn, 23 12 43.1 +1.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJC 10 23:29:38.8.5.9, 3720N,7217E,h179km,51km,mb3.5/6, mb1 3.8/9, mb1mx3.5/24,mbtmp3.7/9, Error ellipse: s-maj=39.1km s-min=20.6km az=172.0,

ISJC 10 23:29:39.0.3, 3736N,002.723E,006,h199km,6km, mb3.8/9, Error ellipse: s-maj=7.8km s-min=3.7km az=166.5,

MOS 10 23:29:41.0.1.1, 3744N,7211E,h206km,mb4.0/2, Error ellipse: s-maj=17.2km s-min=8.6km az=88.5,

NEIC 10 23:29:41.3, 3741N,7218E,h194km,7km,mb4.3/7, Error ellipse: s-maj=15.5km s-min=7.9km az=133.0,

NNC 10 23:29:44.0.8.8, 3770N,7187E,h173km,86km,mb3.0, mpv4.2, Error ellipse: s-maj=79.5km s-min=41.3km az=33.0,

ISJC 10 23:29:46.0.4, 3737N,003.7218E,006,h188km,6km, n73, c197/93,mb3.9/9,8C-3D,Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

ISJC 10 23:06:03.4.2.5, 567S,13068E,h0km,mb3.8/1, mb1 3.5/3, mb1mx3.4/14,mbtmp3.4/3,ML3.2/1, Error ellipse: s-maj=155.0km s-min=30.9km az=71.0, Banda Sea

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MBWA Marble Bar, KLBR Kellerrberrin, MUN Mundering, VNSA Vanda, etc.

CSEM 11 02:09:34.9.0.2, 431.1N:1762E, h20km, ML2.8/9, Error ellipse: s-maj=5.9km s-min=2.4km az=38.0

ISCJB 11 02:09:34.4.0.5, 4320N.003x1767E.003, h3km,4km, Error ellipse: s-maj=4.6km s-min=2.7km az=26.2

BEO 11 02:09:36.5.0.3, 4308N:1772E, h5km,3km, ML2.9/15 PDG 11 02:09:36.5.0.3, 4308N:1772E, h5km,1km, MD2.8/1, ML2.8/9, Error ellipse: s-maj=1.2km s-min=2.1km az=0.0

NEIC 11 02:09:36.5, 4308N:1772E, h5km, ML2.8(PDG), After PDG.

PRU 11 02:09:37.3, 4317N:1779E, h12km ISC 11 02:09:35.5.0.5, 4318N.003x1765E.003, h4km,4km, n55, c112/100, 22C-16D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like STON Ston, BRY Bratogost, UPM Unac-Piva, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ARZB Arzberg, ARSA Arzberg, ARZA Arzberg, etc.

IDC 11 02:17:27.2.8.4, 4309N:13032E, h650km,466km, mb2.9/2, mb1 2.9/4, mb1mx2.5/22, mbtmp2.6/4, Error ellipse: s-maj=53.1km s-min=37.2km az=15.0

PRiurmyre-Northeastern China border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KSRS Korea Array, SONM Songjin Array, etc.

ISCJB 11 02:31:02.2.0.8, 3926N.004x2028E.006, h4km, Error ellipse: s-maj=6.7km s-min=5.7km az=166.6

ATH 11 02:31:02.6, 3927N:2027E, h4km, MD3.1/5 NEIC 11 02:31:02.2, 3928N:2025E, h5km, MD3.2(ATH), After ATH.

CSEM 11 02:31:03.7.0.3, 3929N:2012E, h15km, MD3.2, Error ellipse: s-maj=5.0km s-min=5.3km az=58.0

ISC 11 02:31:02.5.0.8, 3923N.004x2028E.007, h4km, n9, c085/1/3, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KEK Kerkira, EGF Janina, etc.

MOS 11 03:02:05.6.0.9, 462S:15248E, h39km, mb5.6/33, MS4.7/9, Error ellipse: s-maj=9.0km s-min=6.3km az=96.7

BUI 11 03:02:06.3, 451S:15305E, h65km, mb5.3, mb5.2, Ms5.0, Ms2.8

ISCJB 11 03:02:07.8.0.2, 478S:003x15252E.004, h67km, mb5.2/117, Error ellipse: s-maj=5.0km s-min=4.4km az=4.7

NEIC 11 03:02:08.4.0.9, 479S:15251E, h59km,8km, mb5.3/60, MW5.4, Error ellipse: s-maj=5.0km s-min=4.1km az=140.0

Moment Tensor Solution, s16 Moment tensor: Scale 1017Nm; Mn:1.79; Mw:-1.04; Mx:-0.75; My:0.11; Mz:0.54; Mw-0.04; Best double couple: M1:160000x1017 Np1: 0.308 00000; 0.343 00000; 0.191 00000; NP2: 0.126 00000; 0.647 00000; 0.89 00000; Principal axes: T 1.7900, Plg8.0000; Azm13.0000; N -0.3400, Plg1.0000; Azm127.0000; P -1.4600, Plg2.0000; Azm217.0000;

GCMT 11 03:02:08.4.0.1, 495S:15260E, h53km, MW5.4/97, Moment Tensor Solution, s92.c178; s97.c164; Duration: 1s2 Moment tensor: Scale 1017Nm; Mn:1.31e-03; Mw:1.48e-02; Mx:0.16e-02; My:0.45e-02; Mz:-0.53e-02; Mw-0.07e-02; Best double couple: M1:54700x1017 Np1: 0.243 00000; 0.338 00000; 1.73 00000; NP2: 0.83 00000; 0.654 00000; 1.103 00000; Principal axes: T 1.4020, Plg77.0000; Azm37.0000; N 0.2880, Plg10.0000; Azm256.0000; P -1.6920, Plg8.0000; Azm164.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 11 03:02:09.0.0.5, 484S:15243E, h62km,4km, mb4.8/20, mb1 5.0/23, mb1mx5.0/24, mbtmp4.9/23, MS4.6/18, Ms1 4.6/18, ms1mx4.5/20 Error ellipse: s-maj=12.1km s-min=8.2km az=105.0

DJA 11 03:02:14, 487S:15255E, h106km, mb5.3/19 ISC 11 03:02:09.6.0.2, 479S:003x15253E.003, h69km, mb5km,1.3km, pP, n512, c099/242, mb5.2/117, 42C-26D,

New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like HNR Honiara, COEN Coen, CTA Charters Tower, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WRA comp-Z.64nm, WRA comp-Z.11nm, WRA comp-Z.22nm, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEMA, ATAB, ERZINCAN, etc.

NEIC 11 05:57:01.7, 3631N-2780E, h31km, MD3.2(ATH), After ATH.

ATH 11 05:57:01.7, 3631N-2780E, h31km, MD3.2/4

ISCJB 11 05:57:02.9, 0.6, 3628N-003:2773E, 0.04, h4km, 6km, Error ellipse: s-maj=5.2km s-min=4.7km az=167.4

ISK 11 05:57:03.7, 3631N-2779E, h10km, MD3.2

CSEM 11 05:57:03.1, 0.3, 3631N-2773E, h15km, MD3.2, Error ellipse: s-maj=3.3km s-min=2.5km az=38.0

DDA 11 05:57:05.7, 3648N-2791E, h5km, 2km, MD3.2

ISC 11 05:57:03.6, 0.6, 3626N-003:2773E, 0.04, h6km, 6km, n16, c108/25, Dodecanese Islands

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

ISK 11 06:18:01.1, 3628N-2944E, h18km, MD3.5

NEIC 11 06:18:01.0, 3633N-2944E, h21km, MD3.4(ATH), ML3.4(ISK), After ISK.

DDA 11 06:18:01.2, 3662N-2935E, h7km, 1km, MD3.4

ATH 11 06:18:02.0, 3644N-2936E, h34km, 2km, MD3.4/4

CSEM 11 06:18:02.4, 0.1, 3634N-2943E, h25km, MD3.4, Error ellipse: s-maj=2.2km s-min=1.7km az=171.9

ISCJB 11 06:18:03.1, 0.6, 3635N-004:2943E, 0.03, h4km, 6km, Error ellipse: s-maj=4.7km s-min=4.1km az=171.9

ISC 11 06:18:04.0, 0.4, 3638N-004:2940E, 0.03, h32km, 4km, n29, c150/44, Turkey

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

PGC 11 06:45:07.6, 0.5, 5050N-13028W, h10km, ML3.5/12, Mw4.2, 203km west of Pt. Hardy, Bc Vancouver Island Region

NEIC 11 06:45:07.6, 5050N-13028W, h10km, mb3.9/17, MW4.2(PGC), After PGC

ISCJB 11 06:45:10.1, 0.4, 5068N-003:12968W, 0.06, h10km, mb3.9/7, MS2.8/3, Error ellipse: s-maj=5.3km s-min=3.8km az=170.6

IDC 11 06:45:10.2, 1.7, 5066N-12980W, h0km, mb3.7/3, mb1 3.9/7, mb1mx3.7/26, mbtpm3.7/77, ML2.2/4, MS3.0/7, Ms1 2.9/7, ms1mx2.8/36, Error ellipse: s-maj=29.8km s-min=10.8km az=81.0

ISC 11 06:45:11.2, 1.5, 5068N-003:12975W, 0.06, h4km, 10km, n235, c093/246, mb3.9/7, MS2.8/3, 78C-87D, Vancouver Island region

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTR, OOB, B04A, MCW, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIPM, H12A, G10A, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, Res. Includes stations like PHWY Pilot Hill, V14A Boquillas Ranc, W13A Hualapai Mount, etc.

TEH 11 06:50:10.6, 3861N-4853E, h15km, ML5.1
MOS 11 06:51:10.9, 1.3, 3872N-4862E, h18km, mb5.1/47, Error ellipse: s-maj=5.0km s-min=3.3km az=42.

IDC 11 06:51:11.1, 1.7, 3966N-4858E, h12km, 10km, mb4.6/25, GC4.4/732, mb1mx4.7/32, mbtmp4.6/32, ML4.4/6, MS4.2/24, Ms1.4/24, ms1mx4.1/32, Error ellipse: s-maj=10.7km s-min=7.7km az=2.0

CSEM 11 06:51:11.7, 0.0, 3885N-4865E, h19km, mb4.9/69, Ms3.9, Mw5.2, Error ellipse: s-maj=1.3km s-min=0.9km az=22.0
THR 11 06:51:12.9, 1.0, 3887N-4871E, h27km, 11km, ML4.9
BUJ 11 06:51:12.7, 3888N-4810E, h45km, mb5.2, mb2.2, Ms4.7, Ms24.5

ISCJB 11 06:51:13.0, 0.1, 3881N-002:4865E:001, h27km, mb4.9/132, MS4.2/50, Error ellipse: s-maj=2.5km s-min=1.6km az=11.5

NEIC 11 06:51:14.3, 0.2, 3975N-4860E, mb4.9/59, ML5.0(THR), MN5.1(TEH), Error ellipse: s-maj=4.8km s-min=3.3km az=15.0

NEIC Felt at Ardabil, Bileh Sarv, Khalkhal, Meshgin Shahr, Namin, Nayerabad and Parsabad, Iran.
GCMT 11 06:51:14.3, 0.4, 3879N-4860E, h25km, MW5.2/72, Moment Tensor Solution. s36,c50; s72,c105; Duration: 0 Moment tensor: Scale 10^16N; Mr-0.17s;14; Mw0.20z;11; Mb0-1.85z;08; Mn-2.93z;24; Mz00-1.09z;08; Ms0.63z;20; Best double couple: Mo:6.72200;10;16 NP1s:242.00000; 619.00000; -179.00000; NP2: 0s151.00000; 690.00000; -171.00000; Principal axes: T 6.5970, Plg42.0000; Azm223.0000; N 0.2510, Plg19.0000; Azm331.0000; P -6.8470, Plg42.0000; Azm80.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DJA 11 06:51:18.384N-4862E, h60km, mb5.5/13
SZGRF 11 06:51:19.8, 3827N-4750E, h33km, mb4.9, MS3.6, Northwestern Iran
ISC 11 06:51:15.0, 0.1, 3882N-002:4864E:001, h29km, h26km, 1.3km:pp-P, n642, o1s25/677, mb4.9/132, MS4.2/50, 48C-32D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, Res. Includes stations like GLBA Cllabab, GRMI Germi, GRMI comp=E,67um,0.3s, etc.

Main table with columns: Code, Station Name, Az, El, Pn, P, M, S, Res. Includes stations like IMRD Marand, IZRZ Azarshahr, IAZR Azarshahr, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, M, S, Res. Includes stations like KVT Kavak, BNN Bunyan, QRN Al-Qurain, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MLR, AKASG, AKKB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LVV, VLX, SARP, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CSNA, GROS, ARSA, etc.

Table of astronomical data for the first column, including columns for object name (e.g., GRF, FETA, ZAL), coordinates, and various numerical values.

Table of astronomical data for the second column, including columns for object name (e.g., LOR, LOR, LOR), coordinates, and various numerical values.

Table of astronomical data for the third column, including columns for object name (e.g., SONM, SONM, SONM), coordinates, and various numerical values.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TORO, NANT, GYA, HIA, BJI, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MA2, MA2, BILL, BILL, BILL, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like JNB, JNB, JEM, JEM, JEM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VDL Val di Lei, TUE Stuetta, WTTA Wattenberg, etc.

BUI 11 07:54:01.1, 4555N, 15399E, h26km, mb4.7, mb4.7, Ms4.5, Ms4.4
IDC 11 07:54:03.0, 1.0, 4499N, 15367E, h0km, mb4.1/9, mb1.4/3.1, mb1mx4.1/2.3, mbtmp4.1/1.1, ML3.9/2, MS2.9/1, Ms1.2/9.1, ms1mx2.3/2.6, Error ellipse: s-maj=20.9km s-min=18.5km az=169.0
NEIC 11 07:54:04.0, 5.0, 6.4, 4499N, 15366E, h10km, mb4.5/2, Error ellipse: s-maj=19.5km s-min=13.0km az=193.0
ISCJBJ 11 07:54:07.6, 1.4, 4501N, 008x15333E, 0.08, h43km, 12km, mb4.2/15, Error ellipse: s-maj=13.8km s-min=9.6km az=162.4
MOS 11 07:54:07.8, 1.6, 4521N, 15348E, h40km, mb4.4/9, Error ellipse: s-maj=15.5km s-min=12.2km az=98.7
JMA 11 07:54:08.0, 3.0, 7.4, 4589N, 15311E, h30km, Ms5.0
SKHL 11 07:54:08.0, 4.0, 4540N, 15330E, h54km, 15km, mb4.6/2
ISC 11 07:54:08.8, 1.1, 4507N, 008x15341E, 0.08, h35km, 10km, n63.1, s131/61, mb4.2/15, 1C-3D, East of Kuril Islands

Main table of station data for the 11d 9h period, including codes like KUR, YUK, NEM2, SKR, etc., and station names like Kuril'sk, Yuzh-Kuril'sk, Nemuro 2, Severo-Kuril's, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, SNAAS Sanae, etc.

ISCJBJ 11 08:09:17.4, 0.7, 3929N, 002-2015E, 0.06, h10km, Error ellipse: s-maj=6.4km s-min=3.1km az=5.2
ATH 11 08:09:17.6, 3925N, 2024E, h2km, MD3.4/7
THE 11 08:09:17.1, 3925N, 2012E, h0km, ML3.3
NEIC 11 08:09:17.9, 3925N, 2023E, h4km, MD3.4(ATH), After ATH.
CSEM 11 08:09:18.6, 0.2, 3928N, 2021E, h0km, 1km, ML3.3, Error ellipse: s-maj=3.6km s-min=2.3km az=83.0
ISC 11 08:09:17.5, 0.8, 3930N, 002-2016E, 0.06, h2km, 5km, n23, s096/93, Greece-Albania border region

Main table of station data for the 2007 JUL period, including codes like IGT, KEK, JAN, etc., and station names like Igoumenitsa, Kerkira, Janina, etc.

IDC 11 08:14:04.4, 1.3, 3417N, 8166E, h0km, mb3.5/4, mb1.3/7.5, mb1mx3.5/2.3, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=49.9km s-min=24.1km az=53.0, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, BVAR Borovoye Array, CMAR Chiang Mai Arr, etc.

CASC 11 08:15:18.5, 2.7, 1182N, 8652W, h143km, 10km, MD4.0, ML3.1, 7C-6D, Near coast of Nicaragua

Main table of station data for the CASC period, including codes like TICN, CSAN, XAVN, etc., and station names like Tiquantepe, Gruta Xavier, Laguna Tiscapa, etc.

CSEM 11 08:39:39.6, 0.5, 2989N, 3645E, h10km, ML3.0, Error ellipse: s-maj=11.3km s-min=4.8km az=70.0
ISCJBJ 11 08:37:40.1, 0.2, 2988N, 004x3631E, 0.06, h0km, Error ellipse: s-maj=7.8km s-min=5.5km az=153.0

HLW 11 08:37:40.3, 2993N, 3671E, h22km, Mb3.0
SGS 11 08:37:41.2, 3009N, 3620E, h8km
GII 11 08:37:41.7, 0.0, 2988N, 3627E, h0km, EXPLOSION
ISC 11 08:37:40.6, 1.0, 2986N, 004x3634E, 0.06, h0km, n19, s080/27, 3C, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, ZFRI Zfri, ELI Elat, etc.

ISCJBJ 11 08:38:39.8, 0.5, 682N, 004x7300W, 0.05, h170km, 5km, mb3.9/7, Error ellipse: s-maj=9.1km s-min=6.2km az=31.9
FUNV 11 08:38:39.6, 6.71N, 7327W, h152km, MW4.0
IDC 11 08:38:40.7, 0.9, 671N, 7305W, h167km, 9km, mb3.6/11, mb1.3/8.16, mb1mx3.7/2.4, mbtmp3.7/1.6, Error ellipse: s-maj=13.1km s-min=10.4km az=85.0
NEIC 11 08:38:41.5, 0.6, 671N, 7304W, h176km, 6km, mb3.9/6, Error ellipse: s-maj=9.4km s-min=7.2km az=67.0
ISC 11 08:38:40.9, 0.4, 681N, 004x7299W, 0.05, h163km, 5km, n35, s085/39, mb3.9/17, 4C-1D, Northern Colombia

Main table of station data for the 11 08:38:39.8 period, including codes like ROSC, SOCV, etc., and station names like El Rosal, Socops, El Vigia, etc.

ISC 11 08:40:04.1, 0.4, 681N, 004x7299W, 0.05, h163km, 5km, n35, s085/39, mb3.9/17, 4C-1D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISCO Idaho Springs, AGMN Agassiz Refuge, ULM Lac du Bonnet, etc.

ISC 11 08:43:47.4, 1.4, 2077S, 6893W, h115km, 14km, mb3.3/3, mb1.3/6.5, mb1mx3.4/1.7, mbtmp3.5/5, Error ellipse: s-maj=26.9km s-min=15.5km az=104.0, Chile-Bolivia border region

Main table of station data for the 11 08:43:47.4 period, including codes like LVC, LPAZ, SIV, etc., and station names like Limon Verde, La Paz, San Ignacio, etc.

ISC 11 08:43:47.4, 1.4, 2077S, 6893W, h115km, 14km, mb3.3/3, mb1.3/6.5, mb1mx3.4/1.7, mbtmp3.5/5, Error ellipse: s-maj=26.9km s-min=15.5km az=104.0, Chile-Bolivia border region

Main table of station data for the 11 08:43:47.4 period, including codes like WRA, MKAR, SONM, etc., and station names like Warramunga Arr, Makanchi Array, Songo Array, etc.

ISCJBJ 11 09:03:58.6, 3.3, 1099N, 006x1264E, 0.1, h16km, 22km, mb3.9/4, Error ellipse: s-maj=23.6km s-min=10.1km az=172.6

11d 13h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DIYA, RSDY, EZC, KBSD, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN, MPMH, CNP, RCP, etc.

BJI 11 10:26:27.1, 5200N:17050W, h47km, mb5.4, mb5.1
MOS 11 10:26:28.0, 5200N:17050W, h33km, mb4.2/11, Error
ISCJB 11 10:26:29.2, 1.0, 521N:01:17059W, h45km, 7km,

NEIC 11 10:26:31.1, 0.9, 5202N:17055W, h47km, 7km,
ML3.7(AEIC), Error ellipse: s-maj=16.9km s-min=7.1km
az=163.0

IDC 11 10:26:31.6, 4.6, 5205N:17056W, h51km, 40km, mb3.7/15,
mb1.3/9.17, mb1mx3.0/28, mbtmp3.7/17, ML4.42, MS3.6/3,

MS1 3.7/3, ms1mx3.0/28, Error ellipse: s-maj=24.2km
s-min=16.1km az=175.0

ISC 11 10:26:31.1, 0.9, 521N:01:17059W, h46km, 7km, n51,

0.892/51, mb4.0/19, MS3.6/3, 2D, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NIKO, UNV, AKGG, ADK, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZAK, ZAK, ZAK, 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 NJ2, NJ2, NJ2, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NB2, NB2, NB2, etc.

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

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

2007 JUL

MAN 11 10:56:54, 1331N:12027E, h2km, mb4.7, ML3.7, MS3.6
ISCJB 11 10:56:57.0, 0.5, 1332N:003:12024E, 0.05, h50km, 7km,

NEIC 11 10:57:10.7, 7.3, 1328N:12028E, h174km, 72km, mb4.4/2,
Error ellipse: s-maj=49.8km s-min=10.7km az=59.0

IDC 11 10:57:10.3, 8.2, 1333N:12030E, h170km, 82km, mb3.5/7,
mb1.3/7.7, mb1mx3.5/19, mbtmp3.5/7, MS3.3/6, Ms1 3.3/6,

ISC 11 10:56:58.1, 0.5, 1331N:003:12026E, 0.06, h43km, 6km,

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSR5, KSR5, KSR5, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NB2, NB2, NB2, etc.

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

ISCJB 11 11:09:25.2, 1.1, 2987N:005:3625E, 0.07, h0km, Error
ellipse: s-maj=5.0km s-min=6.6km az=11.4

HLW 11 11:09:28.6, 2.975N:3634E, h18km, Mb2.8
ISC 11 11:09:25.2, 1.2, 2986N:005:3629E, 0.07, h0km, n16,

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JIM2, JIM2, JIM2, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 11 15: 12:25.3: 1.3, 32665:7020W, h116km, 10km, mb4.8/14, mb1.4/9.16, mb1mx4.8/17, mbtmp4.8/16, MSJ3.8/10, Ms1.3/7.10, ms1mx3.4/27, Error ellipse: s-0aj=13.8km s-min=11.9km az=75.0

ISC 11 15: 12:22.6: 0.3, 32645:003:7013W, s-05j, h90km, 2km, n473, s068/452, mb5.0/82, 101C-140D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like JACH, PEL, FCH, ROCH, ANTU, YECH, PCH, LMEL, LML, LNL, CFAA, LCO, TRQA, LVC, ARE, LPAZ, LPV, SIV, EFI, NNA, NHA, BDBF, ATAH, CAM3, OTAV, ROSC, SDV, PGRV, TGUH, VNAJ, SJG, SNA, MAIT, VDA, SYO, HKT, HKT, VBMS, JCT, JCT, SWET, TKL, OXF, OXF, PLAL, TXAR, TXAR, MIAR, MIAR, WVT.

Table with columns: WVT, WVT, PPT, PPT, USIN, WMOK, WMOK, FVM, FVM, LIC, TIC, TIC, TIC, DBIC, AMTX, AMTX, M19A, M19A, 318A, 318A, SUR, SUR, 219A, 219A, 217A, 217A, BNM, BNM, 119A, 119A, TUC, TUC, TUC, TUC, 216A, 216A, Z19A, Z19A, 117A, 117A, ANMO, ANMO, ANMO, ANMO, KSU1, KSU1, Y19A, Y19A, 116A, 116A, Z17A, Z17A, 214A, 214A, Y18A, Y18A, X15A, X15A, CBKS, CBKS, CBKS, CBKS, Z16A, Z16A, Y17A, Y17A, LBNH, LBNH, LBNH, LBNH, X18A, X18A, Y16A, Y16A, W19A, W19A, X17A, X17A, W18A, W18A, Y19A, Y19A, X16A, X16A, Y17A, Y17A, W17A, W17A, SDCO, SDCO, Y14A, Y14A, W18A, W18A, X15A, X15A, X15A, X15A, W16A, W16A, Y13A, Y13A, X14A, X14A, W15A, W15A, WUAZ, WUAZ, WUAZ, WUAZ, U18A, U18A, Y12C, Y12C, SWSC, SWSC, M19A, M19A, M19A, M19A, W15A, W15A, BAR, BAR, MONP, MONP.

Table with columns: U16A, X13A, BC3, W14A, U17A, V15A, T18A, IRM, 109C, S19A, W13A, V14A, NEE2, PFO, PFO, PFO, BELC, SMCO, ISCO, ISCO, U15A, S18A, BOSA, BOSA, T16A, MURC, H19A, W12A, V13A, U14A, R18A, ECSD, BBRC, CIS, HEC, U13A, FMP, T14A, BFSC, TUQ, V11A, S15A, U12A, RRR, MWC, MWC, T13A, PHWY, GSC, GSC, GSC, CCUT, SRU, SRU, SRU, R15A, U11A, Q16A, BWL, EDG, ARUT, MVU, S13A, OSI, BSC, TMT, LRMC, U10A, Q15A, S12A, LBTB, LBTB, R13A, MPMC, FURC, RWWY, TPNV, TPNV, TPNV, ISA.

Table of astronomical observations for RA 329. Columns include object name (e.g., ISA Isabella, Q14A Sevier Lake), magnitude, position angle, and other parameters.

Table of astronomical observations for RA 330. Columns include object name (e.g., M11A Holland Ranch, R04C Big Horse Ranc), magnitude, position angle, and other parameters.

Table of astronomical observations for RA 331. Columns include object name (e.g., EGMT Egleton, K06A Valley Falls), magnitude, position angle, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC, GYA, LZH, CD2, etc.

BUI 11 15:17:41.4, 0.43N, 96.83E, h30km, mb4.8, mb4.6
IDC 11 15:17:45.5, 1.6, 119N, 96.92E, h0km, mb4.2, mb1 4.3/10,
mb1mx3.6/24, mbtmp3.6/7, ML3.8/1, Error ellipse: s-maj=57.9km s-min=17.3km
az=62.0

ISCJB 11 15:17:49.2, 0.7, 1.26N, 009.97E, 0.1, h33km, mb4.3/17,
MS4.0/2, Error ellipse: s-maj=17.3km s-min=10.0km
az=149.3

NEIC 11 15:17:50.4, 0.7, 1.27N, 09.07E, h30km, mb4.1/2, Error
ellipse: s-maj=19.3km s-min=8.9km az=65.0

ISC 11 15:17:51.7, 0.7, 1.29N, 009.97E, 0.1, h35km, n25,
+0567/24, mb4.3/17, MS4.0/2, Northern Sumatera

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

ISCJB 11 16:35:43.5, 0.5, 39.30N, 002.2004E, 0.03, h0km, 3km,
mb3.6/6, Error ellipse: s-maj=4.0km s-min=2.9km
az=163.9

IDC 11 16:35:43.5, 1.4, 39.39N, 203.3E, h0km, mb3.6/6, mb1 3.7/7,
mb1mx3.6/24, mbtmp3.6/7, ML3.8/1, Error ellipse:
s-maj=28.2km s-min=22.3km az=82.0

CSEM 11 16:35:44.0, 0.1, 39.29N, 200.0E, h2km, MD3.7, Error
ellipse: s-maj=2.4km s-min=1.7km az=58.0

TJR 11 16:35:45.2, 6.3, 39.32N, 201.7E, h10km, 14km
ATH 11 16:35:45.5, 39.22N, 202.1E, h7km, MD3.7/7

THE 11 16:35:45.9, 39.28N, 201.6E, h0km, ML3.8

NEIC 11 16:35:46.4, 39.28N, 202.0E, h13km, MD3.7(ATH),
ML3.9(7E), After ATH.

BE0 11 16:35:47.2, 39.38N, 200.6E

ISC 11 16:35:45.4, 0.5, 39.29N, 002.2012E, 0.03, h3km, 3km, n59,
+1520/90, mb3.5/6, 3C-2D, Greece-Albania border region

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

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

IGQ 11 16:36:51.0, 0.24S, 7890W, h12km, 1km, Mb4.3, Ms4.1,
5C-17D, Error ellipse: s-maj=2.0km s-min=0.7km
az=26.1, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JUA2, PINO, TERY, etc.

MEX 11 16:37:07.7, 0.8, 1641N, 9479W, h75km, 17km, MD3.9,
Oaxaca

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

IDC 11 16:40:46.6, 6.3, 37.25N, 72.08E, h88km, 52km, mb3.7/8,
mb1 4.0/12, mb1mx3.6/27, mbtmp3.9/12, ML4.2/4, Error
ellipse: s-maj=49.9km s-min=31.9km az=150.0

BUI 11 16:56:44.6, 1.1, 37.61N, 71.99E, h126km, mb4.2/4, Error
ellipse: s-maj=17.8km s-min=8.2km az=86.0

ISCJB 11 16:56:44.2, 0.3, 37.47N, 002.7215E, 0.05, h144km, 6km,
mb3.9/10, Error ellipse: s-maj=6.5km s-min=3.7km
az=176.3

NEIC 11 16:56:45.6, 0.9, 37.60N, 71.98E, h121km, 9km, mb4.4/6,
Error ellipse: s-maj=12.7km s-min=8.6km az=123.0

NVC 11 16:56:50.9, 2.7, 39.04N, 71.74E, h149km, 26km, mb3.6,
mp4.6, Error ellipse: s-maj=24.1km s-min=13.7km az=59.0

ISC 11 16:56:45.2, 0.3, 37.46N, 002.7217E, 0.05, h137km, 6km,
n85, +1516/105, mb3.9/10, 5C-4D, Tajikistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZA, JMU, EKS2, etc.

ISCJB 11 16:56:45.2, 0.3, 37.46N, 002.7217E, 0.05, h137km, 6km,
n85, +1516/105, mb3.9/10, 5C-4D, Tajikistan

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

ISCJB 11 16:56:45.2, 0.3, 37.46N, 002.7217E, 0.05, h137km, 6km,
n85, +1516/105, mb3.9/10, 5C-4D, Tajikistan

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

ISCJB 11 16:56:45.2, 0.3, 37.46N, 002.7217E, 0.05, h137km, 6km,
n85, +1516/105, mb3.9/10, 5C-4D, Tajikistan

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

ISCJB 11 16:56:45.2, 0.3, 37.46N, 002.7217E, 0.05, h137km, 6km,
n85, +1516/105, mb3.9/10, 5C-4D, Tajikistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, GERES GERESS Array, NB2 NORRAR Subarra, etc.

SZGRV 11 16:58:25.8, 19245S, 17942W, h33km, Fiji Islands region
VIE 11 16:59:19.8, 17125S, 17900W, h439km, mb3.4 297 km
ENE of Suva
ISCJB 11 16:59:24.0, 3.5, 175S, 178W, 0.1, h516km, 44km,
mb3.7/10, Error ellipse: s-maj=31.5km s-min=16.3km
az=150.5

NEIC 11 16:59:25.6, 3.2, 1755S, 17882W, h528km, 35km, Error
ellipse: s-maj=22.7km s-min=17.2km az=172.0
IDC 11 16:59:26.2, 7, 1755S, 17885W, h535km, 31km, mb3.3/10,
mb1.3/10, mb1mx3.8/18, mbtmp3.3/10, Error ellipse:
s-maj=22.8km s-min=14.3km az=149.0
ISC 11 16:59:25.1, 3.4, 175S, 178W, 0.1, h522km, 43km, n75,
+087/23, mb3.7/10, 3C-7D, Fiji Islands region

Main table of station data for the left column, including codes like URZ, STKA, WRAB, ASAR, etc., with station names and coordinates.

IGQ 11 16:59:29.9, 025S, 7890W, h9km, 2km, Mb4.1, Ms3.9,
8C-13D, Error ellipse: s-maj=1.9km s-min=0.7km
az=24.0, Ecuador

Table of station data for the middle column, including codes like JUAZ, PINO, GGP, etc., with station names and coordinates.

DDA 11 17:01:11.6, 3908N, 4385E, h7km, 1km, Md2.8
CSEM 11 17:01:12.9, 0.2, 3938N, 4412E, h2km, MD2.8, Error
ellipse: s-maj=4.2km s-min=2.4km az=130.0

ISK 11 17:01:14.0, 3936N, 4408E, h20km, ML2.7
ISCJB 11 17:01:15.4, 1.3, 3933N, 006.44D9E, 007, h17km, 35km,
Error ellipse: s-maj=11.5km s-min=8.6km az=150.8

ISC 11 17:01:15.0, 1.0, 3934N, 005.441E, 007, h15km, 11km, n7,
+059/12, Iran-Armenia-Azerbaijan border region

Table of station data for the middle column, including codes like CLDR, DYN, DYN, etc., with station names and coordinates.

NIED 11 17:10:00, 3700N, 13760E, h260km, Mw4.4. Best double
couple: M4.4, 62000, 17101, NPI=257, 00000, 378, 00000,
1.36, 00000, NP2=359, 00000, NP3=846, 00000,
NP4=17101, 14.2, 1.0, 3708N, 13741E, h224km, 34/19, Error
ellipse: s-maj=14.1km s-min=7.8km az=109.4

BJI 11 17:10:16.6, 3718N, 13765E, h268km, mb4.6, mb4.5
ISCJB 11 17:10:20.2, 3707N, 003, 13757E, 004, h257km, 2km,
mb4.1/38, Error ellipse: s-maj=5.5km s-min=4.2km
az=21.4

IDC 11 17:10:20.3, 3712N, 13755E, h251km, 3km, mb3.9/14,
mb1.4/0.19, mb1mx3.8/28, mbtmp3.9/19, Error ellipse:
s-maj=14.7km s-min=8.0km az=78.0

JMA 11 17:10:18.7, 0.2, 3702N, 13757E, h252km, 2km, M4.2
Broadband fault plane solution: P waves: NPI:
0.52, 00000, 348, 00000, 1.19, 00000, NPI2:
0.62, 00000, 376, 00000, 1.36, 00000, Principal axes:
T: P140.0000, Azm201.0000, N: P144.0000,
Azm56.0000, P: P149.0000, Azm307.0000;

NEIC 11 17:10:18.2, 0.5, 3710N, 13752E, h251km, 5km, mb4.4/18
Error ellipse: s-maj=8.9km s-min=5.3km az=84.0
ISC 11 17:10:18.3, 0.2, 3705N, 003, 13757E, 004, h251km, 2km,
n120, +009/14, mb4.2/38, 15C-13D, Near west coast of
eastern Honshu

Main table of station data for the middle column, including codes like JSZ, JJJ, JTT, etc., with station names and coordinates.

Main table of station data for the right column, including codes like YUK, CBIJ, CBUJ, etc., with station names and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KZA Kyzart, KBK Karagaybulak, USP Osenovka, BRVK Borovoye, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like GUMO Guam, CBIJ Chichi jima, JHW Hachio jima, JOW Kunigami, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SLKM Skilak Lake, KURK Kurchatov, IMA2 Indian Mountai, TKM2 Tokmak 2, etc.

ISCJB 11 17:45:15.1±0.6, 5033N±0.05, 180E±0.04, h0km, Error ellipse: s-maj=6.8km s-min=2.7km az=16.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RAC Racibor, OKC Ostrava-Krasne, OJC Ojcow, etc.

ISCJB 11 17:56:42.2±0.3, 1912N±0.03, 14557E±0.05, h221km, mb4.5/50, Error ellipse: s-maj=7.1km s-min=4.4km az=2.7

MOS 11 17:56:43.7±1.1, 1912N±145.99E, h239km, mb4.5/15, Error ellipse: s-maj=14.7km s-min=9.9km az=97.4

ISCJB 11 17:45:16.2, 5026N±1891E, ML12.5, Mining Induced PRU 11 17:45:17.8, 5025N±1878E, h0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MYKOM Kota Tinggi, KGM Kluang, FRIM Kepong, ZAK Zakamensk, etc.

ISCJB 11 17:56:42.2±0.3, 1912N±0.03, 14557E±0.05, h221km, mb4.5/50, Error ellipse: s-maj=7.1km s-min=4.4km az=2.7

MOS 11 17:56:43.7±1.1, 1912N±145.99E, h239km, mb4.5/15, Error ellipse: s-maj=14.7km s-min=9.9km az=97.4

IDC 11 18:10:04.9±2.5, 2122S±17659W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/15, mbtms3.8/3, Error ellipse: s-maj=166.8km s-min=43.4km az=154.0, Fiji Islands region

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

NIED 11 18:13:00, 4650N±153.10E, h8km, Mw3.8 Best double p5.92000x1014 NP1.0±225.00000°, 0.64.00000°, 1.122.00000°

NEIC 11 18:13:11.9±0.8, 4629N±152.96E, h10km, mb4.4/1, Error ellipse: s-maj=25.2km s-min=20.0km az=207.0

Table with columns: YAK, comp-Z, 8.0nm, 0.8s, pmax, pmax, Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, KSRs Korea Array, 20.76 253 P, P, 18 17 53.6 -0.2, HNR Honiara, 7.91 123 Op, Pn, 19 23 52.6 +6.7, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, GYA GYA, 19 32 24.8 +1.9, GYA GYA, 19 33 28.5 +3.9, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, GYA GYA, 19 32 24.8 +1.9, GYA GYA, 19 33 28.5 +3.9, etc.

ISCJB 11 18:40:42.7±0.5, 39.12N, 003.2903E, 003, h1km, 6km, Error ellipse: s-maj=4.6km s-min=3.7km az=178.9

CSEM 11 18:40:42.4±0.1, 39.13N, 29.00E, h5km, MD3.0, Error ellipse: s-maj=2.1km s-min=1.9km az=71.0

DDA 11 18:40:42.6, 39.15N, 29.04E, h2km, 6km, MD3.0, ISC 11 18:40:42.7, 39.11N, 28.98E, h6km, MD3.0

ISC 11 18:40:43.1±0.4, 39.14N, 002.2904E, 003, h0km, 6km, n27, 0.61319, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, DEMI Demirci, 0.27 250 Op, P, 18 40 48.7 +0.5, DEMI Demirci, 0.27 250 Op, P, 18 40 52.4 +0.8, etc.

ATH 11 19:19:04.8, 39.99N, 20.83E, h5km, MD3.1/3, ISCJB 11 19:19:06.3±0.8, 39.99N, 20.80E, 0.00, h10km, Error ellipse: s-maj=6km s-min=6.0km az=7.4

CSEM 11 19:19:06.0±0.3, 39.97N, 20.80E, h2km, MD3.1, Error ellipse: s-maj=9.0km s-min=6.9km az=91.0

SKO 11 19:19:07.3, 39.93N, 20.70E, h0km, ISC 11 19:19:06.7±1.1, 39.91N, 004.2074E, 008, h0km, 15km, n5, 0.67079, Greece-Albania border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, JAN Janina, 0.27 160 Op, P, 19 19 11.5 +0.2, JAN Janina, 0.27 160 Op, P, 19 19 16.2 +1.0, etc.

IDC 11 19:21:48.1±0.6, 5.16S, 153.10E, h0km, mb4.6/16, mb1.4/7.16, mb1mx4.7/19, mbtmp4.7/16, MS4.3/18, Ms1.4/3.18, ms1mx4.2/22, Error ellipse: s-maj=26.3km s-min=13.1km az=93.0

ISCJB 11 19:21:51.0±0.3, 5.18S, 153.25E, 0.05, h33km, Ms5.1/6.1, MS4.4/36, Error ellipse: s-maj=7.8km s-min=5.5km az=162.0

MOS 11 19:21:52.8±1.2, 4.99S, 152.93E, h33km, mb5.3/20, MS4.4/7, Error ellipse: s-maj=11.7km s-min=7.4km az=104.6

BUI 11 19:21:53.9, 4.63S, 153.39E, h42km, mb5.2, mb5.0, MS4.9, Ms24.6

NEIC 11 19:21:56.0±1.2, 5.17S, 152.99E, h56km, 10km, mb5.0/16, Error ellipse: s-maj=9.9km s-min=7.3km az=104.0

GCMT 11 19:21:56.0±0.3, 5.48S, 153.23E, h33km, MW5.0/6.1, Moment Tensor Solution: s=8.0, s=8.1, c9.1, Duration: 0. Moment tensor: Scale 10^16Nm; M3.61±.15; Mw0.46±.13; Best double couple; Mw.34200.1016

NP1.0±281.00000°, 627.00000°, 103.00000°. NP2: 0.86.00000°, 663.00000°, 183.00000°. Principal axes: T 4.4990, Plg71.0000°, Azm341.0000°, N -0.3130, Plg6.0000°, Azm89.0000°, P -4.1860, Plg18.0000°, Azm181.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 11 19:21:53.3±0.3, 5.18S, 153.21E, 0.06, h35km, h35km, 7km, p-P, n188, r1505/138, mb5.1/6.1, MS4.4/36, 7C-4D, New Ireland region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, FITZ Fitzroy Crossi, 29.84 242 Op, P, 19 27 56.5 -1.1, FITZ Fitzroy Crossi, 29.84 242 Op, P, 19 27 57.0 -0.6, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s ISC, KMI KMI, 19 31 40.6 +0.9, KMI KMI, 19 31 42.5 +2.3, etc.

11d 19h

Table with columns for station name, code, frequency, and other details. Includes stations like GTA, SHL, SONM, LSA, YAK, ZAK, ODAN, etc.

2007 JUL

Table with columns for station name, code, frequency, and other details. Includes stations like CHMS, UCH, FRU, USP, MAW, MAW, MAW, AML, etc.

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Table with columns for station name, code, frequency, and other details. Includes stations like TOAO, TORD, TORD, MAN 11, SIPP, etc.

Table with columns: LPAZ, La Paz, 120.25, 67, PKP, PKPdf, 19.44, 37.7, +3.2, etc.

ISCJB 11 20:33:35.1-0.7, 5344N-107.007E-16355W-007, h33km, mb4.0/12, MS3.0/2, Error ellipse: s-maj=10.5km

NEIC 11 19:33:36.9, 5343N-16361W, h32km, ML3.5(AEIC), After AIC

IDC 11 19:33:43.2, 1.3, 5432N-16443W, h33km, 5km, mb3.8/14, mb1.3/9.14, mb1mx3.8/26, mbtmp3.8/14, MS3.1/2

ISC 11 19:33:37.5-0.7, 5351N-080-16363W-007, h35km, h35km, 6km; p-P, n29, 0.0903, mb4.0/12, MS3.0/2, Unimak Island region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like FALS, AKUT, UNV, SDPT, etc.

IDC 11 19:33:47.6-3.3, 1936E-17016E, h0km, mb4.0/4, mb1.4/1.4, mb1mx3.8/14, mbtmp4.0/4, Error ellipse: s-maj=117.0km

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

NIED 11 20:29:00, 3550N-13910E, h20km, Mw3.9 Best double couple: M8.390000-1014 NP1.3232.00000, 883.000000

ISCJB 11 20:29:25.3-0.5, 3545N-100.33E-13919E-006, h29km, 4km, mb4.0/5, Error ellipse: s-maj=8.0km

JMA 11 20:29:25.9, 3545N-13917E, h19km, 1km, M4.2 Broadband fau: Broad solution: P waves. NP1: 0.301.00000

NEIC 11 20:29:26.0, 3545N-13917E, h20km, mb4.3/1, After JMA. NEIC Felt at Aitugi, Sagamihara, Tokyo, Yamato and Yokosuka

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like JOD2, JYN, JRY, etc.

Table with columns: NJJJ, Nii jima 2, 1.05 176, Pn, 20.29 44.5 -0.3, etc.

ISCJB 11 20:41:28.3-0.9, 2488S-005-6535W-007, h35km, 6km, mb4.3/21, MS3.8/3, Error ellipse: s-maj=10.5km

IDC 11 20:41:30.1-2.5, 2490S-6539W, h35km, 20km, mb4.1/8, mb1.4/2.15, mb1mx4.1/23, mbtmp4.1/15, ML4.2/6, MS3.4/8

NEIC 11 20:41:30.6-0.6, 2489S-6537W, h42km, 6km, mb4.5/13, MD4.6(SJA), Error ellipse: s-maj=8.2km

NEIC Felt (IV) at Salta. Felt at Tartagal. ISC 11 20:41:30.8-0.7, 2489S-005-6536W-007, h41km, 7km, n50, 0.82/42, mb4.3/21, MS3.8/3, 1C-1D, Salta Province

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like LVC, CEN1, LCO, TLL, etc.

ATH 11 22:01:31.1, 3724N-2953E, h36km, 11km, MD3.5/5, NEIC 11 22:01:31.0, 3709N-2923E, h5km, MD3.5(ATH)

CSEM 11 22:01:32.1-0.1, 3707N-2926E, h5km, MD3.3, Error ellipse: s-maj=2.7km

ISCJ 11 22:01:32.0, 3709N-2924E, h3km, MD3.3, DDA 11 22:01:32.6, 3699N-2927E, h28km, MD3.2

ISCJB 11 22:01:33.0-0.3, 3707N-2927E-003, h3km, Error ellipse: s-maj=3.3km

ISC 11 22:01:33.4-0.5, 3709N-002-2927E-003, h2km, 4km, n40, 0.15/14/60, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like DALT, ELL, DENT, etc.

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

CASC 11 21:36:24.7-2.8, 1307N-9165W, h2km, 38km, MD4.0, ISCJB 11 21:36:28.7-0.9, 145N-01-91.17W-009, h185km, 9km

NEIC 11 21:36:31.8, 1462N-91.22W, h187km, 187km, MD4.4(MEX), After MEX

MEX 11 21:36:32.0-1.3, 1461N-91.23W, h186km, 15km, MD4.4, ISC 11 21:36:29.5-0.9, 146N-01-91.18W-009, h182km, 9km, n24, 0.099/21, 4C-2D, Guatemala

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

ATH 11 22:01:31.1, 3724N-2953E, h36km, 11km, MD3.5/5, NEIC 11 22:01:31.0, 3709N-2923E, h5km, MD3.5(ATH)

CSEM 11 22:01:32.1-0.1, 3707N-2926E, h5km, MD3.3, Error ellipse: s-maj=2.7km

ISCJ 11 22:01:32.0, 3709N-2924E, h3km, MD3.3, DDA 11 22:01:32.6, 3699N-2927E, h28km, MD3.2

ISCJB 11 22:01:33.0-0.3, 3707N-2927E-003, h3km, Error ellipse: s-maj=3.3km

ISC 11 22:01:33.4-0.5, 3709N-002-2927E-003, h2km, 4km, n40, 0.15/14/60, Turkey

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes NEIC 11 22:03:55.4, 31133S-6857W, h150km, MD3.5(GUC), After GUC. GUC 11 22:03:55.4, 0.5, 31133S-6857W, h150km, MD3.5, ML3.6, 7C-3D, San Juan Province.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes IDC 11 22:27:26.9, 54.0, 2022S-17918E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/15, mbmp3.7/3, Error ellipse: s-maj=972.1km s-min=149.7km az=81.0, South of Fiji Islands.

ISCJB 11 23:06:40.6, 1.1, 4350N, 006.4648E, 0.05, h10km, Error ellipse: s-maj=9.1km s-min=3.6km az=28.1. TIF 11 23:06:45.8, 4326N, 4624E, h15km, 3km. MOS 11 23:06:45.6, 1.2, 4309N, 4625E, h12km, mb4.0/1, Error ellipse: s-maj=15.7km s-min=8.5km az=13.6. CSEM 11 23:06:45.6, 4309N, 4625E, h12km, mb4.0, After OBN. ISC 11 23:06:41.3, 1.2, 4347N, 006.4649E, 0.06, h4km, 4km, n21, r150/36, Eastern Caucasus.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes DBC Dubki, DBC Buynaksk, BUJR Buynaksk, UNCR Uncukul, UNCR Uncukul, UNCR Sundja, SNJR Sundja, VLKR Vladikavkaz, KMKR Kumukh, BTKR Batakoyurt, ARNR Ardon, ARNR Kora, KORR Kora, LSNR Lesken, LSNR Tsey, ZEI Delisi, MTA Matsminda, DGRG David-gareji, DGRG Digrorsko uzhe, GOR Gori, ONI Oni, KIV Kislovodsk, KIV Kislovodsk, AKH Akhalkalaki.

BUI 11 23:08:14.1, 3246N, 8875E, h28km, mb4.4, mb4.4, Ms4.2, Ms2.0. IDC 11 23:08:14.2, 0.7, 3255N, 8899E, h0km, mb4.1/16, mb1 4.2/18, mb1mx4.2/26, mbmp4.1/18, ML4.7/1, Ms3.7/11, Ms1.3/7.1, ms1mx3.6/26, Error ellipse: s-maj=22.7km s-min=13.4km az=38.0. LDG 11 23:08:17.9, 0.4, 3284N, 8893E, h33km, Mb4.5/8, Ms3.5/7, Error ellipse: s-maj=19.6km s-min=4.1km az=103.0. MOS 11 23:08:18.4, 1.0, 3281N, 8904E, h33km, mb4.5/23, Error ellipse: s-maj=13.5km s-min=5.8km az=116.5. ISCJB 11 23:08:18.4, 0.7, 3277N, 004.8903E, 0.04, h33km, 6km, mb4.3/37, MS3.7/12, Error ellipse: s-maj=6.3km s-min=6.1km az=15.8. SZGRF 11 23:08:19.7, 3356N, 9026E, h33km, mb4.5, Qinghai, China. NEIC 11 23:08:20.5, 0.9, 3273N, 8899E, h39km, mb4.5/17, Error ellipse: s-maj=10.3km s-min=5.8km az=45.0. ISC 11 23:08:20.6, 0.5, 3276N, 003.8904E, 0.04, h37km, 6km, n133, r150/138, mb4.3/37, MS3.7/12, 8C-8D, Xizang.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes LSA Lhasa, LSA Lhasa, LSA Lhasa, TAPN Taplejung, GUN Gumba, JIRN Jiri, KKN Kakani, PKI Pulchoki, PKIN Pulchoki, ODAN Odare.

Main table with columns: DMN, RAMN, DANN, KOLN, SHL, SHL, KALPA, DDI, SMLA, WMO, WMO, WMO, SONA, KUDL, KUDL, CD2, KMI, KMI, TKM2, TKM2, TKM2, TKM2, KMK, MKAR, MKAR, MKAR, AML, AML, AML, USP, EKS2, EKS2, XAN, XAN, XAN, XAN, XAN, XAN, KBL, CMAR, CMAR, CMAR, KURK, KURK, SONM, SONM, ZAK, MOY, ZAL, ZAL, ZALV, TLY, TLY, TLY, NVS, QIZ, QIZ, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, AKTK, AKTK, AKTK, AKTO, AKTO, AKTO, AKTO, AKTO, BOD, SVE, SVE, ARU, ARU, ARU, ARU, ARU, KRSR, KRSR, GNI, GNI, GNI, GNI, GOF, KIV, KIV, KIV.

Main table with columns: KIV, VRHR, VRHR, VRHR, MJAR, MJAR, MJAR, VRSR, VRSR, VRSR, VRSR, MALT, MALT, MALT, KLMR, KLMR, KLMR, KLMR, EIL, AKASG, AKASG, AKASG, JOF, JOF, JOF, VRI, PLOH, MLR, KEV, KEV, KEV, ARCES, ARCES, ARCES, KWP, KWP, DRGR, WRAC, CONA, CSNA, NB2, NOA, NOA, NOA, GROS, PERS, SOKA, GEC2, GERES, GERES, GERES, GERES, GRF, GRF, GRF, GRF, WTTA, WTTA, WTTA, CDF, LPL, LPL, SMF, SSF, SSF, SSF, AVF, TCF, TCF, TCF, LDF, LDF, LDF, GRR, GRR, GRR, GRR, WRA, WRA, WRA, ASAR, ASAR, ASAR, ESDC, ESDC, ESDC, TORD, TORD, TORD, STKA, DBIC.

BUI 11 23:10:28.3, 151N, 12922E, h35km, mb5.1, mb4.9, Ms4.6, Ms2.6. ISCJB 11 23:10:35.3, 0.3, 234N, 003.12888E, 0.06, h34km, mb4.9/63, MS4.0/13, Error ellipse: s-maj=8.3km s-min=4.6km az=174.5.

Table with columns: TUC, PLCA, TMUT, TXAR, ANMO, NEW, SDCO, RSSD, LVC, KURK, TORD, ASAR. Includes station names, coordinates, and various codes.

CASC 11 23:14:47.4, 2.7, 895N-8288W, h2km, 7km, MD4.3, 4C-4D,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like Cotoan, TBS2, CN1, etc.

TIF 11 23:20:15.0, 4324N-4620E, h10km, 2km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like Botlikh, BUJR, BUJ, etc.

NEIC 11 23:33:04.2, 1550N-9924W, h16km, MD4.2(MEX), After MEX

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like ACX, CAIG, MEIG, etc.

ISCJ 11 23:20:17.7, 1.4, 679S-12967E, h148km, 13km, m3, 8/8, Error ellipse: s-maj=12.2km s-min=8.9km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like KAKA, BATI, FITZ, etc.

Table with columns: ASAR, STKA, CTAK, STKS, STAK, NWAQ, TAU, CMAR, MKAR, ZALV, KURK, MAW, GSPA, QSPA, AKTK, AKTO, LBTB, LTRD, LPAZ, LPZ. Includes station names, coordinates, and various codes.

CASC 11 23:25:02.2, 2.6, 892N-8289W, h13km, 8km, MD4.1, 5C-3D,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like Cotoan, BRU2, TBS2, BAR1, etc.

NEIC 11 23:33:04.2, 1550N-9924W, h16km, MD4.2(MEX), After MEX

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like ACX, CAIG, MEIG, etc.

ISC 11 23:42:08.7, 3933N-2884E, h5km, MD2.9

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like DEMI, DST, GDZ, etc.

ISC 11 23:42:10.9, 0.4, 3933N-2880E, h78km, 4km, n29,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like DEMI, DST, GDZ, etc.

Table with columns: TIR, ISCJB, CSEM, ATH, THE, NEIC. Includes station names, coordinates, and various codes.

ISC 12 01:14:11.3, 0.6, 3932N-002-2016E, h0km, 4km, n36,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like IGT, IGD, IGT, etc.

CSEM 12 01:22:46.6, 0.1, 3704N-2923E, h2km, MD3.1, Error

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like DALT, DALS, DALY, etc.

WEL 12 01:55:54.4, 3.4, 2991S-13898E, h0km, mb1 4.0/2,

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like URZ, MWZ, PUZ, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, AVH Avacha, etc.

ISCJB 12 02:31:21.5:1.6, 45660N, 008.2661E, 0.10, h137km, 11km, Error ellipse: s-maj=13.9km s-min=10.5km az=27.8

CSEM 12 02:31:21.8:0.4, 45626N, 2657E, h128km, 3km, MD3,5/2, Error ellipse: s-maj=4.6km s-min=3.2km az=171.0

BUC 12 02:31:21.0:0.6, 45666N, 2662E, h142km, 4km, MD3,5/2, Error ellipse: s-maj=4.1km s-min=3.1km az=15.0

NEIC 12 02:31:21.9, 45571N, 2654E, h136km, MG2,7(BUC), After BUC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRI Vriocioia, ODB Odobesti, MLR Muntele Rosu, etc.

MEX 12 02:40:51.7:0.3, 1686N, 9888W, h16km, 999km, MD3,9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, MEIG Mezcala, CAIG Cayaco, PPM Popocatepetl.

IDC 12 02:43:31.6:1.0, 3032N, 13866E, h444km, 22km, mb3,0/3, mb1 3.1/5, mb1mx2,8/21, mbtmp3,0/5, Error ellipse: s-maj=52.2km s-min=22.3km az=78.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ Hachiojima 2, KSR Korea Array, WRA Warramunga Arr, etc.

BUI 12 02:49:20.0, 751S, 12780E, h41km, mb4,5, mb4.4, DJA 12 02:49:25.6, 669S, 12765E, h48km, MLA,9/5

ISCJB 12 02:49:27.6:0.8, 669S, 006:12741E, 007, h423km, 9km, mb4,3/41, Error ellipse: s-maj=13.3km s-min=4.9km az=144.6

NEIC 12 02:49:28.4:0.7, 662S, 12748E, h414km, 8km, mb4,4/22, Error ellipse: s-maj=11.2km s-min=5.2km az=53.0

IDC 12 02:49:29.4:1.2, 672S, 12743E, h426km, 13km, mb3,8/11, mb1 3.9/15, mb1mx3,9/15, mbtmp3,9/15, Error ellipse: s-maj=19.6km s-min=9.7km az=67.0

ISC 12 02:49:29.3:0.8, 673S, 006:12749E, 007, h429km, 10km, n65, 0:95/66, mb4,3/41, 1C-4D, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, KAKA Kakadu, KAPI Kappang, etc.

Main table with columns: FITZ Fitzroy Crossi, WRAB Tennant Creek, WRAB Warramunga Arr, etc. Includes various station codes and their details.

NEIC 12 03:09:18.7:4.6, 813S, 12501E, h6km, 29km, Error ellipse: s-maj=20.8km s-min=10.8km az=57.0

DJA 12 03:09:19.7, 625S, 12527E, h124km, MLA,4/3/2, ISCJB 12 03:09:20.1:2.0, 813S, 008:12572E, 0.10, h39km, 19km, mb4,0/10, MS3,4/5, Error ellipse: s-maj=19.4km s-min=8.1km az=144.2

ISC 12 03:09:22.2:1.7, 815S, 008:12569E, 0.08, h38km, 17km, n22, 0:11/27, mb4,0/10, MS3,4/5, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

WJL 12 03:08:43.4, 3929S, 17534E, h33km, MLA,3/31, ISCJB 12 03:09:34.8:1.4, 4521S, 006:1671E, 02, h34km, Error ellipse: s-maj=16.1km s-min=7.2km az=15.6

ISC 12 03:09:35.1:1.4, 4521S, 007:1671E, 02, h31km, 7km, n13, 0:73/15, South Island

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

IDC 12 03:18:04.7:3.7, 495S, 14912E, h0km, mb3,9/3, mb1 4.2/3, mb1mx3,6/16, mbtmp3,9/3, Error ellipse: s-maj=129.1km s-min=44.6km az=115.0, Bismarck Sea

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

IDC 12 03:39:42.9:2.0, 071S, 7711W, h0km, mb3,5/2, mb1 3.8/3, mb1mx3,6/17, mbtmp3,6/3, ML3,8/11, Error ellipse: s-maj=77.6km s-min=31.8km az=44.0

IGQ 12 03:39:55.8, 169S, 7816W, h176km, 2km, Mb4,2, Ms4.0, Error ellipse: s-maj=5.3km s-min=2.8km az=9.2

ISCJB 12 03:39:57.1:0.6, 172S, 007:7816W, 0.1, h165km, 4km, mb3,5/5, Error ellipse: s-maj=7.8km s-min=1.1km az=177.9

NEIC 12 03:39:58.6:1.1, 133S, 7760W, h157km, 10km, mb3,7/3, Error ellipse: s-maj=50.4km s-min=12.5km az=54.0

ISC 12 03:39:58.1:0.6, 169S, 007:780W, 0.1, h161km, 4km, n36, 0:64/37, mb3,5/5, 4C-15D, Ecuador

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

IDC 12 03:09:16.7:0.7, 807S, 12587E, h0km, mb4,0/10, mb1 4.2/14, mb1mx1,1/18, mbtmp4,1/14, MLA,4/24, MS3,5/7, Mb1 3.5/7, mb1mx3,3/23, Error ellipse: s-maj=27.9km s-min=13.3km az=86.0

Table with columns for race ID, name, time, and status. Includes entries like JLU Jordanelle, EDW2 Edwards Air Fo, P14A Drum Mountains, etc.

Table with columns for race ID, name, time, and status. Includes entries like MOOV comp-Z,47nm,0.7s,mb5.4, V05C Boulder Hill, MTUM Tungsten Hills, etc.

Table with columns for race ID, name, time, and status. Includes entries like BOZ Bozeman (W), BOZ Bozeman (W), J12A Stokes Ranch, etc.

K07A	Rock Creek Ran	64.88 325	P	P	05 34 12.3 -0.2
O03C	Acorn Hollow,	64.89 321	↓P	P	05 34 11.8 -1.0
MSO	Missoula	64.89 331	↑P	P	05 34 12.9 +0.3
MSO	comp-Z, 147nm, 0.8s, mb5.9				
HOPS	Hopland	64.97 320	↑P	pP	05 34 50.0 +1.0
HOPS	Hopland	64.97 320	↓P	P	05 34 13.1 -0.1
LBCM	Butte Creek Ri	64.97 322	↓P	P	05 34 13.1 -0.2
CHIE	El Hierro	64.98 55	↑P	P	05 34 13.6 0.0
MOD	Modoc	64.99 324	↑P	P	05 34 13.2 -0.1
MOD	Modoc	64.99 324	↑P	P	05 34 13.4 0.0
HATC	Hat Creek Radi	65.03 322	↓P	P	05 34 13.7 +0.1
G11A	Walters Elk Ra	65.05 329	↓P	P	05 34 13.4 -0.2
GASB	Alder Springs	65.12 320	↓P	P	05 34 14.9 +0.6
M05C	Lookout	65.16 323	P	P	05 34 14.5 0.0
BMO	Blue Mountains	65.22 328	↑P	P	05 34 13.9 -0.8
I08A	Drewsey	65.28 326	↑P	P	05 34 14.7 -0.5
H09A	Durkee	65.28 327	↓P	P	05 34 14.7 -0.5
F11A	Grangeville	65.32 329	↓P	P	05 34 15.0 -0.4
D13A	Huson	65.33 331	↑P	P	05 34 15.7 +0.3
J07A	Hines	65.35 325	P	P	05 34 15.5 -0.1
L05A	Lakeview	65.39 324	P	P	05 34 16.6 +0.6
P01C	Double O Ranch	65.41 320	P	P	05 34 16.6 +0.5
G10A	Bishop Farm, J	65.42 328	↓P	P	05 34 16.0 0.0
EHIG	Higuera	65.44 54	P	P	05 34 17.3 +0.7
O02C	Red Bluff	65.47 321	↑P	P	05 34 15.5 -1.0
C14A	Swan Lake	65.48 332	↑P	P	05 34 17.0 +0.6
K06A	Valley Falls	65.52 324	↓P	P	05 34 16.8 +0.1
WDC	Whiskeytown Da	65.55 321	↑P	P	05 34 14.7 -2.3
WDC	Whiskeytown Da	65.55 321		pmx	05 34 14.7 -2.3
WDC	Whiskeytown Da	65.55 321		pmx	05 34 14.8 -2.1
E11A	Bogner Ranch,	65.67 330	↓P	P	05 34 16.9 -0.7
KCPM	Cahto Peak	65.69 320	eP	P	05 34 18.4 +0.5
KIPM	Iron Peak	65.69 320	eP	P	05 34 17.9 0.0
M03C	McClood	65.70 322	P	P	05 34 17.4 -0.5
H08A	Prairie City	65.73 327	↓P	P	05 34 18.1 +0.1
D12A	Red Ives Fores	65.73 331	↓P	P	05 34 17.9 -0.1
J06A	Christmas Vall	65.75 325	P	P	05 34 18.1 -0.1
G09A	Cove	65.75 328	↓P	P	05 34 18.3 +0.1
EGOM	La Gomeria	65.76 54	↑P	P	05 34 18.4 -0.2
C13A	Hot Springs	65.80 331	↓P	P	05 34 18.9 +0.4
M04C	Madocel	65.83 323	↑P	P	05 34 18.5 -0.3
K05A	Summer Lake	65.85 324	P	P	05 34 19.6 +0.7
I07A	Izee	65.91 326	↑P	P	05 34 19.6 +0.4
F10A	Beach Ranch, E	65.93 329	P	P	05 34 19.3 0.0
O01C	El River Cons	66.09 320	↓P	P	05 34 20.9 +0.4
L04A	Klamath Falls	66.10 323	P	P	05 34 20.5 +0.1
F09A	S2 Ranch, Elgi	66.11 328	P	P	05 34 20.4 0.0
N02C	Big Bar	66.16 321	P	P	05 34 20.9 0.0
D11A	Klaveano Farm,	66.21 330	P	P	05 34 20.6 -0.4
I06A	Prineville	66.21 325	P	P	05 34 21.8 +0.6
M02C	Callahan	66.21 322	↑P	P	05 34 20.1 -1.1
E10A	Myers Farm, Un	66.22 329	P	P	05 34 20.9 -0.2
B13A	Whitefish	66.25 332	P	P	05 34 21.3 0.0
H07A	Lands Inn, Kim	66.27 326	↑P	P	05 34 21.3 -0.2
K04A	Chilquin	66.27 324	↓P	P	05 34 21.4 -0.1
CCAN	Las Canadas	66.27 55	P	P	05 34 23.1 +1.3
YBH	Yreka Blue Hor	66.33 322	eP	P	05 34 20.1 -1.8
YBH	Yreka Blue Hor	66.33 322	LR	P	06 03 38.7
YBH	Yreka Blue Hor	66.33 322	P	pmx	05 34 20.1 -1.8
YBH	Yreka Blue Hor	66.33 322	P	pmx	05 34 20.7 -1.2
Y05A	Port Rock	66.39 324	P	P	05 34 22.6 +0.4
FFC	Flin Flon	66.58 343	P	P	05 34 22.8 -0.5
FFC	Flin Flon	66.58 343	↑P	P	05 34 22.1 -1.2
FFC	Flin Flon	66.58 343	↑P	pmx	05 34 22.1 -1.2
JCC	Jacoby Creek	66.61 321	↓P	P	05 34 23.9 +0.2
EBAJ	Bajamar	66.61 54	P	P	05 34 24.8 +0.8
F08A	Pendleton	66.62 328	P	P	05 34 23.2 -0.5
A13A	Flathead Natio	66.62 332	↑P	P	05 34 24.0 +0.4
D10A	Wagner Farm, O	66.69 330	P	P	05 34 23.5 -0.6
G07A	Ruggs Ranch, H	66.75 327	P	P	05 34 25.0 +0.5
E09A	Wood Farm, Sta	66.77 329	↑P	P	05 34 24.3 -0.3
H06A	Lindquist Farm	66.78 326	↓P	P	05 34 25.5 +0.8
B12A	Libby	66.84 331	↓P	P	05 34 25.4 +0.4
J04A	Ummpqua Nationa	66.87 324	↑P	P	05 34 25.1 -0.3
KRMB	Red Mountain	66.94 322	↑P	P	05 34 26.2 +0.4
I05A	Bend	66.95 325	↓P	P	05 34 26.4 +0.6
HUMO	Hull Mountain	66.99 323	eP	P	05 34 24.5 -1.6
HUMO	Hull Mountain	66.99 323	P	P	05 34 24.9 -1.2
EOSO	Osorio	67.07 55	P	P	05 34 27.8 +0.9
L02A	Cave Junction	67.11 322	↓P	P	05 34 26.9 0.0
B11A	Sandpoint	67.19 331	↑P	P	05 34 27.2 0.0
A12A	Yaak River Ran	67.20 332	↑P	P	05 34 27.9 +0.6
D09A	Jones Farm, Ri	67.21 329	P	P	05 34 27.5 +0.1
C10A	Spilker Farm,	67.22 330	↑P	P	05 34 27.4 0.0
H05A	Madras	67.22 326	↑P	P	05 34 27.9 +0.4

E08A	Dider Farm, El	67.22 328	↓P	P	05 34 26.8 -0.7
M01C	Crescent City	67.25 322	↓P	P	05 34 27.8 0.0
G06A	Carlson Farm	67.26 326	P	P	05 34 28.7 +0.9
F07A	Phinny Hill Vi	67.30 327	P	P	05 34 28.8 +0.8
I04A	Tendick Farm,	67.38 324	P	P	05 34 27.7 -0.8
K02A	Glendale	67.40 323	↑P	P	05 34 28.6 -0.1
HAWA	Hanford	67.41 328	eP	P	05 34 28.1 -0.6
NEW	Newport	67.44 331	P	P	05 34 28.2 -0.5
NEW	Newport	67.44 331	P	pmx	05 34 28.3 -0.5
J03A	Icleyd Park	67.45 324	↓P	P	05 34 29.1 +0.2
B10A	Chitwood Farm,	67.51 331	↓P	P	05 34 29.0 -0.3
D08A	Wollman Farm,	67.53 329	P	P	05 34 29.6 +0.2
KBO	Bosley Butte	67.53 322	eP	P	05 34 30.0 +0.5
A11A	Hall Mountain,	67.55 331	eP	P	05 34 29.9 +0.5
F06A	Goldsand	67.68 327	↓P	P	05 34 31.1 +0.8
E07A	Sunnyside	67.69 328	↑P	P	05 34 30.7 +0.3
C09A	Chrisman Ranch	67.69 330	↑P	P	05 34 30.4 +0.1
H04A	Detroit Lake	67.78 325	P	P	05 34 30.5 -0.5
J02A	Umpqua	67.80 323	P	P	05 34 31.6 +0.4
PMAR	Madeira	67.91 50	eP	P	05 34 32.8 +0.7
KEBM	Edson Butte	67.97 323	eP	P	05 34 32.2 -0.1
I03A	Eugene	67.98 324	↑P	P	05 34 32.4 +0.1
K01A	Sixes	68.01 322	↑P	P	05 34 32.9 +0.3
B09A	Rice	68.05 330	P	P	05 34 32.5 -0.1
F05A	Higginbotham F	68.07 329	↑P	P	05 34 32.7 0.0
C08A	White Salmon	68.12 327	↑P	P	05 34 33.4 +0.3
A10A	Notport	68.14 331	↓P	P	05 34 32.6 -0.5
D07A	Quincy	68.16 328	↓P	P	05 34 34.0 +0.6
G04A	Mullin	68.27 325	P	P	05 34 34.0 0.0
E06A	Yakima	68.27 327	P	P	05 34 34.7 +0.6
I02A	Mapleton	68.33 324	↓P	P	05 34 34.9 +0.5
COR	Corvallis	68.36 325	eP	P	05 34 34.1 -0.6
COR	Corvallis	68.36 325	eP	pmx	05 34 34.1 -0.6
CFTV	Fuerteventura	68.39 55	P	P	05 34 35.1 -0.1
H07A	Soap Creek Ran	68.41 325	P	P	05 34 35.4 +0.5
C03A	Waterville	68.43 329	P	P	05 34 35.8 +0.2
B08A	Colville Reser	68.59 330	P	P	05 34 35.7 -0.3
D06A	Cle Elum	68.61 328	↑P	P	05 34 36.5 +0.4
A09A	Danville	68.63 330	P	P	05 34 35.9 -0.3
F04A	Ambo	68.68 326	P	P	05 34 36.5 -0.1
E05A	Randle	68.70 327	P	P	05 34 36.7 0.0
G03A	Yamhill	68.79 325	↑P	P	05 34 37.7 +0.4
H02A	Toledo	68.82 324	↓P	P	05 34 38.1 +0.6
A08A	Turner Farm, O	68.95 330	↓P	P	05 34 38.3 +0.1
B07A	Winthrop	69.06 329	P	P	05 34 38.5 -0.4
C06A	Tall Timber Ra	69.11 328	↑P	P	05 34 38.7 -0.5
EFAM	Famara	69.11 55	P	P	05 34 40.4 +0.8
D05A	Enumclaw	69.22 327	P	P	05 34 39.8 -0.1
E04A	Onalaska	69.25 327	↑P	P	05 34 40.2 +0.1
C05A	Toit Reservoir	69.38 328	↓P	P	05 34 40.1 -0.8
A07A	Ashnola River,	69.57 330	↓P	P	05 34 42.7 +0.7
D04A	Dobbs Creek Ra	69.61 327	↑P	P	05 34 42.7 +0.4
E03A	Lebam	69.68 326	↓P	P	05 34 43.1 +0.3
B06A	Marblemount	69.79 329	↓P	P	05 34 43.0 -0.3
B05A	Bryant	69.94 328	↓P	P	05 34 43.7 -0.6
C04A	Brinnon	70.07 327	P	P	05 34 45.3 +0.2
D03A	Wishkah Elem.	70.14 327	↑P	P	05 34 46.5 +1.0
A06A	Chilwack	70.16 329	↑P	P	05 34 45.0 -0.6
NLWA	Neilton Lookou	70.36 327	eP	P	05 34 47.3 +0.4
NLWA	Neilton Lookou	70.36 327	↓P	P	05 34 47.7 +0.9
A05A	Maple Falls	70.40 329	P	P	05 34 46.4 -0.7
LIC	Lamto	70.53 81	eP	P	05 34 47.0 -1.6
LIC	Lamto	70.53 81	eP	MLR	05 34 47.0 -1.6
LIC	Lamto	70.53 81	eP	MLR	05 34 47.0 -1.6
A04A	Legoe Bay, Lum	70.55 328	P	P	05 34 48.3 +0.3
B04A	Port Angeles	70.56 327	↑P	P	05 34 48.9 +0.8
DBIC	Dimbokro	70.78 80	eP	P	05 34 48.9 -1.3
DBIC	Dimbokro	70.78 80	eP	S	05 43 49.1 -3.9
DBIC	Dimbokro	70.78 80	eP	S	05 34 48.6 -1.5
DBIC	Dimbokro	70.78 80	eP	P	06 03 58.6
DBIC	Dimbokro	70.78 80	eP	S	05 34 48.9 -1.2
DBIC	Dimbokro	70.78 80	eP	pmx	05 43 49.1 -3.9
C03A	Quillayute Air	71.07 327	eP	P	05 34 52.4 +1.3
PPT	Papeete	71.64 254	eP	P	05 35 07.8 +0.7
PPT	Papeete	73.64 254	P	S	05 44 22.7 -2.9
PPT	Papeete	73.64 254	P	S	05 35 06.9 -0.2
PPT	Papeete	73.64 254	P	LR	05 58 41.0
VNA1	Neumayer-Stat	74.74 162	↑P	P	05 35 12.6 +0.2
VNA1			e	P	05 35 15.7
VNA1			e	P	05 35 25.8
PFVI	Vila Bisbo	75.76 49	eP	P	05 44 50.9 +1.0
PFVI	Vila Bisbo	75.76 49	eP	S	05 45 50.3 +1.9
PFVI	Vila Bisbo	75.76 49	eP	P	06 00 12.9
MORF	Marpelete	75.96 49	eP	S	05 44 51.0 +0.5
MORF	Marpelete	75.96 49	eP	A	05 55 18.9
MORF	Marpelete	75.96 49	eP	A	06 00 07.9
PTEO	Sao Teotonio	75.99 48	eP	P	05 35 21.1 +0.9

PMAFR	Mafr	76.11 47	eP	S	05 35 21.3 +0.5
PMAFR	Mafr	76.11 47	eP	S	05 44 49.6 -2.5
LIS	Lisbon	76.11 47	eP	S	05 35 19.6 -1.2
LIS	Lisbon	76.11 47	eP	S	05 44 51.1 -1.1
LIS	Lisbon	76.11 47	eP	S	05 44 52.9 +0.1
LIS	Lisbon	76.11 47	eP	S	05 56 50.4
LIS	Lisbon	76.11 47	eP	S	05 35 19.6 -1.2
LIS	Lisbon	76.11 47	eP	S	05 44 51.1 -1.1
PBDV	Barranco-Do-Ve	76.47 49	eP	P	05 35 24.2 +1.3
PBDV	Barranco-Do-Ve	76.47 49	eP	P	05 54 58.7 +2.6
PBDV	Barranco-Do-Ve	76.47 49	eP	P	05 35 24.2 +1.0
PBDV	Barranco-Do-Ve	76.47 49	eP	P	05 54 58.7 +2.6
SFJD	Montemor	76.62 47	eP	P	05 35 24.2 +1.0
SFJD	Kangerlussuaq	76.67 9	↑P	P	05 35 52.7 -2.0
SFJD	Kangerlussuaq	76.67 9	↑P	P	05 44 51.3 -5.8

Table with columns: Station Name, Frequency, Mode, and various signal quality metrics (e.g., SNR, Azimuth, Elevation, etc.).

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HLW 12 05:31:28.7, 3139N-3551E, h22km, Mb3.0
ISCJBL 12 05:31:29.0, 5, 31.14N-003.3525E-0.06, h0km, Error
ellipse: s-maj=7.6km s-min=3.2km az=22.3
CSEM 12 05:31:29.4, 0.1, 31.16N-3523E, h5km, ML3.4, Error
Gll 12 05:31:29.2, 1.1, 31.16N-3524E, h0km, ML2.3/4,
EXPLOSION
ISC 12 05:31:30.0-0.5, 31.14N-003.3524E-0.05, h0km, n18,
o076/24, 3C-2D, Dead Sea region

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

12d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, NB2, NOA, etc.

IDC 12 08:46:38.2,0.9,3974N:7954E,h0km,mb3.9/8,mb1.4/1.9,mb1mx3.9/22,mbtmp3.9/9,ML3.7/1,MS3.5/1,Ms1.3/5.1,ms1mx2.5/39,Error ellipse: s-maj=25.1km s-min=18.4km az=69.0

ISCJBJ 12 08:46:42.0,0.8,3979N:004.7988E,007,h36km,10km,mb3.7/7,Error ellipse: s-maj=9.4km s-min=6.0km az=19.3

BUI 12 08:46:42.6,3985N:7979E,h57km,ML3.9/8,Ms3.7,Ms3.6 NEIC 12 08:46:46.3,1.5,3988N:7971E,h54km,15km,Error ellipse: s-maj=16.9km s-min=11.2km az=181.0

ISC 12 08:46:44.8,0.6,3984N:004.7981E,007,h43km,gkm,n32,r1501/33,mb3.7/7,5C-2D, Southern Xinjiang

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

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

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

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

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

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

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

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

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

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

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

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

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

2007 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUVI, GUCE, TRN, etc.

CSEM 12 09:04:18.3,0.0,3723N:2819E,h1km,MD2.7,Error ellipse: s-maj=1.1km s-min=0.7km az=23.0

ISCJBJ 12 09:04:19.2,0.8,3722N:005.2823E,005,h7km,13km,Error ellipse: s-maj=9.5km s-min=6.9km az=22.4

DDA 12 09:04:19.8,3729N:2823E,h7km,MD2.7 ISC 12 09:04:19.4,0.9,3725N:006.2825E,007,h1km,20km,n8,0875/13, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER, MLBS, AYDN, etc.

CSEM 12 09:06:32.1,0.1,3984N:2885E,h2km,MD2.7,Error ellipse: s-maj=2.4km s-min=1.5km az=133.0

DDA 12 09:06:32.7,3989N:2884E,h7km,5km,MD3.0 ISC 12 09:06:32.6,3986N:2890E,h5km,MD2.7

ISCJBJ 12 09:06:33.0,0.4,3990N:002.2887E,003,h10km,Error ellipse: s-maj=3.6km s-min=2.9km az=147.1

ISC 12 09:06:33.7,0.4,3990N:003.2884E,003,h7km,5km,n23,01504/38, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEMT, BTAK, EIOK, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEMI, ADVT, GDZ, etc.

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

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

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

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

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

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

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

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

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

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

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

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

350

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

IDC 12 09:28:31.6,2.7,1903S:17752W,h0km,mb3.6/3,mb1.4/0.3,mb1mx3.7/16,mbtmp3.7/6,Error ellipse: s-maj=273.7km s-min=34.3km az=160.0, Fiji Islands region

CSEM 12 09:30:43.8,0.2,3733N:2803E,h2km,MD2.9,Error ellipse: s-maj=4.0km s-min=2.6km az=15.0

ISCJBJ 12 09:30:44.5,0.7,3734N:003.2805E,004,h14km,7km,Error ellipse: s-maj=6.1km s-min=5.3km az=32.4

DDA 12 09:30:44.0,3738N:2805E,h9km,MD2.9 ISC 12 09:30:45.0,1.0,3733N:003.2804E,004,h16km,13km,n9,0892/15, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLSB, YER, AYDN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYDN, BDRM, BODT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DALY, MANT, KULA, etc.

Gil 12 09:40:22.3,0.6,3095N:3611E,h0km,ML2.2/1, EXPLOSION, Dead Sea region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJBJ 12 09:03:19.4,0.8,1087N:005.6232W,003,h96km,7km,Error ellipse: s-maj=9.2km s-min=4.7km az=173.9

FUNV 12 09:03:20.9,1086N:6255W,h90km,MD2.9 TRN 12 09:03:23.6,1097N:6207W,h97km,MD3.0

ISC 12 09:20:32.0,0.8,1089N:006.6231W,003,h92km,gkm,n14,01500/28,2C,Near coast of Venezuela

JHE 12 09:16:17.4,4113N:2104E,h15km,ML3.0 ISCJBJ 12 09:16:18.2,0.8,4108N:005.2102E,005,h10km,Error ellipse: s-maj=7.2km s-min=5.1km az=27.1

SKO 12 09:16:18.4,4106N:2102E,h4km,ML1,ML1.5 ISC 12 09:16:17.5,2.6,4108N:006.2100E,007,h19km,17km,n6,0846/12,Northwestern Balkan Peninsula

ISC 12 09:16:17.5,2.6,4108N:006.2100E,007,h19km,17km,n6,0846/12,Northwestern Balkan Peninsula

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

IDC 12 10:20:19.2-1.4, 893S-15879E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/1.5, mbtmp4.0/3, Error ellipse: s-maj=38.1km s-min=23.5km az=9.0, Bougainville - Solomon Islands region

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

NEIC 12 10:23:39.0-1.0, 1796N-14845E, h35km, Error ellipse: s-maj=33.7km s-min=16.6km az=106.0

IDC 12 10:23:33.7-1.5, 1799N-14857E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.8/2.0, mbtmp3.8/7, ML4.3/1, Error ellipse: s-maj=48.3km s-min=22.9km az=89.0, Mariana Islands region

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

ISCJB 12 10:43:54.0-0.5, 3397N-13553E-0.03, h61km, 4km, mb3.6/3, Error ellipse: s-maj=6.8km s-min=4.3km az=162.7

IDC 12 10:43:54.3-1.1, 3396N-13558E, h45km, 16km, mb3.5/3, mb1 3.7/7, mb1mx3.4/2.5, mbtmp3.7/7, ML5.4/4, MS3.1/1, MS1 3.1/1, ms1mx2.6/2.2, Error ellipse: s-maj=14.2km s-min=8.4km az=176.0

NEIC 12 10:43:55.4, 3396N-13551E, h51km, MG3.6(JMA), After JMA

JMA 12 10:43:55.4, 3396N-13551E, h51km, 1km, M3.4 Broadband fault plane solution: P waves. NP1: 0.95, 0.00000, 0.819, 0.00000, -1.173, 0.00000. NP2: 0.954, 0.00000, 0.888, 0.00000, -1.72, 0.00000. Principal axes: T P1g4.0, 0.0000, Azm67.0, 0.0000, N P1g18.0, 0.0000, Azm173.0, 0.0000, P P1g44.0, 0.0000, Azm282.0, 0.0000, JMA Felt 1 J1.

ISC 12 10:43:55.3-0.5, 3397N-13554E-0.03, h52km, 5km, n19, c094832, mb3.6/3, 4C-5D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JWM Minabe, JWY Kouya, JWZ Kozaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHU Hachijo jima, JNU Nakatsu, etc.

IDC 12 11:07:36.4-2.6, 5458S-2411W, h0km, mb4.2/2, mb1 4.3/2, mb1mx3.8/1.5, mbtmp4.2/2, MS4.0/2, Ms1 3.9/2, ms1mx3.1/1.9, Error ellipse: s-maj=90.7km s-min=43.4km az=2.0, 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 PLCA Paso Flores, LPAZ La Paz, etc.

NEIC 12 11:19:57.3-12.0, 719S-12799E, h277km, 30km, mb4.2/1, Error ellipse: s-maj=166.0km s-min=32.4km az=165.0

IDC 12 11:19:00.5-1.7, 736S-12790E, h290km, 70km, mb3.5/1, mb1 3.6/5, mb1mx3.1/1.7, mbtmp3.5/5, Error ellipse: s-maj=68.9km s-min=45.7km az=73.0

ISC 12 11:19:57.0-2.0, 725S-12810E-0.08, h252km, 17km, n7, c1508/11, Banda Sea

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

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

ISK 12 11:37:53.5, 3470N-2762E, h49km, MD3.7

IDC 12 11:37:57.0-1.0, 3533N-2769E, h0km, mb3.8/7, mb1 3.8/10, mb1mx3.7/2.4, mbtmp3.8/10, ML3.8/3, MS2.6/1, Ms1 2.6/1, ms1mx2.1/3.4, Error ellipse: s-maj=23.4km s-min=15.7km az=178.0

ISCJB 12 11:37:58.8-1.3, 3513N-2792E-0.05, h17km, 13km, mb3.9/7, Error ellipse: s-maj=7.1km s-min=4.7km az=174.2

HLW 12 11:37:59.1, 3541N-2788E, h33km, Mb3.5

CSEM 12 11:37:59.1-0.1, 3516N-2785E, h25km, MD3.6, Error ellipse: s-maj=3.0km s-min=1.9km az=70.0

ATH 12 11:38:00.9, 3538N-2778E, h23km, 2km, MD3.6/6

NEIC 12 11:38:00.9, 3538N-2778E, h23km, MD3.6(ATH), After ATH

ISC 12 11:38:00.0-1.1, 3520N-2803E-0.05, h16km, 8km, n41, c190246, mb3.8/7, 3C, Dodecanese Islands

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

TR2 Dakhia 8.42 142 P Pn 11 40 01.5 -0.3

HDK1 Dakhia 8.72 172 P Pn 11 40 20.2 +1.0

MLR Monte Rosu 10.38 353 LR 11 44 30.0 -0.4

GERES GERES Array B 17.17 327 P Pn 11 41 57.9 -1.2

HFS Hagfors 26.59 344 P Pn 11 43 33.9 -3.3

AKT Aktyubinsk 26.64 46 P Pn 11 43 38.9 +1.1

AKTO Aktyubinsk 26.64 46 LR 11 43 38.9 +1.1

TORD Torodi Ar. Bea 32.23 234 P Pn 11 44 27.5 -0.3

ARCES ARCES Array B 34.32 359 P Pn 11 44 42.7 -3.6

ARCAS ARCES Array B 34.32 359 P Pn 11 44 42.7 -3.6

MKAR Makanchi Array 41.93 57 P Pn 11 45 50.0 +0.2

SONM Songoing Array 57.77 51 P Pn 11 47 51.3 +1.0

IDC 12 11:47:24.1-2.1, 2.070S-12361E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.5/1.7, mbtmp3.5/4, Error ellipse: s-maj=188.0km s-min=21.4km az=65.0, Minahassa Peninsula, Sulawesi

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, etc.

ISC 12 11:54:17.9-0.6, 922S-15892E, h0km, mb4.3/11, mb1 4.5/11, mb1mx3.4/1.6, mbtmp4.3/11, MS3.6/6, MS1 3.6/6, ms1mx3.3/2.3, Error ellipse: s-maj=19.3km s-min=16.7km az=18.0

ISCJB 12 11:54:18.0-1.6, 93S-0.1x15893E-0.05, h10km, 10km, mb4.2/13, MS3.7/5, Error ellipse: s-maj=18.7km s-min=8.6km az=1.5

NEIC 12 11:54:19.5-0.4, 920S-15893E, h10km, mb4.6/4, Error ellipse: s-maj=13.5km s-min=10.7km az=173.0

NEIC Felt at Honiara

ISC 12 11:54:20.1-1.7, 93S-0.1x15899E-0.06, h14km, 10km, n27, c1501/23, mb4.2/13, MS3.7/5, Bougainville - Solomon Islands region

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

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

IDC 12 12:56:15.4, 3684N-2303E, h11km, MD3.0(ATH), After ATH

ATH 12 12:56:15.4, 3684N-2303E, h11km, MD3.0/4

ISCJB 12 12:56:16.0-4.0, 3676N-2288E-0.05, h7km, 6km, Error ellipse: s-maj=7.2km s-min=5.6km az=147.2

CSEM 12 12:56:17.2-0.1, 3675N-2288E, h5km, ML3.2, Error ellipse: s-maj=2.7km s-min=1.7km az=56.0

THE 12 12:56:17.6, 3678N-2285E, h8km, ML3.2

ISC 12 12:56:17.0-0.7, 3675N-2287E-0.05, h8km, 6km, n13, c073/17, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SNAE Snae, PLCA Paso Flores, etc.

IDC 12 12:32:49.0-0.7, 816S-15718E, h0km, mb4.1/12, mb1 4.2/13, mb1mx4.2/1.0, mbtmp4.1/13, ML4.3/1, MS3.6/4, Ms1 3.5/4, ms1mx3.2/2.1, Error ellipse: s-maj=22.6km s-min=16.5km az=86.0

NEIC 12 12:32:50.6-0.4, 808S-15718E, h10km, mb4.6/3, Error ellipse: s-maj=10.1km s-min=10.5km az=83.0

ISCJB 12 12:32:52.0-0.4, 816S-15723E-0.06, h33km, mb4.2/15, MS3.5/3, Error ellipse: s-maj=12.0km s-min=7.4km az=25.1

ISC 12 12:32:49.9-3.1, 815S-15722E-0.07, h6km, 19km, n27, c0778/25, mb4.2/15, MS3.5/3, Bougainville - Solomon Islands region

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

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

NEIC 12 12:56:15.4, 3684N-2303E, h11km, MD3.0(ATH), After ATH

ATH 12 12:56:15.4, 3684N-2303E, h11km, MD3.0/4

ISCJB 12 12:56:16.0-4.0, 3676N-2288E-0.05, h7km, 6km, Error ellipse: s-maj=7.2km s-min=5.6km az=147.2

CSEM 12 12:56:17.2-0.1, 3675N-2288E, h5km, ML3.2, Error ellipse: s-maj=2.7km s-min=1.7km az=56.0

THE 12 12:56:17.6, 3678N-2285E, h8km, ML3.2

ISC 12 12:56:17.0-0.7, 3675N-2287E-0.05, h8km, 6km, n13, c073/17, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VLI Velia, KYTH Kithira, etc.

ISCJB 12 13:24:37.0-0.4, 2600N-007.12549E-0.06, h127km, 6km, mb3.7/8, Error ellipse: s-maj=14.4km s-min=4.2km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like Miyako jima 2, Kume jima 2, Gusukube, Tarama, Ishigaki jima, Kuro-shima, Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like GNBUR Guniib, GNBUR Guniib, GNBUR Guniib, GNBUR Guniib, GNBUR Guniib, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like CMIG 26nm,0.3s, VMO Vista Hermosa, VHO Vito, BCIP Isla Barro Col, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like CSEM 12 13:28:43.9,0.2, 3835N,3926E, h5km, MD2.7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like IDC 12 14:21:44.8,1.6, 824S,15564E, h0km, mb3.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like PLAL Pickwick Lake, PLAL Pickwick Lake, PLAL Pickwick Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like SVRC Svirice-ELAZID, ELZG Elazig, PTK Pertek, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like UALR University of, JSC Jonksville, ATAH Atahualpa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like MLSB Milas, YER Yerkesik, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like TGUH Tegucigalpa, TEUH Telica 3, TEL3 Telica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like WMOK Wichita Mountain, SIUC Southern Iliin, SIUC Southern Iliin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like DBC Dubki, DBC Dubki, DBC Dubki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for stations like WUAZ Wupatki, WUAZ Wupatki, WUAZ Wupatki, etc.

X14A	Yava	30.74 318	↑P	P	14 51 03.0 +0.9
SMCO	Snowmass	30.75 331	eP	P	14 51 02.3 +0.2
SMCO	9.0nm,0.8s,mb4.5		e	pP	14 51 17.4 -1.2
Y13A	Salome	30.97 316	↑P	P	14 51 04.9 +0.7
V15A	Kaibab Nationa	31.14 321	↑P	P	14 51 07.1 +1.5
S18A	Hurst Farm, BI	31.16 326	P	P	14 51 07.3 +1.5
R19A	Curley Farm, L	31.21 327	↑P	P	14 51 06.9 +0.7
GLA	Glamis	31.23 314	↑P	P	14 51 06.8 +0.4
W14A	Seligman	31.33 319	↑P	P	14 51 07.8 +0.5
ECSD	EROS,Stoux Fal	31.38 349	eP	P	14 51 05.3 -2.3
ECSD	3.0nm,0.4s,mb4.4		e	pP	14 51 21.8 -2.3
X13A	Yucca	31.43 317	↑P	P	14 51 09.2 +1.0
PDMOI	Parker Dam,Lak	31.47 317	↑P	P	14 51 09.3 +0.9
V14A	Boquillas Ranc	31.61 320	↑P	P	14 51 10.5 +0.8
R18A	Canyonlands Na	31.62 327	↑P	P	14 51 10.3 +0.6
U15A	North Rim	31.62 322	↑P	P	14 51 10.2 +0.5
W13A	Hualapai Mount	31.78 318	↑P	P	14 51 12.8 +1.6
BC3	Big Chuckw Mtn	32.00 314	↑P	P	14 51 14.0 +0.9
U14A	Mt Trumbull	32.15 321	↑P	P	14 51 15.1 +0.7
MONP	Monument Peak	32.27 312	↑P	P	14 51 16.6 +1.0
V13A	Grand Canyon W	32.30 319	↑P	P	14 51 16.9 +1.1
SRU	San Rafael	32.48 327	eP	P	14 51 17.8 +0.5
SRU	6.9nm,0.9s,mb4.4		e	pP	14 51 33.0 -0.8
S15A	Panguitch	32.49 323	↑P	P	14 51 18.4 +1.0
LDFC	Landfair	32.57 317	eP	P	14 51 18.7 +0.6
LDFC	4.5nm,0.6s,mb4.5		e	pP	14 51 38.6 +3.9
U13A	Pakoon Wash	32.64 320	↑P	P	14 51 19.5 +0.8
PFO	Pinoy Flat Ob	32.67 314	LR	LR	15 06 08.3
GMRC	Granite Mounta	32.77 316	↑P	P	14 51 20.8 +0.9
V12A	Nelson	32.78 318	↑P	P	14 51 20.7 +0.7
RWWY	Rawlins	32.88 334	eP	P	14 51 20.5 -0.3
RWWY	14nm,0.8s,mb4.8		e	pP	14 51 36.5 -0.8
MSU	Marysval	32.96 325	eP	P	14 51 24.5 +3.0
MSU	2.7nm,0.8s,mb4.9		e	pP	14 51 38.3 +0.3
COWI	Conover	32.96 359	eP	P	14 51 18.9 -2.5
COWI	11nm,0.6s,mb4.9		e	pP	14 51 34.0 -3.9
MVU	Marysval	32.97 325	eP	P	14 51 21.8 +0.2
MVU	2.7nm,0.8s,mb4.1		e	pP	14 51 36.1 -2.1
U12A	Valley of Fire	33.01 319	↑P	P	14 51 23.8 +1.9
S13A	Holt Ranch, En	33.32 322	↑P	P	14 51 26.2 +1.5
LONV	Lake Ozonia	33.35 18	eP	P	14 51 24.0 -3.3
LONV	15nm,0.8s,mb4.9		e	pP	14 51 41.8 -2.2
RSSD	Black Hills	33.73 340	eP	P	14 51 27.9 -0.2
R13A	O'Grain Ranch,	33.77 322	↑P	P	14 51 30.1 +1.5
DAU	Daniels Canyon	33.82 328	eP	P	14 51 30.0 +1.1
DAU	14 51 44.4 -1.1		e	pP	14 51 30.7 +0.9
Q14A	Sevier Lake (B	33.91 324	↑P	P	14 51 33.0 +1.0
R12A	Drum Mountains	34.21 325	↑P	P	14 51 33.3 +0.6
P14A	Pony Springs,	34.25 322	↑P	P	14 51 33.4 +0.6
Q13A	Wheeler Ranch,	34.32 323	↑P	P	14 51 33.9 +0.7
TPNV	Topopah Spring	34.42 319	eP	P	14 51 34.5 +0.3
TPNV	2.3nm,0.7s,mb4.1		e	pP	14 51 35.1 +0.9
DUG	Dugway	34.49 326	eP	P	14 51 33.5 -1.2
DUG	5.1nm,1.0s,mb4.3		e	pP	14 51 51.3 -0.1
S11A	Rachel	34.52 320	↑P	P	14 51 36.0 +0.9
P13A	Gates Ranch, G	34.65 324	↑P	P	14 51 37.0 +0.8
MPMC	Manual Prospec	34.72 316	↑P	P	14 51 37.6 +0.8
R11A	Troy Canyon, C	34.86 321	↑P	P	14 51 38.5 +0.6
EYMN	Ely	34.90 356	eP	P	14 51 35.4 -2.7
EYMN	8.5nm,0.5s,mb4.8		e	pP	14 51 52.0 -2.8
BGU	Big Grassy Mou	35.12 327	eP	P	14 51 41.2 +1.0
N14A	Grayback Hills	35.15 327	↑P	P	14 51 56.3 -0.6
GRAC	Grapevine Rang	35.17 318	↑P	P	14 51 41.3 +0.6
P12A	McGill	35.18 323	↑P	P	14 51 40.8 +0.1
S10A	Tonopah Range,	35.22 320	↑P	P	14 51 41.6 +0.5
LPAZ	La Paz	35.41 145	eP	P	14 51 41.7 -1.2
LPAZ	2.4nm,0.7s,mb4.2		e	pP	14 51 42.0 -0.8
S09A	Goldfield	35.50 319	↑P	P	14 51 43.6 +0.1
AHID	Auburn Hatcher	35.50 331	eP	P	14 51 43.4 0.0
O12A	Currie	35.61 324	↑P	P	14 51 44.9 +0.5
AGMN	Agassiz Refuge	35.69 352	eP	P	14 51 43.0 -2.0
AGMN	45nm,1.1s,mb5.3		e	pP	14 51 59.9 -1.8
IM14A	Sheep Mountain	35.70 327	P	P	14 51 44.9 -0.2
N13A	Wendover, West	35.71 326	↑P	P	14 51 45.3 +0.1
R09A	Tonopah	35.71 320	↑P	P	14 51 45.7 +0.4
REDW	Red Top Meadow	35.85 332	eP	P	14 51 46.1 -0.3
REDW	73nm,1.0s,mb5.6		e	pP	14 52 02.8 -0.2
LOHW	Long Hollow	35.93 332	eP	P	14 51 46.8 -0.3
LOHW	16nm,0.7s,mb5.1		e	pP	14 52 02.8 -1.0
S08C	White Mtn Res	35.98 318	↑P	P	14 51 48.1 +0.5
TPAW	Teton Pass	35.99 332	eP	P	14 51 47.5 -0.1
TPAW	20nm,0.7s,mb5.2		e	pP	14 52 04.4 +0.1
M13A	Montello	36.04 326	↑P	P	14 51 48.1 +0.1
HELL	Mitchell Peak	36.10 316	↑P	P	14 51 48.3 -0.3
MOOV	Moose Ponds	36.10 332	eP	P	14 51 48.2 -0.3
MOOV	11nm,0.7s,mb4.9		e	pP	14 52 04.4 -0.8
N12A	Clover Valley,	36.17 325	↑P	P	14 51 49.4 -0.3
ELK	Elko	36.21 325	eP	P	14 51 48.5 -1.0
ELK	2.5nm,0.8s,mb4.2		e	pP	14 52 06.1 -0.2
IMW	Indian Meadow	36.30 332	eP	P	14 51 49.6 -0.6
IMW	8.9nm,0.6s,mb4.9		e	pP	14 54 12.2 -1.6
FLWY	Flang Ranch	36.34 333	eP	P	14 51 50.4 -1.1
FLWY	19nm,0.8s,mb5.1		e	pP	14 52 06.2 -1.1
K14A	Jones Ranch, D	36.36 329	P	P	14 51 51.0 +0.2
RLMT	Red Lodge	36.55 335	eP	P	14 51 51.6 -0.7

RLMT	12nm,0.7s,mb4.9		e	pP	14 52 08.2 -0.9
LKWY	Lake	36.58 333	e	pP	14 51 52.8 +0.2
LKWY	4.2nm,0.7s,mb4.2		e	pP	14 52 09.4 +0.1
NVAR	Mina Array Bea	36.60 319	eP	P	14 51 53.6 +0.7
NVAR	4.4nm,0.7s,mb4.2,baz=137,slow=6.6,SNR=22		ScP	ScP	14 57 55.3 -0.4
YFT	Old Faithful	36.69 333	eP	P	14 51 53.1 -0.4
YFT	1.1nm,0.7s,mb4.2		e	pP	14 51 54.4 -0.2
YNR	Norris Junctio	36.83 333	eP	P	14 51 56.6 +0.6
O09A	Fish Creek Ran	36.97 322	P	P	14 51 57.3 -0.2
U04C	Hernandez Rese	37.14 314	↑P	P	14 51 58.0 +0.5
BMN	Battle Mountai	37.15 323	eP	P	14 51 58.5 +0.3
BMN	5.8nm,0.8s,mb4.6		e	pP	14 52 14.9 -0.1
QLMT	Earthquake Lak	37.25 333	eP	P	14 52 14.3 -0.8
QLMT	3.7nm,0.7s,mb4.2		e	pP	14 51 58.5 -0.2
GCMT	Greycliff	37.26 335	eP	P	14 51 58.6 -0.2
GCMT	4.3nm,0.7s,mb4.5		e	pP	14 51 59.0 -2.2
V03C	Hunter Liggett	37.28 314	↑P	P	14 51 58.6 -0.2
S06C	San Francisco	37.30 317	↑P	P	14 51 59.4 -0.2
R06C	Colville	37.40 318	↑P	P	14 51 58.9 -0.2
L11A	Cat Creek Ranc	37.45 326	↑P	P	14 52 00.3 +0.3
J13A	Cove Ranch, Pi	37.48 329	↑P	P	14 52 00.5 +0.2
N09A	Rock Creek Ran	37.60 323	↑P	P	14 52 01.3 0.0
ULM	Lac du Bonnet	37.60 352	eP	P	14 51 58.6 -2.6
ULM	25nm,0.8s,mb5.1		e	pP	14 52 14.5 -3.5
ULM	Lac du Bonnet	37.60 352	eP	P	14 51 59.0 -2.2
ULM	12nm,0.6s,mb4.9,baz=165,slow=9.8,SNR=13		LR	LR	15 08 55.5
DGMT	Dagmar	37.66 343	eP	P	14 52 01.1 -0.6
DGMT	43nm,0.5s,mb5.5		e	pP	14 52 17.8 -0.7
HLMT	Hailey	37.72 329	eP	P	14 52 01.6 -0.7
HLMT	3.1nm,0.7s,mb4.2		e	pP	14 52 02.6 +0.3
HLID	Hailey	37.72 329	↑P	P	14 52 02.4 -0.1
CMB	Columbia Cole	37.74 317	↑P	P	14 52 03.8 +0.6
I13A	Wildhorse Cree	37.83 329	P	P	14 52 04.2 +0.5
MCMT	McKenzie Canyo	37.89 331	eP	P	14 52 03.6 -0.3
R05C	Kirkwood Meado	37.90 318	↑P	P	14 52 03.9 -0.5
BOZ	Bozeman (W)	37.97 333	eP	P	14 52 20.4 -0.7
BOZ	5.6nm,0.6s,mb4.6		e	pP	14 52 04.5 +0.2
G15A	Dillon	37.98 332	P	P	14 52 05.0 +0.6
G15A	baz=38,SNR=14		e	pP	14 52 04.2 -0.4
O07A	Toulon	37.99 321	↑P	P	14 52 06.1 -0.1
DLMT	Dillon	38.18 332	eP	P	14 52 07.7 +0.1
DLMT	30nm,1.3s,mb5.0		e	pP	14 52 07.8 +0.1
MFID	Caras Ranch	38.35 327	↑P	P	14 52 08.2 -0.2
H13A	Challis	38.37 330	P	P	14 52 09.2 +0.3
G14A	Jackson	38.49 331	↑P	P	14 52 09.5 -0.1
F15A	Butte	38.50 333	P	P	14 52 10.7 -0.1
O06A	Flanigan	38.58 320	↑P	P	14 52 11.0 0.0
G13A	Cobalt	38.74 331	P	P	14 52 11.9 0.0
I11A	Placerville	38.76 328	↑P	P	14 52 11.9 0.0
F14A	Wisdom	38.88 332	P	P	14 52 11.8 -0.3
HRY	Holter Researc	38.90 334	eP	P	14 52 12.5 +0.3
K09A	Rome	38.90 325	P	P	14 52 12.0 -0.3
M07A	Soldier Meadow	38.92 322	↑P	P	14 52 11.9 -0.5
L08A	Fields	38.92 324	P	P	14 52 13.1 0.0
E15A	Lodge	39.02 333	P	P	14 52 13.7 -0.4
EGMT	Engleton,	39.13 337	eP	P	14 52 30.3 -0.6
EGMT	35nm,0.7s,mb5.3		e	pP	14 52 14.0 -0.1
WVOR	Wild Horse Val	39.24 324	eP	P	14 52 14.8 -0.7
F13A	Darby	39.31 331	P	P	14 52 15.5 -0.3
J09A	Fry Pan Ranch,	39.34 326	↑P	P	14 52 15.7 -0.2
K08A	Mann Creek Ran	39.34 324	P	P	14 52 16.2 -0.1
L07A	Adell	39.39 323	P	P	14 52 16.6 +0.2
ELFS	Eagle Lake Fie	39.40 330	↑P	P	14 52 16.6 -0.2
D15A	Lincoln	39.45 324	P	P	14 52 17.7 -0.6
H10A	Noah's Angus R	39.64 328	↑P	P	14 52 17.6 -0.9
CHMT	Chamberlain Mo	39.67 333	eP	P	14 52 18.4 -0.6
F12A	Elk City	39.72 330	P	P	14 52 18.7 -0.3
E13A	Victor	39.73 332	P	P	14 52 18.7 -0.6
J09A	Lost Marbles R	39.74 326	↑P	P	14 52 19.1 -0.2
K07A	Rock Creek Ran	39.75 324	P	P	14 52 19.7 -0.8
M0D	Modoc	39.89 322	↑P	P	14 52 19.6 -0.9
D14A	Greenough	39.91 333	P	P	14 52 19.9 -0.7
MSO	Missoula	39.91 333	eP	P	14 52 36.6 -0.8
MSO	10nm,1.1s,mb4.6		e	pP	14 52 21.0 0.0
G11A	Walters Elk Ra	39.96 329	↑P	P	14 52 22.8 +0.2
GASB	Alder Springs	40.14 318	↑P	P	14 52 23.0 0.0
F11A	Grangeville	40.25 330	↑P	P	14 52 21.5 -2.4
LVC	Limon Verde	40.28 151	P	P	14 52 21.8 -2.1
LVC	18nm,1.3s,mb4.7		e	pP	14 52 23.7 -0.4
D13A	Huson	40.34 332	↑P	P	14 52 25.9 -1.4
D13A	baz=40,SNR=11		e	pP	14 52 25.9 -0.8
E11A	Bogner Ranch,	40.61 330	P	P	14 52 27.0 -0.6
G09A	Cove	40.65 328	↑P	P	14 52 27.5 -0.2
M04C	Macdoel	40.75 321	↑P	P	14 52 28.0 -0.2
I07A	Izee	40.78 325	↑P	P	14 52 27.4 -0.9
C13A	Hot Springs	40.83 333	↑P	P	14 52 30.4 -0.4
F10A	Beach Ranch, E	40.84 329	P	P	14 52 31.0 -0.8
H07A	Lands Inn, Kim	41.14 326	↑P	P	14 52 31.9 -0.1
YBH	Yreka Blue Hor	41.26 320	↑P	P	14 52 33.9 -0.8
B13A	Whitefish	41.31 334	P	P	14 52 33.9 -0.8
D10A	Wagner Farm, O	41.63 330	↑P	P	14 52 34.9 -0.2
E09A	Wood Farm, Sta	41.68 329	↑P	P	14 52 35.3 -0.1
A13A	Flathed Natio	41.72 334	↑P	P	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSNA, GRA1, GRFB, etc.

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

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

NEIC 12 15:59:40.1, 1843N-6607W, h119km, MD3.5(FSPR), After RSPR.

RSPR 12 15:59:40.1, 1843N-6607W, h119km, MD3.5/17, MD3.5/17, 6C-10D, Puerto Rico region

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

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

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

IDC 12 16:08:58.6:37.0, 2226S-17492W, h340km, 113km, mb3.3/4, mb1 3.4/4, mb1mx3.1/17, mbtms3.3/4, Error ellipse: s-maj=486.7km s-min=122.0km az=75.0, Tonga Islands region

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

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

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

DJA 12 16:29:57, 2205x:10071E, h32km, ML3.9/3 IDC 12 16:29:51.1, 3.6, 159S-10163E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/18, mbtms3.5/5, Error ellipse: s-maj=161.2km s-min=21.4km az=57.0, Southern Sumatara

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

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

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

ISCJB 12 16:53:19.3:2.0, 114N-004-12638E, 008, h15km, 14km, mb4.6/40, MS4.0/7, Error ellipse: s-maj=14.6km s-min=6.5km az=164.0

IDC 12 16:53:25.4:2.4, 109N-12641E, h47km, 23km, mb4.1/14, mb1 4.2/16, mb1mx4.2/21, mbtms4.1/16, ML4.2/2, MS3.6/3, Ms1 3.7/3, ms1mx3.2/33, Error ellipse: s-maj=22.8km s-min=8.7km az=78.0

NEIC 12 16:53:26.4:1.1, 106N-12633E, h60km, 11km, mb4.7/22, Error ellipse: s-maj=12.6km s-min=5.6km az=73.0

BUI 12 16:53:26.4, 110N-12630E, h59km, 9km, 1, mb4.7, Ms5.0, DJA 12 16:53:27.0:81N-12618E, h33km, ML4.7/2

ISC 12 16:53:29.9:1.1, 104N-004-12641E, 008, h50km, 10km, h67km, 4.3km, pp-P, pP, nP, eP, f15619S, mb4.6/40, MS4.0/7, 1C, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YAK, MA2, TKM2, etc.

ISCJB 12 17:13:05.7:2.4, 235S-02-1798W, 02, h472km, 38km, mb3.8/8, Error ellipse: s-maj=32.0km s-min=17.9km az=143.8

NEIC 12 17:13:07.0:1.2, 235S-17973W, h477km, 21km, mb4.3/4, Error ellipse: s-maj=21.3km s-min=12.0km az=142.0

IDC 12 17:13:08.2:9.2, 2362S-17976W, h490km, 115km, mb3.4/6, mb1 3.5/7, mb1mx3.2/17, mbtms3.4/7, Error ellipse: s-maj=81.5km s-min=30.2km az=5.0

ISC 12 17:13:06.9:1.7, 236S-02-1798W, 02, h474km, 30km, n11, 0:49/11, mb3.8/8, South of Fiji Islands

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

ASAR Alice Springs 42.32 260 P P 17 20 18.1 -0.1
WRAB Tennant Creek 46.25 266 eP P 17 20 20.1 -0.8
WRA Warramunga Arr 42.66 266 P P 17 20 20.5 -0.5
FITZ Fitzroy Crossi 51.09 265 P P 17 21 24.7 -0.2
TXAR Lajlajis Array 90.05 58 P P 17 25 15.8 +0.3

IDC 12 17:17:11.4:3.6,619S:-14779E,h0km,mb3.7/2,mb1 4.0/3,mb1mx3.5/16,mbtpp3.7/3,ML3.9/1,MS4.0/2,Ms1 4.0/2,ms1mx2.9/26,Error ellipse: s-maj=112.0km

Code Station Name Az AzZ Phase ID Time Res
WRA Warramunga Arr 18.91 222 P Pn 17 21 33.6 -0.8
ASAR Alice Springs 21.92 216 P P 17 22 06.6 +0.2
BATI Baumungarra 24.21 259 LR LR 17 21 09.0
FITZ Fitzroy Crossi 24.64 239 P P 17 22 33.5 -0.3
RPZ Rata Peaks 42.60 155 LR LR 17 39 39.4
TORD Torodi Ar. Bea 145.90 284 PKPbc PKPbc 17 36 53.5 -0.4

IDC 12 17:21:14.5:0.8,3460N:8074E,h0km,mb3.8/9,mb1 4.0/2,mb1mx3.9/25,mbtpp3.8/12,ML3.4/3,MS3.2/2,Ms1 3.3/2,ms1mx2.8/33,Error ellipse: s-maj=27.6km

ISCJB 12 17:21:15.0:0.3,3461N:8082E,0.04,h10km,mb4.0/15,MS3.4/3,Error ellipse: s-maj=5.4km

NEIC 12 17:21:16.2:0.5,3457N:8073E,h10km,mb4.0/5,Error ellipse: s-maj=11.4km s-min=7.2km az=46.0

ISC 12 17:21:17.0:0.3,3463N:8076E,0.04,h10km,n48,c157/53,mb4.0/15,MS3.4/3,Xiangang

Code Station Name Az AzZ Phase ID Time Res
KLP Kalpa 3.73 215 ex Sx 17 25 57.7 +0.9
JOSI Joshimath 4.14 194 eS Sx 17 23 11.0 +1.2
SMLA Simla 4.61 222 iS Sx 17 23 30.5 +3.8
SMLA Simla 4.61 222 iS Sx 17 23 22.8 +2.5
THN Thein Dam 4.74 244 eP Pn 17 22 30.7 +2.2
DDI Dehra Dun 4.86 209 eP Pn 17 22 33.0 +2.9
DDI Dehra Dun 4.86 209 eP Pn 17 23 29.1 +1.8
KKR Kurukshetra 5.72 217 ex Sg 17 23 48.4 +0.7

KSH Kashi 6.20 323 P Pn 17 22 52.7 +4.2
KSH Kashi 6.20 323 P Smax 17 24 08.3 +8.9

KSH comp=N,973nm,1.1s Smax
KSH comp=E,424nm,0.9s Smax

RTK Rohiak 6.69 215 eS Sx 17 24 09.8 -1.7
AYAN Aya Nagar 7.09 207 eS Sx 17 24 19.6 -1.8
SONA Sohana 9.03 329 ePn Pn 17 23 29.1 +1.8
TKM2 Tokmak 2 9.21 336 ePn Pn 17 23 32.4 +2.7
AML Almayshu 9.32 326 ePn Pn 17 23 31.3 +0.1
KBL Kabul 9.66 273 ePn Pn 17 23 34.2 -1.8

KBL Kabul 9.66 273 ePn Pn 17 23 34.2 -1.8
KBL Kabul 9.66 273 ePn Pn 17 25 07.1 -1.8
AJM Ajmer 9.68 215 ex Sx 17 23 36.0 -0.3
LSA Lhasa 10.09 116 P Pn 17 23 45.0 +3.2
WMQ Urumqi 10.64 28 eP Pn 17 23 52.8 +3.5
WMQ Urumqi 10.64 28 eP Pn 17 25 51.4 +2.9

WMQ comp=N,137nm,20.0s LR LR
WMQ comp=E,243nm,22.0s LR LR
MK31 Makanchi Array 12.21 5 ePn Pn 17 24 06.7 -4.1
MKAR Makanchi Array 12.21 5 Pn Pn 17 24 09.7 -1.1
KURK Kurchatov 15.16 355 ePn Pn 17 25 05.8 +1.8
LZH Lanzhou 18.89 79 eP Pn 17 25 38.8 +0.8

LZH Lanzhou 18.89 79 eP Pn 17 25 42.5 +2.2
LZH Lanzhou 18.89 79 eP Pn 17 25 47.9 +6.3
LZH Lanzhou 18.89 79 eP Pn 17 25 55.4
LZH comp=N,23nm,1.1s AMB AMB
LZH comp=N,534nm,10.2s LR LR
LZH comp=N,779nm,4.3s LR LR
LZH comp=N,789nm,14.7s LR LR

ZALV Zalesovo Beam 19.53 7 P Pn 17 25 43.4 -2.2
CD2 Chengdu 19.69 94 eP Pn 17 25 48.6 +0.9
CD2 Chengdu 19.69 94 eP Pn 17 25 55.6 +5.2
CD2 Chengdu 19.69 94 eP Pn 17 26 07.3 -1.0
CD2 Chengdu 19.69 94 eP Pn 17 29 25.6 -3.2
CD2 Chengdu 19.69 94 eP Pn 17 29 53.2 -1.0

CD2 Chengdu 19.69 94 eP Pn 17 29 53.2 -1.0
CD2 comp=N,20nm,4.2s AMB AMB
CD2 comp=N,890nm,7.2s LR LR
CD2 comp=N,21m,7.2s LR LR
BVAR Borovoye Array 19.82 341 P Pn 17 25 47.7 -1.4
BRVK Borovoye 19.87 341 eP Pn 17 25 47.5 -2.2

KMI Kunming 21.25 111 P AMB AMB
CHTO Chiang Mai 22.57 130 P P 17 26 16.5 -0.9
CM31 Chiang Mai Arr 22.83 130 eP P 17 26 23.8 +3.6
CMAR Chiang Mai Arr 22.83 130 P P 17 26 20.4 +0.2

AKTK Aktyubinsk 22.89 321 P P 17 26 19.7 -0.9
AKTO Aktyubinsk 22.89 321 P P 17 26 19.7 -0.9
SONM Songino Array 23.44 48 P P 17 26 24.1 -0.2
GYA Gulyang 23.71 103 P P 17 26 31.8 +2.6

GNI Garni 29.01 292 LR LR 17 41 12.3
TATO Taipei 36.42 94 P P 17 28 21.9 0.0
GVD Gavdhos 46.02 287 P P 17 28 42.6 +2.0
GERES GERESS Array B 50.43 308 P P 17 30 14.1 -0.4

NB2 NORSAR Subarra 50.62 324 P P 17 30 15.0 -0.8
NOA NORSAR Array B 50.62 324 P P 17 30 15.0 -0.7
NOA NORSAR Array B 50.62 324 P P 17 30 15.0 -0.7

TORD Torodi Ar. Bea 73.72 275 P P 17 32 50.2 -1.3
WRA Warramunga Arr 74.41 128 P P 17 32 53.9 -1.3
ASAR Alice Springs 76.84 191 P P 17 33 08.3 -0.8

YKA Yellowknife Ar 82.43 7 P P 17 33 37.5 -1.5
YKA Yellowknife Ar 82.43 7 P P 17 33 37.5 -1.5
LPAZ La Paz 146.89 295 PKPbc PKPbc 17 40 59.7 +0.2

NEIC 12 17:28:12.1,1541N:9614W,h3km,MD4.2(MEX),After MEX.
MEX 12 17:28:12.2:0.7,1541N:9615W,h3km,6km,MD4.4,Near coast of Oaxaca

Code Station Name Az AzZ Phase ID Time Res
HUIG Huatulco 0.36 6 iP Pn 17 28 18.6 +0.6
VHO Vista Hermosa 1.75 341 iP Sg 17 28 40.1 -3.3
OAXA Oaxaca 1.75 342 iP Sg 17 29 01.2 -5.0
OAXA Oaxaca 1.75 342 iP Sg 17 29 05.0 -4.3
CMIG Matias Romero 2.07 36 eP Pn 17 28 44.4 -3.4
CMIG Matias Romero 2.07 36 eP Pn 17 29 09.3 -4.7
TGIG Tehuacan 3.21 64 eP Pn 17 29 39.0 -3.2
TPIG Tehuacan 3.21 339 iP Pn 17 29 05.0 -4.2
SCX San Cristobal 3.62 68 eP Pn 17 29 12.5 -0.6
ACX Acapulco 3.91 292 eP Pn 17 29 57.5 -1.9
CCIG Comitán 3.95 77 iP Sx 17 29 12.5 -1.2
CCIG Comitán 3.95 77 iP Sx 17 29 56.8 -3.8

IDC 12 17:31:37.0:10.0,3613N:7121E,h146km,101km,mb3.1/5,mb1 3.1/8,mb1mx3.0/25,mbtpp3.0/8,Error ellipse: s-maj=55.6km s-min=24.5km az=21.0

ISCJB 12 17:31:43.0:0.7,3648N:006:712E:0.1,h214km,8km,mb3.2/5,Error ellipse: s-maj=13.7km s-min=8.7km

NEIC 12 17:31:43.1:0.7,3637N:7130E,h205km,7km,mb4.2/5,Error ellipse: s-maj=14.5km s-min=8.4km az=124.0

ISC 12 17:31:43.8:0.7,3644N:006:713E:0.1,h206km,8km,n31,c094/36,mb3.2/5,1C-2D,Atfingtan-Tajikistan border region

Code Station Name Az AzZ Phase ID Time Res
KBL Kabul 2.64 225 ePn Pn 17 32 29.1 -0.6
KBL Kabul 2.64 225 ePn Pn 17 32 51.1 -1.4
THN Thein Dam 5.41 136 eP Pn 17 33 04.3 +0.7
AML Almayshu 5.98 17 ePn Pn 17 33 10.8 0.0

AML Almayshu 5.98 17 ePn Pn 17 33 15.9 -4.0
UCH Uchtor 6.30 22 ePn Pn 17 33 15.1 +0.2
UCH Uchtor 6.30 22 ePn Pn 17 34 25.2 -2.0
UCH Uchtor 6.30 22 ePn Pn 17 33 15.4 +0.5
KZA Kyzart 6.41 27 P Pn 17 33 16.7 +0.3
EK2S Erkin-Say 6.51 16 ePn Pn 17 33 17.9 +0.3

EK2S Erkin-Say 6.51 16 ePn Pn 17 34 28.7 -3.3
EKS2 Erkin-Say 6.51 16 P Pn 17 33 17.8 +0.2
AAK Ala-Archa 6.66 21 P Pn 17 33 20.2 +0.6
KK31 Karatay Array 6.69 355 P Pn 17 33 19.0 -0.9

KBK Karagaybulak 6.82 23 P Pn 17 33 23.1 +1.4
CHMS Chumysh 7.07 21 P Pn 17 33 25.2 +0.3
USP Oshpovka 7.25 19 P Pn 17 33 26.9 -0.3
TKM2 Tokmak 2 7.27 26 iP Pn 17 33 28.0 +0.4
TKM2 Tokmak 2 7.27 26 ePn Pn 17 33 28.1 +0.5
TKM2 Tokmak 2 7.27 26 P Pn 17 33 28.2 +0.7

MKAR Makanchi Array 13.20 35 P Pn 17 34 42.0 -1.4
MK31 Makanchi Array 13.20 35 Pn Pn 17 34 43.7 +0.3
AB31 Akbulak array 15.25 31 P Pn 17 35 10.2 +1.5
BVAR Borovoye Array 16.60 358 P P 17 35 24.8 +1.1
AKTK Aktyubinsk 16.96 330 P P 17 35 27.9 +0.1
AKTO Aktyubinsk 16.96 330 P P 17 35 27.7 +0.1
AKTO Aktyubinsk 16.96 330 P P 17 35 27.9 +0.3

ZALV Zalesovo Beam 19.86 24 P P 17 35 60.0 +0.8
ARCES ARCESS Array B 41.30 338 P P 17 39 09.3 +0.7
ARCES ARCESS Array B 41.30 338 P P 17 39 09.3 +0.7
ESLA Sonesca Array 57.70 298 P P 17 41 11.3 -1.5
TORD Torodi Ar. Bea 65.96 269 P P 17 42 07.2 -1.0
WRA Warramunga Arr 81.75 122 P P 17 43 38.8 -0.8

ASAR Alice Springs 84.02 125 P P 17 43 51.0 -0.2
CASC 12 17:40:56.5:2.6,893N:8292W,h13km,10km,MD4.0,7C-3D, Panama-Costa Rica border region

Code Station Name Az AzZ Phase ID Time Res
CTCR Cotoan 0.16 103 iP Pn 17 41 00.2 -0.1
BRU2 Volcan 0.26 122 iP Pn 17 41 01.9 -0.1
BRU2 Volcan 0.26 122 iP Pn 17 41 09.3 +3.7
TBS2 TBS2 0.29 118 iP Pn 17 41 02.3 -0.2
TBS2 TBS2 0.29 118 iP Pn 17 41 06.8 +0.2

SJS Puriscal 1.73 307 eS Sx 17 41 44.1 +1.4
PR31 Cerro Gallo 2 1.87 305 eP Sx 17 41 25.9 -0.4
PR31 Cerro Gallo 2 1.87 305 eP Sx 17 41 46.3 -2.0
CGA2 Cerro Gallo 2 1.87 305 eP Sx 17 41 42.8 +0.1

Jicaral 2.35 293 eS Sx 17 41 52.5 +0.7
AZU Azuero 2.85 293 eP Sx 17 41 42.8 +1.1
VCR Vista de Mar 2.93 294 eP Pn 17 41 42.7 -0.2
PTP Ponta Puerca 19.17 59 iP S 17 41 10.2

ISCJB 12 17:41:25.7:0.8,3933N:002:2011E,0.07,h10km,Error ellipse: s-maj=7.4km s-min=3.5km az=4.0
CSEM 12 17:41:25.4:0.2,3937N:2006E,h2km,ML3.3,Error ellipse: s-maj=6.0km s-min=2.5km az=89.0

THE 12 17:41:25.6,3934N:2008E,h10km,ML3.3
ATH 12 17:41:26.1,3932N:2024E,h10km,MD3.3
ISC 12 17:41:25.9:0.9,3935N:003:2011E,0.07,h1km,9km,n13,c1916/22,Greece-Albania border region

Code Station Name Az AzZ Phase ID Time Res
IGT Igoumenitsa 0.25 43 eP Sg 17 41 33.0 -0.5
IGT Igoumenitsa 0.25 43 eP Sg 17 41 30.9 -0.1
KEK Kerkira 0.43 327 eP Sg 17 41 36.1 +1.8
KEK Kerkira 0.43 327 eP Sg 17 41 46.6 +6.1
JAN Janina 0.65 62 eP Sg 17 41 37.0 -1.4
LKD Levkas 0.77 147 eP Sg 17 41 39.4 -1.2
LKD Levkas 0.77 147 eP Sg 17 41 52.3 +1.7
MEV Metsovon 0.97 63 eP Sg 17 41 43.6 -0.9

CASC 12 17:44:59.8:2.4,889N:8298W,h8km,5km,MD4.0,2C-2D, Panama-Costa Rica border region

Code Station Name Az AzZ Phase ID Time Res
BRU2 Volcan 0.30 109 iP Pn 17 45 06.3 +0.7
TBS2 TBS2 0.33 107 eP Sg 17 45 11.7 +2.2
BARI BARI 0.48 317 eP Pn 17 45 10.3 +1.3
CNI Changuinola 0.69 41 iP Pn 17 45 14.3 +1.2
BUS Buena Vista 1.01 311 eP Sg 17 45 19.7 +0.4
LIO Limon 1.11 357 eP Sg 17 45 21.7 +0.1
QCR Quepos 1.29 294 eP Sg 17 45 23.8 -0.7
QCR Quepos 1.29 294 eP Sg 17 45 41.5 +0.3
SJS Escuela Geolog 1.49 314 eP Sg 17 45 26.7 -1.1
SJS Escuela Geolog 1.49 314 eP Sg 17 45 49.0 +1.4
Puriscal 1.70 310 eS Sx 17 45 30.5 +0.6
CGA2 Cerro Gallo 2 1.84 307 eP Sx 17 45 33.1 +0.4
AZU Azuero 2.89 112 eP Sx 17 45 50.4 +3.2
AZU Azuero 2.89 112 eP Sx 17 46 27.1 +4.4
BCIP Isla Barro Coa 3.11 85 eP Pn 17 45 50.8 +0.6
PTP Ponta Puerca 19.25 59 eP S 17 45 13.7

ROM 12 17:48:28.4:0.7,4662N:1325E,h2km,MD2.6/3,M2.1/2,Error ellipse: s-maj=10.3km s-min=3.2km az=41.0
PRU 12 17:48:30.5,4645N:1317E,h0km
ISCJB 12 17:48:30.2:0.2,4654N:001:1313E:0.02,h8km,3km,Error ellipse: s-maj=2.3km s-min=2.0km az=27.0

CSEM 12 17:48:30.2:0.1,4649N:1311E,h20km,ML2.8/13,Error ellipse: s-maj=0.9km s-min=0.7km az=14.0
VIE 12 17:48:30.2:0.1,4651N:1311E,h10km,7km,mb1.8/12,ML2.8/14,Error ellipse: s-maj=1.0km s-min=0.5km az=8.0

NEIC 12 17:48:30.4,4650N:1315E,h13km,MD2.7(ROM),After ROM.
ISC 12 17:48:31.1:0.2,4652N:001:1353E,h8km,3km,n45,c091/93,26C-22D,Austria

Code Station Name Az AzZ Phase ID Time Res
PLRO Paularo 0.03 24 iP Pn 17 48 32.8 -1.0
ZOU Zoufplan 0.11 289 iP Pn 17 48 33.5 -0.2
ZOU Zoufplan 0.11 289 iP Pn 17 48 35.8 +0.3
BOO Bordoano 0.20 186 iP Pn 17 48 34.6 -0.5
BOO Bordoano 0.20 186 iP Pn 17 48 38.0 +0.1
GIMA Gemona 0.26 163 iS Sg 17 48 35.5 -0.7
LSR Lussari 0.28 99 iP Pn 17 48 36.2 -0.4
LSR Lussari 0.28 99 iP Pn 17 48 41.2 +0.8

BAD Bernadia 0.29 164 iP Pn 17 48 36.7 -0.2
BAD Bernadia 0.29 164 iP Pn 17 48 41.4 +0.6
MPRI Monte Prat 0.29 199 iP Pn 17 48 36.3 -0.5
MPRI Monte Prat 0.29 199 iP Pn 17 48 41.5 +0.7
BUA Buia 0.30 181 iP Pn 17 48 36.5 -0.5
BUA Buia 0.30 181 iP Pn 17 48 41.5 +0.5
CSMI Casera Mimosias 0.33 269 iP Pn 17 48 37.3 -0.3
MYKA Terra Mystica 0.37 73 iP Pn 17 48 38.2 -0.2

MYKA 44nm,0.1s iP Sg 17 48 43.7 +0.5
ROBS Robic 0.38 136 eP Pn 17 48 37.7 -0.8
ROBS Robic 0.38 136 eP Pn 17 48 44.2 +0.6
COLO Colorado 0.42 156 eP Sg 17 48 39.0 -0.3
COLI Coli 0.42 156 eP Sg 17 48 46.1 +1.2
ABTA Abfaltersbach 0.48 298 eP Pn 17 48 40.2 -0.2
ABTA Abfaltersbach 0.48 298 eP Pn 17 48 46.9 +0.1

DRE Drenchia 0.50 134 iP Pn 17 48 40.0 -0.7
DRE Drenchia 0.50 134 iP Pn 17 48 47.9 +0.7
MLNI Malnisio 0.52 224 iP Pn 17 48 40.9 -0.2
MLNI Malnisio 0.52 224 iP Pn 17 48 47.7 +0.9
KBA Koelnbreinsperg 0.58 151 eP Pn 17 48 42.5 +0.2
KBA Koelnbreinsperg 0.58 151 eP Pn 17 48 50.4 +0.6

CSSO Casso 0.61 246 iP Pn 17 48 42.2 -0.6
CSO Casso 0.61 246 iP Pn 17 48 51.5 +0.8
MONT Monte Rota 0.67 290 P Pn 17 48 43.6 -0.4
SEST Sest 0.72 132 eP Sg 17 48 53.6 +0.9
VOY Vojsko 0.72 132 eP Sg 17 48 44.0 -1.0
VOY Vojsko 0.72 132 eP Sg 17 48 54.9 +0.6

VOY Vojsko 0.72 132 eP Sg 17 48 55.5 +0.7
VOY Vojsko 0.72 132 eP Sg 17 48 44.0 -1.0
VOY Vojsko 0.72 132 eP Sg 17 48 54.9 +0.6
JAV Javornik 0.90 134 eP Pn 17 48 47.0 -3.0
TRI Trieste 0.92 151 P Pn 17 48 47.9 -0.9
TRI Trieste 0.92 151 P Pn 17 49 01.9 +1.1
OBKA Obir 0.98 90 iP Pn 17 48 49.4 -0.5
OBKA Obir 0.98 90 iP Pn 17 49 03.4 +0.8

12d 20h

THE 12 18:28:09.7,3661N-2128E,h10km,ML3.3
 ATH 12 18:28:10.3,3667N-2141E,h22km,4km,MD3.6/5
 NEIC 12 18:28:10.8,3667N-2141E,h27km,MD3.6(ATH),After
 ATH.

ISC 12 18:28:08.5-1.2,3663N-006-2125E-005,h7km,6km,n19,
 a106/26,Southern Greece

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PYL	PYLOS	0.48	55	Op	12 28 18.8	+1.0
ITM	Ithomi	0.78	44	eP	12 28 25.4	+1.3
ITM	Ithomi	0.78	44	eN	12 28 23.0	-0.4
ITM	Ithomi	0.78	44	eS	12 28 23.0	-0.4
ITM	Vlachokerasia	1.17	50	eS	12 28 34.2	+0.7
VLX	Veliai	1.36	86	eP	12 28 47.0	+0.8
VLI	Veliai	1.36	86	eN	12 28 34.0	+0.1
VLI	Veliai	1.36	86	eS	12 28 48.5	
RLS	Riolos of Patr	1.44	7	P	12 28 37.1	+2.0
KYTH	Kithira	1.48	103	eP	12 28 36.0	+0.4
KFH	Anninata	1.53	346	eP	12 28 37.0	-0.8
VLS	Valsamata	1.64	341	eP	12 28 37.5	-1.5
VLS	Valsamata	1.64	341	eN	12 28 40.0	-0.4
DLD	Didima	1.82	60	P	12 28 40.7	-1.4
DID	Didima	1.82	60	eS	12 28 51.5	+0.1
LTK	Loutraki	1.95	44	eS	12 28 43.0	+1.5
LTJ	Loutraki	1.95	44	eS	12 28 07.3	-1.7
EVR	Evyritania	2.33	11	eP	12 28 49.8	-1.1
EVR	Evyritania	2.33	11	eN	12 28 50.0	-0.9
KARN	Karanos	2.48	119	eP	12 28 48.4	-1.0
AGG	Agios Georgios	2.54	19	eP	12 28 51.5	+1.3
AGS	Agios Georgios	2.54	19	eN	12 28 50.0	-0.9
NEO	Neokhori	3.10	30	P	12 28 59.6	+1.8
TIP	Tipogradae	4.37	307	P	12 28 19.2	+0.8
CEL	Celeste	5.46	293	P	12 28 19.2	+0.2

ISCJB 12 18:29:11.6,0.8,941S-008-1087E-01,h30km,mb3.9/8,
 Error ellipse: s-maj=15.2km s-min=10.6km az=163.3

NEIC 12 18:29:14.6,1.2,942S-108.73E,h35km,mb4.1/1,Error
 ellipse: s-maj=81.1km s-min=10.3km az=51.0

IDC 12 18:29:14.3,1.9,940S-10876E,h31km,6km,mb3.77,
 mb1.3/9,mb1mx3.7/18,mbtmp3.8/8,ML4.5/1,Error
 ellipse: s-maj=81.4km s-min=16.5km az=51.0

DJA 12 18:29:30.6,395S-10966E,h107km,ML3.9/6

ISC 12 18:29:14.4,0.8,938S-008-1088E-01,h31km,
 h31km,1.1km,pp-P,n15,a066/14,mb3.9/8,1C-1D,South
 of Jawa

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
YOGI	Yogyakarta	2.13	43j	Op	18 30 05.2	-8.1
BJII	Banjarnegara	2.22	24j	eP	18 29 53.2	+4.2
BJII	Banjarnegara	2.22	24j	eS	18 30 15.6	+0.2
BATI	Baumata	14.66	94	Pn	18 32 38.9	-0.8
WRA	Warramunga Arr	26.79	116	P	18 34 51.9	+0.1
ASAR	Alice Springs	27.86	124	P	18 35 01.7	+0.3
CMAR	Chiang Mai Arr	57.00	33	P	18 35 13.1	-1.3
STKA	Stanhope Creek	37.72	131	P	18 36 27.6	+0.3
SONM	Songino Array	57.00	33	P	18 38 58.0	+1.0
SONM	Songino Array	57.00	33	P	18 39 07.0	+0.4
MK31	Makanchi Array	60.73	339	eP	18 39 23.1	+0.3
MK31	Makanchi Array	60.73	339	eN	18 39 23.2	+0.3
MKAR	Makanchi Array	60.73	339	eP	18 39 32.0	-0.5
MKAR	Makanchi Array	60.73	339	eN	18 39 23.2	+0.3
MKAR	Makanchi Array	60.73	339	eP	18 39 32.0	-0.5
MKAR	Makanchi Array	60.73	339	eN	18 39 23.2	+0.3
MKAR	Makanchi Array	60.73	339	eP	18 39 32.0	-0.5
MKAR	Makanchi Array	60.73	339	eN	18 39 23.2	+0.3
KURK	Kurchatov	65.34	339	eP	18 39 53.2	-0.2
ZALV	Zalesovo Beam	66.28	345	P	18 39 59.0	-0.4
ZALV	Zalesovo Beam	66.28	345	P	18 40 09.2	+0.1
TXAR	Lajitas Array	143.69	52	PKP	18 48 47.0	+0.1
TXAR	Lajitas Array	143.69	52	PKP	18 48 47.0	+0.1

MOS 12 19:18:23.2,1.0,4280N-44.19E,h12km,mb3.7/1,Error
 ellipse: s-maj=19.7km s-min=10.2km az=112.9

ISCJB 12 19:18:25.0,0.5,4286N-002-4408E-04,h3km,6km,
 Error ellipse: s-maj=4.9km s-min=3.8km az=157.3

TIF 12 19:18:24.0,4296N-44.10E,h6km,2km

ISC 12 19:18:25.4,0.5,4287N-002-4408E-04,h9km,5km,n12,
 a093/22,4C-3D,Western Caucasus

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LACR	Lac	0.16	104	iP	19 18 27.7	-1.2
LACR	Lac	0.16	104	iS	19 18 30.0	-1.2
ZEI	Tsey	0.17	234	iP	19 18 28.1	-0.2
ZEI	Tsey	0.17	234	iS	19 18 31.5	+0.5
KORR	Kora	0.22	358	iP	19 18 29.7	-0.2
KORR	Kora	0.22	358	iS	19 18 34.1	+1.2
ARNR	Ardon	0.35	24	iP	19 18 32.1	-0.3
ARNR	Ardon	0.35	24	iS	19 18 37.5	+0.4
LSNR	Lesken	0.45	335	iP	19 18 41.4	+1.3
LSNR	Lesken	0.45	335	iS	19 18 41.4	+1.3
ONI	Oni	0.55	239	P	19 18 35.6	-0.4
ONI	Oni	0.55	239	P	19 18 43.9	+0.8
KUBR	Kubataba	1.05	333	eP	19 18 46.1	+0.5
KUBR	Kubataba	1.05	333	eS	19 19 00.9	+1.6
TBLQ	Delisi	1.24	156	S	19 19 05.2	+0.3
SHAR	Shatzhatmas	1.35	311	iP	19 18 49.7	-1.6
SHAR	Shatzhatmas	1.35	311	iS	19 19 07.5	-0.8
KIVD	Kislovodsk Arr	1.48	318	iP	19 18 52.5	-1.4
KIVD	Kislovodsk Arr	1.48	318	iS	19 19 11.4	-0.4
DGRG	Kislovodsk	1.49	317	eP	19 18 52.7	-1.2
DGRG	Kislovodsk	1.49	317	eS	19 18 56.5	+1.2
DGRG	David-gareji	1.71	145	S	19 19 21.5	+1.2

IDC 12 19:31:30.2,7.3,130S-14973E,h0km,mb3.7/2,mb1.3/9/2,
 mb1mx3.4/15,mbtmp3.7/2,MS3.4/1,Ms1.3/4/1,
 ms1mx2.8/25,Error ellipse: s-maj=333.0km
 s-min=49.6km az=107.0,New Ireland region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	23.88	21	P	19 36 45.6	-0.1
WRA	Warramunga Arr	23.88	21	P	19 45 53.5	
ASAR	Alice Springs	27.02	213	P	19 37 14.3	+0.1
TORD	Torodi Arr. Bea	146.23	292	PKPbc	19 51 13.0	-0.8

IDC 12 20:17:01.0,3.9,499S-14834E,h0km,mb3.5/3,mb1.3/9/3,
 mb1mx3.4/16,mbtmp3.6/3,Error ellipse:
 s-maj=113.5km s-min=48.6km az=111.0,Bismarck Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	20.17	221	P	20 21 37.9	+0.8
ASAR	Alice Springs	23.21	215	P	20 22 10.4	+0.7
FITZ	Fitzroy Crossi	25.74	238	P	20 22 34.2	-1.0
TORD	Torodi Arr. Bea	146.12	286	PKPbc	20 36 43.0	-0.8

MAN 12 20:25:58,1826N-12139E,h19km,mb3.8,ML2.5,MS2.1,
 ID, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
APYP	Conner	0.42	200	eP	20 26 07.5	+0.7
APYP	Conner	0.42	200	eS	20 26 12.6	+0.0
SGCP	Mt. Cagua	0.62	92	eP	20 26 10.8	+0.5

2007 JUL

ABRA	Dolores	0.89	227	eP	Pb	20	26	16.2	+1.4
ABRA	Dolores	0.89	227	eS	Sb	20	26	28.0	+1.7
CAUP	Cauayan	1.37	163	eP	Pn	20	26	22.3	+0.1
PALP	Palanan	1.54	140	eP	Pn	20	26	24.2	+0.3
PALP	Palanan	1.54	140	eS	Pn	20	26	45.7	+1.6

MOS 12 20:29:23.1,1.0,7252N-12586E,h10km,mb3.9/5,Error
 ellipse: s-maj=65.2km s-min=22.4km az=89.1
 ISCJB 12 20:29:24.8,0.7,723N-0.1x1256E-02,h10km,mb3.8/10,
 Error ellipse: s-maj=16.0km s-min=7.2km az=21.0
 IDC 12 20:29:24.6,0.9,7231N-12580E,h0km,mb3.9/9,
 mb1.4/0.9,mb1mx3.8/23,mbtmp3.8/9,MS3.0/1,Ms1.3/0/1,
 ms1mx2.5/33,Error ellipse: s-maj=23.9km s-min=22.6km
 az=56.0
 NEIC 12 20:29:26.0,0.8,7229N-12597E,h10km,Error ellipse:
 s-maj=21.5km s-min=14.0km az=204.0

ISC 12 20:29:25.0,2.9,7231N-0.1x1257E-03,h2km,19km,n22,
 a097/24,mb3.8/10,Northern and central Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TIXI	Tiksi	1.18	122	eP	20 29 46.9	-0.6
TIXI	Tiksi	1.18	122	eS	20 30 03.6	+0.9
TIXI	Tiksi	1.18	122	eP	20 30 46.8	-0.7
TIXI	Tiksi	1.18	122	eS	20 30 30.1	+0.4
TIXI	comp=Z,106nm,0.4s			smax		
TIXI	comp=N,1um,0.7s			smax		
TIXI	comp=E,1um,0.6s			smax		
YAK	Yakutsk	10.42	170	eP	20 31 54.3	-0.8
YAK	Yakutsk	10.42	170	eS	20 33 49.3	+0.8
YAK	comp=Z,14nm,0.9s			smax		
YAK	comp=N,2.0nm,0.3s			smax		
YAK	comp=E,7.0nm,0.5s			MLR		
YAK	comp=Z,37nm,7.0s			MLR		
PETK	Petropavlovsk	23.65	127	P	20 34 37.4	+0.1
ZAK	Zakamensk	24.61	217	iP	20 34 42.4	+0.5
ZAK	Zakamensk	24.61	217	iS	20 34 42.4	+0.5
NVS	Novosibirsk	24.89	248	eP	20 34 46.8	-1.7
ZALV	Zalesovo Beam	25.23	245	P	20 34 52.5	+0.9
ZALV	Zalesovo Beam	25.23	245	P	20 45 29.4	
ZALV	comp=Z,2.4nm,0.7s,mb3.8,baz=25,slow=7.9,SNR=4.8			LR		
ZALV	comp=Z,36nm,19.9s,baz=249,slow=38			LR		
ZALV	Zalesovo	25.24	245	P	20 34 52.6	+0.8
SOMN	Songino Array	26.09	210	P	20 35 01.3	+1.7
SOMN	Songino Array	26.09	210	P	20 35 01.3	+1.8
SOMN	comp=Z,1.0nm,0.7s			smax		
MKAR	Makanchi Array	32.39	242	P	20 35 55.7	+0.2
MKAR	Makanchi Array	32.39	242	P	20 35 57.7	+0.2
MKAR	Makanchi Array	32.39	242	P	20 35 55.7	+0.2
MKAR	Makanchi Array	32.39	242	P	20 35 55.7	+0.2
MKAR	comp=Z,1.0nm,0.6s			smax		
KSR5	Korea Array	34.93	177	P	20 36 17.3	-0.4
NB2	NORSAR Subarra	39.65	316	P	20 36 57.1	-0.4
NOA	NORSAR Arr B	39.65	316	P	20 36 57.9	+0.4
NOA	NORSAR Arr B	39.65	316	P	20 36 57.9	+0.4
NOA	comp=Z,2.0nm,0.7s			sm		

MAIT	Maitri	58.93 157 eP	pP	20 57 45.4 -1.8
QSPA	South Pole Qui	59.39 180 eP	P	20 57 34.0 0.0
QSPA	Junction City	66.75 333 eP	pP	20 57 49.6 -0.7
JCT	comp=N,22nm,1.1s,mb4.1	67.50 333 eP	P	20 58 23.3 0.0
SWET	Sewanee	67.14 347 eP	P	20 58 24.9 -0.8
TKL	Tuckaleechee C	67.19 349 eP	P	20 58 24.1 -1.8
OXF	Oxford	67.22 344 eP	P	20 58 24.9 -1.2
comp=N,48nm,0.9s,mb4.5				
VNDA	Vanda	67.33 191 P	P	20 58 26.5 +0.1
VNDA	Vanda	67.33 191 P	P	20 58 26.5 +0.1
comp=N,2.1nm,1.1s,mb4.1,baz=151,slow=5.4,SNR=6.2				
TLAR	Lajitas Array	67.34 330 P	P	20 58 26.7 -0.3
comp=N,2.9nm,0.7s,mb4.4,baz=152,slow=8.2,SNR=39				
PLAL	Pickwick Lake	67.36 345 eP	P	20 58 25.9 -1.2
comp=N,15nm,1.3s,mb4.9				
MIAR	Mount Ida	68.36 340 eP	P	20 58 32.7 -0.6
comp=N,16nm,1.3s,mb4.9				
WWT	Waverly	68.41 346 eP	P	20 58 32.7 -0.9
comp=N,27nm,0.9s,mb5.3				
SYO	Syowa Base	68.56 159 eP	pP	20 58 31.6 -2.6
SYO	Syowa Base	68.56 159 eP	pP	20 58 48.0 -2.9
WCI	Wyandotte Cave	70.13 347 eP	P	20 58 42.2 -2.0
comp=N,7.1nm,0.6s,mb4.8				
WMOK	Wichita Mounta	70.20 336 eP	P	20 58 43.6 -1.1
comp=N,1.6nm,0.6s,mb4.1				
SIUC	Southern Illin	70.24 345 eP	P	20 58 43.5 -1.4
comp=N,40nm,1.0s,mb4.1				
319A	Douglas	71.63 326 eP	P	20 58 53.6 +0.1
baz=72,SNR=5.8				
318A	Bisbee	72.03 326 eP	P	20 58 55.8 0.0
baz=72,SNR=7.1				
219A	White Tail Can	72.14 327 eP	P	20 58 56.7 +0.2
baz=72,SNR=13				
217A	Green Valley	72.70 325 eP	P	20 58 59.5 -0.4
baz=73,SNR=6.2				
BNM	Barren Site	72.75 330 eP	P	20 59 00.4 +0.3
119A	Ashpeak Ranch,	72.79 327 eP	P	20 59 00.8 +0.4
baz=73				
LPM	Los Pinos Moun	72.89 330 eP	P	20 59 00.9 0.0
118A	Hornack Ranch,	73.00 326 eP	P	20 59 01.3 -0.3
baz=73				
LIC	Lamto	73.14 72 eP	P	20 59 02.4 -0.5
comp=N,56nm,0.6s,mb5.7				
LAZ	Ladron	73.19 330 eP	P	20 59 03.0 +0.3
216A	Three Points,	73.20 325 eP	P	20 59 03.3 +0.4
baz=74				
219A	T-Link Ranch,	73.21 327 eP	P	20 59 03.3 +0.5
baz=74				
117A	Oracle	73.32 326 eP	P	20 59 04.0 +0.6
baz=74				
TIC	Tomoudi	73.38 72 eP	P	20 59 04.0 -0.3
comp=N,67nm,0.7s,mb5.7				
KIC	Kosan Boka	73.45 72 eP	P	20 59 04.3 -0.4
comp=N,133nm,0.8s,mb5.2				
DBIC	Dimboko	73.53 72 P	P	20 59 05.5 +0.3
comp=N,30nm,0.7s,mb5.4,baz=209,slow=6.5,SNR=60				
Y19A	Nutriosio	73.76 328 eP	P	20 59 07.0 +0.9
baz=74,SNR=16				
116A	Eloy	73.78 325 eP	P	20 59 06.7 +0.5
baz=74				
214A	Organ Pipe Nat	73.84 324 eP	P	20 59 06.7 +0.1
baz=74,SNR=5.4				
FFD	Franklin Falls	73.94 360 eP	P	20 59 07.4 +0.5
comp=N,24nm,0.8s,mb5.2				
Y18A	Canyon Day Jun	73.97 327 eP	P	20 59 06.9 -0.4
baz=74				
115A	Sonoran Desert	74.15 325 eP	P	20 59 08.8 +0.4
baz=74				
X19A	St. Johns	74.17 328 eP	P	20 59 08.6 +0.2
baz=74				
Y17A	Roosevelt	74.29 326 eP	P	20 59 09.6 +0.5
baz=75,SNR=14				
LBNH	Lisbon	74.27 359 eP	P	20 59 19.9 +8.5
comp=N,34nm,0.9s,mb5.3				
Y16A	Circle Bar Ran	74.34 326 P	P	20 59 12.2 +0.5
baz=75,SNR=6.2				
X17A	Forest Lakes	74.80 327 eP	P	20 59 12.8 +0.7
baz=75				
W18A	Petrified Fore	74.94 328 eP	P	20 59 12.9 0.0
baz=75				
X19A	Window Rock	75.13 329 eP	P	20 59 14.0 +0.1
baz=75				
X16A	Lo Mia Camp, P	75.16 326 P	P	20 59 14.2 +0.1
baz=76,SNR=9.1				
Y15A	Casa Rosa Ranc	75.21 326 P	P	20 59 15.1 +0.6
baz=76,SNR=5.2				
W17A	Winslow	75.36 327 eP	P	20 59 15.6 +0.3
baz=76				
JFWS	Jewell Farm	75.44 346 eP	P	20 59 15.0 -0.6
comp=N,6.3nm,0.4s,mb5.2				
Y14A	Wickenburg	75.53 325 P	P	20 59 16.7 +0.4
baz=76,SNR=5.5				
X15A	Humboldt	75.60 326 P	P	20 59 17.6 +0.9
baz=76,SNR=5.8				
GLA	Glamis	75.74 323 eP	P	20 59 18.0 +0.5
baz=76				
W16A	Flagstaff	75.76 327 eP	P	20 59 18.0 +0.4
baz=76,SNR=7.3				
Y13A	Salome	75.84 324 eP	P	20 59 18.1 0.0
baz=76				
X14A	Yava	75.90 326 eP	P	20 59 18.8 +0.4
baz=76				
MAW	Mawson	76.01 164 P	P	20 59 18.5 -0.2
MAW			pP	20 59 34.4 -1.2
MAW			pP	20 59 35.3 -0.3
MAW			P	20 59 18.5 -0.2
comp=N,10nm,0.9s,mb4.7,baz=211,slow=6.5,SNR=24				
MAW			pP	20 59 35.3 -0.3
WUAZ	Wupatki	76.03 327 eP	P	20 59 19.7 +0.6
comp=N,11nm,1.0s,mb4.8				
Y12A	Rough Rock, Ch	76.09 329 eP	P	20 59 19.6 +0.2
baz=78,SNR=5.8				
U18A	Blythe	76.14 324 eP	P	20 59 19.9 +0.1
baz=76				
Y15A	Williams	76.17 326 eP	P	20 59 20.5 +0.5
baz=76				
U16A	Tuba City	76.43 328 eP	P	20 59 21.4 0.0
baz=77				
X13A	Yucca	76.46 325 eP	P	20 59 21.7 +0.1
baz=77,SNR=11				
BC3	Big Chucuk Mtn	76.54 323 eP	P	20 59 22.0 -0.1
baz=77,SNR=6.4				
U17A	Shonto	76.59 328 eP	P	20 59 22.6 +0.3
baz=77				
W14A	Seligman	76.59 326 eP	P	20 59 22.9 +0.5
baz=77				
V15A	Kaibab Nationa	76.65 327 eP	P	20 59 23.0 +0.4
baz=77,SNR=9.5				
T18A	Mexican Hat	76.69 329 eP	P	20 59 22.7 -0.1
baz=77				
IRM	Iron Mountain	76.78 324 eP	P	20 59 23.9 +0.6
baz=77				
S19A	Harvey Farm, M	76.87 330 eP	P	20 59 23.6 -0.2
baz=77				
W13A	Hualapai Mount	76.89 325 P	P	20 59 24.6 +0.6
baz=77,SNR=9.1				
V14A	Boquillas Ranc	76.94 326 P	P	20 59 24.9 +0.7
baz=77,SNR=13				
PFO	Pinyon Flat Ob	77.02 323 eP	P	20 59 25.7 +1.0
baz=77				
SMCO	Snowmass	77.19 332 eP	P	20 59 26.6 +1.0
comp=N,20nm,1.0s,mb5.0				
S18A	Hurst Farm, Bl	77.20 329 eP	P	20 59 25.9 +0.3
baz=78,SNR=15				
U15A	North Rim	77.20 327 eP	P	20 59 26.2 +0.5
baz=78,SNR=12				
GMRC	Granite Mounta	77.53 324 P	P	20 59 28.2 +0.6
baz=78,SNR=16				
V13A	Grand Canyon W	77.54 326 P	P	20 59 28.3 +0.7
baz=78,SNR=7.9				
U14A	Mt Trumbull	77.61 326 P	P	20 59 28.8 +0.8
baz=78,SNR=12				
R18A	Canyonlands Na	77.73 330 eP	P	20 59 28.6 0.0
baz=78				
ECSD	EROS, Sioux Fal	77.76 341 eP	P	20 59 27.4 -1.2
comp=N,31nm,1.0s,mb5.2				
ECSD			pP	20 59 44.4 -1.3
V12A	Nelson	77.87 325 eP	pP	20 59 29.5 +0.1
baz=78				
HEC	Hector, Ludlow	77.91 323 eP	P	20 59 30.0 +0.4
baz=78,SNR=8.4				
U13A	Palcoon Wash	77.98 326 eP	P	20 59 30.3 +0.2
baz=78,SNR=5.3				
FMP	Fort Macarthur	78.07 321 eP	P	20 59 32.3 +1.6
baz=78				

T14A	Hurricane	78.08 327 eP	P	20 59 30.9 +0.3
baz=78				
BFCB	Mount Baldy St	78.14 322 eP	P	20 59 31.7 +0.7
baz=78				
TUQ	Turquoise Mtn.	78.17 324 eP	P	20 59 31.4 +0.2
baz=78				
U12A	Valley of Fire	78.28 326 eP	P	20 59 31.9 +0.2
baz=79				
T13A	Saint George	78.44 326 eP	P	20 59 33.0 +0.4
baz=79				
SRU	San Rafael	78.61 330 eP	P	20 59 33.3 -0.1
comp=N,5.4nm,0.9s,mb4.5				
SRU			pP	20 59 50.6 +0.1
CCUT	Cedar City	78.61 327 eP	pP	20 59 34.3 +0.8
CCUT			pP	20 59 50.6 +0.1
O16A	Castle Valley	78.73 329 eP	P	20 59 33.9 -0.2
baz=79				
EDW2	Edwards Air Fo	78.81 322 eP	P	20 59 34.8 +0.1
baz=79				
S13A	Holt Ranch, En	78.87 327 eP	P	20 59 35.3 +0.4
baz=79				
LRMC	Laurel Mountai	79.11 323 eP	P	20 59 36.5 +0.2
baz=79				
T11A	Corn Creek, Al	79.25 326 eP	P	20 59 37.5 +0.5
baz=80,SNR=8.9				
R13A	O'Grain Ranch,	79.40 327 eP	P	20 59 38.3 +0.5
baz=80				
FURC	Furcuse Creek,	79.45 324 eP	P	20 59 39.1 +0.9
baz=80				
MPMC	Manual Prospec	79.46 323 eP	P	20 59 38.5 +0.3
baz=80				
TPNV	Topopah Spring	79.52 325 eP	P	20 59 39.3 +0.8
comp=N,5.3nm,1.0s,mb4.5				
ISA	Isabella	79.66 323 eP	P	20 59 40.1 +0.9
baz=80				
Q14A	Sevier Lake (B	79.73 328 eP	P	20 59 39.8 +0.2
baz=80,SNR=6.8				
PKM	Peak Mountain	79.79 321 eP	P	20 59 40.5 +0.5
baz=80,SNR=7.1				
R12A	Pony Springs,	79.82 327 eP	P	20 59 40.8 +0.7
O16A	Springville	79.94 330 eP	P	20 59 40.4 +0.1
baz=80				
DAU	Daniels Canyon	80.00 330 eP	P	20 59 41.4 +0.3
Q13A	Wheeler Ranch,	80.05 327 eP	P	20 59 41.7 +0.4
baz=80				
VES	Vestal, Richgr	80.11 322 eP	P	20 59 42.3 +0.6
baz=80				
P14A	Drum Mountains	80.13 328 eP	P	20 59 42.1 +0.4
baz=80,SNR=8.8				
R11A	Tro Canyon, C	80.30 326 P	P	20 59 43.1 +0.5
baz=81,SNR=8.7				
RSSD	Black Hills	80.39 337 eP	P	20 59 43.1 +0.1
comp=N,8.1nm,1.0s,mb4.6				
P13A	Bates Ranch, G	80.45 328 eP	P	20 59 43.5 0.0
baz=80				
S10A	Toponah Range,	80.46 325 eP	P	20 59 43.5 0.0
baz=81				
Q12A	Willow Creek R	80.49 327 eP	P	20 59 44.1 +0.4
R10A	Warm Springs	80.60 326 eP	P	20 59 45.1 +0.8
baz=81				
S09A	Goldfield	80.61 325 eP	P	20 59 45.4 +1.0
baz=81				
HELL	Mitchell Peak	80.72 323 eP	P	20 59 45.4 +0.5
baz=81,SNR=6.7				
Q11A	Duckwater	80.73 326 eP	P	20 59 45.4 +0.4
baz=81				
S08C	White Mtn Res	80.91 324 eP	P	20 59 46.9 +0.9
baz=81				
BOSA	Boshof	80.94 118 P	pP	20 59 46.7 +0.1
BOSA			pP	21 00 03.5 -0.2
BOSA			pP	20 59 46.7 +0.1
comp=N,3.1nm,0.8s,mb4.3,baz=224,slow=9.3,SNR=8.6				
BOSA			pP	21 00 03.5 -0.2
R09A	Toponah	80.94 325 eP	P	20 59 46.4 +0.3
baz=81				
N15A	Stansbury Isla	80.94 330 eP	P	20 59 45.7 -0.4
baz=81,SNR=5.4				
KCC	Kaiser Creek	81.36 323 eP	P	20 59 48.6 +0.2
baz=82				
M15A	Larson Ranch,	81.38 330 eP	P	20 59 47.6 -0.8
baz=82,SNR=6.5				
W03C	Hunter Liggett	81.40 321 eP	P	20 59 49.7 +1.1
baz=82				
U04C	Hernandez Rese	81.41 322 eP	P	20 59 49.4 +0.7
baz=82				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSZ Lusaka, B07A Winthrop, A08A Turner Farm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCYT Pengchayiu, WHF Hehuan Shan, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like s-min=18.7km az=69.0, MOS 12:01:03.36, etc.

BJI 12:20:53:59.8, 2374N, 12245E, h10km, mb4.3, mb4.3, ML4.3, Ms4.2, Ms2.2
NIED 12:20:54:00, 2490N, 12180E, h8km, Mw4.2, Best double couple: M2.5, 10000-1015, NP1.5, 250, 00000-859, 00000-859, 11, 00000-859, NP2.5, 4, 00000-859, 00000-859, 141, 00000-859.

TAP 12:20:54:12.3, 2479N, 12182E, h10km, ML4.4
TAP Felt I, J at Hsinchu, I, J at Nanshan, I, J at Kuangyingshan, I, J at Sanguang, III J at Nanau, II, J, II J at Nioudou, III J at Santiao Chiao, II J at Suao, II J at Neiching, III, J, III J at lan.

JMA 12:20:54:12.4, 0.1, 2491N, 12181E, h37km, M4.1
NIED 12:20:54:13.3, 0.9, 2479N, 12179E, h10km, ML4.4 (TAP)
Error ellipse: s-maj=18.4km s-min=10.1km az=71.0
NEIC Recorded [3 TAP] in Hant; [2 TAP] in Tai-pei; [1 TAP] in Hua-lien and Tao-yuan Counties.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EGS ILLAN, TWC Suao, TWE Neicheng, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURS Korea Array, CD2 Chengdu, QZH Qanzhou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, TORO Torodi Ar, BVAR Bratslava, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, KHC Kasperske Hory, PRU Pruhonice, etc.

NEIC 12:21:08:56.8-0.5, 2.12N-126.73E, h10km, mb4.6/1, Error ellipse: s-maj=32.9km s-min=8.4km az=75.0

ISCJB 12:21:08:58.4+0.6, 2.05N-109.1266E.02, h33km, mb3.9/9, Error ellipse: s-maj=35.5km s-min=11.8km az=170.3

DJA 12:21:09:00.216N, 126.67E, h10km, ML4.0/1, DC 12:21:09:02.3+2.2, 2.01N-126.62E, h58km, mb3.5/6, mb1 3.7/9, mb1mx3.6/18, mbtmp3.5/9, ML3.7/1, MS2.9/1, Ms1 2.9/1, ms1mx2.7/21, Error ellipse: s-maj=42.0km s-min=15.6km az=165.0

ISC 12:21:08:00.7+0.6, 2.04N-109.1266E.02, h35km, ml2, +0574/11, mb3.9/9, Northern Molouca Sea

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

MOS 12:21:10:31.6-0.8, 5163N-179.59E, h33km, mb4.9/61, Error ellipse: s-maj=11.2km s-min=6.3km az=96.5

BUI 12:21:10:31.9, 5209N-179.55E, h32km, mb5.2, mb4.8, Ms4.9, Ms24.6

ISCJB 12:21:10:34.5-0.2, 5164N-179.59E.003, h56km, mb4.8/104, MS3.8/12, Error ellipse: s-maj=6.2km s-min=2.4km az=4.9

DC 12:21:10:36.4-0.7, 5162N-179.65E, h61km, mb4.3/21, mb1 4.5/23, mb1mx4.4/28, mbtmp4.3/23, MS3.6/8, Ms1 3.6/8, ms1mx3.3/37, Error ellipse: s-maj=15.9km s-min=10.3km az=165.0

NEIC 12:21:10:37.1, 5137N-179.68E, h50km, mb4.7/57, ML4.9(PMR), ML4.8(AEIC), After AEIC.

ISC 12:21:10:36.4-0.2, 5163N-179.58E.003, h58km, h58km, 9km; p-P, n4311, +05844/27, mb4.8/104, MS3.8/12, 59C-42D, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMKA Amchitka, SMY Shemya, FX1 Attu Island-F, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDJ Mudanjiang, MDJ comp=Z, 9.0nm, 1.0s, mb4.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAST Hastings Reser, HLID Hailey, HLID Hailey, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like U15A North Rim, V14A Boquillas Ranc, R18A Canyonlands Na, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like BRVK Borovoye, SCHO Schöfville, SVE Sverdiolvsk, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like ZST Bratislava, ZST Bratislava, FLN La Foliniere, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ponta Delgada, Manadas, PMAN, Pico, Horta, Caldeira, Cedros, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 12:23:56:42.5-0.7, 1703N-10018W, ACX Acapulco, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 12:23:57:24.6-1.9, 175N-12634E, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CASC 13:00:16:50.7-2.2, 1302N-8961W, BOQS Boqueron, SBL San Blas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13:00:17:07.1-0.7, 947N-12374E, MAN 13:00:17:07.935N, NEIC 13:00:17:12.5-0.9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Tagbilaran, WRAP Warramunga Arr, GUMO Guam, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, JHJ Hachio jima 2, KSRS comp=2.118nm, MAJO Matushiro Arr, MBWA Marble Bar, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Lanzhou, LZH, ASAR Alice Springs, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUJ 13:00:18:09.3, 903N-12331E, NEIC 13:00:18:10.6-0.2, NEIC Felt (VI PIVS) at Dumaguete, DJA 13:00:18:18.960N, ISC 13:00:18:06.9-0.7, Code Station Name, etc.

MAN 13:00:18:05.928N-12308E, h1km, mb5.3, ML4.3, MS5.0
MAN INTENSITY VI - DUMAGUETE CITY
ISCJB 13:00:18:05.6-0.7, 921N-1002-12325E, 003, h8km, 4km, mb4, 7/80, MS4, 1/13, Error ellipse: s-maj=5.5km s-min=4.1km az=173.8
MOS 13:00:18:08.8-1.1, 925N-12330E, h3km, mb5.2/21, Error ellipse: s-maj=13.6km s-min=192.7, 1km az=115.4

Table with columns for station name, coordinates, and various parameters. Includes stations like MDJ, GTA, RAMN, GUN, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KIV, SWVZ, ARCES, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like CMAr, ARU, NVAR, etc.

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

IDC 13 01:49:08.81.3.30425.17919W,h231km,14km,mb3.3/3, m1 3.4/4, mb1mx3.2/15, mbtmp3.3/4, Error ellipse: s-maj=35.5km s-min=18.5km az=117.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

WEL 13 02:03:27.5:0.6, 3989S, 17392E, h214km, 5km, ML3.5/9, 3C-1D, Error ellipse: s-maj=4.2km s-min=3.1km az=90.0, Off west coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, DUWZ D'Urville Island, etc.

BUI 13 02:08:56.2, 806S, 12524E, h495km, mb4.5, mb4.5, ISCJB 13 02:09:04.2:0.3, 718S:0.04:12485E:0.05, h506km, 4km, mb4.3/38, Error ellipse: s-maj=8.6km s-min=4.3km az=149.7

NEIC 13 02:09:04.4:0.5, 714S:12486E, h495km, 5km, mb4.6/20, Error ellipse: s-maj=8.2km s-min=4.8km az=62.0

IDC 13 02:09:04.2:0.7, 718S:12481E, h491km, 7km, mb3.9/15, m1 4.0/20, mb1mx4.0/25, mbtmp3.9/20, Error ellipse: s-maj=14.6km s-min=6.5km az=69.0

DJA 13 02:09:05, 729S, 12490E, h492km, ML5.2/9, ISC 02:08:04.7:0.3, 722S:0.04:12487E:0.05, h497km, 4km, h496km, 3.6km:pp-P, n115, c084/94, mb4.3/37, 5C-3D, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, SDKM Sandakan, WRAB Tennant Creek, etc.

CD2 Chengdu 42.97 333 eP P 02 16 20.2 +0.8

KSRS Korea Array 44.53 3 P P 02 16 30.8 -0.6

MJAR Matsushiro Arr 45.29 15 P P 02 16 35.9 -1.4

LZH Lanzhou 47.99 337 P P 02 16 53.5 +0.2

LSA Lhasa 48.96 320 eP P 02 17 06.2 +1.0

ODAN Odare 49.66 315 eP P 02 17 10.2 -0.2

TAPN Tappeljung 49.73 315 eP P 02 17 10.5 -0.4

RAMN Ramitzi 50.28 314 eP P 02 17 15.0 +0.1

GUN Gumba 51.36 315 eP P 02 17 22.8 0.0

PKI Pulchoki 51.50 314 eP P 02 17 23.8 0.0

DMN Daman 51.72 314 eP P 02 17 25.5 0.0

MDJ Mudanjung 51.77 4 P P 02 17 25.5 +0.1

MDJ Mudanjung 51.77 4 eP P 02 17 25.3 -0.2

KOLN Koldanda 52.92 313 eP P 02 17 34.2 -0.2

DANN Dangsing 53.13 314 eP P 02 17 34.9 -0.7

RPZ Rata Peaks 54.27 21 P P 02 17 44.2 +0.8

HIA Hailar 54.52 356 eP P 02 17 58.4 -0.1

SONM Songoing Arr 57.19 345 P P 02 18 03.8 +0.2

WMQ Urumqi 60.91 330 eP P 02 18 29.0 +0.3

SONM Songoing Arr 57.19 345 P P 02 18 50.2 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MALT Malatya, IMA2 Indian Mountain, SLAK Skiak Lake, etc.

ISCJB 13 02:18:13.6:3.9, 205S:06:1695E:04, h187km, 58km, mb3.0/5, Error ellipse: s-maj=109.2km s-min=19.8km az=33.5

IDC 13 02:18:13.8:8.2, 2037S:16951E, h180km, 74km, mb3.7/4, m1 3.9/5, mb1mx3.5/17, mbtmp3.7/5, Error ellipse: s-maj=64.3km s-min=19.8km az=15.0

NEIC 13 02:18:13.6:4.0, 204S:05:16958E, h192km, 30km, mb4.0/2, Error ellipse: s-maj=33.1km s-min=12.3km az=200.0

ISC 13 02:18:13.6:4.0, 204S:05:1695E:03, h173km, 50km, n13, c083/10, mb4.0/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

CASC 13 02:24:40.6:2.9, 889N:8292W, h4km, 8km, MD4.0, 9C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTRC Cotoan, BRU2 Volcan, BRU2 Volcan, etc.

IDC 13 03:14:35.2:1.0, 739S:15594E, h0km, mb4.2/5, mb1 4.3/6, mb1mx4.0/16, mbtmp4.3/6, MS3.4/4, Ms1 3.4/4, ms1mx3.1/23, Error ellipse: s-maj=28.4km s-min=27.0km az=2.0

NEIC 13 03:14:36.8:0.6, 743S:15596E, h10km, mb4.2/2, Error ellipse: s-maj=15.2km s-min=12.9km az=196.0

ISCJB 13 03:14:39.2:0.7, 74S:0.1x:15588E:007, h33km, mb4.1/7, MS3.5/2, Error ellipse: s-maj=18.4km s-min=9.2km az=19.3

ISC 13 03:14:41.2:0.7, 74S:0.1x:15584E:008, h35km, n16, c0894/11, mb4.1/7, MS3.5/2, Bougainville - Solomon Islands region

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

Table with columns: STKA, Stephens Creek, 27.71 207, LR, LR, 03 30 02.5, etc.

Table with columns: WEL 13 03:23.00.0.5, 3609S, 17799E, h232km, 5km, ML3.7/8, etc.

NEIC 13 04:04:59.7, 3011S, 7037W, h95km, MG3.5(GUC), After GUC.

GUC 13 04:04:59.7, 3011S, 7037W, h95km, 6km, ML3.5, 5C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 13 04:11:42.6, 0.7, 700N, 007.7320W, 009, h150km, 11km, mb3.2/2, Error ellipse: s-maj=17.4km s-min=7.0km az=37.8

ISC 13 04:11:43.4, 0.9, 697N, 7330W, h140km, 61km, mb3.0/2, mb1 3.4/4, mb1mx3.1/19, mbtmp3.1/4, MS2.7/1, Ms1 2.8/1, ms1mx2.0/9, Error ellipse: s-maj=121.4km s-min=8.6km az=133.0

FUNV 13 04:11:44.2, 684N, 7320W, h137km, MW3.4

ISC 13 04:11:43.7, 0.7, 698N, 007.7318W, 009, h144km, 101km, n13, 1910N, mb3.2/2, 1C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NEIC 13 04:21:59.6, 3850S, 17675E, h68km, ML4.4(WEL), After WEL

WEL 13 04:21:59.5, 0.2, 3850S, 17676E, h68km, 2km, ML4.3/14, Error ellipse: s-maj=1.5km s-min=1.2km az=30.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Large table with columns: OMRZ, MARZ, Manawaha, 0.52 352, S, P, Pn, 04 22 22.3 +0.9, etc.

MAN 13 04:32:48, 1374N, 12054E, h119km, mb4.0, ML2.7, MS2.4, 1C-3D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 13 05:09:42.7, 1.2, 550S, 15508E, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.9/16, mbtmp4.0/7, Error ellipse: s-maj=39.4km s-min=29.9km az=73.0

ISCJB 13 05:09:55.6, 1.3, 555S, 02.1547E, 02, h100km, mb3.7/7, Error ellipse: s-maj=35.0km s-min=22.1km az=0.9

NEIC 13 05:10:03.0, 0.9, 568S, 15449E, h150km, mb3.9/3, Error ellipse: s-maj=26.2km s-min=15.4km az=92.0

ellipse: s-maj=26.2km s-min=15.4km az=92.0

ISC 13 05:09:57.1, 1.4, 565S, 02.1547E, 03, h100km, n12, 0.075/10, mb3.7/7, Bougainville - Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 13 05:13:35.3, 13.0, 1285N, 8931W, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.6/18, mbtmp3.7/3, Error ellipse: s-maj=276.4km s-min=54.0km az=179.0

CASC 13 05:13:44.6, 2.5, 1325N, 8997W, h32km, 6km, MD4.0

ISCJB 13 05:13:45.2, 2.1, 133N, 02.899W, 01, h43km, 16km, mb4.0/2, Error ellipse: s-maj=39.0km s-min=12.3km az=23.9

ISC 13 05:13:46.1, 3.8, 134N, 02.899W, 01, h31km, 38km, n22, 0.04/10, mb4.0/2, 8C-3D, E. Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NEIC 13 05:13:35.8, 1.3, 696S, 12946E, h100km, mb3.8/2, Error ellipse: s-maj=40.3km s-min=16.3km az=69.0

ISC 13 05:13:40.4, 8.0, 713S, 12942E, h145km, 79km, mb3.3/1, mb1 3.9/5, mb1mx3.5/17, mbtmp3.7/5, Error ellipse: s-maj=84.0km s-min=30.6km az=47.0

ISCJB 13 05:13:43.6, 1.8, 75S, 01.12928E, 007, h157km, 15km, mb3.6/3, Error ellipse: s-maj=19.2km s-min=10.3km az=22.0

ISC 13 05:13:47.2, 1.8, 77S, 01.12925E, 007, h170km, 13km, n11, 151017, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NEIC 13 05:30:31.3, 3240S, 7141W, h15km, ML3.3(GUC), After GUC

GUC 13 05:30:31.3, 0.9, 3240S, 7141W, h15km, 4km, MD3.9, ML3.3, 13C-12D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

BHJ	Bhuj	1.16 247	eP	Pn	06 19 15.8	-2.2
BHJ			eS	Sb	06 19 30.9	-2.0
BHJ			AML	AML	06 19 37.6	
BHJ	comp=N,7,um,0.2s					06 19 37.7
JASL	Jaisalmer	3.19 2	eP	Pn	06 19 46.2	+0.1
AJM	Ajmer	4.43 51	eP	Pn	06 20 04.0	+0.9
AJM			eS	Sb	06 20 54.0	-0.6
BOM	Bombay	5.15 158	eP	Pn	06 20 11.3	-1.8
BOM			eS	Sb	06 21 08.3	-4.0
POO	Poona	5.89 151	eP	Pn	06 20 24.6	+1.4
POO			ex	x	06 21 24.9	
POO	comp=E,65nm,0.6s		AML	AML	06 21 35.7	
AKL	Akola	6.49 116	eP	Pn	06 20 32.6	+1.2
AKL			eS	Sb	06 21 43.6	-1.7
AKL	comp=N,132nm,0.4s		AML	AML	06 22 50.4	
AKL	comp=E,147nm,0.3s		AML	AML	06 22 51.3	
KAD	Karad	7.12 153	eP	Pn	06 20 40.8	+0.7
KAD			eS	Sb	06 21 57.7	+3.6
SONA	Sohna	7.23 50	eP	Pn	06 20 42.6	+1.1
SONA			eS	Sb	06 22 00.8	-2.6
SONA	comp=N,122nm,0.4s		AML	AML	06 22 18.5	
SONA	comp=N,122nm,0.4s		AML	AML	06 22 43.2	
LATR	Latur	7.53 133	eP	Pn	06 20 47.6	+1.9
LATR			ex	x	06 22 41.9	
NDI	New Delhi	7.59 48	eP	Pn	06 20 47.0	+0.5
NDI			eS	Sb	06 22 09.0	-3.3
DRP	Dehradun	8.01 356	eP	Pn	06 20 52.6	+0.3
DRP			S	S	06 22 37.0	+1.4
NGP	Nagpur	8.04 107	eP	Pn	06 20 53.4	+0.6
NGP			eS	Sb	06 22 20.7	-2.8
NGP	comp=N,103nm,0.8s		AML	AML	06 23 40.3	
NGP	comp=E,131nm,0.1s		AML	AML	06 23 45.5	
GOA	Goa	8.66 160	eP	Pn	06 21 06.6	+5.3
GOA			eS	Sb	06 22 38.4	-0.5
THW	Thamme Wali	9.08 5	eP	Pn	06 21 07.6	-0.2
BHK	Bhakra	9.14 32	eP	Pn	06 21 07.6	-0.2
BHK			ex	x	06 23 10.2	
DDI	Dehra Dun	9.22 43	eP	Pn	06 21 09.0	+0.1
DDI			ex	x	06 22 52.0	
SMLA	Simla	9.29 36	iP	Pn	06 21 09.0	0.0
SMLA			ex	x	06 22 50.0	-4.2
SMLA	comp=N,52nm,0.4s		ex	x	06 22 55.6	
SMLA	comp=E,69nm,0.3s		ex	x	06 22 57.8	
SDNR	Sundarnagar	9.48 34	iP	Pn	06 21 14.4	+1.9
SDNR			x	x	06 22 58.4	
HYB	Hyderabad	9.59 129	eP	Pn	06 21 14.5	+0.5
HYB	Hyderabad	9.59 129	iP	Pn	06 21 14.5	+0.5
HYB			eS	Sb	06 22 51.8	
HYB			eS	Sb	06 23 04.0	+2.4
THN	Thein Dam	9.70 25	eP	Pn	06 21 14.8	-0.7
THN			ex	x	06 23 04.1	
DLH	Dalhousie	9.90 26	eP	Pn	06 21 20.0	+1.8
DLH			ex	x	06 23 08.0	
CEP	Cherat	10.11 5	eP	Pn	06 21 21.0	-0.1
CEP	Alahabad	10.14 79	ex	x	06 21 09.0	0.0
LGTI	Lohaghat	10.19 54	eP	Pn	06 21 21.5	-0.7
LGTI			ex	x	06 23 56.2	
PTH	Pithoragarh	10.22 53	eP	Pn	06 21 23.0	+0.3
PTH			eS	Sb	06 23 13.0	-4.1
JOSI	Joshi	10.35 47	eP	Pn	06 21 26.4	+2.1
JOSI			eS	Sb	06 21 15.3	-4.8
KBL	Kabul	10.89 352	ePn	Pn	06 21 31.5	-0.3
KBL			eS	Sb	06 23 29.2	-4.2
KBL			eS	Sb	06 21 48.8	-1.1
KOLD	Koldanda	12.21 68	eP	Pn	06 23 29.2	-4.2
KOLD	comp=E,138nm,0.7s		Pn	Pn	06 21 52.6	-1.5
DANN	Dangising	12.52 66	eP	Pn	06 24 09.7	-3.8
DANN			eS	Sb	06 22 00.8	-2.1
GKN	Gorkha	13.16 68	eP	Pn	06 22 04.3	-2.7
DMN	Daman	13.46 70	eP	Pn	06 22 06.8	-2.8
KKN	Kakani	13.66 70	eP	Pn	06 22 06.8	-2.8
KKN	comp=E,75nm,0.7s		Pn	Pn	06 22 07.9	-2.4
PKIN	Phulchoki	13.71 71	eP	Pn	06 22 07.7	-2.7
PKI	Pulchoki	13.72 71	eP	Pn	06 22 07.7	-2.7
PKI	comp=E,61nm,0.5s		Pn	Pn	06 22 14.0	-3.0
GUN	Gumba	14.20 70	eP	Pn	06 22 14.0	-3.0
JIRN	Jiri	14.41 71	eP	Pn	06 22 16.2	-3.7
JIRN	comp=E,45nm,1.0s		Pn	Pn	06 22 19.6	-3.4
RAMN	Ramite	14.64 74	eP	Pn	06 22 29.2	-3.0
RAMN	comp=E,152nm,0.7s		Pn	Pn	06 22 32.9	-4.0
ODAN	Odare	15.32 75	eP	Pn	06 22 32.9	-4.0
ODAN	comp=E,76nm,0.7s		Pn	Pn	06 22 32.9	-4.0
TAPN	Taplejung	15.68 73	eP	Pn	06 22 32.9	-4.0
TAPN	comp=E,76nm,0.9s		Pn	Pn	06 23 19.8	+0.1
LSA	Lhasa	19.11 67	eP	Pn	06 23 21.3	+1.5
LSA	Lhasa	19.11 67	eP	Pn	06 23 21.3	+1.5
LSA	comp=E,32nm,0.9s		Pn	Pn	06 23 21.3	+1.6
LSA			pmx	pmx		
SHL	Shilong	19.25 80	eP	Pn	06 23 21.0	-0.4
TKM2	Tokmak 2	19.56 11	eP	Pn	06 23 24.7	-0.2
TKM2	comp=E,5.4nm,0.7s		Pn	Pn	06 23 24.7	-0.2
TKM2			eP	Pn	06 23 30.7	+3.2
TKM2			pmx	pmx	06 23 24.7	-0.2
RDF	AI-Radifiah	21.47 289	eP	Pn	06 23 45.8	+1.3
RDF			AMB	AMB	06 23 51.1	
MIB	Mutribah	21.80 291	eP	Pn	06 23 47.3	-0.7
MIB			AMB	AMB	06 23 50.2	
WMQ	Urumsji	24.39 31	P	P	06 24 14.3	+0.3
WMQ	comp=Z,3.0nm,1.0s,mb3.7		LR	LR		
WMQ	comp=N,41nm,18.0s,MS3.6		LR	LR		
WMQ	comp=E,169nm,15.0s,MS3.6		LR	LR		
MK31	Makanchi Array	24.80 19	eP	P	06 24 18.0	+0.2
MKAR	Makanchi Array	24.80 19	P	P	06 24 18.4	+0.6
MKAR			P	P	06 34 45.1	
MKAR	comp=Z,2.9nm,0.9s,mb3.8,baz=200,slow=10,SNR=11		LR	LR	06 24 18.4	+0.6
MKAR			LR	LR	06 34 45.1	
CHTO	Chiang Mai	25.74 96	P	P	06 24 36.5	+1.7
CHTO	comp=Z,2.7nm,0.3s,mb3.7,baz=278,slow=9.9,SNR=5.5		P	P	06 24 36.5	+1.7
CHTO	comp=Z,2.7nm,0.3s,mb3.7,baz=278,slow=9.9,SNR=5.5		P	P	06 24 36.5	+1.7
CHTO	comp=Z,3.0nm,0.6s,mb4.0		P	P	06 24 36.9	+1.2
CHTO	comp=Z,3.0nm,0.6s,mb4.0		P	P	06 36 45.6	
GNI	Garni	27.38 313	LR	LR	06 24 39.3	-1.9
GNI	comp=Z,11nm,1.7s		pmx	pmx		
KURK	Kurchatov	27.62 11	P	P	06 24 43.8	+0.5
KURK	comp=Z,2.1nm,0.9s,mb3.8		P	P	06 24 43.8	+0.5
KURK			pmx	pmx		
KURK	comp=Z,2.0nm,0.9s,mb3.8		P	P	06 24 52.1	+1.4
AKTK	Aktubinsk	28.47 343	P	P	06 37 10.9	
AKTK			LR	LR	06 24 52.1	+1.4
AKTO	Aktubinsk	28.47 343	P	P	06 37 10.9	
AKTO	comp=Z,1.2nm,0.6s,mb3.7,baz=134,slow=4.7,SNR=5.2		P	P	06 37 10.9	
AKTO			P	P	06 24 58.4	+2.0
GTA	Gaotai	29.09 51	eP	Pn	06 25 12.1	+1.4
GTA			XP	XP	06 25 04.8	+2.4
GTA	comp=Z,3.0nm,1.1s,mb3.9		LR	LR		
GTA	comp=N,250nm,15.7s,MS4.3		LR	LR		

GTA	comp=E,525nm,16.4s,MS4.3	LR	LR		
GTA	comp=Z,2.15nm,15.7s,MS3.9	LR	LR		
BVAR	Borovy Array 29.26 359	LR	LR	06 37 58.9	
BVAR	comp=Z,2.61nm,20.7s,MS3.2,baz=295,slow=39	LR	LR		
KIV	Kislovodsk 30.63 318f	eP	P	06 25 07.6	-2.5
KIV		pmx	pmx		
ZALV	Zalesovo Beam 31.96 16	P	P	06 25 23.8	+2.2
ZALV	comp=Z,3.0nm,0.4s,mb4.5	P	P	06 25 23.8	+2.0
ZALV	Zalesovo Beam 31.98 16	P	P	06 29 24.8	
ZALV	comp=Z,0.9nm,0.4s,mb3.9,baz=217,slow=7.6,SNR=4.0	LR	LR	06 25 23.8	+2.0
ZALV	comp=Z,2.96nm,19.7s,MS3.5,baz=216,slow=38	LR	LR	06 39 24.8	
ARU	Arti 33.88 348c	iP	P	06 25 37.8	-0.6
ARU		eS	Sb	06 26 49.0	-7.0
ARU		eS	SS	06 30 55.3	-7.0
ARU		pmx	pmx	06 33 06.0	-2.3
ZAK	Zakamensk 36.65 35	eP	P	06 26 04.1	+1.8
ZAK	comp=Z,7.0nm,1.0s,mb4.5	pmx	pmx		
SONM	Songino Array 37.09 41	P	P	06 26 08.9	+2.8
SONM	comp=Z,4.9nm,0.7s,mb4.4,baz=234,slow=8.7,SNR=22	P	P		
TLY	Talaya 37.58 34	P	P	06 26 11.6	+1.3
TLY	Talaya 37.58 34j	pmx	pmx	06 26 12.0	+1.8
TLY	comp=Z,2.0nm,1.0s,mb3.8	pmx	pmx		
OBN	Obninsk 40.30 330	P	P	06 26 32.1	-0.8
OBN	Obninsk 40.30 330f	P	P	06 26 32.6	-0.3
OBN		iPP	pP	06 26 49.2	+1.2
OBN	comp=Z,8.0nm,0.5s,mb4.7	pmx	pmx		
OLBR	Olbr 40.30 330	MLR	MLR		
OLBR	comp=Z,100nm,18.0s,MS3.7	MLR	MLR		
KLIMR	Klimovskoe 42.93 338	eP	P	06 26 52.6	-1.8
KLIMR	comp=Z,1.3nm,1.3s,mb4.5	pmx	pmx		
NJ2	Nanjing 42.98 68	eP	P	06 26 57.3	+2.0
HIA	Hailar 45.84 44j	eP	P	06 27 19.4	+1.5
KRS	Korea Array 50.34 60	P	P	06 27 52.6	-2.2
KRS	comp=Z,0.9nm,0.4s,mb4.2,baz=263,slow=7.4,SNR=4.5	P	P		
GERES	GERES Array B 51.02 314	P	P	06 27 58.8	+1.1
GERES	comp=Z,0.3nm,0.3s,mb3.8,baz=98,slow=5.1,SNR=6.5	P	P		
GERES	comp=Z,0.4nm,0.2s,baz=111,slow=3.3,SNR=3.4	P	P	06 29 14.7	+1.0
KHC	Kasperske Hory 51.14 315f	eP	P	06 27 57.8	-0.9
ARCES	ARCES Array B 53.05 342	P	P	06 28 31.1	+0.6
ARCES	comp=Z,3.5nm,0.8s,mb4.3,baz=130,slow=5.1,SNR=6.5	LR	LR	06 53 58.3	
KLR	Kul'dur 53.57 45	eP	P	06 28 12.2	-4.5
NOA	NORSAR Array B 54.89 329	P	P	06 28 25.1	-1.1
NOA	comp=Z,1.6nm,0.8s,mb4.7,baz=106,slow=7.2,SNR=4.1	LR	LR	06 56 34.9	
NOA	comp=Z,4.9nm,18.7s,MS3.6,baz=30,slow=41	LR	LR		
TIXI	Tiksi 57.79 19f	eP	P	06 28 45.6	-1.1
TIXI		pmx	pmx		
ESDC	Warramunga Array 75.61 120	eP	P	06 29 28.8	+0.1
ESDC	comp=Z,0.3nm,0.3s,mb3.8,baz=53,slow=8.1,SNR=4.5	P	P		
TORD	Torodi Ar. Bea 65.88 274	P	P	06 29 41.9	-0.2
TORD	comp=Z,4.3nm,0.7s,mb4.6,baz=79,slow=5.1,SNR=28	P	P		
WRA	Warramunga Arr 75.60 120	iP	P	06 30 41.8	+0.7
WRA	comp=Z,3.3nm,0.9s,mb4.2,baz=312,slow=5.6,SNR=22	P	P		
WRA	Warramunga Arr 75.60 120	iP	P	06 30 41.7	+0.6
WRA	comp=Z,4.0nm,0.9s	pmx	pmx		
WRAB	Tennant Creek 75.60 120	eP	P	06 30 41.3	+0.2
WRAB	comp=Z,5.0nm,0.9s,mb4.4	pmx	pmx		
WRAB	Tennant Creek 75.60 120	eP	P	06 30 41.3	+0.2
WRAB	comp=Z,5.0nm,0.9s,mb4.4	pmx	pmx		
WB2	Warramunga Arr 75.61 120	eP	P	06 30 41.2	0.0
ASAR	Alice Springs 77.26 123	P	P	06 30 51.3	+0.9
IMA2	Indian Mountain 84.35 17	P	P	06 31 27.4	-0.2
TXAR	Laitias Array 126.99 354	PKP	PKP	06 38 02.1	+1.6
TXAR	comp=Z,0.5nm,1.0s,baz=120,slow=2.0,SNR=4.6	PKP	PKP		

ISJCJB 13 06:35:15.2,0.6,260S:0.1x70BE:02,h10km,mb4.1/12, MS3.8/6, Error ellipse: s-maj=21.4km s-min=16.1km az=0.3

ISJCJB 13 06:35:15.5,0.7,260S:0.707E:h0km,mb4.2/10, mb1.4/10,mb1mx4.2/22,mbtmp4.2/10,MS3.7/6, Ms1.3/7.6,ms1mx3.4/28, Error ellipse: s-maj=28.9km s-min=18.7km az=95.0

NEIC 13 06:35:16.9,0.5,260S:0.707E:h10km,mb4.3/2, Error ellipse: s-maj=19.0km s-min=14.7km az=89.0

ISJCJB 13 06:35:17.3,0.6,260S:0.1x70BE:02,h10km,n22,c0E75/14, mb4.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Sogino Array, SONM Malin Array, etc.

NEIC 13 07:32:52.0, 1699N:10013W, h5km, MD3.6(MEX), After MEX.

MEX 13 07:32:51.8±1.6, 1700N:10013W, h2km±14km, MD4.0, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, etc.

NEIC 13 07:36:12.8, 1623N:9840W, h0km, MD3.6(MEX), After MEX.

MEX 13 07:36:13.2±0.6, 1623N:9838W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, CAIG El Cayaco, etc.

IDC 13 07:49:14.3±3.9, 550S:15067E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/15, mbtmp3.6/3, MS3.0/1, Ms1 3.0/1, ms1mx2.7/17, Error ellipse: s-maj=125.3km s-min=50.0km az=105.0, New Britain region

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

PGC 13 07:50:18.1±12.0, 5111N:13077W, h10km, MLSn3.3/13, MW3.9, BD, 216km Wsw of Bella Bella, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HOLB Holberg, BBB Bella Bella, EPBC Brooks Peninsula, etc.

IDC 13 07:56:02.0±3.7, 548S:15047E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/16, mbtmp3.7/4, Error ellipse: s-maj=107.3km s-min=29.0km az=108.0, New Britain region

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

TJR 13 07:57:15.4±1.0, 3941N:2005E, h6km, 13km

ISCJB 13 07:57:16.4±0.5, 3932N:001:2018E:003, h0km, 3km, Error ellipse: s-maj=4.2km s-min=2.5km az=176.4

CSEM 13 07:57:16.8±0.2, 3934N:2013E, h2km, ML3.9, Error ellipse: s-maj=4.3km s-min=2.5km az=96.0

THE 13 07:57:17.7, 3931N:2024E, h0km, ML3.9

NEIC 13 07:57:17.4, 3929N:2024E, h16km, MD3.6(ATH), ML3.9(7HE), After ATH.

ATH 13 07:57:17.0, 3931N:2025E, h14km±2km, MD3.6/8

ISC 13 07:57:17.4±0.5, 3932N:002:2020E:003, h1km, 3km, n51, 0588/86, 2C, Greece-Albania border region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

IDC 13 08:11:29.7±19.0, 553S:14929E, h263km±209km, mb2.8/3, mb1 2.8/3, mb1mx2.7/15, mbtmp2.9/3, MS2.8/1, Ms1 2.8/1, ms1mx48.5km az=110.0, New Britain region

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

IDC 13 08:27:12.8±17.0, 3630N:7067E, h195km±162km, mb3.1/2, mb1 3.1/4, mb1mx2.8/23, mbtmp3.0/4, ML3.7/1, Error ellipse: s-maj=105.0km s-min=52.2km az=21.0

ISCJB 13 08:27:13.9±0.7, 3647N:007:70E:01, h218km, 11km, Error ellipse: s-maj=15.5km s-min=11.5km az=17.0

NEIC 13 08:27:14.9±0.8, 3646N:7075E, h211km, 11km, Error ellipse: s-maj=24.0km s-min=11.9km az=115.0

NCC 08:27:19.9±1.0, 3700N:707E, h193km±21km, mb2.5, mpv3.5, Error ellipse: s-maj=141.3km s-min=75.6km az=15.0

ISC 13 08:27:16.2±0.8, 3671N:007:704E:01, h187km±14km, n11, 0572/15, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBL Kabul, AML Almayashu, UCH Uchtor, etc.

IDC 13 08:53:01.2±2.7, 091N:12606E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/17, mbtmp3.5/3, Error ellipse: s-maj=297.4km s-min=27.1km az=65.0, Northern Molucca Sea

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

0.3nm, 0.3s, baz=346, slow=12, SNR=9.9

MKAR Makanchi Array 59.49 327 P 09 03 06.4 +0.3

ISCJB 13 09:08:28.2±0.8, 7614N:005:91E:03, h10km, mb3.6/5, MS3.4/1, Error ellipse: s-maj=12.1km s-min=6.9km az=168.4

BER 13 09:08:29.7±2.9, 7630N:789E, h10km, MD3.3, ML2.2, ML2.6(NAO)

IDC 13 09:08:29.2±1.0, 7625N:826E, h0km, mb3.6/5, mb1 3.8/7, mb1mx3.6/23, mbtmp3.6/7, ML3.4/2, MS3.4/16, Ms1 3.4/16, ms1mx3.2/35, Error ellipse: s-maj=15.9km s-min=12.0km az=77.0

CSEM 13 09:08:30.0±0.3, 7626N:771E, h10km, ML2.2, Error ellipse: s-maj=10.1km s-min=5.0km az=73.0

NEIC 13 09:08:30.9±1.2, 7630N:886E, h10km, ML2.6(NAO), ML2.2(BEF), Error ellipse: s-maj=22.0km s-min=10.8km az=76.0

NAO 13 09:08:31.9±3.8, 7628N:927E, ML2.6

ISC 13 09:08:30.3±0.8, 7622N:005:91E:03, h10km, n28, 0136/24, mb3.6/5, MS3.4/12, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPB4 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, etc.

ISC 13 12:47:03.0, 4.3975S, 005.17394E, 008, h227km, 5km, m127, c087/134, mb3.8/4, Off west coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like NWEZ, NWEZ, NEZ, NEZ, etc.

BUI 13 12:52:34.6, 2954N, 9873E, h47km, mb4.4, ML3.8, Ms4.2, Ms2.0

NEIC 13 12:52:38.1, 1.6, 2963N, 9892E, h48km, mb4.2/4, Error ellipse: s-maj=19.8km s-min=7.9km az=66.0

ISC 13 12:52:36.0, 2.0, 2960N, 005.9870E, 005, h28km, 17km, n6.0, c104/56, mb4.0/1.6, MS3.5/1.2, 1C-1D, Xizang

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

comp=Z,31nm,19.4s,MS3.5,baz=83,slow=36

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

comp=Z,15nm,18.7s,MS3.4,baz=255,slow=37

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

ISC 13 13:05:02.0, 1.4, 485N, 0.1, 1546E, 0.2, h60km, 13km, mb3.7/9, Error ellipse: s-maj=22.8km s-min=8.7km

MOS 13 13:05:02.0, 1.4, 4849N, 15458E, h64km, mb4.0/6, Error ellipse: s-maj=21.5km s-min=11.7km az=75.2

IDC 13 13:05:04.3, 3.2, 4834N, 15470E, h68km, mb3.4/7, mb1 3.7/9, mb1mx3.5/2.2, mbtmp3.4/9, ML3.6/2, MS2.7/1, Ms1 2.7/1, ms1mx2.4/2.3, Error ellipse: s-maj=32.1km s-min=17.4km az=132.0

ISC 13 13:05:04.8, 1.3, 485N, 0.1, 1546E, 0.2, h70km, 11km, n20.0, c107/23, mb3.6/2, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Severo-Kuril's, Severo-Kuril's, etc.

BUI 13 13:23:10.4, 485N, 9428E, h45km, mb4.8, mb5.0

NEIC 13 13:23:13.1, 0.5, 507N, 9398E, h30km, mb4.6/6, Error ellipse: s-maj=18.0km s-min=7.5km az=62.0

NEIC Felt (I) at Banda Aceh

DJA 13 13:23:16.5, 543N, 9432E, h33km, ML4.8/1, IDC 13 13:23:17.1, 1.8, 530N, 9427E, h57km, 73km, mb4.2/1.1, mb1 3.6/2, mb1mx4.0/2.0, mbtmp4.2/1.2, ML4.9/1, MS3.6/2, Ms1 3.6/2, ms1mx3.4/2.9, Error ellipse: s-maj=46.8km s-min=13.0km az=07.0

ISCJB 13 13:23:20.5, 3.7, 53N, 0.1, 944E, 0.1, h105km, 32km, mb4.6/28, Error ellipse: s-maj=28.3km s-min=9.4km az=140.6

ISC 13 13:23:19.3, 3.4, 53N, 0.1, 943E, 0.1, h79km, 29km, n40.0, c067/39, mb4.6/28, 3C, Northern Sumatra

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

IDC 13 12:52:31.5, 0.8, 2978N, 9919E, h0km, mb3.8/1.1, mb1 4.0/1.2, mb1mx3.9/2.3, mbtmp3.8/1.2, ML3.6/1.1, MS3.5/1.3, Ms1 3.5/1.3, ms1mx3.4/3.7, Error ellipse: s-maj=26.1km s-min=15.5km az=63.0

ISCJB 13 12:52:33.6, 1.9, 2955N, 005.9865E, 005, h27km, 16km, mb4.0/1.6, MS3.5/1.2, Error ellipse: s-maj=7.7km s-min=6.9km az=5.7

MOS 13 12:52:34.1, 0.9, 2958N, 9871E, h33km, mb4.4/8, Error ellipse: s-maj=22.3km s-min=10.9km az=108.6

13d 15h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like SONGMO Songo Array, KSRS Korea Array, WRA Warramunga Arr, etc.

CSEM 13 14:21:54.5, 3480N-2564E, h13km, MD3.6/6, After ATH
NEIC 13 14:21:54.5, 3480N-2564E, h13km, MD3.6(ATH), After ATH.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like XRY Khrisi, NPS Neapolis, etc.

ISCJB 13 14:52:49.8, 0.6, 5267N-006.9857E, 0.04, h10km, mb3.9/2, Error ellipse: s-maj=9.5km s-min=3.1km az=9.2
MOS 13 14:52:55.8, 3.5, 5256N-9788E, h10km, mb4.4/2, Error ellipse: s-maj=25.7km s-min=11.9km az=20.5

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ORL Oriki, MOY Mondy, ARS Arshan, etc.

2007 JUL

Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like FFNB Z31nm,0.6s, ZRHZ Zarechye, HRMR Khuramsha, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like MTLF 177nm,0.4s,SNR=1.0, FDFP Les Forges d'A, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like Warramunga Arr, Tennant Creek, Fitzroy Crossi, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like Bilibino, Baijiatuu, Chengdu, Lanzhou, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like Colim, Berggiesshubel, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes Mozambique section.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes Mozambique section.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes Mozambique section.

KBL	Kabul	2.63 225	ePn	Pn	16 57 45.6	-1.2
CEP	Cherat	2.64 169	P	Pn	16 57 48.1	+1.2
CHCP	Chirah Chowk	3.19 149	P	Pn	16 57 56.6	+2.4
THW	Thamme Wali	3.64 174	P	Pn	16 58 00.9	+0.7
THW	Thamme Wali	3.64 174	S	Pn	16 58 03.4	+0.8
SRP	Sargodha	4.63 165	P	Pn	16 58 14.0	+0.5
THN	Thein Dam	5.39 136	eP	Pn	16 58 23.7	-0.2
THN	Thein Dam	5.39 136	eS	Pn	16 59 23.9	-0.8
DLH	Dalhousie	5.46 134	eP	Pn	16 58 26.0	+1.3
DLH	Dalhousie	5.46 134	ex	Pn	16 59 30.0	
AML	Almalyashu	5.99 17	ePn	Pn	16 58 33.1	+1.2
AML	Almalyashu	5.99 17	eS	Pn	16 59 39.3	+0.2
UCH	Uchtor	6.31 22	ePn	Pn	16 58 37.3	+1.2
UCH	Uchtor	6.31 22	eS	Pn	16 59 44.5	-2.2
EKS2	Erkin-Say	6.52 16	ePn	Pn	16 58 40.0	+1.0
EKS2	Erkin-Say	6.52 16	eS	Pn	16 59 52.0	+0.2
KK31	Karatomy Array	6.70 355	IP	Pn	16 58 41.1	-0.4
KK31	Karatomy Array	6.70 355	IP	Pn	16 59 53.1	-3.2
KK31	Karatomy Array	6.70 355	ePn	Pn	16 58 41.0	-0.5
KK31	Karatomy Array	6.70 355	ePn	Pn	16 58 41.1	-0.4
SDNR	Sundarnagar	6.80 135	eP	Pn	16 58 43.0	+0.1
SDNR	Sundarnagar	6.80 135	eS	Pn	16 59 57.0	-1.8
SMLA	Simla	7.18 136	P	Pn	16 58 48.5	+0.4
SMLA	Simla	7.18 136	ex	Pn	17 00 03.9	-4.3
SMLA	Simla	7.18 136	ex	Pn	17 00 08.8	
SMLA	Simla	7.18 136	ex	Pn	17 00 09.2	
TKM2	Tokmak 2	7.28 26	IP	Pn	16 58 50.9	+1.5
TKM2	Tokmak 2	7.28 26	IP	Pn	17 00 11.9	+1.5
TKM2	Tokmak 2	7.28 26	ePn	Pn	16 58 50.6	+1.2
TKM2	Tokmak 2	7.28 26	ePn	Pn	16 58 50.6	+1.2
KLP	Kalpa	7.55 128	eP	Pn	16 58 54.5	+1.4
KLP	Kalpa	7.55 128	eS	Pn	17 00 12.9	-4.1
KLP	Kalpa	7.55 128	AML	AML	17 01 10.5	
KLP	Kalpa	7.55 128	AML	AML	17 01 13.2	
KUDL	Kundal	9.34 151	eS	Pn	17 00 53.5	-7.2
SONA	Sohna	9.50 147	ex	Pn	17 00 49.8	
SONA	Sohna	9.50 147	AML	AML	17 01 15.9	
SONA	Sohna	9.50 147	AML	AML	17 01 16.3	
MKAR	Makanchi Array	13.21 35	Pn	Pn	17 00 09.4	+0.4
KOLN	Koldanda	13.52 126	P	Pn	17 00 10.5	-2.6
DMN	Daman	14.62 123	eP	Pn	17 00 25.8	-1.5
KKN	Kakani	14.62 122	eP	Pn	17 00 25.6	-1.8
KURK	Kurchatov	15.23 181	IP	Pn	17 00 37.6	+2.8
AB09	Abulak array	15.29 331	IP	Pn	17 00 32.8	-2.8
AB09	Abulak array	15.29 331	IP	Pn	17 03 11.9	-2.2
JIRN	Jiri	15.33 121	eP	Pn	17 00 34.6	-1.7
JIRN	Jiri	15.33 121	eP	Pn	17 00 34.6	-1.7
RAMN	Ramite	16.06 122	eP	Pn	17 00 43.9	-1.5
VOSK	Vostochnaya	16.30 359	IP	Pn	17 00 46.1	-2.1
VOSK	Vostochnaya	16.30 359	IP	Pn	17 03 35.4	-1.9
ZRKN	Zerentse	16.61 355	IP	Pn	17 00 48.8	-3.1
ZRKN	Zerentse	16.61 355	IP	Pn	17 03 49.9	-1.1
BVAR	Borovyoye Array	16.61 355	Pn	Pn	17 00 52.1	+0.1
BVAR	Borovyoye Array	16.61 355	Pn	Pn	17 03 48.4	-7.9
BRVK	Borovyoye	16.65 358	ePn	Pn	17 00 50.3	-2.2
BRVK	Borovyoye	16.65 358	eP	Pn	17 00 50.3	-2.1
BRVK	Borovyoye	16.65 358	eP	Pn	17 00 50.3	-2.1
AKTK	Aktyubinsk	16.97 330	P	Pn	17 00 55.3	-1.1
AKTK	Aktyubinsk	16.97 330	P	Pn	17 03 53.2	-1.2
AKTO	Aktyubinsk	16.97 330	IP	Pn	17 00 55.4	-1.0
AKTO	Aktyubinsk	16.97 330	IP	Pn	17 03 47.8	-1.8
AKTO	Aktyubinsk	16.97 330	IP	Pn	17 00 55.3	-1.1
AKTO	Aktyubinsk	16.97 330	IP	Pn	17 03 53.2	-1.2
ZAL	Zalesovo	19.87 24	P	Pn	17 01 29.3	+1.1
ZAL	Zalesovo	19.87 24	P	Pn	17 01 29.3	+1.0
GRU	Gorkha	21.79 341	eP	Pn	17 01 51.5	+2.8
ARU	Artyukov	21.79 341	eS	Pn	17 05 43.5	+0.2
AKASG	Malin Array Be	33.19 309	P	Pn	17 03 32.7	+0.7
AKASG	Malin Array Be	33.19 309	P	Pn	17 03 35.5	+1.5
ARCES	ARCES Array B	41.31 338	P	Pn	17 04 42.3	+2.0
YAK	Yakutsk	43.89 351	eP	Pn	17 05 08.4	+7.2
YAK	Yakutsk	43.89 351	eP	Pn	17 05 08.4	+7.2
NB2	NORSAR Subarra	44.59 323	P	Pn	17 05 08.2	+1.4
NOA	NORSAR Array B	44.59 323	P	Pn	17 05 08.2	+1.3
BILL	Bilibino	58.57 261	eP	Pn	17 07 00.2	+9.5
BILL	Bilibino	58.57 261	eP	Pn	17 07 20.4	+3.7
BILL	Bilibino	58.57 261	eP	Pn	17 07 20.4	+3.7
TORD	Torodi Ar. Bea	65.97 269	P	Pn	17 07 39.1	-1.7
YKA	Yellowknife Ar	81.31 3	P	Pn	17 09 12.6	+2.8
WRA	Warramunga Arr	81.74 122	P	Pn	17 09 14.0	+1.3
ASAR	Alice Springs	84.00 125	P	Pn	17 09 26.0	+1.8
ASAR	Alice Springs	84.00 125	P	Pn	17 09 26.0	+1.8

ICD 13 17:53:45.4:2.2,344N:12661E,h0km,mb3.5/3,mb1 3.6/3,mb1mx3.4/17,mbtmp3.5/3, Error ellipse: s-maj=178.4km s-min=27.7km az=66.0, Talaud Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	24.44 162	P	17 09 05.7	-0.3
ASAR	Alice Springs	27.86 166	P	17 09 37.5	+0.6
MKAR	Makanchi Array	57.73 325	P	18 03 37.9	-0.1

CSEM 13 18:02:59.0:0.9,3732N:2466W,h5km,ML2.7, Error ellipse: s-maj=5.8km s-min=2.7km az=78.0, After PDA
PDA 13 18:02:59.0:0.9,3732N:2466W,h5km,MD3.5,ML2.7, Error ellipse: s-maj=5.8km s-min=2.7km az=78.0, Azores Islands region

PSET	Sete Cidades	0.98 301	eP	Pg	18 03 26.4	-4.1
PSET	Sete Cidades	0.98 301	eS	Pg	18 03 26.4	-4.1
PMAN	Manadas	3.01 297	eP	Sn	18 04 15.4	-8.3
PMAN	Manadas	3.01 297	eS	Sn	18 04 15.4	-8.3
PMAN	Manadas	3.01 297	eP	Sn	18 04 15.4	-8.3
PMAN	Manadas	3.01 297	eS	Sn	18 04 15.4	-8.3
ROSA	Rosais	3.15 297	eP	Sn	18 03 45.7	-3.6
ROSA	Rosais	3.15 297	eS	Sn	18 04 19.6	-7.7
PICO	Pico	3.20 293	eP	Sn	18 03 46.6	-3.3
PICO	Pico	3.20 293	eS	Sn	18 04 21.6	-6.9
CALA	Caldeira	3.43 293	eP	Sn	18 03 49.5	-3.6
CALA	Caldeira	3.43 293	eS	Sn	18 04 26.8	-7.4

ISC/JB 13 18:03:19.9:1.6,2667N:006:10897E:0.05,h3km:1.0km,mb3.8/13, Error ellipse: s-maj=9.9km s-min=6.2km az=158.0
IDC 13 18:03:21.7:0.9,2661N:10886E,h0km,mb3.8/10,mb1 4.0/11,mb1mx3.9/22,mbtmp3.8/11,ML3.5/1, Error ellipse: s-maj=37.9km s-min=17.7km az=58.0
NEIC 13 18:03:22.7:0.7,2651N:10870E,h10km,mb4.2/4, Error ellipse: s-maj=22.6km s-min=11.1km az=62.0
BUJ 13 18:03:22.2:2.666N:10887E,h10km,mb4.7,mb4.5,ML3.8
ISC 13 18:03:22.9:1.6,2667N:005:10895E:0.04,h10km:1.0km,n40,ϕ1512/47,mb3.8/13,Southeastern China

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GYA	Guiyang	2.06 265	Op	18 03 57.3	-0.2
GYA	Guiyang	2.06 265	S	18 04 23.0	+0.1
GYA	Guiyang	2.06 265	SG	18 04 23.0	0.0
GYA	Guiyang	2.06 265	Smax	18 04 23.0	0.0
KMI	Kunming	5.80 256	P	18 04 48.3	-0.7
KMI	Kunming	5.80 256	S	18 05 56.8	+1.2
KMI	Kunming	5.80 256	Smax	18 05 56.8	+1.2
WHN	Wuhan	6.12 50	eP	18 04 53.6	+0.2
WHN	Wuhan	6.12 50	eS	18 04 53.6	+0.2
CD2	Chengdu	6.22 314	P	18 04 55.4	+0.7
CD2	Chengdu	6.22 314	PG	18 05 05.9	-5.3
CD2	Chengdu	6.22 314	S	18 06 04.3	-1.5
CD2	Chengdu	6.22 314	Smax	18 06 04.3	-1.5
XAN	Xian	7.35 360	P	18 05 09.8	-0.4
XAN	Xian	7.35 360	SG	18 07 02.8	+4.6
XAN	Xian	7.35 360	Smax	18 07 02.8	+4.6
QIZ	Qiongzong	7.64 174	ePn	18 05 12.0	-2.3
QIZ	Qiongzong	7.64 174	eSg	18 05 12.0	-2.3
NJ2	Nanjing	10.17 56	eP	18 05 57.0	+8.1
NJ2	Nanjing	10.17 56	eSg	18 05 57.0	+8.1
LZH	Lanzhou	10.35 336	eP	18 05 52.5	+1.1
LZH	Lanzhou	10.35 336	AP	18 06 01.6	
LZH	Lanzhou	10.35 336	XP	18 06 05.0	
LZH	Lanzhou	10.35 336	AMB	18 06 05.0	
CMAR	Chiang Mai Arr	12.33 231	Pn	18 06 21.7	+3.1
GTA	Gaotai	14.83 331	eP	18 06 51.3	-1.3
GTA	Gaotai	14.83 331	AP	18 06 59.8	-1.4
GTA	Gaotai	14.83 331	XP	18 07 04.1	+1.6
GTA	Gaotai	14.83 331	AMB	18 07 04.1	+1.6
LSA	Lhasa	15.98 285	P	18 07 07.0	-0.9
LSA	Lhasa	15.98 285	ePn	18 07 07.2	-0.7
TAPN	Taplejung	18.94 277	eP	18 07 46.4	+1.7
ODAN	Odare	19.25 275	eP	18 07 48.5	+0.0
KSR	Korea Arr	19.31 51	P	18 07 49.5	+0.4
RAMN	Ramite	19.95 276	eP	18 07 56.0	-0.8
JIRN	Jiri	20.27 278	eP	18 08 00.1	+1.4
GUN	Gumbha	20.54 279	eP	18 08 02.9	+1.3
PKI	Pulchoki	20.97 278	eP	18 08 05.6	+0.3
KKN	Kanakani	21.07 278	eP	18 08 07.6	+0.2
SONM	Songino Array	21.23 355	P	18 08 10.4	+1.6
DMN	Daman	21.24 278	eP	18 08 08.7	-0.4
GOR	Gorkha	21.64 279	eP	18 08 13.2	-0.2
MK1	Makanchi Array	29.10 321	P	18 09 23.2	-0.4
MKAR	Makanchi Array	29.10 321	P	18 09 25.9	+2.3
ZALV	Zalesovo Beam	32.57 333	P	18 09 54.5	+0.4
AML	Almalyashu	32.65 307	P	18 09 53.2	-1.9
KURK	Kurchatov	33.32 324	eP	18 09 59.0	-1.8
KBL	Kabul	35.06 293	eP	18 10 13.1	-3.0
BVAR	Borovyoye Array	38.89 323	P	18 10 49.5	+1.2
AKTK	Aktyubinsk	45.27 316	P	18 11 39.5	-0.9
AKTO	Aktyubinsk	45.27 316	P	18 11 39.5	-0.9
WRA	Warramunga Arr	52.47 149	P	18 12 37.4	+1.4
ASAR	Alice Springs	55.55 152	P	18 12 58.1	-0.4
ARCES	ARCES Array B	61.01 337	P	18 13 49.9	+0.3
NB2	NORSAR Subarra	70.65 329	P	18 14 37.9	-0.5
NOA	NORSAR Array B	70.65 329	P	18 14 37.7	-0.7
NOA	NORSAR Array B	70.65 329	P	18 14 37.7	-0.7
YKA	Yellowknife Ar	84.59 19	P	18 15 56.3	+0.1
YKA	Yellowknife Ar	84.59 19	P	18 15 56.3	+0.1

BUI 13 19:56:9,1984N:12123E,h14km,mb4.9,mb4.5,Ms4.4,Ms2.0
ISC/JB 13 19:57:9.0:3,1988N:002:12142E:0.05,h33km,mb4.4/33,MS3.6/11, Error ellipse: s-maj=6.3km s-min=3.3km az=167.1

MAN 13 19:57:1994N:12114E,h14km,mb4.7,ML3.6,MS3.6
NEIC 19:59:22.5:1.075N:12130E,h34km,19km,mb4.5/19, Error ellipse: s-maj=9.4km s-min=5.9km az=66.0
IDC 13 19:20:01.4:5.1,1980N:12138E,h57km,49km,mb4.0/12,mb1 4.2/13,mb1mx4.1/19,mbtmp4.0/13,ML4.2/11,MS3.6/8,Ms1 3.6/8,ms1mx3.4/30, Error ellipse: s-maj=25.0km s-min=11.7km az=73.0

ISC 13 19:20:00.1:0.3,1990N:002:12131E:0.05,h35km,n74,ϕ131/83,mb4.4/33,MS3.6/11,1C-6D,Philippine Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PIP	Pasauquin	1.69 203	IP	19 20 25.9	-1.4
PIP	Pasauquin	1.69 203	IP	19 20 44.7	-3.0
SGCP	Mt. Cagua	1.79 157	eP	19 20 28.9	+0.4
SGCP	Mt. Cagua	1.79 157	eS	19 20 31.7	0.0
APYP	Conner	2.02 182	eP	19 20 31.1	+2.2
APYP	Conner	2.02 182	eS	19 20 31.1	+2.2
SIPP	Brgy. Tapao	2.12 203	eP	19 20 31.	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, KBL Kabul, FORT Forrest, etc.

DJA 13 19:24:40.690Sx10542E, h50km, ML3.8/4
IDC 13 19:24:32.0.5.1, 660S, 10568E, h0km, mb3.6/4, mb1 3.7/4,
s-maj=262.8km s-min=23.5km, Error ellipse: 0.0, Sunda Strait

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

ISC/B 13 19:46:24.7.0.9, 351S, 0.1x108.1W, 0.2, h10km, mb4.3/13,
MS4.0/18, Error ellipse: s-maj=24.5km s-min=14.4km

IDC 13 19:46:25.3.0.7, 3502Sx10807W, h0km, mb4.2/7,
mb1 4.3/7, mb1mx4.1/18, mbtmp4.2/7, MS4.0/18,
MS1.4/0.18, ms1mx3.9/27, Error ellipse: s-maj=24.7km
s-min=21.0km az=161.0

NEIC 13 19:46:26.8.0.6, 3503Sx10799W, h10km, mb4.6/9, Error
ellipse: s-maj=16.6km s-min=12.5km az=130.0

GMCT 13 19:46:26.8.0.2, 3500Sx10802W, h20km, 1km, MW5.0/42,
Moment Tensor Solution: s39, c53; s83, c135; Duration:
0 Moment tensor: Scale 1018Nm; M1=0.06; 18;
M2=1.60E-15; M3=1.66E-16; M4=1.74E-30; M5=5.10E-13;
M6=2.00E-33; Best double couple: M5, 93000x1016
N1=1.101, 0.00000; N2=1.163, 0.00000; NP2:
b=7.00000; s80.00000; -2.21.00000; Principal axes: T
5.4610, Plg7.0000; Azm56.0000; N 0.9360, Plg66.0000;
Azm162.0000; P -6.3980, Plg22.0000; Azm323.0000;
nsta1 refers to body waves, cutoff=40s. nsta2 refers to
surface waves, cutoff=50s.

ISC 13 19:46:26.8.0.9, 3505Sx1081W, 0.2, h10km, n37,
o560/17, mb4.3/13, MS4.0/18, Southern East Pacific
Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, USHA Ushuaia, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR 1.5nm, 0.9s, baz=134, slow=2.6, SNR=5.9

IDC 13 19:50:46.0.3.1, 5305S, 13352E, h0km, mb3.4/1, mb1 3.6/4,
mb1mx3.4/14, mbtmp3.5/4, ML3.3/1, Error ellipse:
s-maj=129.5km s-min=29.3km az=62.0, Aru Islands
region

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

BUI 13 20:02:42.4.0, 078N, 12637E, h56km, mb5.3, mb4.8, Ms4.1,
Ms3.8

MOS 13 20:02:42.9.1.0, 118N, 12635E, h33km, mb5.2/33, Error
ellipse: s-maj=14.3km s-min=6.3km az=108.5

NEIC 13 20:02:44.9.0.2, 111N, 12631E, h35km, mb5.0/35, Error
ellipse: s-maj=8.2km s-min=3.8km az=73.0

GMCT 13 20:02:44.9.0.4, 122N, 12633E, h38km, 1km, MW5.0/42,
Moment Tensor Solution: s36, c47; s42, c58; Duration:
0 Moment tensor: Scale 1018Nm; M1=3.43E-21;
M2=-0.34E-13; M3=-3.10E-16; M4=0.24E-17; M5=1.24E-14;
M6=0.23E-19; Best double couple: M3, 52600x1016
N1=1.19, 0.00000; N2=0.42, 0.00000; N3=0.00000; NP2:
q=2.03, 0.00000; s48.00000; s92.00000; Principal axes: T
3.4550, Plg6.0000; Azm140.0000; N 0.1370,
Plg2.0000; Azm21.0000; P -3.5970, Plg3.0000;
Azm291.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISC/B 13 20:02:45.4.0.6, 118N, 12633E, h55km, 5km,
mb5.0/84, MS3.8/12, Error ellipse: s-maj=6.3km
s-min=4.4km az=169.5

IDC 13 20:02:47.6.2.3, 110N, 12637E, h60km, 20km, mb4.5/15,
mb1 4.6/17, mb1mx4.6/20, mbtmp4.5/17, ML4.6/2, MS3.8/8,
MS1.8/0.38, ms1mx3.6/21, Error ellipse: s-maj=21.0km
s-min=9.1km az=74.0

DJA 13 20:02:53.137N, 12632E, h50km, mb5.1/22,
ISC 13 20:02:47.2.0.5, 114N, 12603E, 0.04, h56km, 4km,
n200, o1908/193, mb5.0/84, MS3.8/12, 18C-11/20, Northern
Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNI Manado, LBMI Labuha, GSPH General Santos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Towers, GYA Guiyang, NJ2 Nanjing, etc.

ISC/B 13 20:02:45.4.0.6, 118N, 12633E, h55km, 5km,
mb5.0/84, MS3.8/12, Error ellipse: s-maj=6.3km
s-min=4.4km az=169.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai, CHTO Chiang Mai, etc.

ISC/B 13 20:02:45.4.0.6, 118N, 12633E, h55km, 5km,
mb5.0/84, MS3.8/12, Error ellipse: s-maj=6.3km
s-min=4.4km az=169.5

IDC 13 20:02:47.6.2.3, 110N, 12637E, h60km, 20km, mb4.5/15,
mb1 4.6/17, mb1mx4.6/20, mbtmp4.5/17, ML4.6/2, MS3.8/8,
MS1.8/0.38, ms1mx3.6/21, Error ellipse: s-maj=21.0km
s-min=9.1km az=74.0

DJA 13 20:02:53.137N, 12632E, h50km, mb5.1/22,
ISC 13 20:02:47.2.0.5, 114N, 12603E, 0.04, h56km, 4km,
n200, o1908/193, mb5.0/84, MS3.8/12, 18C-11/20, Northern
Molucca Sea

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

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like HYB ZAK, ZAK, ZAK, ZAK, ZAK, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VRHR, VRHR, COLA, COLA, VORD, VORD, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSR, KMSR, MAK, MAK, KORR, KORR, etc.

13d 21h

Table with columns for station name, frequency, power, and signal strength. Includes stations like TNA, SWV2, KDAK, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK Yakutsk, YAK Yakutsk, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like MAJO, MAT Matushiro, etc.

H07A	baz=38,SNR=70	37.61	78	↑P	P	22 01 54.7	-0.1
D10A	Wagner Farm, O	37.72	73	↑P	P	22 01 55.6	-0.2
M04C	Maccdoel	37.76	83	↑P	P	22 01 56.8	+0.7
A12A	Yaak River Ran	37.76	70	P	P	22 01 56.9	+0.8
K05A	Summer Lake	37.81	82	↑P	P	22 01 57.6	+1.1
M03C	McCloud	37.87	84	↑P	P	22 01 57.4	+0.3
KIPM	Iron Peak	37.89	87	eP	P	22 01 57.8	+0.5
KCPM	Cahto Peak	37.90	87	eP	P	22 01 57.7	+0.3
KCPM	KCPM	37.90	87	eP	P	22 04 13.0	+0.4
I07A	Ize	37.92	79	P	P	22 01 58.1	+0.6
J06A	Christmas Vall	37.97	80	↑P	P	22 01 58.5	+0.6
WDC	Whiskeytown Da	38.02	86	eP	P	22 01 58.7	+0.3
WDC	WDC	38.02	86	eP	P	22 01 58.5	+0.6
WDC	WDC	38.02	86	eP	P	22 01 58.8	+0.5
B12A	Libby	38.02	70	↑P	P	22 01 58.8	+0.5
F09A	22 Ranch, Elgi	38.02	76	↑P	P	22 01 58.9	+0.5
O02C	Red Bluff	38.10	86	↑P	P	22 01 59.8	+0.8
E10A	Myers Farm, Un	38.10	74	P	P	22 01 59.0	0.0
K06A	Valley Falls	38.16	81	P	P	22 02 00.5	+1.0
P01C	Double 8 Ranch	38.18	88	P	P	22 01 59.9	+0.2
H08A	Prairie City	38.19	78	P	P	22 02 00.0	+0.3
L05A	Lakeview	38.23	82	↑P	P	22 02 01.1	+1.0
D11A	Klaveano Farm,	38.28	73	↑P	P	22 01 59.9	-0.6
F10A	Beach Ranch, E	38.30	75	↑P	P	22 02 00.6	0.0
G09A	Cove	38.33	76	P	P	22 02 01.1	+0.3
J07A	Hines	38.42	80	P	P	22 02 02.5	+0.8
M05C	Lookout	38.43	84	↑P	P	22 02 02.3	+0.5
GASB	Alder Springs	38.46	87	↑P	P	22 02 02.8	+0.7
HATC	Hat Creek Radi	38.55	84	↑P	P	22 02 03.2	+0.5
I08A	Drewsey	38.58	78	↑P	P	22 02 03.5	+0.5
RES	Resolute Bay	38.61	25	eP	P	22 02 03.1	+0.2
HOPS	Hopland	38.63	88	eP	P	22 02 03.5	0.0
HOPS	HOPS	38.63	88	eP	P	22 02 03.4	-0.1
MOD	Modoc	38.63	82	eP	P	22 02 04.0	+0.5
MOD	MOD	38.63	82	eP	P	22 02 04.1	+0.6
MOD	Modoc	38.63	82	↑P	P	22 02 04.1	+0.6
O03C	Acorn Hollow,	38.68	86	↑P	P	22 02 03.7	-0.2
E11A	Bogner Ranch,	38.71	74	P	P	22 02 03.5	-0.6
WALA	Waterton Lakes	38.71	69	eP	P	22 02 04.3	+0.3
G10A	Bishop Bar Ran	38.71	76	P	P	22 02 04.3	+0.4
H09A	Durkee	38.72	77	P	P	22 02 04.7	+0.5
B13A	Whitefish	38.72	70	P	P	22 02 04.4	+0.3
BMO	Blue Mountains	38.84	76	eP	P	22 02 05.2	+0.1
BMO	BMO	38.84	76	eP	P	22 02 05.2	+0.1
K07A	Rock Creek Ran	38.84	80	P	P	22 02 06.0	+0.8
BOD	Bodaibo	38.92	307	eP	P	22 02 05.0	-0.7
BOD	BOD	38.92	307	eP	P	22 02 05.7	-0.2
M06C	Likely Place G	38.93	83	P	P	22 02 06.7	+0.7
J08A	Circle Bar Ran	38.94	79	P	P	22 02 06.7	+0.7
F11A	Grangeville	38.98	74	P	P	22 02 06.0	-0.4
CN2	Changchun	38.99	282	eP	P	22 02 06.8	+0.3
CN2	CN2	38.99	282	eP	P	22 08 05.0	+3.2
CN2	CN2	38.99	282	eP	P	22 02 07.2	-1.7
CN2	CN2	38.99	282	eP	P	22 02 07.2	-1.7
CN2	CN2	38.99	282	eP	P	22 02 07.2	-1.7
C13A	Hot Springs	39.00	71	P	P	22 02 06.7	+0.2
I09A	Lost Marbles R	39.05	78	↑P	P	22 02 07.1	+0.2
O04C	Chester	39.07	85	↑P	P	22 02 07.6	+0.5
MNRC	McLaughlin Nat	39.09	88	P	P	22 02 08.0	+0.7
ELFS	Eagle Lake Fie	39.12	84	↑P	P	22 02 08.0	+0.5
L07A	Adell	39.16	81	↑P	P	22 02 08.6	+0.8
G11A	Walters Elk Ra	39.17	75	P	P	22 02 07.7	-0.3
NSHM	Saint Helena R	39.21	88	eP	P	22 02 08.2	-0.1
NSHM	NSHM	39.21	88	eP	P	22 04 16.6	-0.1
ORV	Oroville	39.27	86	↑P	P	22 02 08.0	-0.8
MCCM	Marconi Center	39.27	89	eP	P	22 02 07.2	-1.7
MCCM	MCCM	39.27	89	eP	P	22 02 07.2	-1.7
MCCM	MCCM	39.27	89	eP	P	22 02 08.4	-0.5
K08A	Mann Creek Ran	39.28	80	P	P	22 02 09.6	+0.7
SUTB	Sutter Butte	39.29	87	↑P	P	22 02 08.2	-0.8
H10A	Noah's Angus R	39.31	76	↑P	P	22 02 09.3	+0.2
WVOR	Wild Horse Val	39.35	80	↑P	P	22 02 09.8	+0.2
WVOR	WVOR	39.35	80	↑P	P	22 02 09.8	+0.2
WVOR	WVOR	39.35	80	↑P	P	22 02 09.9	+0.4
WVOR	WVOR	39.35	80	↑P	P	22 02 09.9	+0.4
D13A	Huson	39.36	72	P	P	22 02 09.3	-0.2
J09A	Fry Pan Ranch,	39.38	79	P	P	22 02 10.2	+0.5
O05C	Quincy	39.38	85	↑P	P	22 02 10.0	+0.2
OHCM	Honcuit	39.41	86	eP	P	22 02 09.4	-0.6
CVS	Carmenety Viney	39.41	88	↑P	P	22 02 09.5	-0.5
FARB	Farallon Islan	39.48	90	↑P	P	22 02 09.6	-1.0
Q03C	Winters	39.51	88	↑P	P	22 02 11.6	+0.7
HIA	Hailar	39.55	292	eP	P	22 02 10.3	-0.7
HIA	HIA	39.55	292	eP	P	22 02 10.3	-0.7
HIA	HIA	39.55	292	eP	P	22 02 10.4	-0.6
HIA	HIA	39.55	292	eP	P	22 02 10.4	-0.6
H10A	Payette	39.55	77	P	P	22 02 11.0	+0.9
F12A	Elk City	39.59	74	↑P	P	22 02 12.5	+0.1

N06A	Buffalo Meadow	39.59	83	P	P	22 02 12.0	+0.5
M07A	Soldier Meadow	39.62	82	P	P	22 02 12.5	+0.8
L08A	Field	39.67	81	P	P	22 02 12.8	+0.6
H11A	Donnelly	39.69	76	P	P	22 02 12.4	+0.1
CBIJ	Chichi Jim	39.74	248	P	P	22 02 13.8	+0.9
K09A	Rome	39.76	79	P	P	22 02 13.1	+0.2
Q04C	Lincoln	39.78	87	↑P	P	22 02 13.0	-0.1
BEKR	Beckworth	39.79	85	P	P	22 02 13.3	+0.2
MSO	Missoula	39.80	72	eP	P	22 02 13.1	-0.1
MSO	MSO	39.80	72	eP	P	22 02 13.1	-0.1
E13A	Victor	39.86	72	P	P	22 02 13.7	0.0
SAC	San Andreas	39.91	89	eP	P	22 02 19.7	+5.5
D14A	Greenough	39.93	71	P	P	22 02 14.2	-0.1
J10A	Berg Farm, Mel	39.94	78	↑P	P	22 02 14.3	0.0
O06A	Flanagan	39.94	84	P	P	22 02 14.8	+0.4
P05C	Yuba Gap, Truc	39.97	86	P	P	22 02 14.7	0.0
BDM	Black Diamond	40.02	88	↑P	P	22 02 15.1	0.0
M08A	Happo Creek Ra	40.08	82	↑P	P	22 02 16.2	+0.7
N07B	Gerlach	40.10	83	↑P	P	22 02 15.9	+0.1
F13A	Darby	40.12	73	P	P	22 02 15.8	+0.1
JRSC	Jasper Ridge	40.13	89	↑P	P	22 02 15.4	-0.6
I11A	Placerville	40.16	77	P	P	22 02 16.3	+0.1
CHMT	Chamberlain Mo	40.16	71	eP	P	22 02 15.8	-0.4
L09A	Wildson Ranch	40.18	80	↑P	P	22 02 16.9	+0.5
P06A	Steed Airport,	40.18	85	↑P	P	22 02 16.9	+0.5
LAVA	Lava Cap Winer	40.22	87	P	P	22 02 16.6	-0.1
K10A	MacKenzie Ranc	40.24	79	P	P	22 02 17.4	+0.6
E14A	Clinton	40.28	72	P	P	22 02 17.4	+0.2
WENL	Wentz Brothers	40.29	89	↑P	P	22 02 17.1	-0.3
BNLO	Ben Lomond (Sa	40.34	90	↑P	P	22 02 16.9	-0.9
R04C	Big Horse Ranc	40.41	87	↑P	P	22 02 17.7	-0.6
H12A	Diamond D Ranch	40.47	75	P	P	22 02 18.6	-0.1
PAHR	Pah Rah Range	40.48	84	eP	P	22 02 19.1	+0.2
WAHN	Washoe City	40.50	85	↑P	P	22 02 19.3	+0.3
MFID	Camas Ranch	40.51	77	P	P	22 02 19.1	+0.1
O07A	Toulon	40.52	83	P	P	22 02 19.8	+0.6
D15A	Lincoln	40.53	71	P	P	22 02 19.1	0.0
G13A	Colbat	40.55	74	P	P	22 02 19.4	+0.1
N08A	GE Springer Mi	40.62	82	P	P	22 02 20.4	+0.4
S04C	Ingram Canyon,	40.63	89	↑P	P	22 02 19.8	-0.4
M09A	Marrel Ranch,	40.66	81	P	P	22 02 20.9	+0.6
R05C	Kirkwood Meado	40.67	86	P	P	22 02 20.5	+0.1
F14A	Wisdom	40.67	73	P	P	22 02 20.8	+0.4
K11A	Parker Ranch,	40.75	78	P	P	22 02 21.4	+0.4
E15A	Deer Lodge	40.78	72	P	P	22 02 21.3	0.0
L10A	Juniper Basin	40.88	79	P	P	22 02 22.4	+0.3
CMB	Columbia Colle	40.88	87	eP	P	22 02 22.1	-0.1
CMB	CMB	40.88	87	eP	P	22 02 22.1	-0.1
CMB	CMB	40.88	87	eP	P	22 02 22.3	0.0
P07A	Fallon	40.89	84	↑P	P	22 02 22.7	+0.4
O08A	Rocheater Mine	40.89	83	↑P	P	22 02 22.7	+0.4
G14A	Jackson	40.93	74	P	P	22 02 22.5	0.0
N09A	Rock Creek Ran	40.95	82	P	P	22 02 23.0	+0.3
PACP	Pacheco Peak	40.97	89	↑P	P	22 02 22.7	-0.2
SAO	San Andreas Ge	41.03	89	eP	P	22 02 22.1	-1.3
SAO	SAO	41.03	89	eP	P	22 02 23.4	0.0
SAO	SAO	41.03	89	eP	P	22 02 23.4	0.0
J12A	Stokes Ranch,	41.04	77	P	P	22 02 24.0	+0.5
M10A	L.L. Ranch, Tu	41.16	80	P	P	22 02 25.0	+0.5
R06C	Coleville	41.16	86	P	P	22 02 25.1	+0.5
F15A	Butte	41.18	72	P	P	22 02 24.4	-0.2
WAKR	Walker	41.18	86	eP	P	22 02 25.0	+0.4
HAST							

COP	MLR	MLR			
comp=Z,2um,21.0s,MS5.3					
Copenhagen	72.54 355	i S	S	22 15 09.3 -18	
		e		22 20 10.3	
		i		22 20 03.5	
comp=Z,2um,21.0s					
Broad Law	72.54	4i eP	P	22 06 06.3 -0.1	
Sourhove Farm	72.86	4i eP	P	22 06 07.8 -0.6	
Bornholm Skovb	72.95 353	ii P	P	22 06 07.4 -1.5	
comp=Z,35nm,1.1s,mb5.2					
		i		22 08 49.9	
		i S	S	22 15 33.5 +1.8	
		i		22 20 10.6	
Bornholm Skovb	72.95 353	ii P	P	22 06 07.4 -1.5	
		i		22 08 49.9	
		i S	S	22 15 33.5 +1.8	
		e		22 20 10.6	
comp=Z,35nm,1.1s,mb5.2					
		pmax	pmax		
		MLR	MLR		
Bornholm Skovb	72.95 353	ii P	P	22 06 07.4 -1.5	
comp=Z,35nm,1.1s,mb5.2					
		i		22 08 49.9	
		i S	S	22 15 33.5 +1.8	
		e		22 20 10.6	
comp=Z,5um,23.0s					
Storozhevoje	72.97 338	eP	P	22 06 08.9 -0.2	
		ePP	pP	22 08 24.5 +2.1	
		eS	S	22 15 29.0 -3.1	
		ePPS		22 16 18.5	
comp=E,7.0nm,0.8s					
		pmax	pmax		
comp=Z,10.0nm,0.8s,mb4.8					
		pmax	pmax		
comp=N,10.0nm,1.0s					
		smax			
comp=E,60nm,5.1s					
		smax			
comp=Z,7.0nm,2.6s					
		smax			
comp=N,40nm,5.0s					
		smax			
comp=Z,2um,22.0s,MS5.3					
		MLR	MLR		
comp=N,1um,25.0s,MS5.2					
		MLR	MLR		
comp=E,60nm,21.0s,MS5.2					
Papeete	72.99 153	eP	P	22 06 08.2 -1.3	
comp=E,547nm,28.0s					
		eS	S	22 15 12.6 -2.0	
		eSS	SS	22 19 34.6 -4.0	
comp=E,3um,31.8s					
		eLQ		22 24 29.5	
comp=E,1um,27.0s					
		eLR	LR	22 27 35.5	
comp=E,10um,23.8s,baz=349					
Papeete	72.99 153	eP	P	22 06 08.2 -1.3	
		eS	S	22 15 12.6 -2.0	
		eSS	SS	22 19 34.6 -4.0	
		eLQ		22 24 29.5	
		LR	LR	22 31 19.0	
Papeete	72.99 153	LR	LR	22 06 09.3 -0.6	
comp=E,4um,20.2s,MS5.7,baz=298,slow=30					
Esksdalemuir	72.99 4	eP	P	22 06 09.3 -0.2	
		Amb		22 06 12.2	
comp=Z,7.9nm,1.2s,mb5.5					
Esksdalemuir	72.99 4	eP	P	22 06 09.3 -0.2	
comp=Z,6.1nm,1.0s,mb5.6					
Tiarei	73.04 153	eT		23 25 53.3	
comp=Z,2um,0.3s					
ODAN	73.05 292	eP	P	22 06 10.4 +0.5	
PAEA	73.08 153	eT		23 25 50.1	
comp=Z,924nm,0.3s					
GUN	73.11 294	eP	P	22 06 11.5 +1.2	
JIRN	73.12 293	eP	P	22 06 11.5 +1.1	
comp=Z,565nm,1.0s,mb5.5					
Cauldkaine Hill	73.13	4i eP	P	22 06 09.3 -0.6	
TEIG	73.13 79	eP	P	22 06 09.5 -1.0	
comp=Z,114nm,1.2s,mb5.7					
		LR	LR		
comp=Z,2um,21.0s,MS5.3					
TEIG	73.13 79	LR	LR	22 38 58.3	
comp=Z,2um,20.9s,MS5.3,baz=154,slow=36					
VORD	Divnogorie	73.18 337	eP	22 06 10.1 -0.2	
		ePP	pP	22 06 25.5 +1.8	
		ePPP		22 10 41.1	
		eS	S	22 15 32.4 -2.0	
comp=Z,50nm,0.9s,mb5.4					
		pmax	pmax		
comp=N,50nm,0.6s					
		pmax	pmax		
comp=E,20nm,0.6s					
		smax			
comp=N,590nm,11.8s					
		smax			
comp=Z,140nm,7.9s					
		smax			
comp=E,230nm,13.1s					
		MLR	MLR		
comp=Z,10um,22.0s,MS6.0					
		MLR	MLR		
comp=N,6um,20.0s,MS5.9					
		MLR	MLR		
comp=E,3um,20.0s,MS5.9					
Suwalki	73.21 348	eP	P	22 06 09.4 -1.1	
		ePP	pP	22 06 22.2 -1.6	
		ePCP	PcP	22 06 25.3 -1.5	
		e		22 11 02.8	
		LMZ		22 38 36.2	
comp=E,9um,22.2s					
Suwalki	73.21 348	eP	P	22 06 09.4 -1.1	
		ePP	pP	22 06 22.2 -1.6	
		ePCP	PcP	22 06 25.3 -1.5	
		e		22 11 02.8	
		MLR	MLR		
comp=Z,9um,22.2s,MS6.0					
Taravao	73.28 153	eT		23 26 06.8	
comp=Z,385nm,0.2s					
BDT	Bhumibol Dam	73.40 277	iP	22 06 13.0 +0.9	
comp=Z,178nm,1.0s,mb6.0					
RAMN	Ramite	73.43 292	eP	22 06 12.7 +0.5	
comp=Z,480nm,0.6s,mb6.6					
XAL	Allendale	73.49 41	eP	22 06 11.8 -0.3	
KKN	Kakani	73.54 294	eP	22 06 13.5 +0.7	
comp=Z,232nm,0.8s,mb5.2					
RGN	Rugen	73.62 354	eP	22 06 13.2 +0.4	
comp=Z,74nm,1.0s,mb5.6					
PKI	Pulchoki	73.63 294	eP	22 06 14.2 +0.8	
comp=Z,588nm,1.3s,mb6.4					
PKIN	Phulchoki	73.64 294	eP	22 06 13.7 +0.3	
comp=Z,233nm,0.9s,mb6.1					
MEH	Mehetia	73.71 152	eT	23 26 43.7	
comp=Z,1um,0.3s					
GKN	Gorkha	73.74 295	eP	22 06 14.1 +0.1	
comp=Z,67nm,0.7s,mb5.7					
COMI	Comitan	73.77 84	iP	22 06 13.8 -0.5	
CCG	Daman	73.78 294	eP	22 06 14.4 +0.2	
comp=Z,383nm,1.2s,mb6.2					
NST	Nakhon Sawan	73.90 275	iP	22 06 16.0 +0.9	
comp=Z,175nm,1.0s,mb5.9					
DANN	Dangsing	73.95 295	eP	22 06 16.1 +0.8	
comp=Z,510nm,0.9s,mb6.4					
DMUB	Kingscourt	74.19 7	LR	22 06 16.0 -0.2	
RAR	Rarotonga	74.22 164	LR	22 32 12.8	
comp=Z,9um,20.5s,MS6.0,baz=41,slow=30					
SOR	Soroa	74.35 73	eS	22 15 46.7 -1.7	
comp=N,2.0nm,3.4s					
		e			
comp=E,0.3nm,0.5s					
BSEG	Bad Segeberg	74.39 356	eP	22 06 17.5 +0.1	
		pmax	pmax		
comp=Z,60nm,1.1s,mb5.4					
BSEG	Bad Segeberg	74.39 356	eP	22 06 17.5 +0.1	
comp=Z,60nm,1.1s,mb5.4					
COEN	Coen	74.40 221	iP	22 06 17.0 -0.8	
comp=Z,48nm,1.0s,mb5.4					
HPK	Haverah Park	74.42 3	P	22 06 17.1 -0.4	
HPK			Amb	22 06 21.3	

comp=Z,149nm,1.3s,mb5.8					
KOLD	Koldanda	74.50 295	eP	22 06 18.6 +0.1	
comp=Z,244nm,0.9s,mb6.1					
GKPK	Gorka Kiasztor	74.59 352	eP	22 06 18.2 -0.3	
		eS	S	22 11 12.3	
		eS	S	22 15 46.6 -3.6	
		eSKS		22 16 11.0	
		LMZ		22 36 40.4	
comp=Z,8um,24.1s					
GKPK	Gorka Kiasztor	74.59 352	eP	22 06 18.3 -0.2	
		e		22 11 12.4	
		eS	S	22 15 46.6 -3.6	
		eSKS		22 16 11.0	
		LR	LR		
comp=Z,8um,24.1s,MS5.9					
GKPK	Gorka Kiasztor	74.59 352	eP	22 06 18.3 -0.2	
		eS	S	22 15 46.6 -3.6	
		MLR	MLR		
comp=Z,8um,24.1s,MS5.9					
Croghan	74.72 7	eP	P	22 06 19.3 0.0	
LCH	Holmfirth	74.82 31	eP	22 06 19.1 -0.8	
DLH	Dalhousie	74.90 304	eP	22 06 23.0 +2.3	
PTH	Pithoragarh	74.99 299	eP	22 06 21.0 -0.3	
LGTI	Lohaghat	75.05 299	eP	22 06 21.7 +0.1	
THN	Thein Dam	75.11 304	eP	22 06 20.4 -1.5	
KBH	Birley Grange	75.12 31	eP	22 06 20.9 +0.9	
DZM	Mond Dzumac	75.20 197	eP	22 06 22.2 -0.1	
SDNR	Sundarnagar	75.20 302	eP	22 06 22.4 0.0	
WAR	Warsaw	75.21 349	eP	22 06 22.5 +0.4	
comp=Z,5um,23.3s					
STNC	Stoke	75.26 4	eP	22 06 22.1 -0.3	
STNC		Amb	AMB	22 06 25.1	
comp=Z,156nm,1.1s,mb5.9					
KWE	Weaver Farm	75.35 3	eP	22 06 22.7 -0.2	
SMLA	Simla	75.39 302	iP	22 06 23.4 0.1	
		iS	S	22 15 59.2 -0.6	
SBD1	Bryn Du	75.40 4	iP	22 06 23.2 0.0	
AKASG	Malin Array Be	75.51 344	P	22 06 22.9 -1.0	
		e		22 06 39.8 +2.5	
		pP	pP	22 06 22.9 -1.0	
AKASG	Malin Array Be	75.51 344	eP	22 06 22.9 -1.0	
comp=Z,4.0nm,0.3s,mb4.8,baz=17,slow=5.8,SNR=35					
AKASG				22 06 39.8 +2.5	
comp=Z,20nm,0.8s,baz=20,slow=5.7,SNR=8.1					
AKASG				22 12 10.5 -1.1	
comp=Z,6.4nm,0.9s,baz=16,slow=1.7,SNR=5.7					
AKASG				22 43 57.3	
comp=Z,6um,19.6s,MS5.9,baz=5.0,slow=39					
AKBB	Malin Array Si	75.51 344	eP	22 06 22.6 -1.3	
AKBB	KIEV	75.52 344	eP	22 06 35.3 -2.0	
KIEV	Kiev	75.52 344	LR	22 06 40.0 +1.6	
comp=Z,571nm,19.0s,MS4.9					
DDI	Dehra Dun	75.55 301	eP	22 06 24.5 0.0	
DDI		eX	X	22 16 13.0	
Bintulu	75.61 257	iP	P	22 06 24.4 +0.8	
CWF	Charwood Fore	75.65 3	eP	22 06 24.1 -0.5	
CWF		Amb	AMB	22 06 28.8	
comp=Z,61nm,1.3s,mb5.4					
RUE	Ruedersdorf	75.65 354	eP	22 06 23.7 -0.9	
comp=Z,56nm,1.0s,mb5.5					
HLM1	Long Mynd	75.80 41	eP	22 06 25.2 -0.3	
IBBN	lbbenburg	76.11 357	eP	22 06 27.6 +0.3	
HTR	Trewern Hill	76.22 41	eP	22 06 27.8 -0.1	
BOK	Bokaro	76.26 291	eP	22 06 29.1 +0.4	
BOK		Amb	AMB	22 06 36.0	
comp=Z,211nm,1.1s,mb6.0					
BOK		eX	X	22 16 08.0	
MCH1	Michaelchurch	76.32 4	eP	22 06 28.0 -0.5	
MCH1		Amb	AMB	22 06 36.3	
comp=Z,114nm,1.9s,mb5.5					
WT					

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MAK Makhachkala, KOLS Kolonickie sedl, KAPI Kappang, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KHC Makhachkala, BWNR Bhuaneshwar, WET Wetzell, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like FUR Furstenfeldbru, BUD Budapest, SGP Sopron, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PESTR, EBO, EVAD, EVIA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOO, TOO, MDT, BBGH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GSPA, GSPA, GSPA, etc.

IDC 13 22:00:32.4z+2.6, 519S+15189E, h0km, mb4.2/4, mb1 4.4/4, mb1mx4.0/15, mbtmp4.2/4, MS4.0/1, Ms1 4.0/1, ms1mx3.3/24, Error ellipse: s-maj=73.6km s-min=42.5km az=112.0, New Britain region

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

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

Table with columns: BEY, Berane, 3.59 357, i PG, Pn, 02 31 43.5 +0.5, etc. Includes stations like SIVA, BLY, LAST, AQU, etc.

Table with columns: WRA, Warramunga Arr, 23.87 161, Op, P, 03 33 16.9 +1.4, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KUR, Kuril'sk, SKR, Severo-Kuril's, etc.

Table with columns: YSS, comp=E,40nm,1.0s, AMB, AMB, 03 30 33.1, etc. Includes stations like HHC, HHC, HHC, etc.

Table with columns: STA, Name, Az, El, P, Pn, S, Sn, Ss, Pmax, Res. Includes stations like JRA, JNK, JAK, JAK, JAK, JTKR, etc.

Table with columns: ASAR, Name, Az, El, P, Pn, S, Sn, Ss, Pmax, Res. Includes stations like ASAR, AKASG, AKASG, AKASG, etc.

Table with columns: ZAK, Name, Az, El, P, Pn, S, Sn, Ss, Pmax, Res. Includes stations like ZAK, CHTO, CHTO, CHTO, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like DANN Danging, KOLN Koldanda, SHL Shilong, etc.

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

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like GNW Lebam, E03A Lebam, YKA Yellowknife Ar, etc.

IDC 14 07:51:22.9; 1.2, 3538N; 7032E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/22, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=36.2km s-min=31.3km az=25.0

ISCJB 14 07:51:44.8; 0.7, 3655N; 005; 706E.01, h208km, 10km, mb3.1/3, Error ellipse: s-maj=18.8km s-min=8.4km az=179.0

NNC 14 07:51:51.6; 4.3, 3702N; 7055E, h205km, 57km, mb2.8, mp4.5, Error ellipse: s-maj=42.2km s-min=23.8km az=14.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Tuckaleechee C, Waverly, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Southern Illin, Wichita Mounta, Wyandotte Cave, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Pinedale Array, Elko, Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Yellowknife Ar, Yellowknife Ar, Dease Lake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Erimo, Akkeshi, Chkuri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Urukawa-nobuka, Nemuro 2, Nango, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Ashorobuto, Ohasama, Furan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Hsuharu, Matsuhiro Arr, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Baumata, Kakadu, Kappang, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Stephens Creek, Narrogin (SRO), RPZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Makanchi Array, Warramunga Arr, Vanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Honiara, Warramunga Arr, Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Stephens Creek, Alice Springs, Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Rangitukua, Rihia Road, West Tongariro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Wanganui, Kahuranaki, Takapani Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Wanganui, Kahuranaki, Takapani Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Igoounitsia, Kerkira, Janina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Igoounitsia, Kerkira, Janina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Igoounitsia, Kerkira, Janina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like Carolei, Joppo, Giralfo, etc.

WRA Warramunga Arr 46.88 264 P P 11 03 00.3 -0.4

WRA Warramunga Arr 96.79 120 P P 12 36 59.7 -0.1

NEIC 14 11:24:18.0, 1685N-9530W, h100km, MD3.7(MEX), After MEX.

M1 3.8/5, ms1mx3.4/20, Error ellipse: s-maj=21.6km s-min=11.1km az=120.0

NEIC 14 12:23:27.9, 0.4, 285S-3607E, h10km, mb4.6/14, Error ellipse: s-maj=13.7km s-min=9.2km az=116.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Matias Romero, Huatloc, Oaxaca, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Kilima Mbogo, Lusaka, etc.

JMA 14 12:26:49.4, 0.3, 2486N-12200E, h100km, M3.5

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

PRE 14 11:25:12.8, 0.9, 2115S-3347E, h5km, ML4.0, Mozambique

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Mopani, Messina, Pongola, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Kima Mbogo, Lusaka, etc.

IDC 14 12:35:01.1, 9.5, 2208N-14265E, h206km, 85km, mb3.5/2, mb1.3/3, mb1mx3.2/3, mbtmp3.3/3, Error ellipse: s-maj=83.5km s-min=24.2km az=73.0, Volcano Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Korea Array, Warramunga Arr, etc.

ISCJB 14 11:33:10.0, 1.6, 247S, 0.1, 1796E, h44km, 20km, mb3.8/7, Error ellipse: s-maj=26.2km s-min=17.6km az=179.8

ISC 14 12:23:28.1, 0.3, 283S-3609E, h10km, mb4.6/14, Error ellipse: s-maj=13.7km s-min=9.2km az=116.0

IDC 14 12:37:09.4, 1.1, 349S-14604E, h0km, mb4.3/10, mb1.4/10, mb1mx4.3/14, mbtmp4.2/10, MS4.1/19, Ms1.4/2.19, ms1mx4.1/23, Error ellipse: s-maj=29.5km s-min=17.6km az=108.8

ISCJB 14 12:37:11.3, 3.4, 360S, 0.05, 14571E, h0km, 21km, mb4.5/22, MS4.2/17, Error ellipse: s-maj=12.9km s-min=7.9km az=10.8

NEIC 14 11:33:11.7, 1.8, 2480S-17965E, h456km, 26km, mb4.3/1, Error ellipse: s-maj=34.8km s-min=18.5km az=171.0

ISC 14 12:23:11.6, 1.6, 248S, 0.1, 179E, h2, h453km, 23km, n10, c051/11, mb3.8/7, South of Fiji Islands

NEIC 14 12:37:14.0, 0.2, 333S-14605E, h14km, 1km, MW5.1/91, Moment Tensor Solution. s56, c83; s91, c160; Duration: 0. Moment tensor: Scale 10^18Nm; Mr=0.118; 12; Mw=0.37; 11; Mw=0.19; 13; Mw=0.68; 2; Mw=6.09; 12; Mw=0.17; 23; Best double couple: Mw=1.3600; 10^18Nm; 1781, 00000; 384, 00000; 1, 179, 00000; NP2; P=271, 00000; 389, 00000; 1, 6, 00000; Principal axes: T 6.2420, Plg5, 0000; Azm136, 0000; N -0.2140, Plg4, 0000; Azm284, 0000; P -6.0290, Plg3, 0000; Azm46, 0000; nsta1 refers to surface waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

BUI 14 12:37:14.0, 350S, 14560E, h10km, mb4.9, mb4.6, Ms4.9, Ms2.4

ISC 14 12:37:15.3, 4.2, 361S, 0.05, 14570E, h19km, 26km, n54, c1923/43, mb4.5/22, MS4.2/17, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Urewera, URZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Kima Mbogo, Lusaka, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Coen, Honiara, Kakadu, etc.

TEH 14 12:11:38.6, 3876N-4859E, h8km, ML3.7

ISC 14 12:12:12.5, 0.8, 3876N-4859E, h25km, 6km, n23, c087/29, Iran-Armenia-Azerbaijan border region

ISC 14 12:37:15.3, 4.2, 361S, 0.05, 14570E, h19km, 26km, n54, c1923/43, mb4.5/22, MS4.2/17, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Germi, ISRB, ALIB, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Kima Mbogo, Lusaka, etc.

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

BUI 14 12:23:25.9, 321S-3545E, h38km, mb5.0, mb4.8, Ms5.0, Ms2.4.7

ISC 14 12:23:26.3, 0.3, 277S, 0.06, 3609E, h10km, mb4.3/26, MS4.2/7, Error ellipse: s-maj=10.8km s-min=7.0km az=28.0

ISC 14 12:37:15.3, 4.2, 361S, 0.05, 14570E, h19km, 26km, n54, c1923/43, mb4.5/22, MS4.2/17, Near north coast of New Guinea

IDC 14 12:35:01.1, 9.5, 2208N-14265E, h206km, 85km, mb3.5/2, mb1.3/3, mb1mx3.2/3, mbtmp3.3/3, Error ellipse: s-maj=83.5km s-min=24.2km az=73.0, Volcano Islands

ISC 14 12:23:28.1, 0.3, 283S-3609E, h10km, mb4.6/14, Error ellipse: s-maj=13.7km s-min=9.2km az=116.0

ISC 14 12:37:15.3, 4.2, 361S, 0.05, 14570E, h19km, 26km, n54, c1923/43, mb4.5/22, MS4.2/17, Near north coast of New Guinea

BUI 14 12:23:25.9, 321S-3545E, h38km, mb5.0, mb4.8, Ms5.0, Ms2.4.7

ISC 14 12:23:26.3, 0.3, 277S, 0.06, 3609E, h10km, mb4.3/26, MS4.2/7, Error ellipse: s-maj=10.8km s-min=7.0km az=28.0

ISC 14 12:37:15.3, 4.2, 361S, 0.05, 14570E, h19km, 26km, n54, c1923/43, mb4.5/22, MS4.2/17, Near north coast of New Guinea

14d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTA, AP, pP, 12 47 27.0 -0.5, etc.

IDC 14:12:47:15.3:32.0, 1636S-1768W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/18, mbtp4.0/4, Error ellipse: s-maj=618.0km s-min=156.6km az=85.0, Fiji Islands region

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

IDC 14:13:56:2.1, 1701N:147.45E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/20, mbtp3.7/5, ML3.8/1, MS2.9/1, Ms1 2.9/1, ms1mx2.6/31, Error ellipse: s-maj=76.5km s-min=23.9km az=97.0

ISCJB 14:13:02.7:5.3, 170N:02:147.2E:0.4, h52km, 40km, mb3.5/4, Error ellipse: s-maj=70.7km s-min=27.5km az=8.3

ISC 14:13:03.2:5.5, 170N:02:147.3E:0.5, h44km, 43km, n5, o=42/6, mb3.5/4, Mariana Islands region

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

NEIC 14:13:18:53.8, 1894N:69.43W, h98km, MD3.8(RSPR), After RSPR

RSPR 14:13:18:53.8, 1894N:69.43W, h99km, 6C, Dominican Republic region

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

BJI 14:13:28:53.1, 170S:119.71E, h63km, mb5.2, mb4.8

MOS 14:13:28:53.6:9.1, 114S:119.47E, h33km, mb5.5, 1/14, Error ellipse: s-maj=21.1km s-min=8.9km az=106.9

ISCJB 14:13:28:54.2:0.6, 122S:003:119.41E:0.05, h36km, 6km, mb4.7/39, Error ellipse: s-maj=8.1km s-min=5.1km az=154.1

NEIC 14:13:28:55.9:1.5, 119S:119.54E, h38km, 13km, mb4.9/11, Error ellipse: s-maj=15.7km s-min=7.3km az=69.0

NEIC Felt (III) at Pasangkayu and (II) at Palu

IDC 14:13:28:56.4:3.6, 120S:119.59E, h38km, 30km, mb4.2/14, mb1 4.3/16, mb1mx4.3/20, mbtp4.2/16, ML3.8/2, MS3.4/3, Ms1 3.3/3, ms1mx3.1/22, Error ellipse: s-maj=26.8km s-min=11.6km az=81.0

DJA 14:13:28:57.1:4.8, 119S:119.44E, h151km, ML5.1/7

ISC 14:13:28:56.2:0.6, 125S:004:119.41E:0.05, h37km, 5km, n88, o=114/81, mb4.7/39, 9C-5D, Sulawesi region

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

2007 JUL

Main table with columns: PLKI, Palangkaraya, 5.55 260 P Pn, 13 30 14.4 -1.9, etc. Includes stations like TSM, MYLDM, SDKM, etc.

404

Table with columns: OBN, comp=2.9, 0.0nm, 0.8s, mb5.0, pmax, pmax, 13 41 45.8 +0.6, etc.

KRSC 14:13:54:41.4:0.6, 5061N-15742E, h10km, 10km, ML3.7, Kuril Islands

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

NEIC 14:14:06:03.5:0.6, 426N:128.26E, h10km, mb4.1/3, Error ellipse: s-maj=41.8km s-min=11.0km az=77.0

IDC 14:14:06:03.9:1.8, 389N:127.39E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/18, mbtp3.6/5, Error ellipse: s-maj=97.0km s-min=24.9km az=69.0

ISCJB 14:14:06:04.8:0.8, 43N:01:128.3E:0.4, h33km, mb3.9/8, Error ellipse: s-maj=53.8km s-min=14.1km az=166.5

ISC 14:14:06:02.0:8.4, 42N:01:128.2E:0.4, h35km, n8, o=71/8, mb3.9/8, North of Halmahera

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

ISCJB 14:14:03:43.0:1.7, 781S:009:128.48E:0.09, h193km, 19km, mb3.7/4, Error ellipse: s-maj=18.2km s-min=10.4km az=42.1

NEIC 14:14:08:45.7:3.3, 789S:128.76E, h218km, 45km, mb4.1/4, Error ellipse: s-maj=38.8km s-min=22.2km az=195.0

IDC 14:14:08:46.6:7.7, 798S:128.29E, h220km, 78km, mb3.2/2, mb1 3.4/5, mb1mx3.2/14, mbtp3.3/5, Error ellipse: s-maj=81.8km s-min=27.4km az=40.0

ISC 14:14:08:42.7:1.4, 786S:009:128.60E:0.07, h175km, 16km, n11, o=132/16, mb3.9/4, Banda Sea

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

IDC 14:14:09:52.8:0.8, 738S:122.12E, h538km, 13km, mb3.3/4, mb1 3.2/5, mb1mx2.9/15, mbtp3.1/5, Flores Sea

s-maj=44.4km s-min=17.0km az=70.0, Flores Sea

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

IGL 14:14:22:28.3, 3903N:126.5W, h33km, ML3.5

MDD 14:14:22:29.1:1.2, 3908N:121.9W, h0km, az=77.0, Error ellipse: s-maj=11.4km s-min=6.9km az=77.0, PRIMO

NEIC 14:14:22:29.6, 3911N:121.7W, h0km, MN3.0(MDD), After MDD

LDG 14:14:22:30.6:0.3, 3903N:123.9W, h20km, ML3.5/3, Error ellipse: s-maj=6.8km s-min=3.6km az=64.0

INMG 14:14:22:31.1:1.1, 3905N:123.0W, h10km, MD2.8, ML2.8, Error ellipse: s-maj=5.1km s-min=2.9km az=84.0

CSEM 14:14:22:42.6:0.4, 3927N:110.5W, h10km, ML3.4/5, Error ellipse: s-maj=7.7km s-min=4.5km az=80.0

ISC 14:14:22:32.4:0.6, 3913N:102.1185W:0.04, h40km, n103, o=114/81, mb4.7/39, 9C-5D, Sulawesi region

15/187, 1D, North Atlantic Ocean

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PMAFR	Mafra	2.01	94	Op	12 23 07.3	+1.0
PMAFR	Mafra			ePn	12 23 34.5	+3.0
PMAFR	Mafra			eSn	12 23 39.2	
PMAFR	Mafra	2.01	94	ePn	12 23 07.3	+1.0
PMAFR	Mafra			eSn	12 23 34.5	+3.0
ALMR	Almeirim	2.55	88	eP	12 23 15.1	+1.3
ALMR	Almeirim			eS	12 23 48.6	+3.8
ALMR	Almeirim			eS	12 23 48.6	+3.9
ALMR	Almeirim			AML	12 23 50.7	
ALMR	Almeirim	2.55	88	eP	12 23 15.1	+1.3
ALMR	Almeirim			eS	12 23 48.6	+3.8
PTOM	Tomar	2.71	79	ePn	12 23 16.9	+0.9
PTOM	Tomar			eSn	12 23 51.5	+2.7
PTOM	Tomar	2.71	79	Pn	12 23 16.9	+0.9
PTOM	Tomar			Sn	12 23 51.5	+2.7
MOE	Montemor	2.80	101	ePn	12 23 17.7	+0.4
PTEO	Sao Teotónio	2.92	122	ePn	12 23 53.0	+1.5
PTEO	Sao Teotónio			eSn	12 23 57.0	+2.1
PTEO	Sao Teotónio			A	12 23 57.0	
PTEO	Sao Teotónio	2.92	122	ePn	12 23 17.6	-1.4
PTEO	Sao Teotónio			eSn	12 23 52.0	-2.1
EVOP	Sao Brissos	2.97	101	ePn	12 23 19.8	+0.2
EVOP	Sao Brissos			eSn	12 23 57.8	+2.5
EVO	Evora	3.06	100	ePn	12 23 19.8	-1.0
EVO	Evora			eSn	12 23 57.8	+0.4
EVO	Evora	3.06	100	ePn	12 23 20.9	+0.1
EVO	Evora			eSn	12 24 05.3	+1.0
EVO	Evora	3.06	100	ePn	12 23 20.9	+0.1
EVO	Evora			eSn	12 23 58.4	+1.0
MORF	Marmeleite	3.11	125	iPn	12 23 19.8	-1.7
MORF	Marmeleite			eSn	12 23 56.0	-2.7
MORF	Marmeleite			A	12 24 03.9	
PFVI	Vila Bisbo	3.11	129	iPn	12 23 19.2	-2.3
PFVI	Vila Bisbo			eSn	12 23 56.7	-2.0
PFVI	Vila Bisbo			A	12 24 03.2	
PFVI	Vila Bisbo	3.11	129	iPn	12 23 19.2	-2.3
PFVI	Vila Bisbo			eSn	12 23 56.7	-2.0
PTO	Porto	3.20	50	ePn	12 23 21.9	-0.8
PTO	Porto			eSn	12 24 00.6	-0.2
PTO	Porto			A	12 24 02.9	
PTO	Porto	3.20	50	ePn	12 23 21.9	-0.8
PTO	Porto			eSn	12 24 00.6	-0.2
PBEJ	Beja	3.31	108	ePn	12 23 24.4	+0.1
PBEJ	Beja			eSn	12 24 04.2	+0.5
PBEJ	Beja			A	12 24 08.4	
PBEJ	Beja	3.31	108	Pn	12 23 24.4	+0.1
PBEJ	Beja			Sn	12 24 04.2	+0.5
PESTR	Estremoz	3.33	93	ePn	12 23 25.1	+0.6
PESTR	Estremoz			eSn	12 24 05.9	+1.8
PESTR	Estremoz			A	12 24 10.0	
PVIS	Viseu	3.43	61	ePn	12 23 27.0	+1.1
PVIS	Viseu			eSn	12 24 08.0	+1.4
PVIS	Viseu			A	12 24 11.5	
PVIS	Viseu	3.43	61	Pn	12 23 27.0	+1.1
PVIS	Viseu			Sn	12 24 08.0	+1.4
PCBR	Castelo Branco	3.46	77	ePn	12 23 26.7	+0.4
PCBR	Castelo Branco			eSn	12 24 09.0	+1.7
PCBR	Castelo Branco			A	12 24 10.7	
PCBR	Castelo Branco	3.46	77	Pn	12 23 26.7	+0.4
PCBR	Castelo Branco			Sn	12 24 09.0	+1.7
PMRV	Marv??o	3.47	84	ePn	12 23 27.3	+0.8
PMRV	Marv??o			eSn	12 24 09.7	+2.0
PMRV	Marv??o			A	12 24 14.4	
MTE	Manteigas	3.55	68	ePn	12 23 28.1	+0.5
MTE	Manteigas			eSn	12 24 11.2	+1.6
MTE	Manteigas			A	12 24 21.6	
MTE	Manteigas	3.55	68	Pn	12 23 28.1	+0.5
MTE	Manteigas			Sn	12 24 11.2	+1.6
PBDV	Barranco-do-Ve	3.62	120	ePn	12 23 27.6	-0.9
PBDV	Barranco-do-Ve			eSn	12 24 10.5	-0.8
PBDV	Barranco-do-Ve			A	12 24 15.5	
PBDV	Barranco-do-Ve	3.62	120	Pn	12 23 27.6	-0.9
PBDV	Barranco-do-Ve			Sn	12 24 10.5	-0.8
PVAQ	Vaqueiros	3.68	117	ePn	12 23 28.9	-0.5
PVAQ	Vaqueiros			eSn	12 24 12.6	-0.2
PVAQ	Vaqueiros			A	12 24 20.0	
PVAQ	Vaqueiros	3.68	117	Pn	12 23 28.9	-0.5
PVAQ	Vaqueiros			Sn	12 24 12.6	-0.2
EGRO	El Granado	3.79	114	P	12 23 30.4	-0.4
EGRO	El Granado			S	12 24 15.2	-0.2
EGRO	El Granado	3.79	114	P	12 23 30.4	-0.4
EGRO	El Granado			S	12 24 15.2	-0.2
EBAD	Badajoz	3.79	94	P	12 23 31.4	+0.6
EBAD	Badajoz			S	12 24 16.4	+0.9
EBAD	Badajoz	3.79	94	P	12 23 31.4	+0.6
EBAD	Badajoz			S	12 24 16.4	+0.9
PVRL	Vila Real	3.82	55	ePn	12 23 31.9	+0.6
PVRL	Vila Real			eSn	12 24 16.4	+0.1
PVRL	Vila Real			A	12 24 21.7	
PVRL	Vila Real	3.82	55	ePn	12 23 31.9	+0.6
PVRL	Vila Real			eSn	12 24 16.4	+0.1
EZAM	Zamans	3.85	38	P	12 23 39.2	-1.2
EZAM	Zamans			S	12 24 27.6	+0.5
PBAR	Barrancos	3.89	103	ePn	12 23 32.3	+0.1
PBAR	Barrancos			eSn	12 24 18.8	+0.9
PBAR	Barrancos			A	12 24 26.8	
PBAR	Barrancos	3.89	103	Pn	12 23 32.3	+0.1
PBAR	Barrancos			Sn	12 24 18.8	+0.9
PCAB	Cabril	3.89	47	ePn	12 23 32.3	+0.1
PCAB	Cabril			eSn	12 24 17.4	-0.6
PCAB	Cabril			A	12 24 23.8	
PCAB	Cabril	3.89	47	ePn	12 23 32.3	+0.1
PCAB	Cabril			eSn	12 24 17.4	-0.6
ELOB	Lobios	3.98	45	P	12 23 32.4	-1.0
ELOB	Lobios			S	12 24 18.8	-1.3
ELOB	Lobios	3.98	45	P	12 23 32.4	-1.0
ELOB	Lobios			S	12 24 18.8	-1.3
MVO	Moncorvo	4.22	60	ePn	12 23 37.3	+0.6
MVO	Moncorvo			eSn	12 24 25.8	-0.2

MVO	Moncorvo	4.22	60	Pn	12 24 31.8
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60	Pn	12 23 37.3
MVO	Moncorvo			Sn	12 24 25.8
MVO	Moncorvo			A	12 24 31.8
MVO	Moncorvo	4.22	60		

14d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, XAN Xi'an, CD2 Chengdu, LZH Lanzhou, etc.

IDC 14:17:00.57-2.8, 0.270N-127.74E, h0km, mb3.4/3, mb1 3.6/3, 17-majx3.4/15, mbtmp3.5/3, Error ellipse: s-maj=134.2km s-min=124.3km az=88.0, Northern Molucca Sea

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

MOS 14:17:07.41-5.1, 2.5549N-110.30E, h12km, mb4.4/1, Error ellipse: s-maj=25.8km s-min=11.3km az=53.2

BYKL 14:17:07.40-9.0, 3.5545N-110.33E, h6km, mb2.8km, 2C-1D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like NIZ Nizh Angarsk, KMO Kumora, SUVO Suvo, UKT Ukait, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like MXMB Maximikha, OGRG Ongureny, BOD Bodaibo, NLYR Nelyaty, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like YHNB Yeheng, KSRS Koroa Array, ASAJ Asahika, WRAB Tennant Creek, etc.

JMA 14:17:29:42.0, 3724N-13674E, h4km, mb1.1km, M2.5 JMA Felt J1

ISC 14:17:29:41.8-3.6, 373N-01:1367E.02, h1km, mb1.0km, n3, 0524/6, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like JHH Haku, JSZ Suzu, MAS Matushiro.

ISCJB 14:17:44:17.4-1.3, 81S-0:1203E.02, h188km, 11km, mb4.6/3, Error ellipse: s-maj=31.8km s-min=11.2km az=150.3

NEIC 14:17:44:18.8-1.3, 806S:12037E, h183km, 24km, mb3.9/4, Error ellipse: s-maj=63.6km s-min=11.5km az=79.0

IDC 14:17:44:19.4-2.3, 800S:12040E, h203km, 17km, mb3.2/2, mb1 3.2/6, mb1mx3.0/18, mbtmp3.1/6, Error ellipse: s-maj=89.7km s-min=18.8km az=58.0

ISC 14:17:44:19.2-1.3, 81S-0:1205E.02, h190km, 10km, n10, r15/13/14, mb4.6/3, Flores region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like KAPI Kappang, BATI Baetana, FITZ Fitzroy Crossi, etc.

Table with columns: STKA, GUMO, CASY, Station Name, Az, Phase, ID, Time, Res. Includes entries for Stephens Creek, Guam, Casey.

ISCJBJ 14 17:46:48.0, 5.275S, 0.008, 360E, 0.1, h10km, mb3.8/9, Error ellipse: s-maj=16.8km s-min=5.7km az=32.5

IDC 14 17:46:48.5, 1.2, 2.77S, 361.2E, h0km, mb3.97, mb1 4.1/7, mb1mx3.8/19, mbtmp3.9/7, Error ellipse: s-maj=29.8km s-min=15.9km az=137.0

NEIC 14 17:46:49.8, 0.5, 2.76S, 359.9E, h10km, mb4.0/3, Error ellipse: s-maj=9.9km s-min=4.9km az=117.0

ISC 14 17:46:49.7, 0.5, 2.75S, 0.007, 361E, 0.1, h10km, n15, c1500/21, mb3.8/9, Tanzania

Main table for station data, columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kilima Mbogo, Mahe Island, Ambohimpanom, etc.

TRN 14 18:11:44.9, 1672N, 6146W, h13km, MD4.0, M3.7(FDF), M4.3(FDF)

TRN Felt III, IV, Guadeloupe. ISCJBJ 14 18:11:45.9, 0.7, 16.63N, 0.03, 61.35W, 0.04, h23km, 5km, mb4.5/44, MS3.6/4, Error ellipse: s-maj=7.3km s-min=3.4km az=152.5

IDC 14 18:11:46.5, 2.4, 16.59N, 61.59W, h15km, 16km, mb4.1/12, mb1 4.3/12, mb1mx4.1/20, mbtmp4.1/12, MS3.2/4, Ms1 3.2/4, ms1mx2.9/25, Error ellipse: s-maj=17.3km s-min=14.3km az=70.0

BUI 14 18:11:51.1, 1660N, 61.60W, h49km, Ms4.9, Msz4.9

NEIC 14 18:11:51.2, 0.6, 16.64N, 61.64W, h50km, 5km, mb4.6/35, MD4.0(TRN), Error ellipse: s-maj=10.1km s-min=3.8km az=58.0

NEIC Felt (IV) on Guadeloupe. ISC 14 18:11:46.6, 0.7, 16.77N, 0.02, 61.42W, 0.04, h13km, 4km, n209, 0.76/220, mb4.5/44, MS3.6/4, 64C-41D, Leeward Islands

Main table for station data, columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Saint Francois, Desirade, Guadeloupe, etc.

Main table for station data, columns: JCT, WMOK, KSUI, LVC, LVC, ECSD, TXAR, TXAR, AGM, ULM, ULM, SDC, SDC, BNM, ANMO, LPM, RSSD, 319A, 219A, Y19A, X19A, 318A, PV01, LCO, 118A, Y18A, S19A, X18A, 217A, 117A, TUC, T18A, WUAZ, WUAZ, PDAR, CFAA, U15A, DAU, T15A, X14A, JLU, LOHW, MOOW, TPWA, IMW, CCUT, DUG, DUG, ARUT, P14A, Q14A, V13A, EGMT, EGMT, QLMT, U13A, BGU, N14A, BOZ, BOZ, BOZ, Q13A, P13A, G15A, HRY, DML, F15A, L13A, M13A, E15A, D15A, J13A, F14A, F13A, Q11A, HLD, HLD, E14A, H13A, K12A, TPNV, TPNV, O11A, R10A, J12A, F13A, H12A, S10A, E11A, L11A, C14A

Main table for station data, columns: F12A, I11A, WALA, B13A, O09A, K10A, G11A, S08C, F11A, H10A, E11A, NVAR, L09A, N08A, D11A, K09A, M08A, H09A, L08A, TROA, O07A, G09A, J08A, NEW, M07A, H08A, LNOR, L07A, R05C, N06A, B09A, I07A, OD2, LAVA, G07A, A09A, C08A, K05A, ORV, A07A, B07A, S08C, YBH, YBH, PLCA, P01C, N02C, K05A, B02A, O01C, JCC, YKA, YKA, YKA, YKA, TOR, DLBC, KEST, NOA, INK, EGAK, TOR, STKA, STKA, STKA, ASAR, ASAR, WRA, IGC, IGT, KEK, KAN, JKD, JKD

ISCJBJ 14 18:37:52.1, 0.9, 39.30N, 0.03, 20.09E, 0.07, h10km, Error ellipse: s-maj=7.7km s-min=3.7km az=6.6

ATH 14 18:37:52.7, 39.27N, 20.32E, h10km, MD3.2/3 CSEM 14 18:37:53.0, 0.5, 39.28N, 20.14E, h2km, ML3.0, Error ellipse: s-maj=12.0km s-min=6.0km az=86.0

TH 14 18:37:53.0, 39.31N, 20.15E, h0km, ML3.0 ISC 14 18:37:52.4, 1.0, 39.32N, 0.03, 20.12E, 0.08, h2km, 7km, n12, c1529/21, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IGT, IGT, KEK, KAN, JKD, JKD.

15d 3h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

ISK 15 01:20:57.5, 3930N-4133E, h5km, MD3.5
ISCJB 15 01:20:59.0, 3.3932N, 0.0224135E, 0.02, h5km, Error
ellipse: s-maj=2.9km s-min=2.3km az=34.6

CSEM 15 01:20:58.6, 0.1, 3928N-4134E, h5km, MD3.3, Error
ellipse: s-maj=1.6km s-min=1.2km az=163.0

DDA 15 01:20:58.7, 3931N-4136E, h17km, 1km, MD3.3

ISC 15 01:20:59.0, 5.3931N, 0.0224134E, 0.02, h2km, 4km, n40,
c0595/57, Turkey

Main table of station data for the 15d 3h period, including codes like BINGOL, ERZURUM, BINGOL, etc.

NEIC 15 01:46:10.7, 3935N-2029E, h34km, MD3.2(ATH), After
ATH.

CSEM 15 01:46:10.7, 3935N-2029E, h34km, MD3.25, After ATH
ATH 15 01:46:10.7, 3935N-2029E, h34km, 19km, MD3.2/5,

Table for Greece-Albania border region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

ISCJB 15 02:02:38.4, 0.4, 3831N-003:7394E, 0.07, h15km, 7km,
mb3.5/6, Error ellipse: s-maj=9.0km s-min=4.3km

ISC 15 02:02:38.1, 6.2, 3830N-7362E, h15km, 51km, mb3.3/6,
mb1 3.4/9, mb1mx3.2/25, mbtimp3.3/9, Error ellipse:

s-maj=43.3km s-min=23.1km az=0.0

NEIC 15 02:02:39.9, 1.0, 3833N-7375E, h135km, 6km, Error
ellipse: s-maj=16.4km s-min=9.5km az=130.0

ISC 15 02:02:39.5, 0.4, 3830N-003:7401E, 0.07, h145km, 7km,
n37, c1106/45, mb3.5/6, 3C-2D, Tajikistan-Xinjiang border
region

Table of station data for the Tajikistan-Xinjiang border region, including codes like AML, AAK, AAK, etc.

2007 JUL

Table of station data for the 2007 JUL period, including codes like DLH, DLH, SARP, SARP, etc.

JMA 15 02:46:01.5, 0.1, 4342N-14641E, h74km, 1km, M3.6, Kuril
Islands

Table of station data for the Kuril Islands region, including codes like NEM2, NEM2, JRA, etc.

IDC 15 03:05:41.8, 3.2, 664S-14842E, h0km, mb3.5/2, mb1 3.7/3,
mb1mx3.4/15, mbtimp3.4/3, ML3.5/1, Error ellipse:

s-maj=103.1km s-min=42.3km az=119.0, New Britain
region

Table of station data for the New Britain region, including codes like WRA, WRA, ASAR, etc.

IDC 15 03:16:24.7, 1.0, 380N-12647E, h0km, mb4.1/8, mb1 4.2/8,
mb1mx4.0/19, mbtimp4.1/8, MS3.7/3, Ms1 3.7/3,

ms1mx3.0/35, Error ellipse: s-maj=71.7km s-min=17.1km
az=91.0

ISCJB 15 03:16:27.9, 0.7, 380N-009:1266E, 0.3, h33km, mb4.0/11,
MS3.7/3, Error ellipse: s-maj=48.3km s-min=12.4km
az=173.6

NEIC 15 03:16:20.2, 3.6, 384N-12658E, h14km, 34km, mb4.1/6,
Error ellipse: s-maj=34.3km s-min=13.4km az=79.0

ISC 15 03:16:30.0, 0.7, 380N-009:1265E, 0.3, h35km, n13,
c0510/11, mb4.0/11, MS3.7/3, Talaud Islands

Table of station data for the Talaud Islands region, including codes like FITZ, FITZ, WRA, etc.

ISCJB 15 03:33:16.4, 0.3, 5143N-002:1611E, 0.02, h0km, Error
ellipse: s-maj=2.9km s-min=1.8km az=16.6

NEIC 15 03:33:17.3, 0.3, 5158N-1614E, h5km, ML3.0(SZGRF),
ML2.9(BRA), Error ellipse: s-maj=4.5km s-min=3.8km
az=208.0

IDC 15 03:33:18.4, 0.7, 5150N-1594E, h0km, mb3.4/1, mb1 3.3/7,
mb1mx3.2/23, mbtimp3.2/7, ML3.1/7, MS3.3/1, Ms1 3.2/1,

ms1mx2.0/27, Error ellipse: s-maj=11.7km s-min=6.6km
az=96.0

IPEC 15 03:33:18.3, 0.2, 5150N-1615E, h8km, 1km, ML2.6/3, Error
ellipse: s-maj=1.4km s-min=0.6km az=41.0

CSEM 15 03:33:19.7, 0.1, 5145N-1605E, h2km, ML3.0/11, Error
ellipse: s-maj=2.2km s-min=1.4km az=13.0

WAR 15 03:33:19.0, 5149N-1610E, ML3.0, Mining Induced
PRU 15 03:33:19.1, 5145N-1609E, h0km

BGR 15 03:33:19.5, 0.5, 5142N-1606E, h1km, ML3.0, Error
ellipse: s-maj=6.7km s-min=2.2km az=18.0

VIE 15 03:33:20.5, 0.8, 5128N-1607E, h0km, mb2.5/5, ML3.1/5,
Error ellipse: s-maj=4.9km s-min=4.6km az=92.0,
Suspected Mining induced

ISC 15 03:33:17.5, 0.3, 5149N-002:1611E, 0.02, h0km, n90,

0592/177, 5C-5D, Poland 412

Main table of station data for the Poland region, including codes like Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Rows include 319A Douglas, L10A Juniper Basin, 1515A North Hill, Q13A Wheeler Ranch, C05A Toll Reservoir, M11A Holland Ranch, ELK Elko, ELK ELK, K10A MacKenzie Farm, X17A Forest Lakes, B05A Bryant, O12A Currie, DIV Divide, G08A Pilot Rock, D06A Cle Elum, T15A Red Dirt Ranch, WUAZ Wupatki, WUAZ Wupatki, 219A White Tail Can, P13A Bates Ranch, N12A Clover Valley, BMRM Bremner River, Y18A Canyon Day Jun, ANMO Rattlesnake Hill, L11A Cat Creek Ranch, J10A Berg Farm, Q14A Sevier Lake, S15A Panguituch, 119A Ashpeak Ranch, F08A Pendleton, K11A Parker Ranch, M12A Wells, U16A Tuba City, ETW Entiat, N13A Wendover West, G09A Cove, LNOR Lincton Mounta, C07A Waterville, L12A House Creek Ra, P14A Drum Mountains, MSU Marys Valley, MFID Camas Ranch, Y19A Nutrioso, M13A Montrose, H10A Noah's Angus R, Q15A Fillmore, TRF Thorafore Moun, D07A Wollman Farm, U17A Shonto, I11A Placerville, K12A Draper Farm, G10A Bishop Farm, MAW Mawson, MAW Mawson, MAW Mawson, MAW Mawson, B07A Winthrop, E09A Wood Farm, V18A Ganado, DUG Dugway, J12A Stokes Ranch, OD2 Odessa Site #2, A07A Astinola River, C08A Higginbotham F, D09A Jones Farm, F10A Beach Ranch, L13A Double Diamond, H11A Donnelly, B08A Colville Reser, M14A Sheep Mountain, MCK McKinley, MCK McKinley, K13A Stover Farm, G11A Walters Elk Ra, GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang, C09A Chrisman Ranch, T18A Mexican Hat, HLID Halley, HLID Halley, A08A Turner Farm, TMUT Trail Mountain, D10A Wagner Farm, M15A Larsen Ranch, K14A Jones Ranch.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Rows include E11A Bogner Ranch, B09A Rice, I13A Wilcox, A09A Danville, SRU San Rafael, SRU San Rafael, F12A Elk City, H13A Challis, D11A Klaveano Farm, NEW Newport, NEW Newport, G13A Cobalt, COLA College, COLA College, D12A Red Vines Fores, PV01 Paradox Valley, BILL Bilbino, TXAR Lajitas Array, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, E13A Vico, MCMT McKenzie Canyo, A11A Hall Mountain, D13A Huson, MSO Missoula, C13A Hot Springs, G15A Dillon, E14A Clinton, DLMT Dillon, HHC Hu-ho-hoe, HHC HHC, TPAW Teton Pass, REDW Red Top Meadow, SNOW Snow King Moun, D14A Greenough, F15A Butte, IMW Indian Meadow, CHMT Chamberlain M, MOOW Moose Ponds, LOHW Long Hollow, QLMT Great Lake, C14A Swan Lake, FLYW Flagg Ranch, KMI Kunming, KMI KMI, BW06 Boulder Array, PDAR Pinedale Array, BOZ Bozeman, BOZ Bozeman, BOZ Bozeman, BOZ Bozeman, D15A Bozeman, B05A Lincoln, SMC0 Snowmass, SDC0 Great Sand Dun, CMAR Chiang Mai Arr, CD2 Chengdu, CD2 CD2, CD2 CD2, CD2 CD2, CMG Matias Romero, AMTX Amarillo, SNAAS Sanaa, SNAAS Sanaa, SNAAS Sanaa, RSSD Black Hills, RSSD Black Hills, VNA1 Neumayer-Stat, VNA1 Inuvik, PLCA Paso Flores, WMOK Wichita Moun, WMOK Wichita Moun, WMOK Wichita Moun, CBKS Cedar Bluff, SONM Sogino Array, DGMT Dagmar, YKA Yellowknife Arr, MK31 Galsknecht Array, MKAR Makanchi Array, KURK Kurchatov, TKM2 Tokmak 2, ARU Art, ARU Art, ARCS ARCES Array B, GNI Gani, LWV Lavender, BSEG Bad Segeberg.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Rows include STHS Stebnicka Huta, STHS Stebnicka Huta, KOLS Kolonice sedl, KOLS Kolonice sedl, UZH Uzhgorod, UZH Uzhgorod, CRVS Cervenica-Dubn, IBBN Ibbenburen, CLZ Clausthal, CLL Collim, CLL Collim, CLL Collim, CLL Collim, UPC Upice, DPC Dobruska-Polom, BRG Briegshubel, BRG BRG, BRG BRG, MORC Moravsky Berou, MLR Moravsky Rosu, KECS Kecs, PVCC Panska Ves, DRGR Drgr, BUG Bochum-Univer, PRU Pruhonice, MOX Moxa, MOX Moxa, TANN Tannenbergsstha, KOLL Kolac, KOLL Kolac, PSZ Piskzesteto, TREST Trest, MODS Modra-Piesok, ROTZ Rotzenmuehle, UCC Uccle, MEM MEM, MEM Memmbach, GRA1 Grafenberg Arr, GRA1 Grafenberg Arr, KHC Kasperke Hory, KHC Kasperke Hory, WET Wetzell, GEC2 Geres Array B, GEC2 Geres Array B, BZS BZS, DDU Dourbes, DDU Dourbes, WLF Walferdange, WLF Walferdange, WLF Walferdange, MOA MOA, STU Stuttgart, FUR Furstenfeldbrunn, BFO Black Forest, SOKA Soka, PERS Pernice, CDF Champ du Feu, FLN La Foliniere, MEZF Maizeries Jvi, LDF La Druitiere, WTTA Wattenberg, GOLS Golise, GRR Gorron, HAU Hautompre, HAU Abfaltersbach, HNTA Hintersfeld, LBJ Ljubljana, BOJS Bojanci, JAVS Javornik, CEYS Cernica, LOR Lormes, SCAI Saint Saugel, CABF La Chapelle, AVF Avril sur Loir, MFF Saint Martin d, BGf Bois d'Angland, TCF Toulx Ste Croix, LPL La Plagne, LPL La Plagne, BNI Bardonecchia, ORIF Oris-en-Rattie, MBDF Montbardon, VIVF Saint-Julien-l, SBF Sospel, SMRF Simiane la Rot, FRF La Foret Royal, LMR La Moure, PGF Pioggia, SSC Sonseca Array, EORD EORD, TORD Torodi Arr, TORD Torodi Arr, Code Station Name, NVR Nevrokopi, MMB Musomiste, SOH Sokhos, SOH Sokhos, RZN Rozhen, KNT Kendrikon, KNT Kendrikon, HUR Hurlati, HUR Hurlati, PLG Polygyros, PLG Polygyros, PLG Polygyros, THE Thessaloniki, THE Thessaloniki, BEO Belgrade, BEO Belgrade, PLY Plovdiv, PLY Plovdiv, VAY Valandovo, VAY Valandovo, VAY Valandovo, VAY Valandovo.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRU Pruhonice, TXAR Lajitas Array, VOIR Modra-Piesok, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLL Tololo Astrono, FCH Farellones, PEL Peidehue, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, BRVK Borovoye, ARCES ARCESS Array B, etc.

ADC 15 05:40:57.3:1.0, 4682N-15564E, h0km, mb3.7/7, mb1.9, 9.10, mb1mx2.8/2.2, mbtmp3.7/10, ML2.6/3, Error ellipse: s-maj=26.4km s-min=21.0km az=123.0

NEIC 15 05:40:59.0:0.7, 4668N-15541E, h10km, mb4.0/1, Error ellipse: s-maj=20.8km s-min=13.1km az=136.0

ISCBJ 15 05:41:01.1:0.7, 467N.0:1.0, 1554E.02, h33km, mb3.7/10, Error ellipse: s-maj=20.3km s-min=11.2km az=141.4

MOS 15 05:41:03.0:1.0, 4668N-15528E, h52km, mb4.1/6, Error ellipse: s-maj=23.8km s-min=16.3km az=67.5

ISC 15 05:41:03.3:0.7, 467N.0:1.0, 1555E.02, h35km, n23, e1818/24, mb3.7/10, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, MJAR Matsushiro Arr, etc.

ISCBJ 15 05:51.9:3.3, 023N-005:126.17E:007, h11km, 20km, mb4.4/18, Error ellipse: s-maj=12.4km s-min=8.5km az=174.2

ADC 15 05:52:52.5:0.8, 024N-126.19E, h0km, mb4.3/7, mb1.4/4.9, mb1mx2.2/17, mbtmp4.3/9, ML4.0/2, MS3.4/1, Ms1.3/4.1, Error ellipse: s-maj=30.8km s-min=12.2km az=76.0

DJA 15 05:57:56.039N-126.30E, h33km, ML4.3/3, NEIC 15 05:57:58.8:1.7, 016N-126.15E, h50km, 16km, mb4.4/13, Error ellipse: s-maj=13.5km s-min=6.1km az=58.0

ISC 15 05:57:58.7:2.2, 018N-007:126.22E:009, h49km, 21km, n26, e068/27, mb4.4/18, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

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

ISCBJ 15 06:35:14.7:0.5, 5144N-003:1608E:003, h0km, Error ellipse: s-maj=1.4km s-min=2.3km az=20.1

IPEC 15 06:35:16.2:0.2, 5152N-1618E, h8km, 1km, ML2.1/3, Error ellipse: s-maj=1.4km s-min=0.6km az=42.0

CSEM 15 06:35:17.0:0.2, 5146N-1611E, h2km, ML3.0/10, Error ellipse: s-maj=2.8km s-min=1.6km az=14.0

WAR 15 06:35:17.1, 5149N-1609E, ML2.5, Mining Induced VIE 15 06:35:18.7:0.4, 5126N-1615E, h0km, mb2.1/3, ML2.5/3, Error ellipse: s-maj=2.7km s-min=2.5km az=173.0

Suspected Mining induced, PRU 15 06:35:18.0:0.1, 5142N-1604E, h0km, Error ellipse: s-maj=1.6km s-min=1.0km az=173.0

ISC 15 06:35:16.1:0.6, 5148N-003:1608E:003, h0km, n31, e095/59, 2C-3D, Poland

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, UPC Upec, DPC Dobruska-Polom, etc.

ISCBJ 15 06:44:52.8:3.6, 549S-14747E, h154km, 29km, mb3.5/3, mb1.3/7.4, mb1mx3.4/15, mbtmp3.5/4, MS3.3/1, Ms1.3/2.1, s-min=14.8km az=115.0, Eastern New Guinea region

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

ISCBJ 15 07:02:54.6:0.6, 3874N-003:3075E:004, h5km, 8km, Error ellipse: s-maj=5.7km s-min=4.8km az=23.2

CSEM 15 07:02:54.1:0.1, 3873N-3074E, h5km, MD2.7, Error ellipse: s-maj=2.3km s-min=1.9km az=142.0

DDA 15 07:02:54.4, 3873N-3075E, h6km, MD2.7, ISK 15 07:02:54.4, 3873N-3075E, h6km, MD2.7

ISC 15 07:02:55.1:0.6, 3872N-003:3076E:004, h12km, 7km, n10, e051/19, Turkey

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCBJ 15 07:02:54.6:0.6, 3874N-003:3075E:004, etc.

Table with columns: SHUT, Suhut-Afyon, 0.23 224 ePg, Pg, 07 02 59.8 -0.2, etc.

KRSC 15 07:24:18.6±1.2, 4982N±15767E, h10km±10km, ML3.7,

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

NEIC 15 08:21:45.9, 3971S±17705E, h68km, ML3.8(WEL), After WEL

NEIC 15 08:21:45.9, 3971S±17705E, h68km, ML3.6/19, Error ellipse: s-maj=2.3km s-min=1.1km az=90.0, Off east coast of North Island

Large table listing station names and data for NEIC events, including KAHZ, KAHZ, Kawranaki, 0.16 236 PN, etc.

Table with columns: FOZ, Fox Glacier, 6.73 233 PN, Pn, 08 23 17.5 -4.4, etc.

IDC 15 08:51:29.7±2.2, 985N±91.93E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/20, mbmp3.6/6, ML4.3/1, Error ellipse: s-maj=75.6km s-min=22.2km az=71.0

ISCJB 15 08:51:33.0±1.6, 99N±91.921E±0.3, h33km, mb3.6/5, Error ellipse: s-maj=41.2km s-min=17.8km az=170.1

NEIC 15 08:51:34.0±1.4, 986N±91.92E, h30km, Error ellipse: s-maj=37.3km s-min=16.3km az=80.0

ISC 15 08:51:34.9±1.6, 99N±92.02E±0.3, h35km, n7, 0876/7, mb3.6/5, Nicobar Islands region

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

IDC 15 09:07:18.0±6.2, 1387N±90.00W, h59km±41km, mb3.5/5, mb1 3.7/8, mb1mx3.5/21, mbmp23.5/8, ML3.7/2, Error ellipse: s-maj=56.5km s-min=24.5km az=174.0

ISCJB 15 09:07:19.2±0.5, 1370N±90.08W±0.07, h100km±4km, mb4.0/7, Error ellipse: s-maj=17.2km s-min=4.2km az=40.5

CASC 15 09:07:19.8±1.3, 1358N±90.33W, h72km±24km, MD4.1, mb4.8(NEIC)

NEIC 15 09:07:20.6±1.6, 1379N±90.18W, h91km±14km, mb4.8/2, Error ellipse: s-maj=20.9km s-min=14.1km az=214.0

ISC 15 09:07:20.5±0.5, 1375N±90.08W±0.07, h97km±4km, n52, 0872/48, mb4.0/7, 4D, Near coast of Guatemala

Large table listing station names and data for IDC, ISCJB, CASC, and ISC events, including SBLS, SBLS, San Blas, 0.63 82 Op, etc.

-1.3300, Plg15.0000°, Azm285.0000°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. GCMT 15 09:27:34.5±0.1, 1540S±168.66E, h12km, MW6.1/121, Moment Tensor Solution. s119.c280; s121.c480; Duration: 2s9 Moment tensor: Scale 1018Nm; Mr1.84±.01; Mw0.12±.01; Ms0.19±.01; Mo0.46±.02; M0.038±.01; M0.029±.03; Best double couple: M0.0090x1018 Np1.0±.25; 0.0000°, 644.00000°, 7.113.00000°. NP2.0±.175.00000°, 850.00000°, 7.0000000°. Principal axes: T: 1.9900, Plg74.0000°, Azm20.00000°; N: 0.0400, Plg15.00000°, Azm185.00000°; P: 2.0200000, Plg3.00000°, Azm270.00000°. nsta1: instar refers to body waves, cutoff=40s. nsta2: refers to surface/mantle waves, cutoff=50s.

MOS 15 09:27:37.1±1.1, 1537S±168.56E, h33km, mb6.0/62, MS5.7/9 Error ellipse: s-maj=7.3km s-min=6.0km az=58.6

LDG 15 09:27:38.0±0.2, 1545S±168.67E, h42km, Mb5.8/4, Ms5.7/9, Error ellipse: s-maj=16.2km s-min=4.2km az=98.0

DJA 15 09:27:39.1568S±168.70E, h33km, mb6.5/6

IDA 15 09:27:39.5±2.2, 1543S±168.60E, h42km, 19km, mb5.3/24, mb1 5.4/27, mb1mx3.4/27, mbmp5.3/27, ML5.7/2, MS5.6/27, M01 5.6/27, ms1mx5.4/32, Error ellipse: s-maj=11.7km s-min=10.1km az=173.0

ISC 15 09:27:37.3±1.2, 1542S±0.03±168.62E±0.02, h23km±8km, h31km±2km, pp-P, n1462, 0875/772, mb5.9/171, MS5.7/252, 216C-165D, Vanuatu Islands

Large table listing station names and data for MOS, LDG, DJA, IDA, ISC, and Vanuatu Islands events, including DZM, DZM, Mont Dzumac, 6.93 197 Op, etc.

TIN	Tinemaha	86.27	50	↑P	P	09 40 17.5 +0.2
F03A	Seaside	86.28	40	↓P	P	09 40 17.6 +0.5
DVTC	Desert V Tower	86.29	55	↓P	P	09 40 18.0 +0.4
M06C	Likely Place G	86.29	46	↑P	P	09 40 17.9 +0.6
O06A	Flanigan	86.33	47	↑P	P	09 40 17.5 0.0
PFO	Pinyon Flat Ob	86.35	54	eP	P	09 40 17.4 -0.4
PFO	Pinyon Flat Ob	86.35	54	P	P	09 40 17.2 -0.6
PFO	Pinyon Flat Ob	86.35	54	↓P	P	09 40 17.2 -0.6
L05A	Lakeview	86.39	45	↓P	P	09 40 18.4 +0.6
MPMC	Manual Prospect	86.45	51	P	P	09 40 18.3 +0.1
PAHR	Pah Rah Range	86.46	47	eP	P	09 40 18.4 +0.3
S08C	White Mtn Res	86.48	50	↓P	P	09 40 18.6 +0.3
E03A	Leban	86.56	40	↓P	P	09 40 18.7 +0.2
N06A	Buffalo Meadow	86.56	46	P	P	09 40 18.5 -0.1
Q07A	Schurz	86.57	48	↓P	P	09 40 19.2 +0.4
C03A	Quailayate Air	86.58	38	↓P	P	09 40 19.2 +0.6
COLA	College	86.58	17	eP	P	09 40 16.2 -2.0
COLA	College	86.58	17	LR	LR	
COLA	College	86.58	17	P	P	09 40 16.1 -2.1
H04A	Detroit Lake	86.61	42	P	P	09 40 18.1 -0.7
SWSC	Sam W. Stewart	86.63	55	↓P	P	09 40 18.6 -0.6
K05A	Summer Lake	86.63	44	↓P	P	09 40 19.1 +0.2
J05A	Fort Rock	86.64	43	P	P	09 40 19.1 +0.2
G04A	Mulino	86.65	41	↓P	P	09 40 18.8 -0.1
D03A	Wishkah Elem.	86.68	39	↑P	P	09 40 19.3 +0.2
GSC	Goldstone	86.69	52	eP	P	09 40 19.8 +0.3
GSC	Goldstone	86.69	52	↑P	P	09 40 19.6 +0.2
MOD	Modoc	86.70	45	eP	P	09 40 19.0 -0.3
MOD	Modoc	86.70	45	LR	LR	
MOD	Modoc	86.70	45	↑P	P	09 40 19.5 +0.2
BMW	Boisfort Moun	86.73	40	eP	P	09 40 19.8 +0.5
NVAR	Nina Array Bea	86.74	49	P	P	09 40 19.5 -0.1
P07A	Fallon	86.75	48	↑P	P	09 40 20.1 +0.5
NLWA	Neilton Lookou	86.75	39	eP	P	09 40 19.7 +0.3
NLWA	Neilton Lookou	86.75	39	P	P	09 40 19.8 +0.4
WRAK	Wranell Islan	86.79	29	eP	P	09 40 18.9 -0.4
WRAK	Wranell Islan	86.79	29	LR	LR	
BELC	Belle Mtn.	86.84	54	↓P	P	09 40 19.9 -0.3
R08A	Mina	86.85	49	↑P	P	09 40 20.6 +0.5
HEC	Hector Ludlow	86.88	53	↓P	P	09 40 20.7 +0.3
GRAC	Grapevine Rang	86.89	50	P	P	09 40 20.4 0.0
I05A	Bend	86.98	43	↑P	P	09 40 21.5 +0.9
O07A	Toulon	87.00	47	↑P	P	09 40 20.9 +0.1
F04A	Amboy	87.00	41	↓P	P	09 40 20.4 -0.2
LSA	Lhasa	87.03	302	eP	P	09 40 22.4 +1.2
LSA	Lhasa	87.03	302	eP	P	09 40 21.7 +0.5
LSA	Lhasa	87.03	302	LR	LR	
LSA	Lhasa	87.03	302	P	P	09 40 21.7 +0.5
LSA	Lhasa	87.03	302	MLR	MLR	
FURC	Furnace Creek	87.07	51	P	P	09 40 21.0 -0.2
K06A	Valley Falls	87.10	44	↓P	P	09 40 21.6 +0.3
E04A	Onalaska	87.10	40	↓P	P	09 40 21.8 +0.7
BC3	Big Chuck Mtn	87.15	54	↓P	P	09 40 21.9 +0.2
N07B	Gerlach	87.17	46	↑P	P	09 40 22.1 +0.4
Q08A	Gabbs	87.17	49	P	P	09 40 21.5 -0.2
H05A	Madras	87.21	42	↓P	P	09 40 21.5 -0.2
HOOD	Mount Hood Mea	87.22	42	eP	P	09 40 22.4 +0.7
IRK	Irkutsk	87.23	326	eP	P	09 40 20.6 -1.0
IRK	Irkutsk	87.23	326	eS	S	09 40 44.7 -1.0
IRK	Irkutsk	87.23	326	eP	P	09 52 04.7
IRK	Irkutsk	87.23	326	P	P	09 40 21.7 +0.5
SKAG	Skagway	87.26	25	eP	P	09 40 21.6 0.0
S09A	Goldfield	87.26	50	P	P	09 40 21.8 -0.4
B04A	Port Angeles	87.27	38	↑P	P	09 40 22.2 +0.3
M07A	Soldier Meadow	87.27	46	P	P	09 40 22.0 -0.1
D04A	Dobbs Creek Ra	87.27	40	↓P	P	09 40 22.6 +0.6
TLY	Talaya	87.29	326	eP	P	09 40 22.1 +0.1
TLY	Talaya	87.29	326	LR	LR	
TLY	Talaya	87.29	326	eP	P	09 40 20.8 -1.1
TLY	Talaya	87.29	326	eS	S	09 50 49.0 -1.2
TLY	Talaya	87.29	326	ePS	PS	09 52 08.4
TLY	Talaya	87.29	326	P	P	09 40 20.8 -1.1
SHOC	Shoshone	87.30	52	↓P	P	09 40 22.4 0.0
J06A	Christmas Vall	87.34	44	↓P	P	09 40 22.7 +0.3
GMRC	Granite Mounta	87.38	53	↓P	P	09 40 22.9 +0.1
P08A	Dixie Valley	87.38	48	↑P	P	09 40 23.1 +0.5
TPH	Toponah	87.39	49	PFAKE	LR	09 40 30.0 +7.2
L07A	Adell	87.40	45	↓P	P	09 40 23.1 +0.4
G05A	Warm	87.40	42	↓P	P	09 40 22.9 +0.2
T09A	Turquoise Mtn.	87.41	52	↑P	P	09 40 23.4 +0.5
GLA	Glamis	87.43	55	eP	P	09 40 23.4 +0.3
GLA	Glamis	87.43	55	LR	LR	
GLA	Glamis	87.43	55	↓P	P	09 40 23.1 +0.1

C04A	Brinnon	87.44	39	P	P	09 40 23.1 +0.3
U10A	Yuma	87.45	55	↑P	P	09 40 23.6 +0.4
U10A	Ash Meadows, A	87.45	51	↑P	P	09 40 23.4 +0.3
GNW	Green Mountain	87.46	39	eP	P	09 40 22.9 0.0
IRM	Iron Mountain	87.56	54	↑P	P	09 40 23.6 -0.1
PGC	Sidney	87.56	38	eP	P	09 40 22.3 -1.0
R09A	Toponah	87.56	49	↓P	P	09 40 23.6 0.0
F05A	White Salmon	87.58	41	↓P	P	09 40 23.5 0.0
I06A	Prineville	87.59	43	↓P	P	09 40 23.7 +0.1
E05A	Randall	87.63	40	P	P	09 40 23.3 -0.6
TPNV	Topopah Spring	87.70	51	eP	P	09 40 24.0 -0.3
TPNV	Topopah Spring	87.70	51	LR	LR	
TPNV	Topopah Spring	87.70	51	eP	P	09 40 24.0 -0.3
TPNV	Topopah Spring	87.70	51	P	P	09 40 24.0 -0.3
TPNV	Topopah Spring	87.70	51	MLR	MLR	
TPNV	Topopah Spring	87.70	51	P	P	09 40 24.3 0.0
Q09A	Carver	87.70	49	↓P	P	09 40 24.1 -0.2
K07A	Rock Creek Ran	87.73	45	↑P	P	09 40 24.1 -0.2
LON	Longmire	87.73	40	P	P	09 40 23.4 -0.8
N08A	GE Springer Mi	87.76	47	P	P	09 40 24.4 -0.1
S10A	Toponah Range,	87.80	50	P	P	09 40 24.7 0.0
D05A	Enumclaw	87.81	40	P	P	09 40 24.7 +0.1
H06A	Lindquist Farm	87.83	42	↑P	P	09 40 24.4 -0.3
G06A	Carlson Farm	87.84	42	↓P	P	09 40 24.5 -0.2
M08A	Happy Creek Ra	87.84	46	↓P	P	09 40 25.0 +0.2
Y12C	Blythe	87.91	54	↓P	P	09 40 25.3 0.0
LDFC	Landfair	87.91	53	eP	P	09 40 25.6 +0.2
V11A	Goodsprings	87.93	52	P	P	09 40 25.4 0.0
J07A	Hinman	87.96	44	↑P	P	09 40 25.6 +0.2
F06A	Goldendale	87.97	41	↑P	P	09 40 25.1 -0.2
P09A	Austin	88.00	48	↑P	P	09 40 26.0 +0.3
A04A	Legoe Bay, Lum	88.04	38	P	P	09 40 26.1 +0.5
WVOR	Wild Horse Val	88.04	45	eP	P	09 40 25.3 -0.5
WVOR	Wild Horse Val	88.04	45	eP	P	09 40 25.3 -0.5
WVOR	Wild Horse Val	88.04	45	P	P	09 40 26.0 0.0
I07A	Izee	88.11	43	P	P	09 40 26.8 +0.4
R10A	Warm Springs	88.15	50	↓P	P	09 40 26.8 +0.4
L08A	Fields	88.15	45	↑P	P	09 40 26.5 +0.2
E06A	Yakima	88.16	41	↓P	P	09 40 26.2 0.0
U11A	Corn Creek	88.17	52	↑P	P	09 40 26.6 +0.1
W12A	Cal New Art	88.17	53	↑P	P	09 40 26.7 +0.1
113A	Mohawk Valley,	88.17	55	↑P	P	09 40 26.3 -0.3
O09A	Fist Creek Ran	88.19	48	↑P	P	09 40 26.4 -0.1
B05A	Bryant	88.20	39	↑P	P	09 40 26.5 +0.1
C05A	Toll Reservoir	88.21	39	↓P	P	09 40 26.3 -0.2
N09A	Rock Creek Ran	88.21	47	↑P	P	09 40 26.9 +0.3
K08A	Mann Creek Ran	88.26	45	↓P	P	09 40 26.9 +0.1
BMN	Battle Mountai	88.27	47	PFAKE	LR	09 40 40.0 +1.3
BMN	Battle Mountai	88.27	47	LR	LR	
Q10A	Clear Creek Ra	88.27	49	↓P	P	09 40 27.0 +0.1
H07A	Lands Inn, Kim	88.27	43	eP	P	09 40 26.8 0.0
JCW	Jim Creek	88.28	39	↑P	P	09 40 27.0 +0.3
LPIG	La Paz	88.31	65	P	P	09 40 27.4 -0.1
LPIG	La Paz	88.31	65	LR	LR	10 11 59.2
S11A	Rache	88.33	50	P	P	09 40 27.2 0.0
V12A	Nelson	88.33	52	↑P	P	09 40 27.4 +0.1
PDMCI	Parker Dam,Lak	88.39	54	↑P	P	09 40 28.2 +0.6
SYO	Syowa Base	88.41	196	eP	P	09 40 23.3 -3.8
SYO	Syowa Base	88.41	196	↓P	P	09 40 26.6 -0.5
SYO	Syowa Base	88.41	196	↑P	P	09 40 31.0 +3.9
Y13A	Salome	88.47	54	↑P	P	09 40 28.2 +0.1
G07A	Ruggs Ranch, H	88.47	42	↓P	P	09 40 27.5 -0.2
M09A	Marrel Ranch,	88.48	46	↓P	P	09 40 28.4 +0.5
P10A	Curia	88.51	48	↑P	P	09 40 28.1 +0.1
J08A	Circle Bar Ran	88.51	44	↓P	P	09 40 27.8 -0.2
D06A	Cle Elum	88.52	40	P	P	09 40 27.7 -0.2
A05A	Maple Falls	88.53	38	↑P	P	09 40 27.8 -0.1
EGAK	Eagle	88.53	19	↓P	P	09 40 25.8 -1.8
EGAK	Eagle	88.53	19	LR	LR	
L09A	Wilkinson Ranch	88.55	46	P	P	09 40 28.2 +0.1
F07A	Phinny Hill Vi	88.56	41	↑P	P	09 40 28.2 0.0
T11A	Corn Creek, AI	88.58	51	↓P	P	09 40 28.6 +0.1
RPW	Rock Creek Ran	88.63	39	eP	P	09 40 28.2 -0.2
214A	Organ Pipe Nat	88.67	56	↑P	P	09 40 28.7 -0.3
B06A	Marblemount	88.68	39	↑P	P	09 40 28.8 +0.2
R11A	Tro Ganyo C	88.69	50	↓P	P	09 40 28.9 -0.1
O10A	Cortez Mining,	88.73	48	↓P	P	09 40 29.2 +0.1
X13A	Yucca	88.73	54	↑P	P	09 40 28.9 -0.3
K09A	Rome	88.77	45	↑P	P	09 40 29.3 +0.1
T12A	Moapa	88.78	51	↓P	P	09 40 29.2 -0.2
U12A	Valley of Fire	88.81	52	↓P	P	09 40 30.4 +0.9
Q11A	Duckwater	88.82	49	P	P	09 40 29.5 0.0
H08A	Prairie City	88.83	43	↑P	P	09 40 29.3 -0.1
W13A	Hualapai Mount	88.86	53	↓P	P	09 40 30.0 +0.2
E07A	Sunnyside	88.88	41	↑P	P	09 40 30.2 +0.4
N10A	Dunphy	88.88	47	↑P	P	09 40 30.2 +0.4
A06A	Chiliwack	88.93	38	↑P	P	09 40 30.3 +0.5
DLBC	Dease Lake	88.94	27	eP	P	09 40 27.8 -1.8
G08A	Pilot Rock	88.94	42	↑P	P	09 40 30.2 +0.2

RSW	Rattlesnake Hi	88.98	41	eP	P	09 40 30.1 0.0
S12A	Delamar Landin	88.98	51	↓P	P	09 40 30.7 +0.3
J09A	Fry Pan Ranch,	88.99	44	↓P	P	09 40 30.9 +0.7
P11A	Circle Ranch,	89.00	49	↑P	P	09 40 30.7 +0.3
ETW	Entiat	89.00	40	eP	P	09 40 29.9 -0.3
HAWA	Hanford	89.01	41	eP	P	09 40 30.1 -0.1
Z14A	Wintersburg	89.02	55	↓P	P	09 40 30.9 +0.3
V13A	Grand Canyon W	89.03	52	↓P	P	09 40 30.7 0.0
D07A	Quincy	89.06	40	↑P	P	09 40 30.2 -0.2
M10A	L.L. Ranch, Tu	89.15	46	eP	P	

LAO		ePP	PP	09 45 07.7	-1.5				
LAO		LR	LR						
AMTX	comp=Z,3um,21.0s,MSS.7	56	eP						
AMTX	Amarillo 98.41		P	09 41 13.7	-0.1				
AMTX	comp=Z,9.0nm,0.9s,mb5.3								
AMTX		LR	LR						
MK31	comp=Z,3um,22.0s,MSS.7								
MKAR	Makanchi Array 98.60 316	eP	P	09 41 14.3	+0.1				
MKAR	Makanchi Array 98.60 316	P	P	09 41 14.1	-0.2				
MKAR		PP	PP	09 45 20.7	+5.3				
MKAR	Makanchi Array 98.60 316	P	P	09 41 14.1	-0.2				
MKAR	comp=Z,2.4nm,0.7s,mb5.8,baz=97,slow=5.1,SNR=41		PP						
MKAR		PP	PP	09 45 20.7	+5.3				
MKAR	comp=Z,6.6nm,1.0s,baz=97,slow=9.9,SNR=4.2								
MKAR		PKiKP	PKiKP	09 45 46.5	+0.5				
MKAR	comp=Z,3.7nm,0.9s,baz=208,slow=0.2,SNR=4.8								
MKAR		PKKPbc	PKKPbc	09 57 42.0	-2.9				
MKAR	comp=Z,0.9nm,0.6s,baz=279,slow=3.7,SNR=7.1								
MKAR		LR	LR	10 30 00.3					
MKAR	comp=Z,849nm,18.9s,MSS.3,baz=351,slow=38								
MKAR	Makanchi Array 98.60 316	P	P	09 41 14.1	-0.2				
MKAR		LR	LR	09 45 20.7					
MKAR									
MKAR		pmax	pmax						
RSSD	Black Hills 98.69 47	eP	P	09 41 14.1	-0.7				
RSSD		LR	LR						
RSSD	comp=Z,1.0nm,1.0s,mb5.3								
RSSD		pmax	pmax	09 41 14.1	-0.7				
RSSD									
RSSD	comp=Z,1.0nm,1.0s,mb5.3								
RSSD		MLR	MLR						
JCT	comp=Z,3um,20.0s,MSS.8								
JCT	Junction City 99.00 61	eP	P	09 41 15.8	-0.7				
JCT	comp=Z,7.3nm,0.9s,mb5.2								
JCT		LR	LR						
JCT	comp=Z,4um,19.0s,MSS.0								
JCT	Junction City 99.00 61	eP	P	09 41 15.8	-0.7				
JCT		pmax	pmax						
JCT									
JCT	comp=Z,7.0nm,0.9s,mb5.2		MLR						
JCT		MLR	MLR						
DGMT	comp=Z,4um,19.0s,MSS.0								
DGMT	Dagmar 99.54 42	eP	P	09 41 18.8	+0.4				
DGMT		LR	LR						
DGMT	comp=Z,4.9nm,1.6s,mb5.7								
DGMT		LR	LR						
NVS	comp=Z,2um,19.0s,MSS.6								
NVS	Novosibirsk 99.82 324	iP	P	09 41 16.8	-2.9				
NVS		e	P	09 45 20.1					
NVS		pmax	pmax						
NVS	comp=Z,2.1nm,3.5s		pmax						
NVS	comp=N,24nm,2.1s		pmax						
NVS	comp=E,27nm,2.1s		pmax						
KVXTX	Kingsville 100.00 64	PFAKE	LR	09 41 30.0	+9.5				
KVXTX		LR	LR						
AJM	comp=Z,2um,19.0s,MSS.7								
AJM	Ajmer 100.20 295	eS	SKSac	09 51 58.9	-0.8				
PAYG	Puerto Ayora 100.52 94	PFAKE	LR	09 41 30.0	+7.2				
PAYG		LR	LR						
WMOK	comp=Z,3um,22.0s,MSS.7								
WMOK	Wichita Mounta 100.72 57	PFAKE	LR	09 41 40.0	+1.6				
WMOK		LR	LR						
CBKS	comp=Z,3um,19.0s,MSS.8								
CBKS	Cedar Bluff 100.75 53	ePdif	Pdif	09 41 24.9	+1.1				
CBKS		LR	LR						
CBKS	comp=Z,4um,20.0s,MSS.9								
CBKS	Cedar Bluff 100.75 53	eP	P	09 41 24.9	+1.1				
CBKS		pmax	pmax						
CBKS	comp=Z,12nm,0.9s		MLR						
CBKS		MLR	MLR						
KSH	comp=Z,4um,20.0s,MSS.9								
KSH	Kashi 101.65 308	eP	Pdif	09 41 28.5	+0.7				
KSH		PP	PP	09 45 39.8	+1.1				
KSH		PPP	PPP	09 47 50.3					
KSH		SKS	SKS	09 52 02.4					
KSH		eS	Sdif	09 53 00.3	-7.2				
KSH		eXS	eXS	09 53 23.0					
KSH		ePS	PS	09 54 40.0	-3.2				
KSH		AMB	AMB						
KSH	comp=Z,24nm,0.4s								
KSH		AMB	AMB						
KSH	comp=Z,1um,5.7s								
KSH	comp=N,3um,16.0s,MSS.1		LR	LR					
KSH		LR	LR						
KSH	comp=E,4um,15.0s,MSS.1		LR	LR					
KSH		LR	LR						
PLCA	comp=Z,3um,19.4s,MSS.9								
PLCA	Paso Flores 101.77 138	ePdif	Pdif	09 41 28.4	0.0				
PLCA		LR	LR						
PLCA	comp=Z,25nm,1.9s		LR	LR					
PLCA		LR	LR						
PLCA	comp=Z,2um,19.0s,MSS.5								
PLCA	Paso Flores 101.77 138	P	Pdif	09 41 29.0	+0.7				
PLCA	comp=Z,1.7nm,0.9s,baz=242,slow=7.2,SNR=3.4								
PLCA	Paso Flores 101.77 138	eP	P	09 41 28.4	+0.1				
PLCA		pmax	pmax						
PLCA	comp=Z,25nm,1.9s		MLR	MLR					
PLCA		MLR	MLR						
KURK	comp=Z,2um,19.0s								
KURK	Kurchatov 101.77 320	iP	P	09 41 27.2	-1.1				
KURK		LR	LR						
EFI	comp=Z,3um,22.0s,MSS.8								
EFI	East Falkland 101.84 152	PFAKE	LR	09 41 40.0	+1.1				
EFI		LR	LR						
FFC	comp=Z,2um,19.0s,MSS.5								
FFC	Flin Flon 102.09 36	ePdif	Pdif	09 41 28.2	-1.6				
FFC		LR	LR						
FFC	comp=Z,32nm,1.9s								
FFC		LR	LR						
FFC	comp=Z,2um,20.0s,MSS.6								
FFC	Flin Flon 102.09 36	eP	P	09 41 28.2	-1.6				
FFC		pmax	pmax						
FFC	comp=Z,32nm,1.9s		MLR	MLR					
HKT	comp=Z,2um,20.0s,MSS.6								
HKT	Hockley 102.25 62	PFAKE	LR	09 41 40.0	+9.5				
HKT		LR	LR						
TKM2	comp=Z,5um,19.0s,MSS.1								
TKM2	Tokmak 2 102.51 311	PFAKE	LR	09 41 40.0	+8.3				
TKM2		LR	LR						
KSU1	comp=Z,1um,20.0s,MSS.4								
KSU1	Kansas State U 103.50 53	PFAKE	LR	09 41 50.0	+1.5				
KSU1		LR	LR						
AML	comp=Z,4um,19.0s,MSS.9								
AML	Almayashu 103.78 100	PFAKE	LR	09 41 50.0	+1.3				
AML		LR	LR						
EKS2	comp=Z,1um,20.0s,MSS.5								
EKS2	Erkin-Say 103.79 311	ePdif	Pdif	09 41 38.3	+0.9				
EKS2		LR	LR						
ECS2	comp=Z,3um,22.0s,MSS.8								
ECS2	EROS, Sioux Fal 103.90 48	ePdif	Pdif	09 41 37.6	-0.2				
ECS2		LR	LR						
ECSD	comp=Z,4.6nm,0.9s		LR	LR					
ECSD		LR	LR						
BHJ	comp=Z,3um,19.0s,MSS.8								
BHJ	Mount Ida 104.00 291	eS	SKSac	09 52 17.5	-0.5				
MIAI	comp=Z,2um,20.0s,MSS.7								
MIAI	Mount Ida 104.91 58	PFAKE	LR	09 41 50.0	+7.7				
MIAI		LR	LR						
AGMN	comp=Z,2um,20.0s,MSS.7								
AGMN	Agassiz Refuge 104.99 43	PFAKE	LR	09 41 50.0	+7.3				
AGMN		LR	LR						
ULM	comp=Z,3um,19.0s,MSS.8								
ULM	Lac du Bonnet 105.19 41	PKP	PKiKP	09 45 56.5	-1.2				
ULM		PKKPab	PKKPab	09 57 40.2	-0.6				
ULM		PKKPab	PKKPab						
ULM	comp=Z,2um,20.0s,MSS.7								
ULM	Lac du Bonnet 105.19 41	PKiKP	PKiKP	09 45 56.5	-1.2				
ULM	comp=Z,2.5nm,0.6s,baz=273,slow=1.7,SNR=3.4								
ULM		PKKPab	PKKPab	09 57 40.2	-0.6				
SCIA	comp=Z,1.9nm,0.7s,baz=80,slow=5.5,SNR=3.4								
SCIA	State Center 106.15 50	PFAKE	LR	09 46 10.0	+1.0				
SCIA		LR	LR						
KBL	comp=Z,6um,20.0s,MSS.2								
TGUH	Kabul 106.35 302	ePKP	PKiKP	09 46 01.2	+0.8				
TGUH	Tegucigalpa, Un 106.97 80	PFAKE	LR	09 46 10.0	+7.9				
TGUH		LR	LR						
VBMS	comp=Z,2um,20.0s,MSS.7								
VBMS	Vicksburg 107.12 61	PFAKE	LR	09 46 10.0	+8.1				
VBMS		LR	LR						
BRVK	comp=Z,3um,20.0s,MSS.8								
BRVK	Borovoye 107.16 321	ePdif	Pdif	09 41 52.8	+0.5				
BRVK		LR	LR						
BRVK	comp=Z,2um,20.0s,MSS.7								
BRVK	Borovoye 107.16 321	eP	P	09 41 52.8	+0.5				

BRVK	comp=Z,1.2nm,1.3s		pmax	pmax					
BRVK		MLR	MLR						
TEIG	comp=Z,2um,20.0s,MSS.7								
TEIG	Tepich 107.23 73	PFAKE	LR	09 46 10.0	+7.5				
TEIG		LR	LR						
CCM	comp=Z,3um,19.0s,MSS.9								
CCM	Cathedral Cave 107.23 54	ePKP	LR	09 46 01.2	-0.8				
CCM		PKiKP	PKiKP						
CCO	comp=Z,3um,22.0s,MSS.8								
CCO	Las Campanas 107.67 128	PFAKE	LR	09 46 10.0	+6.9				
CCO		LR	LR						
EYMN	comp=Z,2um,22.0s,MSS.7								
EYMN	Ely 107.88 44	PFAKE	LR	09 46 10.0	+7.2				
EYMN		LR	LR						
PARMO	comp=Z,2um,19.0s,MSS.5								
PARMO	Parma 108.27 56	ePKP	PKiKP	09 46 02.7	-1.3				
OXF	Oxford 108.32 58	PFAKE	LR	09 46 20.0	+1.6				
OXF		LR	LR						
JFWS	comp=Z,4um,20.0s,MSS.0								
JFWS	Jewell Farm 108.43 49	ePKP	PKiKP	09 46 02.9	-1.2				

Table with columns for country codes (e.g., AGRB, ARTV, SPB), names, times, and various status codes (e.g., eP, PKPdf, LR).

Table with columns for country codes (e.g., ANTO, ANTO, ANTO), names, times, and various status codes (e.g., MLR, PKPdf, LR).

Table with columns for country codes (e.g., comp=Z,2um,28.1s), names, times, and various status codes (e.g., ePKPpre, PKPdf, LR).

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Table with columns for call sign, name, frequency, and other details. Includes entries for VTS Vitosha, VTS Vitosha, VTS Vitosha, LIA Limnos Island, MMB Musumisti, MOX Moxa, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for WLF Waferandage, WLF Waferandage, WLF Vlachokerasia, WLF Vlachokerasia, GNDS Knezi Doli, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for CARF Carcanieres, MLS Moulis, SALF Salau, MALS Melles, VALF Valcebollere, etc.

Table with columns for country codes (e.g., KLR, HIA, YSS), names, and numerical data. Includes entries like Hialar 39.37 354 eP, Yuzh-Sakhalins 39.40 18 eP, etc.

Table with columns for country codes (e.g., AFI, RPZ, RPZ), names, and numerical data. Includes entries like Afiamalu 66.23 110 LR, Rata Peaks 67.44 146 LR, etc.

Table with columns for country codes (e.g., MAW, MAW, MLR), names, and numerical data. Includes entries like Mawson 89.44 200 P, Muntele Ross 89.78 316 i/P, etc.

ISCJB 15 11:24:19.0.0.2,303S:003:3623E:003,h11km,mb5.2/183,MS4.7/41,Error ellipse: s-maj=4.6km s-min=3.7km az=170.8
 IDC 15 11:24:19.4.0.4,276S:3612E,h0km,mb4.9/23,mb1.5/0.25,mb1mx5.0/26,mbtmp4.9/25,ML4.8/2,MS4.7/19,Ms1.4/719,ms1mx4.5/36,Error ellipse: s-maj=14.3km s-min=7.8km az=113.0
 MOS 15 11:24:20.2.1.5,274S:3631E,h10km,mb5.4/65,MS4.6/16,Error ellipse: s-maj=9.3km s-min=3.1km az=105.3
 NEIC 15 11:24:21.4.0.2,293S:3624E,h10km,mb5.2/96,Error ellipse: s-maj=7.6km s-min=4.8km az=72.0
 NEIC Felt (III) at Arusha; also felt at Kabanga and Ngara. Felt (III) at Nairobi, Kenya.
 STR 15 11:24:21.6.0.0,276S:3600E,Ms5.1,Ms4.6,Error ellipse: s-maj=0.0km s-min=0.0km az=141.0
 GCMT 15 11:24:21.4.0.3,282S:3558E,h18km,MW5.3/79, Moment Tensor Solution, s38,c52; s79,c121; Duration: 1st 1 Moment tensor: Scale 10⁷Nm; Mr=0.93E+04; Mw=0.89E+03; Mo=0.04E+03; Mo=0.19E+06; Mo=0.20E+02; Mo=0.51E+10; Best double couple: Mo1.06000E+10; NP1=235.00000°; 847.00000°; -124.00000°; NP2: 63.0100000°; 183.00000°; -58.00000°; Principal axes: T: 0.9300, Plg3.0000°, Azm169.0000°, N: 0.2440, Plg25.0000°, Azm260.0000°; P: -1.1820, Plg65.0000°, Azm73.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 BUJ 15 11:24:21.4.290S:3620E,h10km,mb5.6,mb5.3,Ms5.1,Ms4.7

SZGRF 15 11:24:26.0, 198S:3742E,h33km,mb5.5, Kenya
 DJA 15 11:24:26, 294S:3605E,h38km,mb5.4/25
 ISC 15 11:24:21.2.1.7,311S:003:3624E:003,h15km,10km,h11km,7km;pP,N591,σ1926/538,mb5.2/183,MS4.7/41,44C-200,Tanzania

Code	Station Name	AZ	Phase ID	ISC	h	m	s	ISC	Time	Res
KMBO	Kilima Mbogo	2.22	Op						11 24 50	-3.5
KMBO	Kilima Mbogo	2.22	Op						11 24 54	-3.3
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KMBO	Kilima Mbogo	2.22	Op						11 24 54	-3.3

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Bryant, Jim Creek, Boistfort, Rockport, Yellowknife Ar, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YSS, eSSS, JCC, H06A, D09A, G07A, YBH, YBH, YBH, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H09A, G10A, E11A, YAK, YAK, YAK, etc.

MURC	Murrieta	40.73	97	P	P	13 15 42.3	+0.3
U13A	Pakoon Wash	40.82	91	↑P	P	13 15 42.7	+0.1
MDJ	Mudanjiang	40.82	285	P	P	13 15 41.1	-1.5
MDJ				AP	pP	13 15 44.3	-2.4
MDJ				XP	sP	13 15 45.3	-3.1
MDJ				PCS	PcS	13 21 33.3	-0.7
MDJ				S	S	13 21 50.9	-2.1
MDJ				SCS	ScS	13 25 48.4	+1.4
MDJ				AMB	AMB		
MDJ	comp=Z,47nm,0.8s,mb5.2				AMB		
MDJ	comp=Z,2µm,10.0s				LR		
MDJ	comp=N,14µm,17.3s,MS6.0				LR		
MDJ	comp=E,12µm,18.8s,MS6.0				LR		
MDJ	comp=Z,19µm,18.5s,MS6.0				LR		
MDJ	Mudanjiang	40.82	285	eP	P	13 15 41.2	-1.4
MDJ	comp=Z,39nm,0.9s,mb5.0				LR		
MDJ	comp=Z,17µm,22.0s,MS5.9				LR		
GMRC	Granite Mounta	40.86	94	↑P	P	13 15 42.5	-0.5
Q16A	Castle Valley	40.93	86	↑P	P	13 15 42.6	-1.0
T14A	Hurricane	40.94	90	↑P	P	13 15 43.0	-0.6
S15A	Panguitch	40.98	88	↑P	P	13 15 43.2	-0.8
W12A	Cal Nev Ari	41.00	93	↑P	P	13 15 43.9	-0.2
LDFC	Landfair	41.00	94	eP	P	13 15 44.3	+0.1
PFO	Pinyon Flat Ob	41.17	96	eP	P	13 15 44.9	-0.7
PFO	comp=Z,242nm,1.4s,mb5.6				LR		
PFO	comp=Z,12µm,21.0s,MS5.7				LR		
PFO	Pinyon Flat Ob	41.17	96	LR	LR	13 28 47.5	
PFO	comp=Z,12µm,21.1s,MS6.7,baz=288,slow=30				LR		
PFO	Pinyon Flat Ob	41.17	96	eP	P	13 15 44.9	-0.7
PFO	comp=Z,242nm,1.4s,mb5.6				pmax		
PFO	comp=Z,12µm,21.0s,MS5.7				MLR		
PFO	Pinyon Flat Ob	41.17	96	↑P	P	13 15 45.2	-0.4
V13A	Grand Canyon W	41.17	92	↑P	P	13 15 45.8	+0.1
BELC	Belle Mtn	41.20	96	↑P	P	13 15 45.5	-0.2
SRU	San Rafael	41.20	85	eP	P	13 15 46.0	+0.2
SRU	San Rafael	41.20	85	eP	P	13 15 46.0	+0.2
SRU	comp=Z,119nm,1.0s,mb5.5				pmax		
SRU	comp=Z,80nm,1.0s,mb5.3				pmax		
109C	Camp Elliot, M	41.28	98	↑P	P	13 15 46.8	+0.3
U14A	Mt Trumbull	41.29	91	↑P	P	13 15 46.9	+0.3
T15A	Red Dirt Ranch	41.39	89	↑P	P	13 15 47.4	0.0
Q18A	Rafter H Ranch	41.44	85	↑P	P	13 15 47.4	-0.4
NEE2	Needles Airpor	41.51	94	↑P	P	13 15 48.3	0.0
IRM	Iron Mountain	41.59	95	↑P	P	13 15 49.3	+0.2
RWWY	Rawlins	41.64	80	eP	P	13 15 48.1	-1.3
BAR	Barrett	41.68	98	eP	P	13 15 50.1	+0.2
BAR	comp=Z,237nm,1.4s,mb5.6				LR		
MONP	Monument Peak	41.69	97	↑P	P	13 15 50.4	+0.5
W13A	Hualapai Mount	41.73	93	↑P	P	13 15 49.7	-0.6
BC3	Big Chuckw Mtn	41.75	96	↑P	P	13 15 49.7	-0.7
U15A	North Rim	41.83	90	↑P	P	13 15 51.4	+0.4
V14A	Boquillas Ranc	41.85	91	↑P	P	13 15 51.2	0.0
SWSC	Sam W. Stewart	42.03	97	↑P	P	13 15 52.0	-0.7
R18A	Canyonlands Na	42.04	86	↑P	P	13 15 51.7	-1.0
DVTC	Desert V Tower	42.04	97	↑P	P	13 15 52.5	-0.3
X13A	Yucca	42.10	93	↑P	P	13 15 53.1	-0.1
RSSD	Black Hills	42.11	75	eP	P	13 15 51.7	-1.5
RSSD	comp=Z,84nm,1.4s,mb5.2				LR		
RSSD	comp=Z,14µm,20.0s,MS5.8				LR		
RSSD	Black Hills	42.11	75	eP	P	13 15 51.7	-1.5
RSSD	comp=Z,84nm,1.4s,mb5.2				pmax		
RSSD	comp=Z,84nm,1.4s,mb5.2				MLR		
RSSD	comp=Z,14µm,20.0s,MS5.8				MLR		
W14A	Seligman	42.15	92	↑P	P	13 15 53.3	-0.3
Y12C	Blythe	42.25	95	↑P	P	13 15 54.3	-0.2
V15A	Kaibab Nationa	42.30	90	↑P	P	13 15 54.7	-0.2
S18A	Hurst Farm, B1	42.42	87	↑P	P	13 15 55.3	-0.5
R19A	Curley Farm, L	42.48	85	↑P	P	13 15 55.2	-1.1
BOD	Bodaibo	42.51	309	↑P	P	13 15 54.8	-1.4
BOD	comp=Z,74nm,1.0s,mb5.4				pmax		
GLA	Glamis	42.55	96	eP	P	13 15 57.0	+0.1
GLA	comp=Z,616nm,1.8s,mb6.0				LR		
GLA	comp=Z,12µm,19.0s,MS5.8				LR		
GLA	Glamis	42.55	96	eP	P	13 15 57.0	+0.1
GLA	comp=Z,616nm,1.8s,mb6.0				pmax		
GLA	comp=Z,12µm,19.0s,MS5.8				MLR		
GLA	comp=Z,12µm,19.0s,MS5.8				MLR		
GLA	Glamis	42.55	96	↑P	P	13 15 56.9	+0.1
PV10	Paradox Valley	42.56	85	eP	P	13 15 57.0	0.0
Y13A	Salome	42.63	94	↑P	P	13 15 57.5	-0.1
W15A	Willard	42.67	91	↑P	P	13 15 57.5	-0.3
U17A	Shonto	42.71	88	↑P	P	13 15 57.5	-0.7
U16A	Tuba City	42.73	89	↑P	P	13 15 57.3	-1.0
X14A	Yava	42.76	92	↑P	P	13 15 57.7	-0.9
T18A	Mexican Hat	42.85	87	↑P	P	13 15 58.1	-1.2
S19A	Harvey Farm, M	42.91	86	↑P	P	13 15 59.0	-0.7
PHWY	Pilot Hill	42.92	79	eP	P	13 15 59.0	-0.9
WUAZ	Wupaki	42.99	90	eP	P	13 16 00.4	-0.1
WUAZ	comp=Z,363nm,1.4s,mb5.9				LR		
WUAZ	comp=Z,16µm,20.0s,MS5.9				LR		
WUAZ	Wupaki	42.99	90	↑P	P	13 15 59.8	-0.6
PV01	Paradox Valley	43.00	85	eP	P	13 15 59.9	0.0
Y14A	Wickenburg	43.05	93	↑P	P	13 16 00.9	0.0
112A	Yuma	43.05	96	↑P	P	13 16 00.8	-0.1
X15A	Humboldt	43.15	92	↑P	P	13 16 01.6	-0.2
W16A	Flagstaff	43.17	91	↑P	P	13 16 01.9	0.0
U18A	Rough Rock, Ch	43.31	88	↑P	P	13 16 02.9	-0.1
SMCO	Snowmass	43.32	83	eP	P	13 16 02.2	-0.8
ULM	Lac du Bonnet	43.37	63	eP	P	13 16 01.9	-1.5

ULM	comp=Z,24µm,22.0s,MS6.1				LR		
ULM	Lac du Bonnet	43.37	63	P	P	13 16 02.3	-1.0
ULM	comp=Z,23nm,0.8s,mb5.0,baz=305,slow=7.9,SNR=21				LR		
113A	Mohawk Valley	43.39	95	↑P	P	13 16 03.3	-0.4
Y15A	Casa Rosa Ranc	43.45	93	↑P	P	13 16 04.1	-0.1
Z14A	Wintersburg	43.48	94	↑P	P	13 16 03.9	-0.5
MVCO	Mesa Verde	43.64	86	eP	P	13 16 05.0	-0.6
MVCO	comp=Z,217nm,1.4s,mb5.7				LR		
MVCO	Mesa Verde	43.64	86	↑P	P	13 16 04.7	-0.9
X16A	Lo Mia Camp, P	43.78	91	↑P	P	13 16 05.4	-0.7
CN2	Changchun	43.73	286	eP	P	13 16 05.4	-0.9
CN2	comp=Z,20nm,0.9s,mb4.8				eAP		
CN2	comp=N,21µm,22.0s,MS6.0				eKP		
CN2	comp=E,8µm,22.0s,MS6.0				ePP		
CN2	comp=Z,20nm,0.9s,mb4.8				eS		
CN2	comp=Z,20nm,0.9s,mb4.8				AMB		
CN2	comp=N,21µm,22.0s,MS6.0				LR		
CN2	comp=E,8µm,22.0s,MS6.0				LR		
V18A	Canado	43.74	89	↑P	P	13 16 06.2	-0.3
ISCO	Idaho Springs	43.75	81	PFAKE	LR	13 16 20.0	+1.3
HIA	Hailar	43.89	296	eP	P	13 16 07.2	-0.4
HIA	comp=Z,17µm,19.0s,MS6.0				LR		
HIA	Hailar	43.89	296	eP	P	13 16 07.2	-0.3
HIA	comp=Z,18µm,20.0s,MS6.0				pmax		
HIA	Hailar	43.89	296	eP	P	13 16 07.2	-0.3
HIA	comp=Z,52nm,1.0s				MLR		
Y16A	Circle Bar Ran	44.02	92	↑P	P	13 16 08.6	-0.2
W18A	Petrified Fore	44.25	89	↑P	P	13 16 09.9	-0.7
V19A	Window Rock	44.28	88	↑P	P	13 16 10.1	-0.7
115A	Sonoran Desert	44.37	94	↑P	P	13 16 11.7	+0.1
Z16A	Peru Trail	44.42	92	↑P	P	13 16 11.9	-0.1
AGMN	Agassiz Refuge	44.44	65	eP	P	13 16 10.5	-1.5
AGMN	comp=Z,92nm,1.0s,mb5.5				LR		
W19A	Sanders	44.47	89	↑P	P	13 16 11.8	-0.6
X18A	Snowflake	44.52	90	↑P	P	13 16 12.3	-0.5
Z14A	Organ Pipe Nat	44.53	95	↑P	P	13 16 12.7	-0.2
Y17A	Roosevelt	44.53	92	↑P	P	13 16 12.6	-0.3
116A	Eloy	44.78	94	↑P	P	13 16 14.9	0.0
Y18A	Canyon Day Jun	44.97	91	↑P	P	13 16 16.1	-0.3
X19A	St. Louis	44.99	90	↑P	P	13 16 16.3	-0.2
Z17A	San Carlos Hig	45.03	92	↑P	P	13 16 17.2	+0.3
SDCO	Great Sand Dun	45.12	83	eP	P	13 16 17.2	-0.2
SDCO	comp=Z,250nm,1.7s,mb5.8				LR		
Z16A	Three Points	45.32	94	↑P	P	13 16 19.2	0.0
Y19A	Nutrioso	45.33	90	↑P	P	13 16 19.3	+0.1
117A	Oracle	45.37	93	↑P	P	13 16 19.3	-0.2
Z18A	Geronomo	45.44	92	↑P	P	13 16 20.4	+0.3
TUC	Tucson	45.52	93	PFAKE	LR	13 16 30.0	+9.3
Z19A	T-Link Ranch	45.77	91	↑P	P	13 16 22.5	-0.3
118A	Homack Ranch	45.79	92	↑P	P	13 16 22.6	-0.3
Z17A	Green Valley	45.87	94	↑P	P	13 16 23.8	+0.3
119A	Ashpeak Ranch	46.11	91	↑P	P	13 16 25.8	+0.4
KRSR	Korea Array	46.17	277	P	P	13 16 26.7	+0.9
KRSR	comp=Z,99nm,0.9s,mb5.7,baz=54,slow=7.5,SNR=124				LR		
Z18A	Dragon	46.20	93	↑P	P	13 16 26.6	+0.5
LAZ	Ladron	46.32	88	eP	P	13 16 27.2	+0.2
ANMO	Albuquerque	46.37	87	eP	P	13 16 27.0	-0.4
ANMO	comp=Z,2µm,1.6s				LR		
ANMO	Albuquerque	46.37	87	eP	P	13 16 27.0	-0.4
ANMO	comp=Z,19µm,19.4s,MS5.9,baz=127,slow=34				pmax		
ANMO	Albuquerque	46.37	87	eP	P	13 16 27.0	-0.4
ANMO	comp=Z,2µm,1.6s				pmax		
Z19A	Bisbee	46.61	93	↑P	P	13 16 29.5	+0.2
ECSO	EROS, Sioux Fal	46.67	71	eP	P	13 16 27.3	-2.3
ECSO	comp=Z,55nm,1.0s,mb5.4				LR		
LPM	Los Pinos Moun	46.69	88	eP	P	13 16 30.1	+0.1
BNN	Barren Site	46.80	88	eP	P	13 16 30.8	0.0
INCN	Inchou	46.93	278	eP	P	13 16 31.4	-0.4
EYMN	Ely	47.05	63	eP	P	13 16 30.7	-1.8
EYMN	comp=Z,67nm,1.0s,mb5.5				LR		
319A	Douglas	47.09	93	↑P	P	13 16 33.2	+0.1
JNU	Nakatsue	47.26	271	P	P	13 16 34.5	+0.1
CBKS	Cedar Bluff	47.70	97	eP	P	13 16 38.5	-0.8
CBKS	comp=Z,129nm,1.0s,mb5.9				LR		
CBKS	Cedar Bluff	47.70	97	eP	P	13 16 38.5	-0.8
CBKS	comp=Z,7µm,19.0s,MS5.6				LR		
CBKS	Cedar Bluff	47.70	97	eP	P	13 16 38.6	-0.7
CBKS	comp=Z,129nm,1.0s,mb5.9				pmax		
CBKS	comp=Z,7µm,19.0s,MS5.6				MLR		

HHC		PCP	PcP	13 18 29.8	+1.2		
HHC		PP	PP	13 19 25.1	+2.5		
HHC		SCP	SCP	13 22 28.8	-0.1		
HHC		PcS	PcS	13 22 28.1	+0.5		
HHC		XS	S	13 24 56.4	+1.4		
HHC		SS	sS	13 25 00.4	-1.6		
HHC		PS	PS	13 25 04.8			
HHC		SCS	ScS	13 27 09.6	-1.5		
HHC		SS	SS	13 28 32.5	-2.4		
HHC		AMB	AMB				
comp=Z,76nm,1.2s,mb5.5							
HHC		AMB	AMB				
comp=Z,3um,7.4s							
HHC		LR	LR				
comp=N,15um,18.6s,MS6.2							
HHC		LR	LR				
comp=E,12um,17.8s,MS6.2							
HHC		LR	LR				
comp=Z,22um,18.8s,MS6.2							
Saint Louis	53.62	72	eP	P	13 17 20.7	-1.8	
comp=Z,252nm,1.5s,mb5.9							
SLM	Saint Louis	53.62	72	eP	P	13 17 20.7	-1.8
SLM							
comp=Z,252nm,1.5s,mb5.9							
GUMO	Guam	53.88	242	P	P	13 17 22.5	-2.0
GUMO							
comp=Z,120nm,0.5s,mb5.1							
GUMO	Guam	53.88	242	P	P	13 17 22.5	-2.0
GUMO							
comp=Z,120nm,0.5s,mb5.1							
FVM	French Village	53.95	73	eP	P	13 17 22.0	-2.8
comp=Z,49nm,0.9s,mb5.4							
FVM	French Village	53.95	73	P	P	13 17 22.9	-2.0
FVM							
comp=Z,50nm,1.0s,mb5.4							
MIAR	Mount Ida	54.43	78	eP	P	13 17 26.3	-2.1
comp=Z,161nm,1.3s,mb5.8							
MIAR							
comp=Z,7um,19.0s,MS5.8							
MIAR	Mount Ida	54.43	78	eP	P	13 17 26.3	-2.1
MIAR							
comp=Z,161nm,1.3s,mb5.8							
MIAR							
comp=Z,7um,19.0s,MS5.8							
SSE	Sheshan	54.57	276	P	P	13 17 30.1	+0.7
SSE							
SSE							
SSE							
SSE							
SSE							
SSE							
SSE							
SSE							
comp=Z,155nm,1.0s,mb6.0							
SSE							
comp=Z,2um,9.4s							
SSE							
comp=N,5um,24.0s,MS5.6							
SSE							
comp=E,4um,24.0s,MS5.6							
SSE							
comp=Z,8um,19.7s,MS5.8							
BTO	Baotou	54.63	292	eP	P	13 17 31.1	+1.3
MAIG	Mazatlan	54.77	98	iP	P	13 17 30.9	0.0
SCHO	Schefferville	54.77	44	P	P	13 17 29.9	-0.6
SCHO							
comp=Z,54nm,0.9s,mb5.6,baz=31,slow=7.2,SNR=25							
SCHO	Schefferville	54.77	44	P	P	13 17 29.9	-0.6
SCHO							
comp=Z,24um,18.9s,MS6.3,baz=32,slow=39							
SIUC	Southern Illin	54.84	72	eP	P	13 17 29.2	-2.1
SIUC							
comp=Z,53nm,0.8s,mb5.6							
AAM	Ann Arbor	54.90	64	P	P	13 17 29.9	-1.8
AAM							
comp=Z,15um,21.0s,MS6.0							
UALR	University of	55.01	77	eP	P	13 17 31.0	-1.6
UALR							
comp=Z,163nm,1.8s,mb5.8							
TIY	Taiyuan	55.21	288	iP	P	13 17 33.4	-0.6
TIY							
TIY							
TIY							
TIY							
comp=Z,3um,4.9s							
TIY							
comp=N,16um,14.6s,MS6.3							
TIY							
comp=E,16um,18.3s,MS6.3							
TIY							
comp=Z,24um,17.3s,MS6.3							
PARMO	Parma	55.24	73	eP	P	13 17 32.1	-2.1
NJ2	Nanjing	55.31	279	eP	P	13 17 34.9	+0.1
NJ2							
NJ2							
NJ2							
NJ2							
NJ2							
NJ2							
NJ2							
comp=Z,150nm,1.0s,mb6.0							
NJ2							
comp=Z,3um,7.8s							
NJ2							
comp=N,6um,29.6s,MS5.9							
NJ2							
comp=E,13um,31.2s,MS5.9							
NJ2							
comp=Z,13um,30.2s,MS5.8							
BLO	Bloomington	55.40	69	eP	P	13 17 33.0	-2.3
comp=Z,161nm,1.6s,mb5.9							
BLO	Bloomington	55.40	69	P	P	13 17 33.1	-2.3
BLO							
comp=Z,190nm,1.6s,mb5.9							
USIN	University of	55.57	71	eP	P	13 17 34.4	-2.1
USIN							
comp=Z,168nm,1.1s,mb5.0							
JMIC	Jan Mayen	55.92	8	eP	P	13 17 37.5	-1.1
JMIC							
comp=Z,10um,21.6s,MS5.9							
UTMT	University of	55.98	73	eP	P	13 17 38.0	-1.5
UTMT							
comp=Z,168nm,0.9s,mb5.1							
WCI	Wyandotte Cave	56.17	70	eP	P	13 17 38.6	-2.3
WCI							
comp=Z,72nm,1.1s,mb5.6							
WCI							
comp=Z,18um,20.0s,MS6.2							
WCI	Wyandotte Cave	56.17	70	P	P	13 17 39.3	-1.6
WCI							
comp=Z,72nm,1.1s,mb5.6							
HKT	Hockley	56.29	84	eP	P	13 17 40.2	-1.7
HKT							
comp=Z,416nm,1.6s,mb6.2							
HKT							
comp=Z,13um,21.0s,MS6.0							
HKT	Hockley	56.29	84	eP	P	13 17 40.2	-1.7
HKT							
comp=Z,416nm,1.6s,mb6.2							
HKT							
comp=Z,13um,21.0s,MS6.0							
ACSO	Alum Creek Sta	56.68	66	eP	P	13 17 42.8	-1.7
ACSO							
comp=Z,61nm,1.1s,mb5.5							
ACSO							
comp=Z,10um,19.0s,MS5.9							
WVT	Waverly	56.73	73	eP	P	13 17 42.4	-2.5
WVT							
comp=Z,281nm,1.5s,mb6.1							
WVT							
comp=Z,11um,19.0s,MS6.0							
WVT	Waverly	56.73	73	eP	P	13 17 42.4	-2.5
WVT							
comp=Z,281nm,1.5s,mb6.1							
WVT							
comp=Z,11um,19.0s,MS6.0							
KVTX	Kingsville	56.76	87	P	P	13 17 46.1	+0.8
KVTX							
comp=Z,691nm,1.7s,mb6.4							
KVTX							
comp=Z,10um,20.0s,MS5.9							
OXF	Oxford	56.93	75	eP	P	13 17 43.9	-2.4
OXF							
comp=Z,301nm,1.0s,mb6.3							
OXF							
comp=Z,8um,20.0s,MS5.8							
OXF	Oxford	56.93	75	eP	P	13 17 43.9	-2.4
OXF							
comp=Z,301nm,1.0s,mb6.3							
OXF							
comp=Z,8um,20.0s,MS5.8							
ERPA	Erie	57.03	62	eP	P	13 17 47.4	+0.5
ERPA							
comp=Z,97nm,1.0s,mb5.8							
ERPA							
comp=Z,16um,21.0s,MS6.1							
PLAL	Pickwick Lake	57.39	74	eP	P	13 17 47.0	-2.5
PLAL							
comp=Z,76nm,0.9s,mb5.7							

KEV	comp=Z,10um,19.0s,MS5.9						
KEV	Kevo	57.53	354	eP	P	13 17 48.7	-1.3
KEV							
comp=Z,61nm,0.8s,mb5.7							
KEV							
comp=Z,12um,19.0s,MS6.0							
NVS	Novosibirsk	57.82	320	iP	P	13 17 50.9	-1.4
NVS							
comp=Z,104nm,1.6s,mb5.6							
NVS							
comp=N,65nm,1.7s							
NVS							
comp=E,82nm,1.8s							
ARCES	ARCESS Array B	57.84	354	P	P	13 17 51.2	-1.0
ARCES							
comp=Z,91nm,0.9s,mb5.8,baz=15,slow=5.0,SNR=46							
ARCES	ARCESS Array B	57.84	354	P	P	13 17 51.2	-1.0
ARCES							
comp=E,10um,18.6s,MS5.9,baz=5.3,slow=38							
ARCES	ARCESS Array B	57.84	354	P	P	13 17 51.2	-1.0
ARCES							
comp=Z,91nm,0.9s							
ARCES							
comp=Z,10um,18.6s							
VBMS	Vicksburg	57.88	78	PFAKE	LR	13 18 00.0	+6.9
VBMS							
comp=Z,8um,20.0s,MS5.8							
TRO	Tromso	58.04	357	eP	P	13 17 52.5	-1.1
TRO							
comp=Z,151nm,0.8s,mb5.1							
TRO							
comp=Z,8um,20.0s,MS5.8							
TRO	Tromso	58.04	357	eP	P	13 17 52.5	-1.1
TRO							
comp=Z,151nm,0.8s,mb5.1							
TRO							
comp=Z,8um,20.0s,MS5.8							
TRO	Tromso	58.04	357	eP	P	13 17 52.5	-1.1
TRO							
comp=Z,151nm,0.8s,mb5.1							
TRO							
comp=Z,8um,20.0s,MS5.8							
LONY	Lake Ozonia	58.16	57	eP	P	13 17 53.3	-1.6
LONY							
comp=Z,19um,19.0s,MS6.2							
SWET	Seवान	58.48	72	eP	P	13 17 54.4	-2.8
SWET							
comp=Z,178nm,1.8s,mb5.8							
KTK1	Kautokeino	58.48	355	eP	P	13 17 55.2	-1.6
KTK1							
comp=Z,178nm,1.8s,mb5.8							
KTK1	Kautokeino	58.48	355	eP	P	13 17 55.2	-1.6
KTK1							
comp=Z,178nm,1.8s,mb5.8							
FRNY	Flat Rock	58.51	56	eP	P	13 17 55.1	-2.2
FRNY							
comp=Z,38nm,0.9s,mb5.4							
LVZ	Lovozero	58.70	350	P	P	13 17 57.7	-0.5
LVZ							
comp=Z,1um,1.0s,mb7.0,SNR=23							
LVZ	Lovozero	58.70	350	P	P	13 17 57.7	-0.5
LVZ							
comp=Z,10um,19.0s,MS6.0							
LVZ	Lovozero	58.70	350	iP	P	13 17 57.6	-0.6
LVZ							
comp=Z,65nm,1.0s,mb5.6							
NCB	Newcomb	58.79	57	eP	P	13 17 57.7	-1.6
NCB							

STON	Ston	84.84	356	P	P	13 20 34.6	-1.1
RSDY	Resadiye-TOKAT	84.86	341	eP	P	13 20 36.9	+1.1
TOS	Tosya	84.86	343	eP	P	13 20 37.3	+1.5
SAFT	Safranbolu	84.89	344	eP	P	13 20 37.0	+1.0
ILGA	Ilgaz	84.90	344	iP	P	13 20 37.8	+1.8
FILF	Filiflotes	84.92	366	eP	P	13 20 36.6	+0.6
PVY	Plav	85.00	354	iP	P	13 20 36.3	+0.2
KDZE	Karadeniz Ereo	85.01	345	eP	P	13 20 34.5	-2.0
SJAF	Saint Jean de	85.04	7	eP	P	13 20 37.2	+0.5
VALF	Valcebolle	85.06	7	eP	P	13 20 37.5	+0.7
DIM	Dimitrovgrad	85.06	350	eP	P	13 20 36.9	+0.1
EJON	La Jonquera	85.08	7	P	P	13 20 36.4	-0.4
comp=Z,38nm,0.8s,mb5.8							
TKOT	Tokat	85.09	341	eP	P	13 20 37.5	+0.6
PLVD	Plouvid	85.10	350	eP	P	13 20 37.0	-0.3
PLD	Plouvid	85.09	350	eP	P	13 20 35.3	-1.7
CTKT	Corum	85.12	343	iP	P	13 20 39.1	+2.0
EDRB	Edirne	85.13	349	eP	P	13 20 37.5	+0.3
SNG	Songkhla	85.16	275	P	P	13 20 38.0	+0.3
comp=Z,72nm,0.8s,mb5.8							
TCG	Podgorica	85.20	355	iP	P	13 20 36.8	-0.7
VAND	Van	85.21	336	eP	P	13 20 37.9	+0.3
BCI	Bayram Curri	85.22	354	eP	P	13 20 37.8	+0.2
HCV	Herceg Novi	85.23	355	iP	P	13 20 36.8	-0.8
MCO	Moncorvo	85.25	14	eP	P	13 20 37.9	+0.2
comp=Z,67nm,1.9s,mb5.5							
MVO	Moncorvo	85.25	14	eLR	S	13 31 10.0	+2.6
MVO	Moncorvo	85.25	14	eLR	S	13 52 06.2	
PGF	Pioggiola	85.26	2	eP	P	13 20 38.5	+0.7
comp=Z,1um,1.4s,mb5.5							
PGF	Pioggiola	85.26	2	eP	P	13 20 38.5	+0.7
comp=Z,548nm,1.4s,mb5.5							
PGF	Pioggiola	85.26	2	eP	P	13 20 38.5	+0.7
PGF	Pioggiola	85.26	2	eP	P	13 20 38.5	+0.7
comp=Z,548nm,1.4s,mb5.5							
CANT	Cankiri	85.35	344	eP	P	13 20 40.3	+2.1
BUM	Brajici-Budva	85.35	355	iP	P	13 20 40.3	-0.1
SVSK	Karacayir	85.39	341	eP	P	13 20 38.8	+0.3
BNGL	BINGOL	85.41	338	iP	P	13 20 44.4	+5.8
KLYT	Kilyos	85.42	347	eP	P	13 20 38.6	0.0
AQU	Aquila	85.48	359	iP	P	13 20 43.9	+0.5
KBV	Krupnik	85.49	352	eP	P	13 20 39.5	+0.6
EMIR	Miracle	85.50	8	P	P	13 20 40.4	+1.4
comp=Z,42nm,1.0s,mb5.6							
RZN	Rozhen	85.50	350	eP	P	13 20 38.9	-0.1
SKO	Skopje	85.51	353	iP	P	13 20 39.9	+0.8
SKO	Skopje	85.51	353	iP	P	13 20 39.8	+0.8
SKO	Skopje	85.51	353	iP	P	13 31 15.5	+5.5
CORF	Corte	85.52	2	eP	P	13 20 39.7	+0.6
PVIS	Viseu	85.55	15	eP	P	13 20 40.1	+0.8
comp=Z,36nm,1.3s,mb5.5							
PUK	Puka	85.55	354	eP	P	13 20 39.1	-0.1
CORM	Corum	85.58	343	eP	P	13 20 41.1	+1.7
ISK	Istanbul-Kandi	85.60	347	eP	P	13 20 38.7	-0.8
SGKT	Silivri	85.64	345	iP	P	13 20 40.5	+0.8
ULC	Ulcinj	85.67	355	iP	P	13 20 38.9	-0.9
MMB	Musumiste	85.70	351	eP	P	13 20 40.2	+0.2
KEMA	Kemaliye	85.70	340	iP	P	13 20 41.1	+1.2
STIP	Stip	85.73	352	eP	P	13 20 39.5	-0.7
STIP	Stip	85.73	352	eP	P	13 20 39.3	-0.8
HRT	Hereke	85.76	347	eP	P	13 20 40.5	+0.3
PTK	Petek	85.87	339	eP	P	13 20 42.4	+1.5
PHP	Peshkopia	85.87	354	eP	P	13 20 40.0	-0.1
TKR	Tekirdag	85.88	348	eP	P	13 20 41.6	+0.7
MTE	Manteigas	85.91	15	eP	P	13 20 41.0	-0.1
comp=Z,43nm,1.9s,mb5.4							
MTE	Manteigas	85.91	15	eS	S	13 31 17.9	+3.9
MTE	Manteigas	85.91	15	eLR	LR	13 52 33.8	
comp=Z,9um,18.0s							
MTE	Manteigas	85.91	15	eP	P	13 20 40.7	-0.4
comp=Z,39nm,1.4s,mb5.5							
MTE	Manteigas	85.91	15	eP	P	13 20 40.7	-0.4
comp=Z,9um,20.0s,MS6.2							
RDO	Rodhopi	85.95	350	eP	P	13 20 42.5	+1.2
EPOB	Poblet	86.02	8	P	P	13 20 40.1	-1.5
comp=Z,51nm,1.0s,mb5.5							
YLV	Yalova	86.05	347	eP	P	13 20 41.7	0.0
QSH	Qafa e Shtames	86.07	354	eP	P	13 20 43.5	+1.7
VAY	Valandovo	86.07	352	eP	P	13 20 41.5	-0.3
VAY	Valandovo	86.07	352	iP	P	13 20 41.4	-0.4
HKR	Hakkari	86.08	335	eP	P	13 20 42.5	+0.6
MVT	Muretlet	86.11	348	eP	P	13 20 42.4	+0.4
HAKK	HAKKARI	86.13	343	eP	P	13 20 43.0	+0.9
ADFT	Abdulvahap	86.13	346	eP	P	13 20 42.1	0.0
KRUS	Krusevo	86.13	353	iP	P	13 20 42.2	+0.1
ALN	Alexandroupoli	86.14	349	-0.4	P	13 20 41.9	-0.4
OSP	L'Ospedale	86.15	2	eP	P	13 20 42.4	+0.2
GUD	Guadarrama	86.16	12	eP	P	13 20 42.0	-0.2
comp=Z,1nm,0.6s,mb5.2							
GUD	Guadarrama	86.16	12	P	P	13 20 42.0	-0.3
comp=Z,9.0nm,0.6s,mb5.2							
LOD	Lodun	86.19	344	eP	P	13 20 43.5	+1.0
KNT	Kendrikon	86.20	352	eP	P	13 20 42.7	+0.2
GEMT	Gemlik	86.20	347	eP	P	13 20 42.8	+0.3
ANTO	Ankara	86.20	344	eP	P	13 20 43.9	+1.4
ANTO	Ankara	86.20	344	iP	P	13 20 44.0	+1.5
SART	Sarkoy Tekirda	86.22	348	eP	P	13 20 42.8	+0.3
RKY	Sarkoy Tekirda	86.22	348	eP	P	13 20 43.4	+0.9
ETOR	Torete	86.24	11	P	P	13 20 42.8	+0.2
comp=Z,16nm,0.9s,mb5.2							
ETOR	Torete	86.24	11	P	P	13 20 42.8	+0.1
comp=Z,16nm,0.9s,mb5.2							
TIR	Tirane	86.25	354	eP	P	13 20 42.5	-0.2
MRMT	Marmara Adasi	86.25	348	eP	P	13 20 40.7	-2.0
ENEZ	Enez	86.29	349	eP	P	13 20 42.0	-0.9
ELZG	Elazig	86.33	339	iP	P	13 20 44.9	+1.7
ERTA	Horra de San J	86.35	9	P	P	13 20 43.4	+0.2
comp=Z,20nm,3.1s							
SVRC	Sivrice-ELAZID	86.38	339	eP	P	13 20 45.7	+2.3
OHR	Ohrid	86.42	353	eP	P	13 20 42.6	-0.9
OHR	Ohrid	86.42	353	eP	P	13 20 43.0	-0.5
OHR	Ohrid	86.42	353	eP	P	13 31 05.1	-1.4
NGP	Nagpur	86.43	300	iP	P	13 20 44.0	+0.1
NGP	Nagpur	86.43	300	iP	x	13 20 43.9	-0.5
comp=Z,121nm,1.6s							
NGP	Nagpur	86.43	300	iP	eS	13 31 08.1	-1.1
GRG	Griva	86.45	352	eP	P	13 20 44.2	+0.5
BNT	Bandirama	86.45	348	eP	P	13 20 43.6	-0.2
BIA	Bitola	86.47	353	eP	P	13 20 42.4	-1.4
BIA	Bitola	86.47	353	iP	P	13 20 42.6	-1.2
PCBR	Castelo Branco	86.47	15	eP	P	13 20 43.1	-0.7
comp=Z,25nm,1.9s,mb5.2							
SOH	Sokhos	86.50	351	eP	P	13 20 43.8	-0.1
ULDT	Uludag	86.50	347	iP	P	13 20 44.9	+0.9
KAMT	Kaman	86.53	343	eP	P	13 20 43.5	-0.7
PTOM	Tomar	86.54	16	eP	P	13 20 43.7	-0.5
comp=Z,42nm,2.2s,mb5.7							
LPK	Lapack	86.58	349	eP	P	13 20 46.5	+2.1
MYA	Malatya	86.62	339	eP	P	13 20 45.9	+1.3
DIYA	Diyarbakir	86.63	338	iP	P	13 20 45.8	+1.1
DIY	Diyarbakir	86.63	338	iP	P	13 20 48.3	+3.7
MALT	Malatya	86.63	339	eP	P	13 20 45.5	+0.9
MALT	Malatya	86.63	339	eP	P	13 20 44.5	-0.1
comp=Z,76nm,1.4s,mb5.7							
MALT	Malatya	86.63	339	eP	P	13 20 44.5	-0.2
comp=Z,76nm,1.4s,mb5.7							
MALY	Malatya	86.63	339	iP	P	13 20 45.9	+1.2
BNN	Bunyan	86.64	342	eP	P	13 20 45.6	+1.0
FNA	Florina	86.70	353	eP	P	13 20 44.6	-0.3
PINB	Pinarbasi	86.70	341	iP	P	13 20 46.2	+1.2
THE	Thessaloniki	86.72	352	eP	P	13 20 44.2	-0.8
HJORT	Horhtis	86.74	352	eP	P	13 20 43.1	-1.3
EMOS	Mosqueroela	86.86	9	P	P	13 20 44.8	-1.0
comp=Z,17nm,0.8s,mb5.3							
ESKT	Eskisehir	86.86	345	eP	P	13 20 45.7	-0.1
ESKT	Eskisehir	86.86	345	eP	P	13 20 46.3	+0.6
GADA	Gvkgada	86.86	349	-0.5	P	13 20 45.0	-0.9
PMRV	Marv???	86.89	15	eP	P	13 20 45.0	-0.9
comp=Z,30nm,1.7s,mb5.2							
PMRV	Marv???	86.89	15	eS	S	13 31 22.0	-1.5
PMRV	Marv???	86.89	15	eLR	LR	13 52 34.4	
comp=Z,7um,20.0s							
KBN	Korca	86.90	348	-1.1	P	13 20 44.8	-1.1
VIS	Vishakhapatnam	86.91	295	iP	x	13 20 46.3	0.0
VIS	Vishakhapatnam	86.91	295	iP	x	13 21 14.2	
comp=Z,70nm,2.1s							
VIS	Vishakhapatnam	86.91	295	iP	x	13 31 15.1	
OUR	Ouranopolis	86.92	313	eP	P	13 20 49.5	+3.5

PLG	Polygyros	86.93	351	eP	P	13 20 44.6	-1.5
PLG	Polygyros	86.93	351	eP	P	13 20 45.5	-0.6
PMAFR	Mafra	87.04	16	eP	P	13 20 46.5	-0.1
comp=Z,182nm,1.3s,mb5.2							
PMAFR	Mafra	87.04	16	eS	S	13 31 25.5	+0.5
PMAFR	Mafra	87.04	16	eLR	LR	13 53 42.4	
comp=Z,9um,18.0s							
MARD	Mardin	87.06	337	iP	P	13 20 48.0	+1.2
BALY	Balya	87.10	348	iP	P	13 20 46.4	+0.5
DST	Dursunbey	87.10	347	eP	P	13 20 45.3	-1.6
ESDC	Sonsaca Array	87.14	12	P	P	13 20 47.9	-0.2
comp=Z,30nm,1.0s,mb5.5,baz=34,slow=4.6,SNR=45							
ESDC	Sonsaca Array	87.14	12	P	P	13 20 46.4	-0.6
comp=Z,8um,19.4s,MS6.1,baz=335,slow=38							
ESLA	Sonsaca Array	87.14	12	eP	P	13 20 46.3	-1.0
comp=Z,10nm,1.0s,mb5.0							
ESLA	Sonsaca Array	87.14	12	eP	LR	13 20 47.3	+0.1
comp=Z,50um,19.0s,MS6.9							
BALB	Balikesir	87.16	348	eP	P	13 20 47.3	+0.1
EZIN	Ezine	87.17	349	eP	P	13 20 46.3	-1.0
BOZC	Bozcaada	87.19	349	iP	P	13 20 46.9	-0.5
LOS	Limnos	87.20	350	eP	P	13 20 50.6	+3.2
PAB	San Pablo	87.21	13	P	P	13 20 47.1	-0.3
LJA	Limnos Island	87.23	350	eP	P	13 20 47.0	-0.5
LIS	Litohoron	87.29	352	eP	P	13 20 47.0	-0.8
LIS	Lisbon	87.29	16	eP	P	13 20 47.7	+0.5
LIS	Lisbon	87.29	16	eS	S	13 31 16.1	-1.1
LIS	Lisbon	87.29	16	eS	S	13 31 16.1	-1.1
LIS	Lisbon	87.29	16	eS	S	14 03 29.1	
LIS	Lisbon	87.29	16	eS	S	13 31 16.1	-1.1
LIS	Lisbon	87.29	16	eS	S	14 03 29.1	
comp=Z,10um,14.3s,MS6.4							
LIS	Lisbon	87.29	16	eS	S	13 31 16.1	-1.1
LIS	Lisbon	87.29	16	eS	S	14 03 29.1	

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, GYA Guiyang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UMR baz=300, RDF Al-Radifah, NAY Al-Naaein, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RC01 Rabbitt Creek A, PMR Palmer, MID Laidlowe Isla, etc.

DUG	baz=39,SNR=58	39.12	86	eP	P	13 33 43.1	0.0
DUG	comp=Z,75nm,1.2s,mb5.3	39.12	86	eP	Pmax	13 33 43.1	0.0
DUG	comp=Z,75nm,1.2s,mb5.3	39.12	86	eP	Pmax	13 33 43.1	0.0
R12A	Pony Springs, 39.17	89	UP	P	13 33 43.7	+0.1	
M16A	Huntsville, 39.18	83	UP	P	13 33 43.3	-0.2	
NQ6A	North Oquirrh, 39.27	85	eP	P	13 33 45.2	+0.9	
O15A	The Old Anders, 39.28	85	UP	P	13 33 45.1	+0.6	
P14A	Drum Mountains, 39.34	87	UP	P	13 33 45.1	+0.2	
U10A	Ash Meadows, A, 39.34	93	UP	P	13 33 45.5	+0.6	
EDW2	Edwards Ar, 39.34	96	UP	P	13 33 45.5	+0.5	
S12A	Delamar Landin, 39.38	90	UP	P	13 33 46.4	+0.3	
T11A	Corn Creek, Al, 39.49	91	UP	P	13 33 45.9	-0.3	
N16A	Rees Ranch, Co, 39.55	84	UP	P	13 33 46.9	+0.2	
Q14A	Sevier Lake (B, 39.58	87	UP	P	13 33 46.5	-0.4	
BW06	Boulder Array, 39.59	80	UP	P	13 33 46.2	-0.7	
PDAR	Pinedale Array, 39.59	80	P	P	13 33 46.5	-0.5	
PDAR	comp=Z,19nm,0.8s,mb4.9,baz=309,slow=4.7,SNR=62						
R13A	O'Grain Ranch, 39.69	69	UP	P	13 33 47.8	+0.2	
DGMT	Dagmar, 39.67	69	eP	P	13 33 48.5	-0.8	
SHOC	Shoshone, 39.71	94	UP	P	13 33 46.5	+0.4	
MWC	Mount Wilson, 39.75	97	eP	P	13 33 48.0	-0.3	
MWC	Mount Wilson, 39.75	97	eP	P	13 33 48.0	-0.4	
GSC	Goldstone, 39.78	95	P	P	13 33 48.6	0.0	
P15A	Leamington, 39.83	86	UP	P	13 33 49.0	0.0	
O16A	Springle, 39.92	85	UP	P	13 33 49.8	0.0	
DAU	Daniels Canyon, 39.94	84	eP	P	13 33 50.4	+0.4	
BFSC	Mount Baldy St, 39.98	97	UP	P	13 33 49.9	-0.4	
CIS	Catalina Islan, 40.09	98	UP	P	13 33 50.5	-0.8	
S13A	Holt Ranch, En, 40.10	90	UP	P	13 33 51.0	-0.3	
ARUT	Antelope Range, 40.23	89	eP	P	13 33 52.3	-0.1	
TUQ	Turquoise Mtn, 40.23	94	UP	P	13 33 51.6	-0.8	
V11A	Goodsprings, 40.27	93	UP	P	13 33 52.1	-0.6	
VLA	Vladivostok, 40.34	281	d/P	P	13 33 53.0	-0.2	
HEC	Hector,Ludlow, 40.39	95	UP	P	13 33 53.1	-0.6	
BBRC	Big Bear Sol-O, 40.41	96	UP	P	13 33 53.9	0.0	
S14A	Cedar City, 40.41	89	UP	P	13 33 53.7	-0.2	
U12A	Valley of Fire, 40.43	92	UP	P	13 33 54.3	+0.3	
T13A	Saint George, 40.44	90	UP	P	13 33 54.5	+0.4	
MAT	Matsushiro, 40.52	269	P	P	13 33 54.1	-0.6	
MAT	Matsushiro, 40.52	269	P	P	13 33 54.7	0.0	
MJAR	Matsushiro Arr, 40.52	269	P	P	13 33 54.7	0.0	
MJAR	comp=Z,42nm,0.8s,mb5.1,baz=47,slow=7.3,SNR=46						
MSU	Marysville, 40.55	87	eP	P	13 33 55.4	+0.5	
MTU	Trail Mountain, 40.65	86	eP	P	13 33 56.0	+0.2	
MURC	Murrieta, 40.69	97	P	P	13 33 57.0	+0.8	
V12A	Nelson, 40.70	93	UP	P	13 33 56.6	+0.3	
U13A	Pakoon Wash, 40.79	91	UP	P	13 33 56.9	-0.1	
GMRC	Granite Mounta, 40.83	94	UP	P	13 33 56.8	-0.5	
MDJ	Mudanjiang, 40.87	285	P	P	13 33 55.8	-1.8	
MDJ	comp=Z,58nm,1.1s,mb5.1				13 33 58.8	-1.8	
MDJ	comp=Z,57nm,0.7s,mb5.3				13 40 07.0	-1.6	
MDJ	comp=N,3um,17.9s,MSS.6						
MDJ	comp=E,7um,16.5s,MSS.6						
MDJ	comp=Z,10um,17.9s,MSS.7						
MDJ	comp=Z,10um,17.9s,MSS.7						
Q16A	Castle Valley, 40.91	86	UP	P	13 33 57.4	-0.5	
T14A	Hurricane, 40.91	90	UP	P	13 33 58.3	+0.3	
S15A	Panguitch, 40.96	88	UP	P	13 33 58.9	+0.5	
W12A	Cal Nev Ari, 40.97	93	UP	P	13 33 58.1	-0.4	
LDFC	Landfill, 40.97	94	eP	P	13 33 57.8	-0.7	
PFO	Pinyon Flat Ob, 41.14	96	P	P	13 34 00.3	+0.4	
PFO	comp=Z,132nm,1.1s,mb5.5,SNR=9.8						
PFO	Pinyon Flat Ob, 41.14	96	P	P	13 33 58.5	-1.4	
PFO	comp=Z,58nm,1.1s,mb5.1						
PFO	comp=Z,5.4nm,0.5s,mb4.4,baz=315,slow=8.2,SNR=13				13 47 00.1		
PFO	comp=Z,4um,20.6s,MSS.2,baz=83,slow=30						
PFO	Pinyon Flat Ob, 41.14	96	eP	P	13 33 58.5	-1.4	
PFO	comp=Z,58nm,1.1s,mb5.1						
PFO	Pinyon Flat Ob, 41.14	96	UP	P	13 33 59.5	-0.4	
V13A	Grand Canyon W, 41.15	92	UP	P	13 33 60.0	0.0	
BELC	Belle Mtn, 41.15	96	UP	P	13 33 59.6	-0.3	
109C	Camp Elliot, M, 41.24	98	UP	P	13 34 00.8	-0.3	
U14A	Mt Trumbull, 41.27	90	UP	P	13 34 00.4	-0.1	
T15A	Red Dirt Ranch, 41.37	89	UP	P	13 34 01.8	0.0	
Q18A	Rafter H Ranch, 41.43	85	UP	P	13 34 01.1	-1.2	
IRM	Iron Mountain, 41.56	95	UP	P	13 34 02.6	-0.8	
RWWY	Rawlins, 41.63	80	eP	P	13 34 02.8	-1.1	
BAR	Barrett, 41.65	98	eP	P	13 34 04.2	+0.1	
MONP	Monument Peak, 41.65	97	UP	P	13 34 04.2	+0.1	
W13A	Hualapai Mount, 41.70	93	UP	P	13 34 04.4	-0.1	
BC3	Big Chino Mtn, 41.71	95	UP	P	13 34 04.2	-0.4	
U15A	North Rim, 41.81	90	UP	P	13 34 05.1	-0.3	
V14A	Boquillas Ranc, 41.83	91	UP	P	13 34 06.0	+0.5	
JHJ	Hachijo jima 2, 41.84	264	LR	LR	13 49 05.9		
T16A	Glen Canyon Da, 41.93	88	UP	P	13 34 06.0	-0.3	
SWSC	Sam W. Stewart, 42.00	97	UP	P	13 34 06.4	-0.6	
DVTC	Desert V Tower, 42.01	97	UP	P	13 34 07.7	+0.6	
R18A	Canyonlands Na, 42.02	86	UP	P	13 34 05.5	-1.5	
X13A	Yucca, 42.08	93	UP	P	13 34 07.1	-0.4	

PDMCI	Parker Dam,Lak, 42.08	94	UP	P	13 34 08.0	+0.4
RSSD	Black Hills, 42.11	75	eP	P	13 34 07.6	-0.2
RSSD	Black Hills, 42.11	75	eP	P	13 34 07.6	-0.2
W14A	Seligma, 42.12	92	UP	P	13 34 07.3	-0.6
Y12C	Blythe, 42.22	95	UP	P	13 34 08.4	-0.3
V15A	Kalibab Nationa, 42.28	90	UP	P	13 34 09.7	+0.5
S18A	Hurst Farm, BI, 42.40	87	UP	P	13 34 09.1	-1.0
R19A	Curley Farm, L, 42.47	85	P	P	13 34 10.3	-0.4
GLA1	Glamis, 42.51	96	UP	P	13 34 10.9	-0.2
PV10	Paradox Valley, 42.55	85	eP	P	13 34 11.2	-0.2
BOD	Bodaibo, 42.59	309	eP	P	13 34 09.3	-2.1
Y13A	Salome, 42.60	94	UP	P	13 34 12.3	+0.5
W15A	Williams, 42.64	91	UP	P	13 34 12.7	+0.6
U17A	Shonto, 42.69	88	UP	P	13 34 12.1	-0.4
U16A	Tuba City, 42.70	89	UP	P	13 34 12.8	+0.1
X14A	Yava, 42.73	92	UP	P	13 34 12.8	-0.2
T18A	Mexican Hat, 42.83	87	UP	P	13 34 12.1	-1.5
S19A	Harvey Farm, M, 42.89	96	UP	P	13 34 13.6	-0.6
WUAZ	Wupatki, 42.97	90	eP	P	13 34 14.6	-0.2
PV01	Paradox Valley, 42.99	85	eP	P	13 34 14.0	-0.9
Y14A	Wickenburg, 43.02	93	UP	P	13 34 15.0	-0.2
X15A	Humboldt, 43.12	92	UP	P	13 34 15.6	-0.5
W16A	Flagstaff, 43.15	91	UP	P	13 34 16.1	-0.1
U18A	Rough Rock, Ch, 43.29	88	UP	P	13 34 16.9	-0.5
113A	Mohawk Valley, 43.35	95	UP	P	13 34 17.7	-0.3
ULM	Mac du Bonnet, 43.40	63	P	P	13 34 17.3	-0.8
ULM	comp=Z,18nm,1.1s,mb4.7,baz=293,slow=9.3,SNR=15				13 36 05.9	-0.4
ULM	comp=Z,11nm,1.0s,baz=319,slow=5.3,SNR=4.2				13 34 17.3	-0.8
Y15A	Casa Rosa Ranch, 43.42	92	UP	P	13 34 18.6	+0.1
Z14A	Wintersburg, 43.45	94	UP	P	13 34 18.6	-0.1
MVCO	Mesa Verde, 43.62	86	eP	P	13 34 18.7	-1.4
X16A	Lo Mia Camp, P, 43.65	91	UP	P	13 34 20.9	-0.5
V18A	Genado, 43.72	89	UP	P	13 34 21.5	+0.6
ISCO	Idaho Springs, 43.74	81	eP	P	13 34 20.9	-0.1
ISCO	Idaho Springs, 43.74	81	eP	P	13 34 20.9	-0.1
CN2	Changchun, 43.78	286	eP	P	13 34 19.5	-1.8
CN2	comp=Z,15nm,0.9s,mb4.7				13 34 26.3	+0.8
CN2	comp=N,10um,16.0s,MSS.9				13 36 07.9	+0.2
CN2	comp=E,5um,16.0s,MSS.9				13 40 48.0	-3.6
CN2	comp=Z,20nm,0.7s,mb5.0					
Y16A	Circle Bar Ran, 43.99	92	UP	P	13 34 23.2	+0.1
X17A	Forest Lakes, 44.10	91	UP	P	13 34 24.2	+0.3
W18A	Petrified Fore, 44.23	89	UP	P	13 34 24.9	-0.1
V19A	Window Rock, 44.26	88	UP	P	13 34 25.2	0.0
115A	Sonoran Desert, 44.34	94	UP	P	13 34 25.7	-0.2
Z16A	Pearla Trail, 44.39	92	UP	P	13 34 26.8	+0.5
W19A	Sanders, 44.45	89	UP	P	13 34 27.0	+0.3
AGMM	Agassiz Refuge, 44.46	65	P	P	13 34 24.8	-1.9
X18A	Snowflake, 44.49	90	UP	P	13 34 27.1	0.0
Z14A	Organ Pipe Nat, 44.50	95	UP	P	13 34 26.6	-0.5
Y17A	Roosevelt, 44.51	92	UP	P	13 34 27.4	+0.2
CBJ	Chichi jima, 44.71	255	LR	LR	13 49 32.0	
116A	Eloy, 44.75	93	UP	P	13 34 29.1	-0.1
Y18A	Canyon Day Jun, 44.95	91	UP	P	13 34 31.1	+0.3
X19A	St. Johns, 44.97	90	UP	P	13 34 31.0	+0.2
Z17A	San Carlos Hig, 45.01	92	UP	P	13 34 31.6	+0.4
Z16A	Three Points, 45.29	94	UP	P	13 34 33.1	-0.3
Y19A	Nutrioso, 45.30	90	UP	P	13 34 32.4	-1.1
117A	Oracle, 45.34	93	UP	P	13 34 33.8	0.0
Z19A	T-Link Ranch, 45.75	91	UP	P	13 34 37.7	+0.6
118A	Homack Ranch, 45.76	92	UP	P	13 34 36.8	-0.4
Z17A	Green Valley, 45.84	93	UP	P	13 34 38.2	+0.4
119A	Ashpeck Ranch, 46.08	91	UP	P	13 34 39.9	+0.2
Z18A	Dragon, 46.17	93	UP	P	13 34 40.5	+0.1
KSRS	Korea Array, 46.21	278	P	P	13 34 40.8	+0.2
KSRS	comp=Z,131nm,0.9s,mb5.9,baz=53,slow=7.2,SNR=94				13 36 16.8	+0.5
KSRS	comp=Z,7.5nm,0.9s,baz=64,slow=3.8,SNR=2.7				13 51 08.1	
LAZ	Ladro, 46.30	88	eP	P	13 34 41.3	-0.1
ANMO	Albuquerque, 46.35	87	P	P	13 34 41.5	-0.3
ANMO	Albuquerque, 46.35	87	P	P	13 36 17.8	+1.1
ANMO	Albuquerque, 46.35	87	P	P	13 34 41.5	-0.3
ANMO	comp=Z,4.3nm,0.9s,mb4.4,baz=315,slow=9.0,SNR=27				13 36 17.8	+1.1
ANMO	comp=Z,8.0nm,0.8s,baz=304,slow=4.8,SNR=3.8					
ANMO	Albuquerque, 46.35	87	eP	P	13 34 40.6	-1.2
318A	Bisbee, 46.58	93	UP	P	13 34 42.9	-0.7
Z19A	White Tail Can, 46.64	92	UP	P	13 34 43.4	-0.6
LPM	Los Pinos Moun, 46.67	88	eP	P	13 34 44.5	+0.2
ECSO	EROS, Sioux Fal, 46.68	71	eP	P	13 34 41.9	-2.4
BNM	Barret Site, 46.78	88	eP	P	13 34 44.8	-0.3
INCN	Inchon, 46.97	279	eP	P	13 34 46.5	-0.2
319A	Douglas, 47.06	93	UP	P	13 34 47.2	-0.2
BYM	Ely, 47.07	63	eP	P	13 34 46.5	-0.8
CBKS	Cedar Bluff, 47.90	78	eP	P	13 34 53.2	-0.7
CBKS	Cedar Bluff, 47.90	78	eP	P	13 34 53.2	-0.7

KBS	Kingsbay, 48.90	0	eP	P	13 35 02.2	+1.1
KBS	Kingsbay, 48.90	0	eP	P	13 35 00.9	-0.2
DL2	Dalian, 49.06	283	eS	P	13 35 02.3	-0.5
DL2	comp=Z,80nm,0.9s,mb5.8				13 42 07.8	+0.5
DL2						

USIN	comp=Z,124nm,1.4s,mb5.8	55.58	71	eP	P	13 35 49.4	-1.8
WCI	comp=Z,128nm,1.0s,mb5.9	56.19	70	eP	P	13 35 52.9	-2.6
WCI	Wyandotte Cave	56.19	70	P	P	13 35 53.8	-1.8
WCI	Wyandotte Cave	56.19	70	P	P	13 35 53.8	-1.8
HKT	comp=Z,79nm,1.2s,mb5.6	56.28	63	eP	P	13 35 55.3	-1.0
HKT	Hockley	56.28	63	eP	P	13 35 55.3	-1.0
ACSO	comp=Z,79nm,1.4s,mb5.5	56.74	66	eP	P	13 35 57.2	-1.9
WVT	Alum Creek Sta	56.74	66	eP	P	13 35 57.2	-2.3
WVT	Waverly	56.74	73	P	P	13 35 58.2	-1.3
WVF	comp=Z,80nm,1.2s,mb5.6	56.93	75	eP	P	13 35 59.6	-1.3
OXF	Oxford	56.93	75	eP	P	13 35 59.6	-1.3
OXF	Oxford	56.93	75	eP	P	13 35 59.6	-1.3
ALLY	comp=Z,175nm,1.0s,mb6.0	57.29	63	eP	P	13 36 01.6	-1.8
ALLY	Allegny Colie	57.29	63	eP	P	13 36 01.6	-1.8
PLAL	comp=Z,229nm,1.1s,mb6.1	57.94	74	eP	P	13 36 01.7	-2.4
PLAL	Pickwick Lake	57.94	74	eP	P	13 36 01.7	-2.4
KEV	comp=Z,36nm,0.8s,mb5.5	57.63	354	eP	P	13 36 03.6	-1.7
KEV	Kevo	57.63	354	eP	P	13 36 03.6	-1.7
KEV	Kevo	57.63	354	eP	P	13 36 03.6	-1.7
NVS	comp=Z,33nm,0.7s,mb5.5	57.91	320	eP	P	13 36 05.1	-2.4
NVS	Novosibirsk	57.91	320	eP	P	13 36 05.1	-2.4
NVS	NVS	57.91	320	eP	P	13 36 05.1	-2.4
NVS	comp=Z,204nm,2.2s,mb5.8	57.94	354	eP	P	13 36 06.1	-1.4
NVS	comp=N,76nm,1.7s	57.94	354	eP	P	13 36 06.1	-1.4
NVS	comp=E,164nm,2.4s	57.94	354	eP	P	13 36 06.1	-1.4
ARCES	ARCES Array B	57.94	354	eP	P	13 36 06.1	-1.4
ARCES	ARCES Array B	57.94	354	eP	P	13 36 06.1	-1.4
ARCES	ARCES Array B	57.94	354	eP	P	13 36 06.1	-1.4
AREO	comp=Z,64nm,1.0s	57.94	354	eP	P	13 36 05.8	-1.7
TRO	ARCES Array S	57.94	354	eP	P	13 36 07.5	-1.4
TRO	Tromso	57.94	357	eP	P	13 36 07.5	-1.4
TRO	Tromso	57.94	357	eP	P	13 36 07.5	-1.4
LONY	comp=Z,88nm,2.4s,mb5.4	58.19	57	eP	P	13 36 08.1	-1.5
LONY	Lake Ozonia	58.19	57	eP	P	13 36 08.1	-1.5
FRNY	comp=Z,79nm,1.0s,mb5.8	58.55	56	eP	P	13 36 10.3	-1.8
FRNY	Flat Rock	58.55	56	eP	P	13 36 10.3	-1.8
KTK1	comp=Z,59nm,1.2s,mb5.5	58.59	355	eP	P	13 36 11.0	-1.0
LZV	Kautokeino	58.59	355	eP	P	13 36 11.0	-1.0
LZV	Lovozero	58.80	350	iP	P	13 36 12.6	-0.9
LZV	Lovozero	58.80	350	iP	P	13 36 12.6	-0.9
NCB	comp=Z,79nm,1.4s,mb5.8	58.83	57	eP	P	13 36 12.6	-1.4
NCB	Newcomb	58.83	57	eP	P	13 36 12.6	-1.4
MCNW	comp=Z,107nm,1.1s,mb5.8	58.84	64	eP	P	13 36 13.4	-1.5
MCNW	Mont Chateau	58.84	64	eP	P	13 36 13.4	-1.5
TZTN	comp=Z,107nm,1.1s,mb5.8	58.93	69	eP	P	13 36 15.6	-0.8
TZTN	Tazewell	58.93	69	eP	P	13 36 15.6	-0.8
WHN	comp=Z,90nm,1.3s,mb5.6	59.13	281	eP	S	13 34 29.3	+5.7
WHN	Wuhan	59.13	281	eP	S	13 34 29.3	+5.7
WHN	WHN	59.13	281	eP	S	13 34 29.3	+5.7
WHN	comp=Z,141nm,1.2s,mb5.9	59.14	71	eP	LR	13 36 12.9	-3.5
WHN	comp=Z,111nm,1.9s,MS6.0	59.15	60	eP	P	13 36 14.5	-1.8
CPCT	Cooper Cave	59.15	60	eP	P	13 36 14.5	-1.8
BINY	Binghamton	59.15	60	eP	P	13 36 14.5	-1.8
BINY	Biny	59.15	60	eP	P	13 36 14.5	-1.8
APA	comp=Z,81nm,1.4s,mb5.6	59.24	351	iP	P	13 36 17.4	+0.8
APA	Apaitiy	59.24	351	iP	P	13 36 17.4	+0.8
MDV	comp=Z,81nm,1.4s,mb5.6	59.34	57	P	P	13 36 17.2	-1.1
MDV	Middlebury	59.34	57	P	P	13 36 17.2	-1.1
TKL	comp=Z,105nm,1.4s,mb5.7	59.51	56	eP	P	13 36 18.0	-0.9
TKL	Tuckaleechee C	59.51	56	eP	P	13 36 18.0	-0.9
ACCN	comp=Z,105nm,1.4s,mb5.7	59.58	56	eP	P	13 36 19.7	-1.2
ACCN	Adirondack Park	59.58	56	eP	P	13 36 19.7	-1.2
LBNH	comp=Z,35nm,1.0s,mb5.3	59.81	56	eP	P	13 36 21.3	-0.1
LBNH	Lisbon	59.81	56	eP	P	13 36 21.3	-0.1
LBNH	Lisbon	59.81	56	eP	P	13 36 21.3	-0.1
XAN	comp=Z,35nm,1.0s,mb5.3	59.86	288	P	P	13 36 25.4	+0.9
XAN	Xi'an	59.86	288	P	P	13 36 25.4	+0.9
XAN	XAN	59.86	288	P	P	13 36 25.4	+0.9
XAN	comp=Z,203nm,1.2s,mb6.0	59.83	60	eP	P	13 36 33.6	+0.5
XAN	comp=Z,3um,11.1s	59.83	60	eP	P	13 36 33.6	+0.5
XAN	comp=N,2um,15.2s,MS5.9	59.83	60	eP	P	13 36 33.6	+0.5
XAN	comp=E,7um,16.5s,MS5.9	59.83	60	eP	P	13 36 29.0	-1.0
STEI	comp=Z,68um,18.1s,MS5.7	59.93	359	eP	P	13 36 20.2	-1.1
STEI	Steigen	59.93	359	eP	P	13 36 20.2	-1.1
HNH	comp=Z,45nm,1.4s,mb5.3	60.04	56	eP	P	13 36 21.0	-1.5
HNH	Hanover	60.04	56	eP	P	13 36 21.0	-1.5
ELN	comp=Z,136nm,1.4s,mb5.8	60.23	67	eP	P	13 36 22.9	-1.0
ELN	Prospectdale	60.23	67	eP	P	13 36 22.9	-1.0
BLA	comp=Z,93nm,1.1s,mb5.7	60.23	67	eP	P	13 36 22.9	-1.0
BLA	Blacksburg	60.23	67	eP	P	13 36 22.9	-1.0
BLA	Blacksburg	60.23	67	eP	P	13 36 22.9	-1.0
BORG	comp=Z,93nm,1.1s,mb5.7	60.35	16	eP	P	13 36 24.1	-0.1
BORG	Borg	60.35	16	eP	P	13 36 24.1	-0.1
PKME	comp=Z,72nm,1.5s,mb5.5	60.39	53	eP	P	13 36 23.6	-1.2
PKME	Peaks-Kenny Pk	60.39	53	eP	P	13 36 23.6	-1.2
MVL	comp=Z,23nm,1.0s,mb5.2	60.50	62	eP	P	13 36 24.4	-1.3
MVL	Millersville	60.50	62	eP	P	13 36 24.4	-1.3
QUAZ	comp=Z,111nm,1.2s,mb5.9	60.99	58	eP	P	13 36 27.9	-1.1
QUAZ	Belchertown	60.99	58	eP	P	13 36 27.9	-1.1
PAL	comp=Z,65nm,1.2s,mb5.6	61.09	60	eP	P	13 36 30.6	+1.0
PAL	Palisades	61.09	60	eP	P	13 36 30.6	+1.0
PAL	Palisades	61.09	60	eP	P	13 36 30.6	+1.0
GTA	comp=Z,65nm,1.2s,mb5.6	61.17	298	iP	P	13 36 33.3	-0.1
GTA	Gaotai	61.17	298	iP	P	13 36 33.3	-0.1
GTA	Gaotai	61.17	298	iP	P	13 36 33.3	-0.1
GTA	comp=Z,38nm,1.0s,mb5.5	61.20	72	eP	P	13 36 28.1	-2.4
GTA	comp=Z,2um,4.6s	61.20	72	eP	P	13 36 28.2	-2.3
GTA	comp=N,4um,16.1s,MS6.0	61.20	72	eP	P	13 36 28.2	-2.3
GTA	comp=E,8um,16.8s,MS6.0	61.20	72	eP	P	13 36 28.2	-2.3
GOGA	comp=Z,7um,15.3s,MS5.9	61.20	72	eP	P	13 36 28.1	-2.4
GOGA	Godfrey	61.20	72	eP	P	13 36 28.2	-2.3
GOGA	Godfrey	61.20	72	eP	P	13 36 28.2	-2.3
CPNY	comp=Z,62nm,1.3s,mb5.6	61.22	60	eP	P	13 36 32.0	+1.5
CPNY	Central Park	61.22	60	eP	P	13 36 32.0	+1.5
CBN	comp=Z,97nm,1.3s,mb5.8	61.23	64	eP	P	13 36 30.4	-0.2
CBN	Corbin	61.23	64	eP	P	13 36 30.4	-0.2
HRV	comp=Z,140nm,1.3s,mb5.9	61.24	57	eP	P	13 36 29.1	-1.5
HRV	Adam Dzewonski	61.24	57	eP	P	13 36 29.1	-1.5
HRV	Adam Dzewonski	61.24	57	eP	P	13 36 29.1	-1.5
LZH	comp=Z,62nm,1.3s,mb5.6	61.32	293	eP	P	13 36 31.9	+0.6
LZH	Lanzhou	61.32	293	eP	P	13 36 31.9	+0.6
LZH	Lanzhou	61.32	293	eP	P	13 36 31.9	+0.6

LZH	comp=Z,53nm,1.0s,mb5.6	61.45	57	eP	P	13 36 31.4	-0.6
LZH	comp=Z,233nm,4.1s	61.45	57	eP	P	13 36 31.4	-0.6
LZH	comp=N,11um,15.4s	61.45	57	eP	P	13 36 31.4	-0.6
LZH	comp=Z,13um,16.7s,MS6.2	61.45	57	eP	P	13 36 31.4	-0.6
WES	Weston	61.45	57	eP	P	13 36 31.4	-0.6
WES	Weston	61.45	57	eP	P	13 36 31.4	-0.6
WES	Weston	61.45	57	eP	P	13 36 31.4	-0.6
STOK	comp=Z,77nm,1.0s,mb5.8	61.56	360	eP	P	13 36 31.3	-1.2
STOK	Stokkvaagen	61.56	360	eP	P	13 36 31.3	-1.2
STOK	Stokkvaagen	61.56	360	eP	P	13 36 31.3	-1.2
URVA	comp=Z,238nm,1.3s,mb6.2	61.59	65	eP	P	13 36 32.0	-1.0
URVA	University of	61.59	65	eP	P	13 36 32.0	-1.0
BRWY	Bryant College	61.59	65	eP	P	13 36 32.0	-1.0
MORR	comp=Z,111nm,1.1s,mb5.9	61.71	359	eP	P	13 36 30.9	-2.5
MORR	Moi Rana	61.71	359	eP	P	13 36 30.9	-2.5
MORR	Moi Rana	61.71	359	eP	P	13 36 30.9	-2.5
MORR	comp=Z,52nm,1.4s,mb5.5	61.71	359	eP	P	13 36 30.9	-2.5
MORR	Moi Rana	61.71	359	eP	P	13 36 30.9	-2.5
JSC	Jenkinsville	61.85	70	P	P	13 36 35.0	+0.1
PTVM	Pico Tres Padr	61.89	94	iP	P	13 36 34.9	-0.5
IO	Organos	62.13	94	eP	P	13 36 35.4	-1.6
PPM	Pocopetepeti	62.59	94	iP	P	13 36 45.7	+5.7
SOKR	Solkamsk	62.65	336	iP	P	13 36 40.4	+0.6
SOKR	comp=Z,150nm,1.2s,mb6.0	62.82	70	P	P	13 36 40.7	-0.7
SOKR	SOKR	62.82	70	P	P	13 36 41.1	-0.3
SOKR	comp=Z,13um,18.0s,MS6.1	62.87	319	iP	P	13 36 41.1	-0.3
SOKR	SOKR	62.87	319	iP	P	13 36 41.1	-0.3
NHSS	comp=Z,162nm,2.0s,mb5.8	63.32	70	eP	P	13 36 43.9	-0.9
NHSS	New Hope	63.32	70	eP	P	13 36 43.9	-0.9
NHSS	New Hope	63.32	70	eP	P	13 36 43.9	-0.9
NSS	comp=Z,269nm,1.2s,mb6.2	63.37	360	eP	P	13 36 41.7	-2.9
NSS	Namsos	63.37	360	eP	P	13 36 41.7	-2.9
NSS	Namsos	63.37	360	eP	P	13 36 41.7	-2.9
NSS	Namsos	63.37	360	eP	P	13 36 41.7	-2.9
JOF	comp=Z,102nm,1.1s,mb5.9	63.99	350	eP	P	13 36 46.7	-2.0
JOF	Joensuu	63.99	350	eP	P	13 36 46.7	-2.0
JOF	Joensuu	63.99	350	eP	P	13 36 46.7	-2.0
JOF	Joensuu	63.99	350	eP	P	13 36 46.7	-2.0
SVE	comp=Z,35nm,0.8s,mb5.4	64.01	331	eP	P	13 36 48.9	0.0
SVE	Sverdlövsk	64.01	331	eP	P	13 36 48.9	0.0
SVE	SVE	64.01	331	eP	P	13 36 48.9	0.0
SVE	SVE	64.01	331	eP	P	13 36 48.9	0.0
BVAR	comp=Z,193nm,1.3s,mb6.0	64.12	325	P	P	13 36 49.3	-0.4
BVAR	Borovoye Array	64.12	325	P	P	13 36 49.3	-0.4
BVAR	Borovoye Array	64.12	325	P	P	13 36 49.3	-0.4
BVAR	Borovoye Array	64.12	325	P	P	13 36 49.3	-0.4
WMQ	comp=Z,77nm,0.9s	64.13	309	P	P	13 36 49.4	-0.5
WMQ	Urumqi	64.13					

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for KSH Kashi, LSA Lhasa, and many others.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for GUMBA Gumba, DZM Mont Dzumac, and many others.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for ZST Bratislava, ZST Bratislava, and many others.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like KOGS, ONI, PKMS, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like DIKM, SJPF, TREF, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like SOH, ULDT, PTOM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KVR Kavouri, ECOG Cogollos-Vega, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NIKO Nikolski, OKCE Okmok Cone E, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PFO Pinyon Flat Ob, KSRS Korea Array, etc.

ISC 15 13:35:52.0, 5.2421N-168.15W, h0km, mb4.7/27, mb1.4/5/16, mb1mx4.4/26, mbtmp4.3/16, Error ellipse: s-maj=18.4km s-min=9.9km az=177.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NIKO Nikolski, OKCE Okmok Cone D, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NIKO Nikolski, OKCE Okmok Cone E, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like A11A Hall Mountain, N02C Big Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Gorkha, Damsan, Dangsing, Stebnicka Huta, etc.

ATH 15 13:38:29.2, 3984N-2433E, h47km, MD3.8/4
NEIC 15 13:38:29.4, 3985N-2433E, h45km, MD3.8(ATH), After ATH

CSEM 15 13:38:29.4, 3985N-2433E, h45km, MD3.8/5, After ATH
ISCJB 15 13:38:30.3, 0.8, 3984N-006:243E-0.1, h35km, Error ellipse: s-maj=12.9km s-min=6.5km az=35.4

ISC 15 13:38:31.0, 0.8, 3985N-006:243E-0.1, h35km, n12, e090/14, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVR, RDO, ENEZ, MMB, RZN, KZN, EVR, RLS, VLX, ITM.

IDC 15 13:40:15.0, 0.5, 5240N-1680W, h0km, mb4.5/24, mb1.4/24, mb1mx4.6/28, mbtmp4.5/24, Error ellipse: s-maj=19.9km s-min=10.3km az=180.0

NEIC 15 13:40:16.8, 5233N-16790W, h9km, mb4.7/30, ML4.5(PMR), ML4.2(AEIC), After AEIC

BUI 15 13:40:16.8, 5230N-16790W, h18km, mb5.0
ISCJB 15 13:40:17.5, 1.1, 5242N-004:16810W-0.03, h28km, 7km, mb4.6/70, Error ellipse: s-maj=6.2km s-min=3.1km az=10.7

MOS 15 13:40:18.6, 1.6, 5252N-16816W, h33km, mb4.9/10, Error ellipse: s-maj=20.0km s-min=12.3km az=110.8

ISC 15 13:40:19.6, 1.1, 5248N-004:16809W-0.03, h28km, 7km, h24km, 5.6km: pP-P, n362, e076/364, mb4.6/70, 103C-96D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKO, OKCD, UNV, AKLV, AKGG, AKUT, FALS, ADK.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDPT, CHGN, AMKA, KDKA, SMY, SVWZ, EYAK, MCK, COLA, COLA, MENT, EGAK, SKAG, BILL, PET, PET, PET, CRAG, WRAP, DLBC, INK, INK, SEY, YKA, YKA, JO2A, B08A, H04A, A09A, JO3A, I04A, B02A, L09A, HUMO, RSW, A10A, I05A, YSS, JCC, H06A, YBH, YBH, NEW, JO5A, M02C, A11A, N02C, EDM, L04A, O01C, H07A, B11A, D10A, M04C, K05A, A12A, M03C, I07A, KIPM, J06A, WDC, O02C, E10A, K06A, L05A, P01C, F10A, D11A, G09A, ASAJ, M05C, GASB, HATC, MOD, HOPS, G10A, YAK, YAK, K07A, BMO, D12A, M06C, F11A, C13A, O04C, L07A, G11A, K08A, ORV, SUTB, H10A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O05C, H08C, F12A, M07A, L08A, H11A, K09A, BEKR, O06A, P05C, D14A, M08A, N07B, F13A, L09A, JRSC, CHMT, K10A, LAVA, E14A, BNLO, H12A, MFID, WCN, O07A, N08A, HABR, HABR, HABR, HABR, R05C, F14A, K11A, E15A, H13A, CMB, N09A, G14A, PACP, J12A, M10A, R06C, L11A, HAST, I13A, HLID, HLID, S06C, S05C, K12A, J13A, MCMT, O09A, G15A, M11A, R07C, V03C, L12A, EGMT, EGMT, U04C, BOZ, O08A, O10A, NVAR, NVAR, T06C, KCC, N11A, R08A, MLAC, PKD, M12A, ELK, L13A, N12A, PTRM, S08C, V05C, HELL, RCTO, R09A, SMMC, O12A, S09A.

15d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M14A Sheep Mountain, VES1 Vestal, Q1A Duckwater, etc.

2007 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LADN Ladron, ANMO Albuquerque, ANMO Albuquerque, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ETSF Etsaut, ETSF Etsaut, PGF Pioggia, etc.

ADC 15 13:58:55.6:1.0, 0.03S:125.09E, h0km, mb3.9/5, mb1.4/1.7, mb1mx3.9/1.7, mbtmp4.0/7, ML3.6/2, Error ellipse: s-maj=37.0km s-min=17.6km az=72.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAPI Kappang, KAPI Kappang, KAPI Kappang, etc.

ISCJB 15 14:06:31.4:0.9, 3322N:141.05E:0.08, h33km, mb4.0/4, Error ellipse: s-maj=9.1km s-min=6.9km az=9.1

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JHU2 Mitsune, JHU2 Mitsune, JHU2 Mitsune, etc.

BUI 15 14:09:15.6, 5250N:167.90W, h10km, mB5.4, mb4.9, Ms5.2, Ms25.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIKO Nikolski, NIKO Nikolski, NIKO Nikolski, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKUT Akutan, AKUT Akutan, AKUT Akutan, etc.

Table with columns: TTA, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Tatalina, Skilak Lake, Rabbit Creek, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Northport, Hanford, Odessa, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Wild Horse Val, Fry Ranch, Quincy, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like T06C Millerton Lake, KCC Kaiser Creek, R08A Mina, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CIS Hestora Island, Q15A Fillmore, FCC Fort Churchill, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 113A Mohawk Valley, Y15A Casa Rosa Ranch, Z14A Wintersburg, etc.

Table with columns: BLO, NJS, OXF, etc. and rows listing various locations and their associated data points.

Table with columns: NB2, NOA, LRW, etc. and rows listing various locations and their associated data points.

Table with columns: RAMN, KKN, KWP, etc. and rows listing various locations and their associated data points.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SSF Saint Sauge, ARSA Arzberg, WTTA Wattenberg, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AQU L'Aquila, CORF Cortè, SKO Skopje, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SLKM Skiak Lake, SEW Seward, RCO1 Rabbit Creek A, etc.

Table of astronomical observations for 15d 15h, listing stations like BRG, MOX, UPC, etc., with columns for station name, coordinates, and observation details.

Main table of astronomical observations for 2007 JUL, listing stations like MBDF, SMRF, SBF, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2007 JUL, listing stations like CMAH, CTEI, CASM, etc., with columns for station name, coordinates, and observation details.

Table with columns: MKAR, NVAR, YKA, YKA, YKA, PDAR, GERES, BDFB, TOR, TOR, TOR, TOR. Includes station names, coordinates, and various parameters.

Table with columns: WRA, WRA, ASAR, STKA, URZ, TOR, TOR. Includes station names, coordinates, and various parameters.

ISCJB 15 16:00:12.0.1.0, 5217N, 006.16784W, h10km, mb3.5/3, Error ellipse: s-maj=10.5km s-min=7.1km az=39.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like NIKO, OKCD, UNV, AKLV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like GUMO, WRA, ASAR, etc.

NEIC 15 16:31:11.2, 1707N, 9488W, h152km, MD3.8(MEX), After MEX

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like OXX, TGIG, HUIG, etc.

NEIC 15 16:32:20.2.0.8, 5230N, 16796W, h10km, ML3.2(AEIC), Error ellipse: s-maj=12.7km s-min=11.5km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like NIKO, OKCD, UNV, etc.

Table with columns: ARCES, WRA, ASAR. Includes station names, coordinates, and various parameters.

MOS 15 16:35:17.0.1.9, 5621N, 11472E, h24km, mb4.3/1, Error ellipse: s-maj=32.7km s-min=23.5km az=55.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like NLYR, UKT, YOA, KMO, etc.

ellipse: s-maj=0.9km s-min=0.7km az=162.0 NEIC 15 16:36:52.4.0.3, 4678N, 1413E, h10km, ML3.2(SZGRF), ML3.2(LDG), ML2.8(LJU), Error ellipse: s-maj=4.3km s-min=3.1km az=211.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like MYKA, OBKA, GORS, etc.

15d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Khabarovsk, Pinyon Flat Ob, Hogan Springs, Canyonlands Na, etc.

2007 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Spitsbergen Ar, Jewell Farm, Chanchchun, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Jenkinsville, Novosibirsk, Joensuu, Nanjing, etc.

Table with columns for station code, name, frequency, time, and other parameters. Includes stations like SBD1 Bryn Du, TKM2 Tokmak 2, etc.

Table with columns for station code, name, frequency, time, and other parameters. Includes stations like KECS Kecevo, MODS Modra Piesok, etc.

Table with columns for station code, name, frequency, time, and other parameters. Includes stations like MBDF, HARR Harsova, etc.

Additional information including coordinates and identifiers: IDC 15 17:04:56.9, 1.9, 5277N, 16781W, h0km, mb3.6/5, mb1.0/4.6, mb1mx3.6/25, mbtpm3.6/6, ML3.7/1, Error ellipse: s-maj=49.8km s-min=22.2km az=177.0, etc.

ARCES ARCESS Array B 58.03 354 P P 17 14 48.0 -0.8
ARCES ARCESS Array B 58.03 354 P P 17 14 48.0 -0.8

IDC 15 17:27:26.3-0.5, 5248N; 167.99W, h0km, mb4.8/22,
mb1 5.0/22, mb1mx5.0/24, mbtmp4.8/22, MS4.3/15,

ISJCJB 15 17:27:28.0-0.1, 5244N; 167.96W, h0km, mb17.3km,
mb5.0/195, MS4.4/36, Error ellipse: s-maj=4.4km

NEIC 15 17:27:28.2-0.2, 5243N; 167.98W, h10km, mb5.0/128,
MS4.5/14, MLA.9(AEIC), ML4.5(PMR), Error ellipse:

MOS 15 17:27:29.0-0.9, 5255N; 167.99W, h33km, mb5.1/27,
MS4.4/4, Error ellipse: s-maj=9.0km s-min=7.8km

BUI 15 17:27:29.2, 5309N; 168.52W, h10km, mb5.1, mb5.1, Ms4.8,
Ms2.5

DJA 15 17:27:36.5447N, 167.05W, h10km, mb5.3/11,
SZGRF 15 17:27:44.8, 5445N; 168.11W, h39km, mb5.2, Fox Islands,

BGS 15 17:27:45.4-1.7, 5561N; 172.17W, h10km, mb5.4

ISC 15 17:27:30.0-0.1, 5250N; 167.98W, h0km, mb18km,
h18km, 1.9km; p-P, n833, e818/822, mb5.0/195, MS4.4/36,

164C-134D, Fox Islands

Table with columns: Code, Station Name, Az, AzI, Phase, ID, Time, Res. Rows include stations like NIKO, OKCD, UNV, AKLV, etc.

Main station log table with columns: Code, Station Name, Az, AzI, Phase, ID, Time, Res. Rows include stations like E06A, C07A, F05A, etc.

Continuation of station log table with columns: Code, Station Name, Az, AzI, Phase, ID, Time, Res. Rows include stations like YAK, YAK, YAK, etc.

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Table with columns: ID, Name, Value, Unit, Direction, and Date. Rows include S06C San Francisco, S05C Merced, S15M Dillon, DLMT K12A Draper Farm, etc.

Table with columns: ID, Name, Value, Unit, Direction, and Date. Rows include EDW2 Edwards Air Fo, LAO LASA Array, S12A Delmar Landin, T11A Corn Creek, etc.

Table with columns: ID, Name, Value, Unit, Direction, and Date. Rows include S19A Harvey Farm, WUAZ Wupatki, WUAZ Wupatki, PV01 Paradox Valley, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JCT Junction City, TIA Tai'an, HHC Hu-ho-hao-te, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CD2 comp=E,420nm,16.4s,MS4.8, KAF comp=Z,370nm,16.8s,MS4.7, GYA Kangasiemri, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ODAN Odare, JIRN Jiri, OJC Ojcow, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AVF, CABF, LPL, LPG, VIVF, MBDF, SBF, MTLF, FRF, EPF, ETSF, PGF, ESDC, ASAR, LBTB, MAW.

NEIC 15 17:42:39.2, 1635N.9945W, h16km, MD3.9(MEX), After MEX

MEX 15 17:42:39.2-1.4, 1635N.9945W, h16km, 20km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANX, ACX, PNIG, UTMU, PPM, ESM, IO.

ISCJB 15 17:42:40.4-0.2, 1555S.005x16848E.005, h23km, mb4.8/2, MS3.5/3, Error ellipse: s-maj=8.3km

NEIC 15 17:42:41.5, 0.2, 1544S.16851E, mb4.9/22, Error ellipse: s-maj=9.0km s-min=6.2km az=139.0

BJI 15 17:42:41.9, 1494S.16939E, h41km, mb5.1, mb4.8, IDC 15 17:42:41.8, 0.5, 1545S.16857E, h22km, mb4.4/19, mb1.4/5/20, mb1mx4.5/23, mbtmp4.4/20, ML4.5/1, MS3.4/4, MS1.3/4, ms1mx3.2/22, Error ellipse: s-maj=15.2km, s-min=13.1km az=113.0

LDG 15 17:42:43.3-0.5, 1548S.16859E, h46km, 4km, Mb4.9/2, Error ellipse: s-maj=14.2km s-min=8.0km az=70.0

ISC 15 17:42:42.3-0.2, 1552S.005x16852E.005, h24km, h24km, 5km, pP, n200, s055/170, mb4.8/2, MS3.5/3, 36C-63D, Vanuatu Islands

Main table of station data for the 15d 17h period, including stations like DZM, HNR, URZ, RPZ, STKA, RAR, WB2, WRAB, WRA, ASAR, KAKA, FORT, PPT, FITZ, FITZ, MBWA, KLBR, NWAO, MUN, MJAR, VANDA, VANDA, VANDA, SBA, CASY, KSRS, CN2, QSPA, XAN, XAN, XAN, KMI, CMAR, CMAR, LZH, LZH, LZH, MAW.

Main table of station data for the 2007 JUL period, including stations like MAW, MAW, KIPM, SONM, SONM, GTA, WDC, YBH, YBH, CMB, CMB, HUMO, HUMO, MTUM, BBB, MOD, NVAR, NVAR, NVAR, BELC, HEC, S09A, M13A, GMRC, TUQ, GLA, U04A, U04A, I06A, E05A, TPNV, TPNV, K07A, N08A, S10A, H06A, M08A, V11A, WVOR, I07A, R10A, L08A, E06A, O09A, C05A, N09A, H07A, Y13A, G07A, L09A, T11A, R11A, O10A, K09A, Q11A, H08A, W13A, G08A, RSW, S12A, HAWA, V13A, M10A, C07A, U13A, I09A, O11A, K10A, X14A, B07A, T13A, W14A, H09A, A07A, P12A, V14A, M11A, D08A, G09A, S13A, ELK, R13A, U14A.

Main table of station data for the 2007 JUL period, including stations like B08A, OD2, L11A, X15A, K11A, N12A, D09A, H10A, G10A, A08A, P13A, MFID, F10A, Y16A, L12A, U15A, I17A, Q14A, H01A, B09A, K12A, D10A, G11A, M13A, J12A, 318A, WUAZ, WUAZ, P14A, X17A, A10A, NEW, MSU, D11A, HLID, M14A, J13A, F12A, 219A, H13A, D12A, A11A, F13A, SNA4, WMQ, TXAR, TXAR, YKA, YKA, MK31, MKAR, MKAR, BVAR, ARCES, ARCES, ARCES, NOA, AKASG, BDFB, KOLS, KEGC, BRG, CLL, CLL, MODS, KHC, KHC, KHC, GERS, GERS, BAIF, CDF, HNF, MEZF, HAU, FLN, LDF, GRR, AVF, MBDF, FRF, LFF, KEST, ESDC, ESDC, TOR, TOR, TOR.

IDC 15 17:43:03.2-0.9, 5236N.16794W, h0km, mb3.6/11, mb1.3/9/11, mb1mx3.8/25, mbtmp3.7/11, Error ellipse: s-maj=28.8km s-min=17.6km az=6.0, NEIC 15 17:43:04.7-0.7, 5235N.16784W, h10km, ML3.3(AEIC), Error ellipse: s-maj=17.3km s-min=10.9km az=195.0

15d 17h

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Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like Hailar, Lanzhou, Casey, Chul'man, Gotaai, Chaita, and many others.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like KOLDAND, DANN, TATA, TATA, TATA, and many others.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like ARU, ARU, ARU, ARU, ARU, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Wetzell, Ippenbren, UBBA, Pernice, Soboth, Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BDFB Brasilia, MDT Midelt, MDT, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Bea, etc.

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

BRVK Borovoye 60.73 325 eP P 19 30 39.7 +0.5

1.7nm,1.0s,mb4.1

NEIC 15:19:26:37.9:1.4,5224N:16794W,h10km,ML3.0(AEIC), Error ellipse: s-maj=19.9km s-min=13.0km az=202.0

ISC 15:19:26:38.2:2.1,5270N:16783W,h0km,mb3.6, Error ellipse: s-maj=4.4km s-min=2.3km az=173.0

ISCJB 15:19:26:39.6:2.2,522N:1680W,0.1,h40km,16km, mb3.6/5, Error ellipse: s-maj=22.0km s-min=12.6km az=177.1

ISC 15:19:26:38.8:3.4,5221N:1679W,0.1,h18km,21km,n12, az=85/15,mb3.6/5, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIKO NIKOLSKI, OKCD NIKOMK Cone D, UNV Unalaska Valle, etc.

ISCJB 15:19:29:59.0:0.5,385N:003:7556W,003,h48km,4km, mb4.6/81,MS5.3/2, Error ellipse: s-maj=5.7km

NEIC 15:19:30:00.1:0.2,380N:7559W,h35km,mb4.8/61,ML4.9(FSNC), Error ellipse: s-maj=5.3km s-min=4.0km az=21.0

BUI 15:19:30:00.0,380N:7560W,h35km,mb5.4,MS5.6,MSz5.3

ISC 15:19:30:02.3:1.9,382N:7557W,h58km,17km,mb3.9/22, mb1.4/2/24,mb1mx4.1/28,mbtmp4.0/24,MS3.5/3,MS1.3/5.3,ms1mx3.0/34, Error ellipse: s-maj=15.0km s-min=10.4km az=67.0

ISC 15:19:30:01.4:0.5,384N:004:7553W,003,h44km,4km,n384, az=671/374,mb4.6/81,MS5.3/2,105C-86D, Colombia

Main table of station data for the first section, including codes like PRAC, ATAH, PCRV, etc., and station names like Prado, Atahualpa, Puerco, etc.

Main table of station data for the second section, including codes like 117A, X19A, Y18A, etc., and station names like Oracle, St. Johns, Canyon Day Jun, etc.

Main table of station data for the third section, including codes like P13A, TPNV, TPNV, etc., and station names like Bates Ranch, Topopah Spring, Topopah Spring, etc.

Table with columns: ID, Name, RA, Dec, Az, El, Pn, Res. Includes entries like RLMT Red Lodge, PDAR Pinedale Array, BW06 Boulder Array, etc.

Table with columns: ID, Name, RA, Dec, Az, El, Pn, Res. Includes entries like MPU Paradox Valley, SRU San Rafael, F14A Wisdom, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res. Includes entries like HMAT Matruh, HFRF Wahat Farafira, NIED 15:20:41.00, etc.

Table of flight arrivals for YUV, YUK, YUM, etc. with columns for origin, time, status, and arrival time. Includes entries like Nemuro 2, Rausu, and various regional routes.

Table of flight arrivals for TYV, YSS, YJA, etc. with columns for origin, time, status, and arrival time. Includes entries like Shosan Furan, JAB Ashibetsu, and international routes like YJA Atsumi.

Table of flight arrivals for YAK, YKS, YKT, etc. with columns for origin, time, status, and arrival time. Includes entries like Korea Array, Wonsu, and various regional routes.

Table with columns for location (e.g., XAN, SKLM, PMR), time (e.g., 20 50 08.2), and other data points.

Table with columns for location (e.g., BRVK, Borovoye, Khon Kaen), time (e.g., 50.64 309), and other data points.

Table with columns for location (e.g., LGWT, NEW, NEWP), time (e.g., 57.48 280), and other data points.

Table with columns: MEM, MEMBACH, 78.88 339 P, P, 20 53 13.1 -0.1, etc. Lists various astronomical objects and their coordinates.

Table with columns: SGMF, SAINT GILLES, 83.00 344 eP, P, 20 53 34.8 -0.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: DBIC, DIMBOKRO, 123.22 333 PKIKP, PKP, 21 00 05.5 -1.6, etc. Lists various astronomical objects and their coordinates.

MOS 15 20:42:08.8 ± 1.1, 2.99S:36.13E, h10km, mb5.3/76, MS5.0/50, Error ellipse: s-maj=12.8km s-min=3.5km az=107.2

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Lists station information and observation details.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like LBTB, LBTB, LBTB, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CUC, CUC, CUC, SKO, SKO, SKO, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like UZH, UZH, UZH, SOKA, SOKA, SOKA, etc.

BSD	Bornholm Skovb	60.40 346	i P	P	20 52 18.8	-2.4
BSD	comp=Z,59nm,1.2s,mb5.5					
BSD			i		20 52 36.4	
BSD			i S	S	20 54 35.8	
BSD			i S	S	21 00 33.3	-2.0
BSD			i S	S	21 02 18.3	
BSD	Bornholm Skovb	60.40 346	i P	P	20 52 18.8	-2.4
BSD	comp=Z,59nm,1.2s,mb5.5				20 54 35.8	
BSD			i S	S	21 00 33.3	-2.0
BSD			i S	S	21 02 18.3	
BSD	comp=Z,59nm,1.2s,mb5.5					
BSD	comp=Z,740nm,20.0s,MS4.8					
BSD	Bornholm Skovb	60.40 346	i P	P	20 52 18.8	-2.4
BSD	comp=Z,59nm,1.2s,mb5.5					
BSD			i		20 52 36.4	
BSD			i S	S	20 54 35.8	
BSD			i S	S	21 00 33.3	-2.0
BSD			i S	S	21 02 18.3	
SGMF	Saint Gilles	61.09 331	eP	P	20 52 25.3	-0.7
SGMF	comp=Z,92nm,1.3s,mb5.5					
SGMF	Saint Gilles	61.09 331	eP	P	20 52 25.3	-0.7
SGMF	comp=Z,92nm,1.3s,mb5.5					
SGMF	Saint Gilles	61.09 331	eP	P	20 52 25.3	-0.7
SGMF	comp=Z,46nm,1.3s,mb5.5					
ROSF	Rostrenen	61.50 331	eP	P	20 52 28.0	-0.7
ROSF	comp=Z,54nm,1.3s,mb5.2					
ROSF	Rostrenen	61.50 331	eP	P	20 52 28.0	-0.7
ROSF	comp=Z,27nm,1.3s,mb5.2					
ROSF	Rostrenen	61.50 331	eP	P	20 52 28.0	-0.7
ROSF	comp=Z,27nm,1.3s,mb5.2					
COP	Copenhagen	61.54 345	i S	S	21 00 51.2	+1.5
COP	comp=Z,260nm,21.0s					
COP			i S	S	21 04 56.4	
LSA	Lhasa	61.65 54	P	P	20 52 31.0	+0.8
LSA	comp=Z,72nm,1.6s,mb5.6				20 52 30.0	-0.2
LSA	Lhasa	61.65 54	eP	P	20 52 30.0	-0.2
LSA	comp=Z,72nm,1.6s,mb5.6					
LSA	Lhasa	61.65 54	eP	P	20 52 30.0	-0.2
LSA	comp=Z,72nm,1.6s,mb5.6					
LSA	Lhasa	61.65 54	eP	P	20 52 30.0	-0.2
LSA	comp=Z,72nm,1.6s,mb5.6					
ARU	Arti	61.84 14	P	P	20 52 30.9	0.0
ARU	comp=Z,249nm,1.3s,mb5.2,SNR=8.2					
ARU	Arti	61.84 14	eP	P	20 52 29.8	-1.1
ARU	comp=Z,120nm,1.4s,mb5.8					
ARU	Arti	61.84 14	i P	P	20 52 29.4	-1.5
ARU	comp=Z,2jμm,19.0s,MS5.2				20 53 07.7	
ARU			e		21 00 52.8	-0.8
ARU			e S	S	21 04 53.7	-2.2
ARU			e S	S		
ARU	comp=Z,112nm,1.7s,mb5.7					
ARU			e			
BRVK	Borovyje	62.63 22	P	P	20 52 35.5	-0.7
BRVK	comp=Z,26nm,1.5s,mb5.1					
BRVK	Borovyje	62.63 22	P	P	20 52 35.6	-0.6
BRVK	comp=Z,26nm,1.5s,mb5.1					
BRVK	Borovyje	62.63 22	P	P	20 52 35.6	-0.6
BRVK	comp=Z,26nm,1.5s,mb5.1					
BRVK	Borovyje	62.63 22	P	P	20 52 35.6	-0.6
BRVK	comp=Z,26nm,1.5s,mb5.1					
SVE	Sverdlovsk	62.71 15	i P	P	20 52 35.5	-1.2
SVE	comp=Z,1jμm,19.0s,MS5.1				20 55 01.6	
SVE			e S	S	21 01 16.1	+1.2
SVE			e S	S	21 02 28.6	
SVE			e S	S		
SVE	comp=Z,62nm,1.5s,mb5.5					
KLMM	Klimovskoe	63.59 2	eP	P	20 52 41.1	-1.4
KLMM	comp=Z,882nm,18.0s,MS5.0				20 53 22.2	
KLMM			e		21 01 11.5	-3.9
KLMM			e			
KLMM			e			
KLMM	comp=Z,91nm,1.6s,mb5.5					
MK31	Makanchi Array	63.90 33	eP	P	20 52 43.3	-1.5
MKAR	Makanchi Array	63.90 33	eP	P	20 52 43.3	-1.5
MKAR	comp=Z,17nm,1.1s,mb5.0,baz=232,slow=5.9,SNR=13					
SOKR	Solikamsk	64.33 11	i P	P	20 52 47.5	+0.1
SOKR	comp=Z,40nm,1.3s,mb5.3				21 01 17.6	-7.0
SOKR			i S	S		
SOKR			i S	S		
SOKR	comp=Z,40nm,1.3s,mb5.3					
SOKR			i S	S		
SOKR			i S	S		
SOKR	comp=Z,1jμm,16.0s,MS5.1					
KURK	Kurchatov	64.50 28	P	P	20 52 47.1	-1.6
KURK	comp=Z,119nm,1.2s,mb5.8,SNR=5.0					
KURK	Kurchatov	64.50 28	P	P	20 52 46.5	-2.1
KURK	comp=Z,40nm,1.4s,mb5.2					
KURK			ePcP	PcP	20 53 22.5	-0.3
KURK			ePcP	PcP		
KURK	comp=Z,19.0s,MS5.2					
KURK	Kurchatov	64.50 28	i P	P	20 52 47.3	-1.4
KURK	comp=Z,53nm,1.8s,mb5.3					
CM31	Chiang Mai Arr	65.24 68	eP	P	20 52 54.7	+0.6
CM31	comp=Z,437nm,20.0s,MS4.7					
CMAR	Chiang Mai Arr	65.24 68	P	P	20 52 54.2	+0.1
CMAR	comp=Z,16nm,1.0s,mb5.0,baz=258,slow=7.3,SNR=20					
CHTO	Chiang Mai	65.31 68	eP	P	20 52 54.3	-0.3
CHTO	comp=Z,53nm,1.4s,mb5.4					
CHTO	Chiang Mai	65.31 68	eP	P	20 52 54.3	-0.3
CHTO	comp=Z,474nm,20.0s,MS4.7					
CHTO	Chiang Mai	65.31 68	eP	P	20 52 54.3	-0.3
CHTO	comp=Z,53nm,1.4s,mb5.4					
CHTO	Chiang Mai	65.31 68	eP	P	20 52 54.3	-0.3
CHTO	comp=Z,474nm,20.0s,MS4.7					
CHTO	Chiang Mai	65.31 68	eP	P	20 52 54.3	-0.3
CHTO	comp=Z,53nm,1.4s,mb5.4					
WMQ	Urumqi	65.42 39	P	P	20 52 54.8	0.0
WMQ	comp=Z,474nm,20.0s,MS4.7				20 53 27.3	+0.6
WMQ			PP	PP	20 56 52.9	+4.0
WMQ			PP	PP		
WMQ	comp=Z,46nm,1.8s,mb5.2					
WMQ			AMB	AMB		
WMQ	comp=Z,615nm,4.5s					
WMQ			AMB	AMB		
WMQ	comp=N,592nm,22.0s,MS4.8					
WMQ			AMB	AMB		
WMQ	comp=E,350nm,20.0s,MS4.8					
WMQ			AMB	AMB		
WMQ	comp=Z,462nm,17.5s,MS4.7					
KONO	Kongsberg	65.76 346	PFAKE	LR	20 53 10.0	+1.3
KONO	comp=Z,683nm,20.0s,MS4.8					
SYO	Syowa Base	66.07 179	i P	P	20 52 59.0	+0.5
SYO	comp=Z,119nm,1.2s,mb5.8,SNR=5.0				20 53 02.0	-2.0
SYO	Syowa Base	66.07 179	i P	P	20 53 00.4	+0.2
SYO	comp=Z,119nm,1.2s,mb5.8,SNR=5.0				20 52 59.1	-1.8
ESK	Eskdalemuir	66.41 334	eP	P	20 52 59.1	-1.8
ESK	comp=Z,34nm,1.4s,mb5.2					
ESK			LR	LR		
ESK	comp=Z,605nm,20.0s,MS4.8				20 53 01.4	-0.1
NAO01	NORSAR Array B	66.50 347	eP	P	20 53 01.3	-0.7
NAO01	comp=Z,21nm,1.1s,mb5.1,baz=185,slow=5.9,SNR=4.4					
DCN	Croghan	66.76 333	eP	P	20 53 05.0	+1.8
MAW	Mawson	67.17 169	eP	P	20 53 07.0	+1.4
MAW	comp=Z,15nm,0.8s,mb5.1					
MAW	Mawson	67.17 169	eP	P	20 53 06.9	+1.3
MAW	comp=Z,20nm,1.0s,mb5.1,baz=334,slow=6.8,SNR=22				21 17 47.1	
MAW			LR	LR		
MAW	comp=Z,1jμm,21.4s,MS5.2,baz=327,slow=32				20 53 07.0	+1.4
MAW	Mawson	67.17 169	eP	P	20 53 07.0	+1.4
MAW	comp=Z,15nm,0.8s					
NVS	Novosibirsk	69.31 27	i P	P	20 53 17.1	-2.1
NVS	comp=Z,134nm,1.8s,mb5.6					
NVS			i P	P		
NVS	comp=N,90nm,1.6s					
NVL	N'lazarevskaya	69.61 188	eP	P	20 53 23.0	+2.2
NVL	comp=Z,100nm,2.0s,mb5.4					
MAIT	Maitri	69.64 188	eP	P	20 53 11.6	-9.4
MAIT	comp=Z,100nm,2.0s,mb5.4				21 02 42.5	+1.0
CMLA	Cha da Macela	69.86 312	eS	S	21 02 42.5	+1.0

CMLA	Cha da Macela	69.86 312	eS	S	21 02 42.5	+1.0
CMLA	comp=Z,1jμm,21.0s,MS5.2					
KMI	Kunming	70.14 62	P	P	20 53 24.9	0.0
KMI	comp=Z,229nm,3.5s				20 53 31.3	+0.8
KMI			AP	AP	20 53 32.3	-0.2
KMI			XP	XP	20 55 02.8	+2.4
KMI			PP	PP	20 57 44.4	
KMI			PPP	PPP	21 02 40.0	+4.1
KMI			S	S	21 02 48.4	+3.5
KMI			SS	SS	21 07 09.1	+3.0
KMI			SSS	SSS	21 10 16.1	
KMI	comp=Z,16nm,1.8s,mb4.7					
KMI			AMB	AMB		
KMI	comp=Z,229nm,3.5s					
KMI			AMB	AMB		
KMI	comp=N,281nm,15.5s					
KMI			LR	LR		
KMI	comp=E,192nm,23.7s					
KMI			LR	LR		
KMI	comp=Z,284nm,20.1s,MS4.5					
APA	Apatity	70.31 359	i P	P	20 53 22.3	-2.8
APA	comp=Z,25nm,1.2s,mb5.0				21 02 30.0	-6.3
APA			eS	S		
APA			eS	S		
APV	Lovozero	70.62 359	eP	P	21 02 41.6	+1.7
APV	comp=Z,567nm,22.0s,MS4.8					
LVZ	Lovozero	70.62 359	eP	P	21 02 41.6	+1.7
LVZ	comp=Z,567nm,22.0s,MS4.8					
LVZ	Lovozero	70.62 359	eP	P	21 02 41.6	+1.7
LVZ	comp=Z,567nm,22.0s,MS4.8					
GTA	Gaotai	71.78 47	i P	P	21 02 34.3	-0.3
GTA	comp=Z,276nm,5.0s				21 02 34.4	-0.7
GTA			AP	AP	20 53 42.8	+0.6
GTA			XP	XP	20 56 17.0	+2.8
GTA			PP	PP	21 02 55.8	+1.4
GTA			S	S	21 03 03.4	-0.1
GTA			XS	XS	21 03 28.3	
GTA			SS	SS	21 03 32.4	
GTA	comp=Z,16nm,1.7s,mb4.7					
GTA			AMB	AMB		
GTA	comp=Z,276nm,5.0s					
GTA			AMB	AMB		
GTA	comp=N,275nm,19.1s,MS4.7					
GTA			LR	LR		
GTA	comp=E,281nm,18.0s,MS4.7					
GTA			LR	LR		
GTA	comp=Z,507nm,22.9s,MS4.7					
GTA			LR	LR		
CD2	Chengdu	72.39 56	eP	P	20 53 37.8	-0.7
CD2	comp=Z,20nm,1.0s,mb5.0				20 53 42.5	-1.5
CD2			AP	AP	20 53 45.1	-0.9
CD2			XP	XP	20 56 20.9	+1.2
CD2			PP	PP	21 03 00.5	-1.2
CD2			S	S	21 03 07.6	-3.2
CD2			XS	XS	21 03 32.8	
CD2			SS	SS	21 07 40.1	-0.3
CD2			SSS	SSS		
CD2	comp=Z,20nm,1.0s,mb5.0					
CD2			AMB	AMB		
CD2	comp=Z,80nm,5.8s					
CD2			LR	LR		
CD2	comp=N,270nm,16.8s,MS4.7					
CD2			LR	LR		
CD2	comp=E,230nm,19.6s,MS4.7					
CD2			LR	LR		
CD2	comp=Z,310nm,13.2s					
ARCES	ARCES Array B	72.63 356	P	P	20 53 37.6	-1.5
ARCES						

Table with columns: MATP, Lg, 21 20 01.8, 21 14 33.7 +4.8, etc. Lists various meteorological data points.

Table with columns: CLL, (i)(PCP), PcP, 21 20 54.5 +4.5, etc. Lists various meteorological data points.

Table with columns: BJI, comp=Z,7.0nm,3.1s, AMB, AMB, etc. Lists various meteorological data points.

IDC 15 21:13:04.5-4.8,3249S-17918E,h356km,33km,mb3.3/4, mb1.5/6,mb1mx3.3/1.7,mbtmp3.4/2.0, Error ellipse: s-maj=67.7km s-min=24.2km az=56.0, South of Kermadec Islands

IDC 15 21:19:29.0-2.2,1153S-12143E,h10km,mb3.3/1, mb1.3/2.4,mb1mx3.1/1.4,mbtmp3.1/0.4,ML2.7/1, Error ellipse: s-maj=55.1km s-min=32.9km az=37.0, South of Timor

IDC 15 21:35:23.8-0.9,1970N-121.29E,h0km,mb3.7/8, mb1.4/0.7,mb1mx3.8/2.1,mbtmp3.8/1.0,ML3.8/2, Error ellipse: s-maj=28.0km s-min=17.3km az=82.0

ISCJB 15 21:35:25.6-3.7,1973N-106.12118E-0.06,h27km,28km, mb3.8/1.0, Error ellipse: s-maj=121.1km s-min=8.8km az=34.7

NEIC 15 21:35:25.6-3.6,1968N-121.29E,h13km,24km,mb4.2/3, Error ellipse: s-maj=7.2km s-min=6.6km az=120.0

ISC 15 21:35:27.4-3.4,1972N.005-12125E,006,h26km,26km, n24,085/26,mb3.8/1.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists station data for various locations like NACB, NACB, JOW, etc.

ISCJB 15 21:47:17.5-0.9,3326N-14087E,0.08,h61km,10km, mb4.3/2, Error ellipse: s-maj=11.1km s-min=6.7km az=17.7

JMA 15 21:47:17.3-0.3,3331N-14094E,h46km,M3.5 IDC 15 21:47:21.8-2.9,3314N-14035E,h72km,21km,mb3.9/2, mb1.4/1.3,mb1mx3.3/2.0,mbtmp3.3/3.3,MS3.5/2,Ms1 3.5/2, ms1mx3.0/2.7, Error ellipse: s-maj=68.1km s-min=11.2km az=3.0

ISC 15 21:47:18.3-1.1,3325N.005-14089E,0.08,h46km,15km, n17,089/25,mb4.3/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists station data for various locations like JHJ2, JHJ2, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIM2, JIZS, KTTJJ, etc.

NEIC 15 21:49:27.6:0.5,3153S:7139W,h31km,ML3.1(GUC),After GUC.

GUC 15 21:49:27.6:0.5,3153S:7139W,h31km,ML3.1,12C-1D,Near coast of central Chile

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

IDC 15 21:49:45.2:2.6,263S:3621E,h0km,mb3.6/2,mb1 3.8/2,mb1mx3.3/18,mbtmp3.2/2,Error ellipse: s-maj=91.8km s-min=22.1km az=120.0, Tanzania

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

ISCJB 15 21:57:09.6:0.5,3685N:002.12160W,003,h13km,3km, Error ellipse: s-maj=4.4km s-min=2.9km az=139.9

NEIC 15 21:57:10.1,3686N:12160W,h8km,MD3.0(NCEDC), After NCD.

NEIC Fall at Aptos, Aromas and Salinas. ISC 15 21:57:09.7:0.4,3685N:002.12161W,003,h12km,3km, n31,0579/50,16C-17D,Central California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like S06C, NSHM, MLAC, etc.

NEIC 15 22:20:46.7:1.7,710S:13003E,h111km,16km,mb4.5/9, Error ellipse: s-maj=12.5km s-min=10.3km az=64.0

ISCJB 15 22:20:47.8:1.5,720S:007.12994E,007,h137km,14km, mb4.3/7, Error ellipse: s-maj=14.0km s-min=8.8km az=36.7

IDC 15 22:20:48.0:7.2,717S:12996E,h119km,70km,mb3.6/2, mb1 3.7/6, mb1mx3.5/15,mbtmp3.6/6, Error ellipse: s-maj=60.7km s-min=22.3km az=42.0

ISC 15 22:20:48.4:1.6,717S:009.12995E,007,h125km,14km, n21,0594/25,mb4.3/7,Banda Sea

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

ATH 15 22:25:11.8,4083N:2340E,h29km,2km,MD3.3/3 ISCJB 15 22:25:12.4:0.5,4077N:003.2389E,003,h14km,5km, Error ellipse: s-maj=4.5km s-min=3.8km az=37.1

CSEM 15 22:25:13.6:0.1,4078N:2389E,h1km,14km,ML2.0, Error ellipse: s-maj=1.6km s-min=1.2km az=68.0

THE 15 22:25:13.7,4075N:2387E,h4km,ML2.0 ISC 15 22:25:13.6:0.5,4076N:002.2367E,003,h10km,9km,n16, 0567/32, Greece

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

IDC 15 22:45:14.5:3.4,528S:15233E,h0km,mb3.7/3,mb1 3.9/3, mb1mx3.6/16,mbtmp3.7/3, Error ellipse: s-maj=119.6km s-min=49.1km az=124.0,New Britain region

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

CSEM 15 22:45:44.1:0.2,3694N:2786E,h4km,1km,MD2.8, Error ellipse: s-maj=3.3km s-min=1.7km az=17.0

ISC 15 22:45:44.5,3694N:2786E,h10km,MD2.8 ISCJB 15 22:45:45.1:0.8,3694N:007.2786E,004,h9km,9km, Error ellipse: s-maj=11.0km s-min=5.6km az=2.0

DDA 15 22:45:45.0,3686N:2780E,h7km,3km,MD2.9 ISC 15 22:45:45.0:8,3694N:007.2786E,004,h9km,9km,n9, 0554/14, Dodecanese Islands

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

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

ISCJB 15 23:15:31.7:1.4,770S:008.12907E,006,h163km,15km, mb4.1/3, Error ellipse: s-maj=13.8km s-min=8.4km az=33.8

NEIC 15 23:15:33.4:1.8,781S:12908E,h163km,20km,mb4.6/6, Error ellipse: s-maj=15.8km s-min=13.2km az=51.0

IDC 15 23:15:33.2:4.5,781S:12910E,h163km,51km,mb3.5/2, mb1 3.9/6, mb1mx3.5/16,mbtmp3.8/6, Error ellipse: s-maj=42.6km s-min=29.1km az=29.0

ISC 15 23:15:34.1:2.7,786S:007.12906E,006,h175km,14km, n14,0570/19,mb4.1/3,Banda Sea

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

ISCJB 15 23:24:29.7:0.7,3146N:005.4992E,007,h10km, Error ellipse: s-maj=9.3km s-min=6.5km az=40.3

CSEM 15 23:24:29.1:0.2,3144N:5010E,h20km,ML2.9, Error ellipse: s-maj=7.6km s-min=3.5km az=120.0

THR 15 23:24:31.8:0.3,3168N:5015E,h16km,2km,ML2.9 ISC 15 23:24:31.5:1.1,3144N:006.4992E,008,h16km,13km, n10,0598/14,Western Iran

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

IDC 15 23:34:30.2:0.8,2308S:17005E,h0km,mb4.5/13, mb1 4.7/13,mb1mx4.5/18,mbtmp4.5/13,MS3.7/12, Ms1 3.7/12,ms1mx3.4/27,Error ellipse: s-maj=23.4km s-min=19.0km az=92.0

SZGRF 15 23:34:33.4,2314S:17205E,h33km,Southeast of Loyalty Islands

NEIC 15 23:34:34.4:3.6,2307S:16993E,h23km,24km,mb4.9/18, Error ellipse: s-maj=10.8km s-min=9.6km az=181.0

ISCJB 15 23:34:34.4:1.8,2314S:006.16994E,007,h37km,15km, mb4.7/28,MS3.7/10, Error ellipse: s-maj=10.5km s-min=10.1km az=9.7

BJI 15 23:34:34.4,2310S:16990E,h23km,mb5.1,mb4.7,Ms5.0, Ms2.7

LDG 15 23:34:35.0:0.2,2312S:16997E,h51km,1km,mb4.7/2, Error ellipse: s-maj=11.7km s-min=4.6km az=21.0

MOS 15 23:34:36.7:2.4,2327S:16971E,h33km,mb5.1/9, Error ellipse: s-maj=12.3km s-min=10.2km az=30.2

ISC 15 23:34:36.3:1.5,2309S:006.16997E,006,h39km,13km, n190,0180/68,mb4.7/28,MS3.7/10,8C-15D,Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dobruska-Polom, Piszkesteto, Novy Kostel, etc.

ISCJB 16 00:12:07.6:0.3, 4411N:002:7.18E:003, h20km, 4km, Error ellipse: s-maj=4.1km s-min=3.2km az=171.3

ROM 16 00:12:08.1:0.2, 4416N:721E, h15km, 1km, Md2.0/4, M1.6/2, Error ellipse: s-maj=2.4km s-min=1.3km az=77.0

STR 16 00:12:08.0:0.2, 4412N:71.6E, h5km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 16 00:12:08.2:0.1, 4411N:71.4E, h2km, Md2.6/1, M1.2/9, Error ellipse: s-maj=1.3km s-min=0.9km az=54.0

ISC 16 00:12:07.6:0.3, 4411N:002:7.15E:003, h17km, 3km, n25, c051/46, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mont Tournerai, Sta Anna Valdi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L'Auton, Luceram, Saorge, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NIED 16 01:13:00.3750N-138.60E, h8km, Mw6.6 Best double couple: M9 30000x1018, NP1=215.00000, 849.00000, 1.80.00000, NP2=49.00000, 842.00000, 1.01.00000

BGS 16 01:13:08.1, 3523N:140.75E, h12km, mb6.4, MS6.1, ISCBJ 16 01:13:21.4:0.4, 3756N:001:138.49E:001, h13km, 2km, mb6.3/417, MS6.5/265, Error ellipse: s-maj=2.4km s-min=1.7km az=163.8

BUI 16 01:13:21.3, 3742N:138.91E, h42km, mb6.7, mb5.9, Ms7.0, MSz6.9, IDC 16 01:13:21.7:1.8, 3752N:138.43E, h10km, 1km, mb5.7/26, mb1.5/826, mb1mx5.8/27, mbtm5.5/726, ML4.0/2, MS6.5/32, Ms1.6/332, mb1mx4.3/35, Error ellipse: s-maj=13.4km s-min=2.2km az=97.0

JMA 16 01:13:22.5, 3756N:138.61E, h17km, 1km, Mb6.8 Broadband fault plane solution: P waves. NP1: 0.37.00000, 837.00000, 1.86.00000, NP2: 0.222.00000, 853.00000, 1.93.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

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NEIC 16 01:13:22.4:0.1, 3754N:138.45E, h12km, mb6.5/288, ME6.5, MS6.4/180, MW6.5, MW6.6(NIED) Error ellipse: s-maj=3.1km s-min=2.4km az=183.0 Broadband fault plane solution: P waves. NP1=220.00000, 835.00000, 1.90.00000, NP2=40.00000, 855.00000, 1.90.00000, Principal axes: T 1.0800, Plg74.0000, Azm146.0000, N -0.0090, Plg3.0000, Azm43.0000, P -1.0710, Plg15.0000, Azm312.0000, nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s

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

491 **2007 JUL** 16d 1h

TSUJ	Tsu 2	3.29 211	↑P	Pn	01 14 15.4 +1.6
JIE	Ise	3.47 205	P	Pn	01 14 17.7 +1.5
JKN2	Miekihiko	3.77 209	P	Pn	01 14 21.5 +1.2
JHJ	Hachijo jima 2	4.55 166	Pn	Pn	01 14 32.1 +1.0
JHU	comp-Z,55nm,0.3s,baz=107,slo=19,SNR=43		LR	LR	01 16 01.2
JUS	comp-Z,296µm,21.0s,baz=204,slo=35		LR	LR	
ASAJ	Usuki	7.09 233	P	Pn	01 15 09.1 +3.1
ASAJ	Asahikawa	7.26 24	Pn	Pn	01 15 09.1 +0.8
ASAJ	comp-Z,5.0nm,0.3s,baz=229,slo=10,SNR=58		P	Pn	
ASAJ	Asahikawa	7.26 24	Pn	Pn	01 15 09.1 +0.9
VLA	comp-Z,1µm,1.9s		pmax	pmax	
VLA	Vladivostok	7.50 320	iP	Pn	01 15 13.6 +2.1
VLA	Vladivostok	7.50 320	eP	Pn	01 15 13.3 +1.8
VLA	comp-Z,1µm,1.9s		pmax	pmax	
VLA	comp-Z,203µm,10.8s		MLR	MLR	
JNU	Nakatsue	7.63 237	Pn	Pn	01 15 16.4 +3.0
JNU	comp-Z,7.5nm,0.3s,baz=30,slo=13,SNR=49		LR	LR	01 18 02.2
KRSR	comp-Z,296µm,21.6s,baz=15,slo=37		LR	LR	
KRSR	Korea Array	8.39 273	Pn	Pn	01 15 27.2 +3.4
KRSR	comp-Z,55nm,0.3s,baz=85,slo=14,SNR=106		Sn	Sn	01 16 57.3 -1.5
KRSR	baz=90,slo=15,SNR=2.5		LR	LR	01 18 24.5
KS15	comp-Z,598µm,21.4s,baz=89,slo=36		LR	LR	
YUK	Wonju Array Si	8.43 272	ePn	Pn	01 15 27.3 +3.0
YUK	Yuzh-Kuril'sk	8.55 39	iP	Pn	01 15 25.1 -0.9
YUK	comp-N,1µm,0.5s		pmax	pmax	01 17 04.3 +1.6
YUK	comp-E,2µm,0.5s		pmax	pmax	
YUK	comp-Z,2µm,0.5s		pmax	pmax	
YUK	comp-Z,55µm,2.0s		pmax	pmax	
YUK	comp-N,11µm,4.0s		pmax	pmax	
YUK	comp-E,73µm,4.0s		smax	smax	
YUK	comp-N,7µm,1.0s		smax	smax	
YUK	comp-E,7µm,1.0s		smax	smax	
YUK	comp-N,50µm,2.0s		smax	smax	
YUK	comp-E,156µm,3.2s		MLR	MLR	
INCN	comp-Z,302µm,16.0s		ePn	Pn	01 15 43.4 +5.5
INCN	Inchon	9.42 273	eS	Sn	01 17 24.3 +0.4
INCN	Inchon	9.42 273	P	Pn	01 15 46.5 +8.6
MDJ	MDJ	9.73 319	P	Pn	01 15 48.3 +6.2
MDJ	Mudanjiang	9.73 319	XP	Pn	01 15 54.6
MDJ	comp-Z,1µm,2.2s		Pn	Pn	01 25 31.3 +1.5
MDJ	comp-N,418µm,25.9s		LR	LR	
MDJ	comp-E,258µm,27.3s		LR	LR	
MDJ	comp-Z,505µm,27.3s		LR	LR	
MDJ	Mudanjiang	9.73 319	ePn	Pn	01 15 43.9 +1.7
YSS	comp-Z,5µm,1.9s		ePn	Pn	01 15 47.1 +2.6
YSS	Yuzh-Sakhalins	9.91 17	ePn	Pn	01 15 46.0 +1.4
YSS	Yuzh-Sakhalins	9.91 17	eP	Sn	01 17 36.0 +0.1
YSS	comp-Z,2µm,1.0s		pmax	pmax	
YSS	comp-N,2µm,1.1s		pmax	pmax	
YSS	comp-N,14µm,8.0s		pmax	pmax	
YSS	comp-Z,11µm,8.0s		MLR	MLR	
YSS	comp-Z,243µm,13.0s		MLR	MLR	
YSS	comp-N,216µm,14.0s		MLR	MLR	
YSS	comp-E,218µm,14.0s		MLR	MLR	
KUR	comp-N,920nm,1.0s		pmax	pmax	
KUR	comp-E,380nm,1.0s		pmax	pmax	
KUR	comp-Z,3µm,1.0s		pmax	pmax	
KUR	comp-N,15µm,2.0s		pmax	pmax	
KUR	comp-E,11µm,2.0s		pmax	pmax	
KUR	comp-Z,20µm,2.0s		smax	smax	
KUR	comp-N,11µm,2.0s		smax	smax	
KUR	comp-E,4µm,2.0s		smax	smax	
KUR	comp-N,76µm,8.0s		smax	smax	
KUR	comp-E,70µm,8.0s		MLR	MLR	
KUR	comp-N,378µm,14.0s		MLR	MLR	
KUR	comp-E,351µm,14.0s		MLR	MLR	
KUR	comp-Z,189µm,14.0s		MLR	MLR	
HABR	Khabarovsk	11.19 348	↑iP	Pn	01 16 09.8 +7.6
HABR	HABR		e	Pn	01 18 16.3
HABR	comp-Z,3µm,1.9s		MLR	MLR	
HABR	comp-Z,211µm,12.3s		MLR	MLR	
CN2	Changchun	11.69 306	eP	Pn	01 16 13.4 +4.4
UGL	Uglegorsk	11.81 12	iP	Pn	01 16 12.0 +1.5
UGL	comp-N,10µm,7.0s		pmax	pmax	
UGL	comp-E,4µm,7.0s		pmax	pmax	
UGL	comp-Z,10µm,7.0s		pmax	pmax	
UGL	comp-Z,390nm,0.8s		smax	smax	
UGL	comp-E,63µm,8.0s		smax	smax	
UGL	comp-N,16µm,5.0s		smax	smax	
SNY	Shenyang	12.25 295	↑P	Pn	01 16 23.4 +6.8
SNY	comp-Z,448nm,2.5s		AMB	AMB	
SNY	comp-Z,66µm,10.8s		LR	LR	
SNY	comp-N,423µm,9.9s		LR	LR	
SNY	comp-E,463µm,11.4s		LR	LR	
SNY	comp-Z,531µm,11.4s		LR	LR	
KLR	Kul'dur	12.65 339	eP	Pn	01 16 23.8 +1.8
JMZ	Minamidaito 2	13.23 210	iP	Pn	01 16 35.7 +5.6
DL2	Dalian	13.32 281	P	Pn	01 16 33.8 +2.5
DL2	comp-Z,690nm,1.3s		AMB	AMB	01 16 39.0
DL2	comp-Z,35µm,9.4s		AMB	AMB	01 19 00.3 +0.7
DL2	comp-Z,515µm,10.5s		LR	LR	
JOW	Kunigami	13.74 222	Pn	Pn	01 16 36.7 -0.3
SSE	comp-Z,0.8nm,0.3s,baz=58,slo=13,SNR=9.8		P	Pn	01 17 02.5 -0.5
SSE	Sheshan	15.67 251	P	Pn	01 17 05.5 -0.3

comp-Z,423nm,1.0s					
SSE	comp-Z,71µm,8.9s		AMB	AMB	
SSE	comp-N,571µm,15.1s		LR	LR	
SSE	comp-E,206µm,15.1s		LR	LR	
SSE	comp-Z,425µm,12.5s		LR	LR	
OKH	Okha	16.29 10	↑iP	Pn	01 17 12.2 +1.3
OKH	comp-Z,51µm,14.0s		pmax	pmax	
NJ2	Nanjing	17.02 257	eP	Pn	01 17 23.5 +3.2
NJ2	comp-Z,3µm,1.1s		AP	pP	01 17 27.1 +2.8
NJ2	comp-Z,147µm,11.9s		XP	sS	01 17 38.3
NJ2	comp-Z,504µm,12.6s		PP	AMB	01 20 49.5 +6.4
TIA	Tai'an	17.14 272	↑P	Pn	01 17 25.8 +4.0
TIA	comp-Z,592nm,1.4s		AP	pP	01 17 31.5 +5.9
TIA	comp-Z,12µm,5.0s		XP	sP	01 17 36.5 +1.0
TIA	comp-Z,12µm,5.0s		AMB	AMB	
TIA	comp-Z,12µm,5.0s		AMB	AMB	
TIA	comp-Z,12µm,5.0s		AMB	AMB	
BJI	Beijing	17.56 285	P	Pn	01 17 29.8 +2.8
BJI	comp-Z,160µm,10.8s		P	AMB	
BJI	comp-Z,174µm,21.7s		LR	LR	
BJT	Baijiatou	17.57 285	ePn	Pn	01 17 29.3 +2.2
BJT	comp-Z,2µm,1.3s		ePn	Pn	01 17 29.3 +2.2
BJT	Baijiatou	17.57 285	ePn	pmax	
HIA	Hailar	17.90 317	ePn	Pn	01 17 33.7 +2.6
HIA	comp-Z,2µm,1.8s		ePn	Pn	01 17 33.5 +2.4
SKR	Severo-Kuril'sk	18.17 38	eP	Pn	01 17 30.0 -4.5
SKR	comp-N,230nm,0.5s		pmax	pmax	
SKR	comp-Z,390nm,0.5s		pmax	pmax	
SKR	comp-N,10µm,4.0s		pmax	pmax	
SKR	comp-E,12µm,4.0s		pmax	pmax	
SKR	comp-Z,33µm,4.0s		MLR	MLR	
SKR	comp-N,30µm,18.0s		MLR	MLR	
SKR	comp-E,158µm,18.0s		MLR	MLR	
SKR	comp-Z,103µm,18.0s		MLR	MLR	
TATO	Taipei	19.15 234	ePn	Pn	01 17 48.8 +2.2
YHNB	Yeheng	19.44 234	eP	Pn	01 17 50.1 +0.1
PETK	Petropavlovsk	20.50 35	P	P	01 17 58.7 -1.4
PETK	comp-Z,101nm,0.9s,baz=225,slo=16,SNR=26		LR	LR	01 26 03.2
PETK	Taiyuan	20.50 35	↑iP	P	01 18 02.5 +0.9
PETK	comp-Z,76µm,19.1s,MS6.1,baz=224,slo=37		LR	LR	01 21 03.1 +0.8
TIY	Tiyuan	20.50 35	↑iP	P	01 18 02.5 +0.9
PET	Petropavlovsk	20.88 36	iP	P	01 21 43.9 -8.3
PET	Petropavlovsk	20.88 36	iP	P	01 18 05.1 +0.8
PET	Petropavlovsk	20.88 36	eP	P	01 18 03.4 -0.9
PET	Petropavlovsk	20.88 36	eS	S	01 21 45.0 -1.2
PET	comp-Z,13µm,5.3s		pmax	pmax	01 22 19.1
PET	comp-Z,1µm,1.5s		pmax	pmax	
PET	comp-E,362nm,3.1s		smax	smax	
PET	comp-Z,98µm,19.0s,MS6.2		MLR	MLR	
PET	comp-Z,78µm,17.0s		MLR	MLR	
HHC	Hu-ho-hao-te	21.09 287	eP	P	01 18 06.6 -0.1
HHC	comp-N,178µm,15.2s,MS6.8		AP	sP	01 18 14.9
HHC	comp-N,178µm,15.2s,MS6.8		XP	sP	01 18 24.3 +1.5
HHC	comp-N,178µm,15.2s,MS6.8		PP	S	01 18 28.3
HHC	comp-N,178µm,15.2s,MS6.8		S	S	01 21 52.9 -8.6
HHC	comp-N,178µm,15.2s,MS6.8		sS	sS	01 22 10.9 +6.0
HHC	comp-N,178µm,15.2s,MS6.8		PCP	PcP	01 22 13.1 +0.2
HHC	comp-N,178µm,15.2s,MS6.8		PCP	ScP	01 25 42.8 -7.2
HHC	comp-N,178µm,15.2s,MS6.8		PCP	PcS	01 25 49.3 -1.6
HHC	comp-N,178µm,15.2s,MS6.8		PCP	P	01 18 06.9 0.0
HHC	comp-N,178µm,15.2s,MS6.8		S	S	01 22 02.3 +0.4
QZHZ	Quanzhou	21.10 239	↑iP	P	
QZHZ	comp-Z,4µm,2.0s,mb6.5		AMB	AMB	
QZHZ	comp-N,178µm,15.2s,MS6.8		LR	LR	
QZHZ	comp-E,242µm,15.5s,MS6.8		LR	LR	
QZHZ	comp-Z,448µm,13.1s,MS7.0		LR	LR	
WHN	Wuhan	21.15 258	↑P	P	01 18 07.3 -0.1
WHN	Chul'man	21.31 339	↑P	P	01 22 03.0 +0.1
WHN	comp-Z,14µm,8.6s		AMB	AMB	
CLNS	Chul'man	21.31 339	eP	P	01 18 09.6 +0.7
CLNS	comp-Z,254nm,0.9s,mb5.5		e'PP	P	01 18 18.4
CLNS	comp-N,192nm,0.8s		eS	S	01 18 25.9
CLNS	comp-Z,310nm,1.1s,mb5.5		eS	S	01 22 02.9 -2.7
CLNS	comp-N,505nm,1.3s		pmax	pmax	01 22 48.3
CLNS	comp-E,179nm,1.0s		pmax	pmax	
CLNS	comp-N,66µm,11.5s		smax	smax	
CLNS	comp-E,32µm,11.5s		MLR	MLR	
CLNS	comp-Z,111µm,16.0s,MS6.3		MLR	MLR	
CLNS	comp-N,133µm,17.0s,MS6.6		MLR	MLR	
CLNS	comp-E,166µm,15.0s,MS6.6		MLR	MLR	
BTO	Baotou	22.26 287	eP	P	01 18 19.9 +0.6
BTO	comp-E,82µm,9.3s		LR	LR	
CIT	Chita	22.70 318	eP	P	01 18 22.4 -1.4
CIT	comp-Z,4µm,2.1s,mb6.5		e	pmax	01 22 31.4
CIT	comp-Z,719nm,1.0s,mb6.1		e	pmax	01 23 03.7
MA2	Magadan	23.41 16	eP	P	01 18 29.5 -1.8
MA2	comp-Z,68µm,20.0s,MS6.1		LR	LR	
MA2	Magadan	23.41 16	c/P	P	01 18 29.8 -1.4
MA2	comp-Z,2µm,2.3s,mb6.2		iS	S	01 18 57.5
MA2	comp-Z,2µm,2.3s,mb6.2		pmax	pmax	01 22 37.2 -7.0
XAN	Xi'an	24.19 271	P	P	01 18 38.3 -0.5
XAN	comp-Z,32µm,16.4s,MS5.9		AP	sP	01 18 45.5
XAN	comp-Z,32µm,16.4s,MS5.9		XP	sP	01 18 49.1 +7.1
XAN	comp-Z,32µm,16.4s,MS5.9		PP	S	01 19 11.4
XAN	comp-Z,32µm,16.4s,MS5.9		S	S	01 23 01.1 +3.9
XAN	comp-Z,28µm,12.3s		AMB	AMB	
XAN	comp-N,228µm,15.2s,MS6.8		LR	LR	
XAN	comp-E,95µm,15.2s,MS6.8		LR	LR	
XAN	comp-Z,344µm,13.2s,MS7.0		LR	LR	
GUMO	Guam	24.54 165	eP	P	01 18 41.0 -1.0
GUMO	comp-Z,4µm,1.0s,mb6.9				

GUMO	Guam	24.54 165	P	P	01 18 41.2 -0.9
GUMO	comp-Z,1µm,0.9s,mb6.5,baz=177,slo=3.7,SNR=30		LR	LR	01 27 57.7
PIP	Pasuguin	24.74 224	eS	P	01 18 41.8 -2.1
PIP	comp-Z,69µm,18.3s,MS6.2,baz=194,slo=36		eS	S	01 23 21.5 +1.5
APYP	Conner	24.78 222	eP	P	01 18 43.5 -0.8
YAK	Yakutsk	25.10 350	↑iP	P	01 18 47.1 +0.3
YAK	Yakutsk	25.10 350	iP	P	01 18 46.5 -0.3
YAK	comp-Z,1µm,0.9s,mb6.5,baz=177,slo=3.7,SNR=30		e'PP	pP	01 19 56.3 +7.2
YAK	comp-Z,1µm,0.9s,mb6.5,baz=177,slo=3.7,SNR=30		e	P	01 19 29.7
YAK	comp-Z,1µm,0.9s,mb6.5,baz=177,slo=3.7,SNR=30		e'PPP	P	01 22 20.3
YAK	comp-Z,1µm,0.9s,mb6.5,baz=177,slo=3.7,SNR=30		e		

16d 1h

2007 JUL

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kunming, Puerto Princes, Bilibino, Tikisi, Krasnoyarsk, Khatanga, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KURK Kurchatov, ODAN Odare, SDPT Sand Point, KSM Kuching, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PMR Palmer, COLA College, DDI Dehra Dun, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRA, WRM, WRR, WRS, WRT, WTA, WTB, WTC, WTD, WTE, WTF, WTH, WTI, WTK, WTL, WTM, WTN, WTP, WTR, WTS, WTT, WTV, WTW, WTX, WTY, WTA, WTB, WTC, WTD, WTE, WTF, WTH, WTI, WTK, WTL, WTM, WTN, WTP, WTR, WTS, WTT, WTV, WTW, WTX, WTY.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA, YKB, YKC, YKD, YKE, YKF, YKG, YKH, YKI, YKJ, YKK, YKL, YKM, YKN, YKO, YKP, YKR, YKS, YKT, YKV, YKW, YKX, YKY, YKA, YKB, YKC, YKD, YKE, YKF, YKG, YKH, YKI, YKJ, YKK, YKL, YKM, YKN, YKO, YKP, YKR, YKS, YKT, YKV, YKW, YKX, YKY.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D03A, D03B, D03C, D03D, D03E, D03F, D03G, D03H, D03I, D03J, D03K, D03L, D03M, D03N, D03O, D03P, D03Q, D03R, D03S, D03T, D03U, D03V, D03W, D03X, D03Y, D03Z, D03A, D03B, D03C, D03D, D03E, D03F, D03G, D03H, D03I, D03J, D03K, D03L, D03M, D03N, D03O, D03P, D03Q, D03R, D03S, D03T, D03U, D03V, D03W, D03X, D03Y, D03Z.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like KOLS, MTJUM, K14A, V05C, YNR, KDZE, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like VOIR, P12A, GRAC, RAO, SBC, LAO, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like DUG, DUG, DUG, UPC, Q13A, etc.

Table of names and numerical data. Columns include call signs (e.g., CLL, CLL), status (e.g., ePP, ePPP), and numerical values (e.g., 01 28 33.0 +4.8).

Table of names and numerical data. Columns include call signs (e.g., ULM, RRR), status (e.g., P, S), and numerical values (e.g., 01 25 32.4 -1.0).

Table of names and numerical data. Columns include call signs (e.g., T15A, RHK), status (e.g., P, S), and numerical values (e.g., 01 25 32.4 -1.0).

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like GLA Glamis, R19A Curley Farm, VAY Valandovo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like HLMI Long Mynd, MENF Mencas, ZKR Zakros, etc.

16d 1h

Table with columns: SLM, Saint Louis, 91.91, 36, eP, P, 01 26 30.5 -0.5, comp=Z,271nm,0.9s,mb6.6

2007 JUL

Table with columns: GUD, Guadarrama, 94.98, 332, P, P, 01 26 45.1 0.0, comp=Z,103nm,1.7s,mb6.0

500

Table with columns: ENJ, Nijar, 97.41, 329, P, P, 01 26 55.2 -0.9, comp=Z,17nm,1.1s,mb5.4

Table of astronomical observations for 2007 July, page 501. Columns include object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2007 July, page 501. Columns include object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2007 July, page 501. Columns include object name, coordinates, magnitude, and observation details.

Table with columns: Code, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like San Francisco, Gerlach, Lost Marbles R, etc.

Table with columns: Code, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like Ashnola River, Hull Mountain, Rancho, etc.

Table with columns: Code, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like Vranov, Palmer Station, Eagle, etc.

ISCJB 16 01:34:28.8:0.4, 3749N:003:13855E:003, h17km:4km, mb1:0/1: Error ellipse: s-maj=4.7km s-min=4.5km

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

JMA 16 01:36:07.5-0.1, 3742N-13845E, h11km, 2km, M3.6, Near east coast of eastern Honshu

ISCJB 16 01:46:24.3-0.6, 552S-006-358E-01, h10km, mb4.1/11, Error ellipse: s-maj=15.1km s-min=8.3km az=12.4

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

ISCJB 16 01:48:54.3-0.8, 1514S-17358W, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.0/19, mbtmp4.0/8, Error ellipse: s-maj=44.0km s-min=18.6km az=139.0

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

ISC 16 01:52:12.5-1.2, 3751N-13837E, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.6/21, mbtmp3.7/4, Error ellipse: s-maj=34.9km s-min=11.3km az=104.0

NEIC 16 01:52:14.6, 3750N-13860E, h17km, mb4.2/2, After JMA. JMA 16 01:52:14.5, 3750N-13860E, h17km, M4.2

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

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

ISCJB 16 02:00:54.8-0.6, 3745N-003-13857E-004, h23km, 8km, Error ellipse: s-maj=5.2km s-min=4.5km az=143.4

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

ISCJB 16 02:04:33.7-0.7, 3749N-004-13860E-004, h19km, 9km, Error ellipse: s-maj=6.2km s-min=5.5km az=166.0

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

ISC 16 02:05:33.8-0.7, 3752N-13852E, h0km, mb3.8/9, mb1 4.1/10, mb1mx3.9/23, mbtmp3.8/10, M3.7/1, Error ellipse: s-maj=25.9km s-min=9.7km az=97.3

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

ISC 16 02:05:36.0-0.5, 3748N-003-13850E-003, h16km, 3km, n26, n0876/35, mb3.9/10, 1C-2D, Near west coast of eastern Honshu

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

ISC 16 02:11:45.5-1.6, 3404N-8161E, h0km, mb3.9/2, mb1 4.0/3, mb1mx3.4/21, mbtmp3.9/3, M3.0/1, Error ellipse: s-maj=50.9km s-min=31.6km az=43.0

ISCJB 16 02:11:49.2-2.1, 3420N-009-817E-03, h39km, 27km, mb3.6/2, Error ellipse: s-maj=42.2km s-min=12.9km az=168.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Danning, Koldanda, KOLN, KKN, DMN, etc.

ISC 16 02:24:13.2-1.8, 3746N-13846E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/22, mbtmp3.6/3, M3.5/1, MS4.2/1, MS1 4.2/1, ms1mx3.5/34, Error ellipse: s-maj=72.7km s-min=41.3km az=79.0

ISCJB 16 02:24:15.0, 3742N-003-13848E-004, h27km, 5km, mb3.7/2, Error ellipse: s-maj=5.8km s-min=4.9km az=155.4

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

ISC 16 02:24:15.4-0.5, 3741N-003-13848E-004, h20km, 4km, n14, n069/22, mb3.7/2, 1C-1D, Near west coast of eastern Honshu

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

ISC 16 02:28:46.0-0.9, 3418N-8175E, h0km, mb3.8/8, mb1 4.1/9, mb1mx3.8/23, mbtmp3.9/9, M3.5/1, MS3.7/1, MS1 3.7/1, ms1mx3.6/32, Error ellipse: s-maj=29.9km s-min=18.1km az=51.0

16d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gumba, PKI, JIRN, ODAN, MK31, etc.

NEIC 16 02:29:22.1±0.7, 226S-3555E, h10km, mb4.1/7, Error ellipse: s-maj=20.4km s-min=11.1km az=123.0,

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

IDC 16 02:33:33.7±3.7, 1044N-9161E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/19, mbtmp3.6/4, Error ellipse:

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

ISCJB 16 02:43:33.1±0.6, 3737N-004x13864E, h0km, mb3.9/1, mb1 4.0/2, mb1mx3.4/22, mbtmp3.7/2, ML3.5/1, Error ellipse:

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

IDC 16 02:50:22.7±2.5, 3745N-13877E, h0km, mb3.9/1, mb1 4.0/2, mb1mx3.4/22, mbtmp3.7/2, ML3.5/1, Error ellipse:

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

IDC 16 02:52:31.2±3.0, 580S-15002E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.7/4, Error ellipse:

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

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ISCJB 16 02:53:57.2±0.7, 3748N-003x13859E, h0km, mb3.9/1, mb1 4.0/2, mb1mx3.5/19, mbtmp3.7/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like W17A, W17A, W17A, etc.

JMA 16 02:56:18.9, 3750N-13859E, h17km, mb3.5, 2C-2D, Near west coast of eastern Honshu

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

NEIC 16 02:58:07.0±0.8, 3305N-10944W, h0km, ML2.6, Expected Mining explosion.

NEIC 16 02:58:07.9±0.3, 3306N-10927W, h0km, Error ellipse: s-maj=2.2km s-min=1.7km az=29.7

ISC 16 02:58:07.9±0.3, 3307N-10933W, h0km, n57, ±120/100, 31C-38D, Eastern Arizona

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Z19A, Z19A, Z19A, etc.

506

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like W17A, W17A, W17A, etc.

DDA 16 02:59:23.0, 3864N-2567E, h20km, mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.7/4, Error ellipse:

ISCJB 16 02:59:26.3±0.4, 3877N-002x2568E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.7/4, Error ellipse:

THE 16 02:59:26.9, 3876N-2572E, h15km, ML4.0, Error ellipse: s-maj=1.1km s-min=0.9km az=11.0

NEIC 16 02:59:26.5, 3880N-2571E, h35km, MD3.5(ISK), ML2.3(ATH), After ATH

ATH 16 02:59:26.5, 3880N-2571E, h35km, 3km, MD3.8/11, ML3.6, Error ellipse: s-maj=1.1km s-min=0.9km az=11.0

CSEM 16 02:59:26.9±0.0, 3878N-2575E, h20km, ML4.0, Error ellipse: s-maj=1.1km s-min=0.9km az=11.0

ISC 16 02:59:25.9±0.4, 3876N-002x2566E, h7km, mb3.9/1, mb1 4.0/2, mb1mx3.5/19, mbtmp3.7/4, Error ellipse:

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Edincik, Polygyros, KULA, BNT, MFT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 16:03:04:47.7.1.3, 2230S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, MKAR Machanchi Array, etc.

TRN 16:03:39:08.4, 1104N-6070W, h13km, MD4.0
NEIC 16:03:39:08.3, 1103N-6070W, h11km, mb3.7/1, MD4.0(TrN), After TRN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TPR Prospect, TSP Speyside, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TBH Brigand Hill, TRN Trinidad (W), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCRV Puerto La Cruz, GURV El Guri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OTAV Otavalo, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHOS Chios Island, PRK Paraskevi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AOS, GADA, GCAM, etc.

BUL 16:03:57:00.9, 231S-3563E, h12km, mb5.0, mb4.6
ISCJB 16:03:57:01.6, 0.4, 274S, 0.05-3605E, 0.07, h10km, mb4.3/18, Error ellipse: s-maj=11.3km s-min=5.8km az=26.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbo, KMBO Kilima Mbo, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOS, PRK, LZH, SONM, WRA.

DDA 16 03:57:48.7, 3869N-2562E, h5km, Mb3.4
ISCJB 16 03:57:50.2, 0.5, 3874N-002:2559E.002, h4km, 3km,
Error ellipse: s-maj=2.9km s-min=2.4km az=29.5

THE 16 03:57:52.4, 3874N-2568E, h15km, ML3.5
CSEM 16 03:57:52.6, 0.1, 3873N-2571E, h20km, ML3.5, Error
ellipse: s-maj=1.5km s-min=1.2km az=19.0

ISC 16 03:57:50.8, 0.5, 3873N-002:2560E.002, h3km, 3km, n78,
c097/108, 1C-5D, Aegean Sea

Main table listing station data for the Aegean Sea region, including stations like CHOS, PRK, LZH, SONM, WRA, etc.

DDA 16 04:17:34.4, 1.2, 3738N-13852E, h0km, mb3.7/3,
mb1 4.1/4, mb1mx3.6/22, mbtm3.8/4, ML3.6/1, MS4.3/1,
Ms1 4.3/1, ms1mx3.4/38, Error ellipse: s-maj=17.5km
s-min=11.3km az=11.0

ISCJB 16 04:17:35.9, 0.4, 3739N-003:13844E.003, h2km, 6km,
mb3.7/3, Error ellipse: s-maj=5.4km s-min=4.4km
az=154.6

JMA 16 04:17:36.1, 3740N-13843E, h16km, 2km, M3.6
JMA Fell II J1.

ISC 16 04:17:36.0, 0.5, 3738N-003:13844E.003, h16km, 4km,
n14, c087/23, mb3.7/3, 3C-1D, Near west coast of
eastern Honshu

Small table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIZZ, IZU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JJN, JJK, JHK, etc.

DDA 16 04:23:06.1, 1.4, 5445N-8625E, h0km, mb3.7, mpv3.3,
8C-2D, Error ellipse: s-maj=32.3km s-min=26.0km
az=56.0, Southwestern Siberia

KURK Kurchatov 5.96 234 iPn Pn 04 24 35.9 +0.4
KURB Kurchatov Arra 6.07 234 iPn Pn 04 24 37.5 +0.5

ISC 16 04:33:27.3, 23.0, 52.18N-176.09W, h0km, mb3.5/3,
mb1 4.0/3, mb1mx3.5/22, mbtm3.5/3, Error ellipse:
s-maj=40.5km s-min=32.2km az=95.0

ISCJB 16 04:33:43.6, 1.3, 5252N-02:1740W.02, h58km, 14km,
mb3.4/3, Error ellipse: s-maj=32.6km s-min=11.9km
az=161.5

NEIC 16 04:33:45.4, 1.2, 5251N-174.12W, h65km, 13km, mb4.0/1,
Error ellipse: s-maj=28.6km s-min=12.3km az=158.0

ISC 16 04:33:45.4, 1.2, 5252N-02:174W.02, h60km, 13km, n13,
c103/14, mb3.4/3, Andreev Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKO, ANKA, UNV, etc.

DDA 16 04:39:29.3, 3868N-2573E, h8km, 5km, Md3.5
ISCJB 16 04:39:30.0, 0.5, 3875N-002:2559E.002, h4km, 4km,
Error ellipse: s-maj=3.1km s-min=2.6km az=145.4

ISC 16 04:39:30.2, 3874N-2561E, h5km, MD3.4
ATH 16 04:39:31.5, 3880N-2565E, h28km, 2km, MD3.7/15, ML3.4
THE 16 04:39:31.8, 3873N-2565E, h10km, ML3.6

NEIC 16 04:39:31.5, 3880N-2565E, h28km, ML3.4(ATH), Atter
ATH.

CSEM 16 04:39:31.2, 0.1, 3872N-2566E, h10km, ML3.6, Error
ellipse: s-maj=1.4km s-min=1.3km az=16.0

ISC 16 04:39:31.0, 0.5, 3875N-002:2559E.002, h5km, 4km, n76,
c089/99, Aegean Sea

Main table listing station data for the Aegean Sea region, including stations like CHOS, PRK, LZH, SONM, WRA, etc.

DDA 16 04:17:34.4, 1.2, 3738N-13852E, h0km, mb3.7/3,
mb1 4.1/4, mb1mx3.6/22, mbtm3.8/4, ML3.6/1, MS4.3/1,
Ms1 4.3/1, ms1mx3.4/38, Error ellipse: s-maj=17.5km
s-min=11.3km az=11.0

ISCJB 16 04:17:35.9, 0.4, 3739N-003:13844E.003, h2km, 6km,
mb3.7/3, Error ellipse: s-maj=5.4km s-min=4.4km
az=154.6

JMA 16 04:17:36.1, 3740N-13843E, h16km, 2km, M3.6
JMA Fell II J1.

ISC 16 04:17:36.0, 0.5, 3738N-003:13844E.003, h16km, 4km,
n14, c087/23, mb3.7/3, 3C-1D, Near west coast of
eastern Honshu

Small table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIZZ, IZU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENEZ, BODT, ALN, etc.

ISCJB 16 04:42:25.6, 0.3, 4991N-002:1829E.002, h0km, Error
ellipse: s-maj=3.4km s-min=1.9km az=19.1

IPEC 16 04:42:27.0, 4.0, 1, 4983N-1847E, h1km, 1km, ML2.4/3, Error
ellipse: s-maj=2.1km s-min=0.7km az=162.0

NEIC 16 04:42:27.2, 0.5, 4989N-1839E, h5km, ML3.2(SZGRF),
Error ellipse: s-maj=8.4km s-min=4.3km az=198.0

VIE 16 04:42:28.6, 0.6, 4971N-1839E, h0km, mb2.2/4, ML2.8/4,
Error ellipse: s-maj=3.7km s-min=2.6km az=79.0

CSEM 16 04:42:28.4, 0.1, 4990N-1836E, h0km, ML3.4/9, Error
ellipse: s-maj=3.0km s-min=1.7km az=25.0

PRU 16 04:42:28.6, 4.987N-1833E, h0km, Rockburst In Mine
Doubrava, Fell In Orlova Mining induced.

BGR 16 04:42:29.6, 1.1, 4985N-1824E, h1km, ML3.2, Error
ellipse: s-maj=1.1km s-min=10.0km az=21.0

ISC 16 04:42:27.1, 0.3, 4988N-002:1837E.002, h0km, n51,
c1917/95, 1C-1D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC, Ostrava-Krasne, etc.

DDA 16 04:42:28.6, 0.6, 4971N-1839E, h0km, mb2.2/4, ML2.8/4,
Error ellipse: s-maj=3.7km s-min=2.6km az=79.0

CSEM 16 04:42:28.4, 0.1, 4990N-1836E, h0km, ML3.4/9, Error
ellipse: s-maj=3.0km s-min=1.7km az=25.0

PRU 16 04:42:28.6, 4.987N-1833E, h0km, Rockburst In Mine
Doubrava, Fell In Orlova Mining induced.

BGR 16 04:42:29.6, 1.1, 4985N-1824E, h1km, ML3.2, Error
ellipse: s-maj=1.1km s-min=10.0km az=21.0

ISC 16 04:42:27.1, 0.3, 4988N-002:1837E.002, h0km, n51,
c1917/95, 1C-1D, Czech and Slovak Republics

Main table listing station data for the Czech and Slovak Republics region, including stations like OKC, Ostrava-Krasne, etc.

DDA 16 04:17:34.4, 1.2, 3738N-13852E, h0km, mb3.7/3,
mb1 4.1/4, mb1mx3.6/22, mbtm3.8/4, ML3.6/1, MS4.3/1,
Ms1 4.3/1, ms1mx3.4/38, Error ellipse: s-maj=17.5km
s-min=11.3km az=11.0

ISCJB 16 04:17:35.9, 0.4, 3739N-003:13844E.003, h2km, 6km,
mb3.7/3, Error ellipse: s-maj=5.4km s-min=4.4km
az=154.6

JMA 16 04:17:36.1, 3740N-13843E, h16km, 2km, M3.6
JMA Fell II J1.

ISC 16 04:17:36.0, 0.5, 3738N-003:13844E.003, h16km, 4km,
n14, c087/23, mb3.7/3, 3C-1D, Near west coast of
eastern Honshu

Small table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIZZ, IZU, etc.

Table with columns: SRU, Name, Time, Frequency, and other details. Includes entries like San Rafael, Shoshone, Castle Valley, etc.

Table with columns: M14A, Name, Time, Frequency, and other details. Includes entries like Sheep Mountain, Hansel Valley, Merced, etc.

Table with columns: I11A, Name, Time, Frequency, and other details. Includes entries like Placerville, Adel, Alder Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WALA, A13A, B12A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, TAM, NKC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LSZ, LUSAKA, etc.

16d 5h

Table of flight data for the 16d 5h route, including columns for airline, destination, aircraft, departure time, arrival time, and status.

2007 JUL

Table of flight data for the 2007 JUL route, including columns for airline, destination, aircraft, departure time, arrival time, and status.

512

Table of flight data for the 512 route, including columns for airline, destination, aircraft, departure time, arrival time, and status.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like SNOW Snow King Moun, L13A Double Diamond, N10A Dumphy, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like ULM, K06A Valley Falls, M04C Macdoel, E14A Clinton, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like LON, F03A Seaside, B08A Colville Reser, E04A Onalaska, etc.

16d 5h

2007 JUL

HHC	comp=N,134nm,19.5s,MS5.1	LR	LR
HHC	comp=E,329nm,18.9s,MS5.1	LR	LR
WMQ	comp=N,178nm,19.0s,MS4.8	2 ePKP	PKPdf
WMQ	comp=N,230nm,28.0s,MS5.0	LR	LR
WMQ	comp=E,300nm,28.0s,MS5.0	LR	LR
NJ2	comp=N,327nm,26.0s,MS4.9	ePKP	ePKP
CD2	Nanjing 136.63 322	PKPdf	PKPdf
CD2	Chengdu 145.17 338	ePKP	ePKP
CD2		PKPK	PKPK
CD2		PP	PP
CD2		SKS	SKS
CD2		SKKsac	SKKsac
CD2		PP	PP

CD2	comp=N,230nm,28.0s,MS5.0	LR	LR
CD2	comp=N,150nm,21.4s	LR	LR
CD2	comp=N,160nm,20.4s,MS4.8	LR	LR
DDI	Dehra Dun 146.80 18	eP	eP
GYA	Guiyang 147.730 335	PKP	PKP
GYA		PKP2	PKP2
GYA		PKPab	PKPab
GYA		PP	PP
GYA		SKS	SKS
GYA		SKKsac	SKKsac
GYA		SS	SS
GYA		PP	PP
GYA	comp=N,110nm,22.8s,MS4.8	LR	LR
GYA	comp=E,120nm,23.0s,MS4.8	LR	LR
GYA	comp=N,140nm,21.6s,MS4.7	LR	LR

NDI	New Delhi 148.03 20	eP	eP
KMI	Kunming 150.71 335	PKP	PKP
KMI		PKPK	PKPK
KMI		PKPK	PKPK
KMI		PP	PP
KMI		SKS	SKS
KMI		SKKsac	SKKsac
KMI		SS	SS
KMI		PP	PP
KMI	comp=N,205nm,25.5s,MS5.0	LR	LR
KMI	comp=N,186nm,23.2s,MS5.0	LR	LR
KMI	comp=N,136nm,20.8s,MS4.7	LR	LR

CMAR	Chiang Mai Arr 152.23 335	PKPab	PKPab
CMAR	comp=N,1.8nm,0.6s,baz=0.5,slow=4.9,SNR=7.7		

ISC/JB 16 05:10:14.6:0.7,3149S:004:6850W:006,h113km,7km,
Error ellipse: s-maj=8.3km s-min=6.5km az=9.1
IDC 16 05:10:14.8:1.6,3142S:6884W,h98km,9km,mb3.2/1,
mb1 3.3/2,mb1mx3.1/15,mbtmp3.3/2,MS3.4/1,M1s 3.4/1,
ms1mx3.1/10,Error ellipse: s-maj=51.0km s-min=21.8km
az=82.0
GUC 16 05:10:16.1:0.7,3155S:6884W,h154km,14km,MD3.7,
ML3.3
NEIC 16 05:10:16.1:0.7,3155S:6884W,h154km,MD3.7(GUC),After
GUC.
ISC 16 05:10:15.5:0.7,3147S:004:6850W:006,h108km,7km,
n20,o:995/27,2C-1D,San Juan Province

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
CFAA	Coronel Fontan	0.26	120	P	Pn		05 10 31.4	+0.5
CFAA	18nm,0.3s,baz=293,slow=3.1,SNR=3019							
JACH	Jachal	0.35	139	eP	Pn		05 10 51.0	+0.7
JACH	72nm,0.3s,baz=139,slow=19,SNR=411							
TLL	Tololo Astrono	2.37	303	eP	Pn		05 11 17.1	+0.2
TLL	11.25 235							
TLL	Tololo Astrono	2.37	303	eP	Pn		05 10 54.7	+1.5
TLL	11.25 235							
TLL	Tololo Astrono	2.37	303	eP	Pn		05 11 23.9	+1.9
TLL	11.25 235							
FCH	Farellones	2.39	219	eP	Pn		05 10 54.2	+0.7
FCH	11.25 235							
FCH	Farellones	2.39	219	eP	Pn		05 11 23.3	+0.7
FCH	11.25 235							
PEL	Peldehue	2.49	227	eP	Pn		05 10 55.1	+0.4
PEL	11.25 235							
PEL	Peldehue	2.49	227	eP	Pn		05 11 24.2	+0.6
PEL	11.25 235							
CLCH	Cerro Calan	2.58	221	eP	Pn		05 10 56.1	+0.3
CLCH	11.25 235							
CLCH	Cerro Calan	2.58	221	eP	Pn		05 11 26.3	+0.6
CLCH	11.25 235							
CHNG	Los Chungos	2.59	260	iP	Pn		05 10 55.1	-0.9
CHNG	11.25 235							
PCH	Pirque	2.73	218	eP	Pn		05 11 24.9	+2.3
PCH	11.25 235							
ANTU	Antumapu	2.76	220	eP	Pn		05 10 58.2	+0.3
ANTU	11.25 235							
LMEL	Las Melosas	2.77	211	iP	Pn		05 11 30.6	-0.6
LMEL	11.25 235							
LSCH	La Serena	2.83	203	iP	Pn		05 10 59.0	+0.6
LSCH	11.25 235							
TACH	Talagante	2.99	233	eP	Pn		05 10 59.5	+0.3
TACH	11.25 235							
LCO	Las Campanas	3.10	322	ePn	Pn		05 11 32.4	+0.5
LCO	11.25 235							
TRQA	Tornquist	3.48	143	ePn	Pn		05 11 03.2	+0.3
TRQA	11.25 235							
LVC	Limon Verde	8.83	358	P	Pn		05 12 14.1	-1.3
LVC	11.25 235							
LVC	Limon Verde	8.83	358	P	Pn		05 12 19.9	-0.5
LVC	11.25 235							
PLCA	Paso Flores	9.39	190	LR	Pn		05 12 19.9	-0.5
PLCA	11.25 235							
TORD	Torori Ar. Bea	80.53	68	P	P		05 15 55.1	
TORD	11.25 235							
WRA	Warramunga Arr	24.38	206	PKP	PKPdf		05 22 17.0	+0.9
WRA	11.25 235							
MKAR	Makanchi Array	152.86	47	PKP	PKPbc		05 29 01.7	-0.7
MKAR	11.25 235							
MKAR	Makanchi Array	152.86	47	PKP	PKPbc		05 30 00.9	+1.3
MKAR	11.25 235							

ISC/JB 16 05:21:26.8:0.6,3934N:003:2027E:007,h21km,6km,
Error ellipse: s-maj=9.4km s-min=6.6km az=174.9
ATH 16 05:21:26.8,3932N:2029E,h35km,MD3.1/3
THE 16 05:21:26.2,3928N:2018E,h5km,ML3.0
CSEM 16 05:21:27.1:0.2,3929N:2032E,h12km,ML3.0,Error
ellipse: s-maj=2.9km s-min=2.9km az=83.0
ISC 16 05:21:27.1:0.6,3929N:002:2029E:006,h15km,6km,n10,
a:16/20,Greece-Albania border region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
IGT	Igoumenitsa	0.25	9	eP	Pg		05 21 31.5	-1.0
IGT	11.25 235							
KEK	Kerkira	0.57	319	ePn	Pg		05 21 36.0	-0.2
KEK	11.25 235							
KEK	Kerkira	0.57	319	ePn	Pg		05 21 47.4	+1.5
KEK	11.25 235							
JAN	Janina	0.57	50	ePn	Pg		05 21 38.0	-0.4
JAN	11.25 235							
JAN	Janina	0.57	50	ePn	Pg		05 21 47.1	+1.1
JAN	11.25 235							
LKD	Levkas	0.65	154	ePn	Pg		05 21 38.8	-0.9
LKD	11.25 235							
LKD	Levkas	0.65	154	ePn	Pg		05 21 49.5	+1.2
LKD	11.25 235							
MEV	Metsovon	0.88	55	ePn	Pg		05 21 58.4	+2.6
MEV	11.25 235							
MEV	Metsovon	0.88	55	ePn	Pg		05 21 58.4	+2.6
MEV	11.25 235							
VLS	Valsamata	1.13	168	ePn	Pg		05 22 04.5	+0.8
VLS	11.25 235							
VLS	Valsamata	1.13	168	ePn	Pg		05 22 04.5	+0.8
VLS	11.25 235							
VLS	Valsamata	1.13	168	ePn	Pg		05 22 04.5	+0.7
VLS	11.25 235							
VLS	Valsamata	1.13	168	ePn	Pg		05 22 05.6	+1.9
VLS	11.25 235							
VLS	Valsamata	1.13	168	ePn	Pg		05 22 07.8	+0.7
VLS	11.25 235							
KFL	Kifissos	1.61	99	ePn	Pg		05 21 54.4	-2.1
KFL	11.25 235							
AGG	Agios Georgios	1.61	99	ePn	Pg		05 21 57.1	-1.1
AGG	11.25 235							
FNA	Florina	1.71	29	ePn	Pg		05 22 20.1	+0.5
FNA	11.25 235							

JMA 16 05:22:52.7:0.1,3745N:13856E,h22km,2km,M2.2,Near
west coast of eastern Honshu

JJZZ	Izumozaki	0.14	56	S	Sb		05 23 01.4	+0.9
JJK	Hiroka	0.42	119	P	Pb		05 23 00.8	-0.6
JJK							05 23 06.7	-0.6
JJN	Nakama	0.47	223	S	Sb		05 23 10.0	+1.2
JSD	Sado	0.63	338	S	Sb		05 23 13.4	-0.1
JKT	Katashina	0.88	141	P	Pn		05 23 19.0	+0.2
JKT							05 23 20.6	+0.1
JFY	Yanaizu	0.91	92	S	Sb		05 23 21.4	-0.1
JFY							05 23 21.3	-0.1
MAT	Matsushiro	0.95	197	P	Pb		05 23 22.9	+0.3
MAT							05 23 10.3	-0.1
MAT	Matsushiro	0.95	197	P	Pb		05 23 10.3	-0.1
MAT	Suzhi	0.95	197	P	Pb		05 23 10.0	-0.5

MDD 16 05:27:20.1:6.5,5390N:2.15E,h0km,mb4.3/2,Error
ellipse: s-maj=216.0km s-min=53.5km az=107.0,LEJANO
SIN SOLUCI

CSEM 16 05:27:27.0:1.5,5349N:2.39E,h10km,ML3.3/19,Error
ellipse: s-maj=2.3km s-min=1.1km az=58.0
ISC/JB 16 05:27:27.2:0.4,5315N:002:225E:005,h10km,Error
ellipse: s-maj=4.8km s-min=2.6km az=149.9

NEIC 16 05:27:27.6:0.5,5355N:2.55E,h10km,ML3.3(LDG),Error
ellipse: s-maj=7.6km s-min=3.3km az=83.0
LDG 16 05:27:27.9:0.1,5348N:2.36E,h10km,ML3.3/20,Error
ellipse: s-maj=3.2km s-min=1.5km az=54.0

BGS 16 05:27:31.3:2.5,5346N:2.32E,h10km,ML3.0
ISC 16 05:27:28.8:0.4,5322N:002:233E:005,h10km,n94,
a:119/153,North Sea

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
AW1I	Witton	0.66	234	eP	Pg		05 27 45.0	+3.4
ABA1	Baconthorpe	0.79	246	eP	Pg		05 27 47.0	+3.0
ABA1							05 27 59.7	+5.4
AEU	East Anglia Un	0.90	228	eP	Pg		05 27 49.1	+3.1
AEU							05 28 03.1	+5.4
AEU							05 28 05.9	
AEU	comp=N,348nm,0.2s			AML	AML		05 28 06.0	
AEU	comp=E,425nm,0.2s			AML	AML		05 28 06.0	
AEU	East Anglia Un	0.90	228	eP	Pg		05 27 49.1	+3.1
AEU							05 28 03.1	+5.4
AEU							05 28 03.1	+5.4

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
TFO1	Folkestone	2.23	200	eP	Pn		05 28 11.1	+5.3
TFO1							05 28 39.4	+5.9
CWF	Charnwood Fore	2.25	259	eP	Pn		05 27 07.4	+1.3
CWF							05 28 51.5	+1.4
CWF	comp=E,43nm,0.5s			AML	AML		05 28 57.6	
CWF	comp=N,50nm,0.4s			AML	AML		05 28 57.6	
CWF	Charnwood Fore	2.25	259	eP	Pn		05 28 07.4	+1.3
KB1I	Birley Grange	2.32	272	eP	Pn		05 28 27.1	+0.1
KB1I	Birley Grange	2.32	272	eP	Pn		05 28 07.1	+0.1

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
SKP1	Kophill	2.44	233	eP	Pn		05 28 12.4	+3.8
HPK	Haverah Park	2.47	289	eP	Pn		05 28 05.0	0.0
HPK							05 28 38.8	-0.4
HPK							05 28 54.9	
HPK	comp=N							

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AML, MKAR, KURK, BVAR, BRVK, CMAR, AKTK, AKTY, NOA, INK, INUV, TORD, ASAR, YKA.

ISCJB 16 05:44:57.4.1.6, 1937N.005:1458E.0.1, h94km, 15km, mb4.2/22, Error ellipse: s-maj=19.7km s-min=7.7km az=172.3

NEIC 16 05:44:59.9.2.1, 1937N.14579E, h104km, 19km, mb4.6/4, Error ellipse: s-maj=17.0km s-min=11.3km az=91.0

IDC 16 05:44:59.0.2.0, 1937N.14588E, h94km, 17km, mb4.0/20, mb1.4/21, mb1mx4.1/26, mbtmp4.0/21, Error ellipse: s-maj=18.6km s-min=10.5km az=95.0

ISC 16 05:44:59.1.4.1, 1937N.005:1458E.01, h91km, 12km, n29, e087/29, mb4.2/22, Mariana Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, CBUJ, NCBJ, KSR5, ASAJ, CTA, WRA, FITZ, SONM, SONM, CMAR, ASAR, STKA, MKAR, MKAP, MKAR, NWAO, BVAR, INK, DLBC, AKTK, AKTY, AKTO, YKA, ARCES, NVAR, PDAR, AKASG, NOA, ULM, TORD, TORD.

IDC 16 05:46:57.3.9.1, 138N.90D9W, h0km, mb3.8/6, mb1.4/1.6, mb1mx3.9/19, mbtmp3.8/6, MS3.6/2, Ms1.3.6/2, ms1mx2.9/31, Error ellipse: s-maj=251.3km s-min=121.0km az=34.0

NEIC 16 05:46:57.2.4.2, 104N.9032W, h10km, mb4.1/3, Error ellipse: s-maj=91.4km s-min=59.9km az=187.0, Galapagos Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SJG, LPJG, TXAR, BNM, CCM, ANMO, SCDO, PDAR, NVAR, YKA, YKA, INK, INK.

ISCJB 16 05:49:50.2.1.7, 100S.02:122.3E.03, h59km, 20km, mb3.8/2, Error ellipse: s-maj=67.9km s-min=10.3km az=146.0

NEIC 16 05:49:50.9.0.8, 98S.5:122.39E, h35km, mb3.9/1.1, Error ellipse: s-maj=55.1km s-min=9.7km az=56.0

IDC 16 05:49:51.8.2.9, 996S.122.15E, h53km, 33km, mb3.7/2, mb1.3/8.6, mb1mx3.6/16, mbtmp3.7/6, ML3.5/4, Error ellipse: s-maj=137.8km s-min=19.8km az=59.0

ISC 16 05:49:51.7.1.4, 99S.02:122.4E.03, h49km, 18km, n9, e077/12, mb3.8/2, Savu Sea

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI, KAPI, FITZ, FITZ.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, WRA, ASAR, ASAR, STKA, MKAR, MKAR.

NEIC 16 05:56:52.8.1.0, 5232N.168D3W, h10km, MG3.0(AEIC), Error ellipse: s-maj=16.2km s-min=10.7km az=208.0

ISCJB 16 05:56:54.8.2.3, 523N.0.1:168D1W.0.1, h41km, 18km, mb3.5/7, Error ellipse: s-maj=24.8km s-min=11.1km az=178.8

IDC 16 05:56:58.0.4.5, 5265N.168D3W, h41km, 48km, mb3.4/8, mb1.3/7.9, mb1mx3.5/25, mbtmp3.4/9, ML3.3/1, Error ellipse: s-maj=47.2km s-min=18.6km az=11.0

ISC 16 05:56:53.4.3.4, 5228N.008:1680W.01, h15km, 22km, n15, e097/18, mb3.5/7, Fox Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NIKO, NIKO, OKCD, UNV, AKUT, KDKA, KDKA, PETK, INK, NVAR, PDAR, TXAR, SONM, MKAR, NB2, NOA.

IDC 16 06:01:55.1.13.0, 2325S.17997W, h560km, 169km, mb3.3/7, mb1.3.5/7, mb1mx3.3/18, mbtmp3.3/7, Error ellipse: s-maj=56.1km s-min=32.1km az=61.0, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA, CTA, STKA, STKA, ASAR, WB2, WRA, KAKA, FORT, FITZ, FITZ, VYDA, TXAR.

IDC 16 06:05:46.1.8.9, 2131S.17500W, h0km, mb4.0/6, mb1.4/2.6, mb1mx3.9/19, mbtmp4.0/6, Error ellipse: s-maj=210.2km s-min=40.7km az=40.0, Tonga Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA, STKA, ASAR, WRA, FITZ, VYDA.

JMA 16 06:10:53.1, 3741N.13845E, h15km, 2km, M1.8, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JJK, JHK, JSD, JNS, JSZ, MAT, MAT, JKT, JFY.

ISCJB 16 06:12:08.9.0.3, 3903N.002:2969E.03, h3km, Error ellipse: s-maj=3.3km s-min=2.8km az=27.5

CSEM 16 06:12:08.4.0.1, 3901N.2972E, h2km, MD2.9, Error ellipse: s-maj=1.4km s-min=1.3km az=34.0

DDA 16 06:12:08.3, 3903N.2970E, h7km, 4km, Md2.9

ISK 16 06:12:08.8, 3900N.2971E, h3km, MD2.9

ISC 16 06:12:09.4.0.4, 3903N.002:2968E.003, h0km, 6km, n23, e053/35, Turkey

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GDZ, ALT, KHAL, KHAL, DEMI, SHUT, KULA, DST, ESKT, ESKT.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SEYT, TKTP, ULDT, ULDT, ADVT, GEMT, AKS, YALB, BALK, BALK, KCT, KCT, BALLY, BALLY, KDHN, KDHN.

ISCJB 16 06:33:48.0.1.3, 517N.008:1271E.01, h87km, 11km, mb4.5/14, Error ellipse: s-maj=20.7km s-min=10.6km az=153.4

IDC 16 06:35:50.7.7.5, 515N.12718E, h96km, 70km, mb3.9/9, mb1.4/1.9, mb1mx4.0/19, mbtmp3.9/9, Error ellipse: s-maj=20.8km s-min=16.2km az=71.0

DJA 16 06:33:51.5, 522N.12697E, h120km, ML4.9/2

NEIC 16 06:33:55.9.5.0, 513N.12717E, h146km, 49km, mb4.2/5, Error ellipse: s-maj=45.7km s-min=10.9km az=71.0

ISC 16 06:33:49.0.1.3, 514N.008:1271E.01, h79km, 11km, n27, e069/26, mb4.5/16, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPH, GSPH, BIPH, BIPH, BUKP, SCPH, FITZ, WRA, ASAR, ASAR, NWAO, NWAO, STKA, STKA, TAPAN, TAPAN, ODAN, RAMN, JIRN, GUN, SONM, KOLN, DANN, MKI3, MKAR, KURK, BRVK, VYDA, ARCES, MUD, MUD, MUD, MUD, TORD.

JMA 16 06:37:24.8.0.1, 3752N.13856E, h17km, 1km, M1.5, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JIZZ, JIZZ, JNS, KAT, MAT.

NIED 16 06:37:00, 3750N.13870E, h11km, Mw5.6 Best double couple: M3.26000x1017 NP1:219.00000, 847.00000, 1.100.00000. NP2:20.00000, 844.00000, 1.79.00000.

BGS 16 06:37:36.1, 3685N.139.10E, h15km, mb5.8

BUI 16 06:37:37.5, 3745N.13909E, h33km, mb5.7, mb5.2, Ms5.6, Ms2.6

IDC 16 06:37:39.6.1.8, 3748N.13853E, h11km, 10km, mb5.2/32, mb1.5/3.5, mb1mx3.3/7, mbtmp5.2/35, ML4.9/2, MS5.1/25, Ms1.5/25, ms1mx3.0/36, Error ellipse: s-maj=12.7km s-min=7.1km az=98.0

ISCJB 16 06:37:39.9.0.1, 3753N.001:13852E.001, h1km, mb5.6/316, MS5.2/20, Error ellipse: s-maj=2.0km s-min=1.5km az=167.9

NEIC 16 06:37:40.4.0.1, 3750N.13847E, ms5.7/220, MS5.1/158, MW5.6, MW5.6(NIED), Error ellipse: s-maj=2.7km s-min=2.1km az=173.0, Moment Tensor Solution. s70

Moment tensor: Scale 10^17Nm; Mr:2.88; Mw:2.49; Mw-0.39; Mn:0.48; Ms:1.15; Msr:1.05; Best double couple: M3.20000x1017 NP1:20.00000, 838.00000, 1.12.00000. NP2:233.00000, 855.00000, 1.74.00000.

Principal axes: T: 3.1900, Plg74.0000, Azm96.0000; N: -0.0600, Plg13.0000, Azm242.0000; P: -3.1300, Plg8.0000, Azm334.0000.

NEIC Felt [III] at Tokyo; [II] at Kanazawa and Nagoya. Also felt at Atsugi, Chiba, Kashiwa, Koriyama, Kosugi, Misawa, Moriama, Niigata, Osaka, Sagamihara, Saku and Zushi. Recorded [6] JMA in Niigata; [4] JMA in Gumma, Nagano and Yamagata; [3] JMA in Fukushima, Ishikawa and Tochigi; [2] JMA in Akiha, Chiba, Ibaraki, Miyagi, Saitama, Tokyo, Toyama and Yamanashi; [1] JMA in Aichi, Fukui, Gifu, Iwate, Kanagawa and Shizuoka Prefectures.

JMA 16 06:37:40.4, 3750N.13864E, h23km, 1km, M5.8 Broadband fault plane solution: P waves: NP1: 84.00000, 833.00000, 1.08.00000. NP2: 199.00000, 859.00000, 1.79.00000. Principal axes: T: Plg74.0000, Azm79.0000; N: Plg10.0000, Azm205.0000; P: Plg13.0000, Azm127.0000.

GCMT 16 06:37:40.4.0.1, 3756N.13855E, h18km, MW5.8/105, Moment Tensor Solution. s101,c200, s105,c267; Duration: 1s8 Moment tensor: Scale 10^17Nm; Mr:4.35e-06; Mn:1.01e-04; Ms:3.34e-05; Msr:1.87e-10; Mw:1.75e-03; Mw-2.26e-11; Best double couple: M5.21600x1017 NP1:22.00000, 828.00000, 1.79.00000. NP2:214.00000, 862.00000, 1.96.00000.

Principal axes: T: 5.2780, Plg72.0000, Azm138.0000; N: -0.1250, Plg5.0000, Azm32.0000; P: -5.1530, Plg17.0000, Azm300.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

MOS 16 06:37:41.4.1.0, 3752N.13851E, h33km, mb5.8/120, MS5.3/71, Error ellipse: s-maj=6.5km s-min=3.7km az=105.2

IGL 16 06:37:44.3,37.49N,138.41E, h59km, MS5.6
SZGRF 16 06:37:44.9,38.07N,139.53E, h33km, mb5.7, MS5.3, Near
west coast of eastern Honshu, Japan
DJA 16 06:38:09,36.53N,138.06E, h218km, mb4.9/5
ISC 16 06:37:41.6,0.1,3751N,001:13850E:001,h20km,
h20km, 9km; pP, N1483, 0679/1417, mb5.6/316,
MS5.2/220,216C-133D, Near west coast of eastern

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains station data for Honshu, including stations like Izumozaki, Hiroka, Nakama, Sado, Sasagawa, Suzu, Katashina, Kuni, Yanaizu, Matsushiro, etc.

Table with columns: KUR, comp=N, 1um, 1.2s, pmax, pmax, etc. Contains seismic event data for Kuril Islands, including stations like Chichijima, Chishima, Chishima, etc.

Table with columns: PET, comp=Z, 2um, 8.2s, pmax, pmax, etc. Contains seismic event data for various stations including Quanzhou, Wuhuan, Chul'man, etc.

GVA	PP	06 44 34.3	-12
GVA	PCP	06 46 50.0	+1.6
GVA	S	06 48 30.0	-0.7
GVA	SS	06 49 59.3	-35
GVA	AMB		
comp=Z,60nm,1.0s,mb5.3			
GVA	AMB		
CD2	P	06 43 41.9	-1.3
CD2	P	06 43 56.5	+7.2
CD2	XP	06 44 04.1	+1.2
CD2	PP	06 44 37.5	-1.2
CD2	PCP	06 46 48.1	-1.0
CD2	S	06 48 26.9	-8.8
CD2	XS	06 48 51.6	+5.7
CD2	PCS	06 50 29.8	-2.4
CD2	AMB		
comp=Z,10.0nm,0.6s,mb4.7			
CD2	AMB		
comp=Z,760nm,9.6s			
GTA	P	06 43 50.0	-0.5
GTA	PP	06 44 49.8	-8.9
GTA	PCP	06 46 52.3	+1.2
GTA	S	06 48 47.8	-0.9
GTA	PCs	06 50 34.8	+0.2
GTA	SCS	06 54 25.8	-2.1
GTA	AMB		
comp=Z,8.0nm,0.9s,mb4.5			
GTA	AMB		
comp=Z,484nm,9.2s			
GTA	LR		
QIZ	P	06 43 59.1	+0.8
QIZ	PP	06 45 01.3	-7.2
QIZ	S	06 49 04.4	+1.9
QIZ	SS	06 50 46.8	-29
QIZ	AMB		
comp=Z,17nm,2.1s,mb4.5			
QIZ	AMB		
comp=Z,469nm,7.9s			
QIZ	P	06 43 59.6	+1.4
QIZ	eP		
QIZ	eP	06 44 03.1	-1.4
QIZ	SP	06 44 05.0	-2.0
comp=Z,5um,19.0s,MS5.2			
DAV	PFAKE		
DAV	LR		06 44 20.0 +9.1
KMI	P	06 44 13.0	-0.2
KMI	PP	06 45 21.3	-6.0
KMI	PCP	06 46 58.1	-0.2
KMI	S	06 49 26.3	-2.7
KMI	PCs	06 50 40.6	-3.0
KMI	AMB		
comp=Z,19nm,1.1s,mb4.9			
KMI	AMB		
comp=Z,473nm,4.5s			
BILL	P	06 44 25.4	-0.4
BILL	eP		
BILL	eP	06 44 24.5	-1.2
BILL	iP	06 44 31.9	-0.1
BILL	e	06 45 39.9	
BILL	e	06 47 02.4	
BILL	eS	06 49 50.3	-1.0
BILL	S		
comp=Z,132nm,1.5s,mb5.6			
BILL	MLR		
comp=Z,4um,15.0s,MS5.2			
TIXI	P	06 44 28.0	-0.4
TIXI	eP		
TIXI	eP	06 44 27.0	-1.4
TIXI	iP	06 49 52.3	-3.7
TIXI	eS	06 52 06.3	-20
TIXI	SS		
TIXI	pmx		
comp=Z,96nm,1.6s,mb5.5			
TIXI	MLR		
comp=Z,7um,13.0s,MS5.6			
KRAM	P	06 44 36.2	-0.5
KRAM	Krasnoyarsk	35.51 316	
KRAM	Ktas Kinabalu	37.33 218	
KRAM	PFAKE		06 45 00.0 +7.4
comp=Z,3um,20.0s,MS5.0			
NAM	P	06 44 55.0	-2.2
NAM	Nan	37.87 251	
NAM	P	06 44 56.6	-0.9
comp=Z,479nm,1.0s,mb5.2			
MIDW	P	06 44 56.6	-0.9
MIDW	eP		
MIDW	eP	06 44 59.0	+1.4
comp=Z,590nm,1.0s,mb5.2			
MIDW	LR		
CHRT	P	06 45 02.6	0.0
CHRT	Uringrai	37.93 253	
CHRT	P	06 45 02.6	0.0
comp=Z,4.0nm,0.6s,baz=29,slow=2.1,SNR=7.6			
WMQ	P	06 46 34.0	+3.2
WMQ	PP	06 47 14.9	-0.1
WMQ	PCP	06 50 57.5	+0.2
WMQ	SS	06 53 37.8	-9.3
WMQ	AMB		
comp=Z,45nm,1.0s,mb5.2			
WMQ	AMB		
comp=Z,520nm,5.0s			
WMQ	LR		
comp=Z,3um,17.0s,MS5.2			
CHG	P	06 45 09.2	+0.9
CHG	Chiang Mai	39.19 253	
comp=Z,23nm,0.7s,mb5.0			
CHTO	P	06 45 07.8	-0.5
CHTO	Chiang Mai	39.19 253	
comp=Z,227nm,2.5s,mb5.5			
CHTO	LR		
comp=Z,2um,20.0s,MS5.0			
CHTO	P	06 45 07.8	-0.5
CHTO	eP		
CHTO	eP	06 45 07.8	-0.5
comp=Z,227nm,2.5s,mb5.5			
CHTO	MLR		
comp=Z,2um,20.0s,MS5.0			
CM31	PFAKE		06 45 20.0 +1.0
CM31	Chiang Mai Arr	39.40 252	
comp=Z,1um,19.0s,MS4.8			
CMAR	P	06 45 10.8	+0.7
CMAR	Chiang Mai Arr	39.40 252	
comp=Z,3.2nm,0.6s,mb4.2,baz=2.1,slow=7.3,SNR=6.1			
CMAR	P	06 47 19.1	+1.0
comp=Z,4.0nm,0.6s,baz=29,slow=2.1,SNR=7.6			
CMAR	ScP	06 51 05.5	0.0
comp=Z,1.8nm,0.4s,baz=360,slow=4.4,SNR=7.0			
CMAR	LR	06 07 34.0	
comp=Z,3um,18.7s,MS5.1,baz=58,slow=4.1			
CMAR	P	06 45 10.8	+0.8
CMAR	P	06 47 19.1	
CMAR	PMR	06 51 05.5	
comp=Z,3.0nm,0.6s			
CMAR	MLR		
comp=Z,3um,18.7s			
LSA	P	06 45 12.5	-1.3
LSA	Lhasa	39.86 273	
LSA	AP	06 45 27.0	+7.0
LSA	PP	06 46 52.3	+6.9
LSA	S	06 51 18.4	+1.0
LSA	LR		
comp=Z,7um,15.5s,MS5.6			
LSA	P	06 45 14.7	+1.0
LSA	Lhasa	39.86 273	
comp=Z,36nm,1.2s,mb5.0			
LSA	LR		
comp=Z,4um,20.0s,MS5.3			
LSA	P	06 45 14.7	+0.9
LSA	eP		
LSA	eP	06 47 19.1	
comp=Z,37nm,1.2s,mb5.0			
LSA	MLR		
comp=Z,4um,20.0s,MS5.3			
NVS	P	06 45 19.6	-1.9
NVS	Novosibirsk	40.83 313	
NVS	ePPP		
NVS	ePPP	06 47 21.1	
NVS	pmx		
comp=Z,28nm,1.3s,mb4.7			
NVS	pmx		
comp=Z,42nm,1.4s			
SHL	P	06 45 23.0	-1.1
SHL	Shilling	41.10 267	
SHL	eS	06 51 36.0	0.0
SHL	S	06 45 27.6	0.0
TNA	P	06 45 29.2	-1.1
TNA	Tin City	41.60 301	
comp=Z,137nm,1.0s,mb5.5			
MK31	P	06 45 29.9	-0.8
MKAR	Makanchi Array	41.89 301	
comp=Z,12nm,0.8s,mb4.6,baz=89,slow=9.9,SNR=5.1			
MKAR	P	06 47 25.9	+0.2
comp=Z,16nm,0.8s,baz=70,slow=5.3,SNR=12			
MKAR	ScP	06 51 14.9	+0.1
comp=Z,3.1nm,0.9s,baz=86,slow=6.2,SNR=6.0			
MKAR	LR	07 03 02.0	
comp=Z,3um,19.6s,MS5.2,baz=87,slow=36			
TAPN	P	06 45 44.7	+0.3
TAPN	Tablejung	43.60 272	

comp=Z,97nm,1.2s,mb5.4			
KURK	P	06 45 44.4	-1.4
KURK	Kurchatov	43.80 307	
comp=Z,107nm,1.2s,mb5.5			
KURK	LR		
comp=Z,725nm,20.0s,MS4.6			
KURK	P	06 45 45.0	-0.8
KURK	Kurchatov	43.80 307	
SNR=39			
ODAN	P	06 45 48.7	+0.5
ODAN	Odare	44.07 271	
SDPT	P	06 45 46.5	-1.8
SDPT	Sand Point	44.13 46	
comp=Z,49nm,0.9s,mb5.2			
SDPT	LR		
comp=Z,1um,19.0s,MS4.8			
RAMM	P	06 45 53.0	+0.1
RAMM	Ramite	44.66 272	
comp=Z,275nm,1.2s,mb5.0			
JIRN	P	06 45 53.8	+0.8
JIRN	Jiri	44.67 273	
comp=Z,182nm,1.4s,mb5.7			
GUN	P	06 45 54.9	+0.8
GUN	Gumba	44.80 274	
CHGN	P	06 45 56.0	-1.2
CHGN	Chignik	45.24 44	
PKI	P	06 45 58.5	+0.3
PKI	Pulchoki	45.33 272	
KKN	P	06 45 58.6	+0.3
KKN	Kakani	45.33 274	
comp=Z,136nm,1.2s,mb5.7			
PKIN	P	06 45 58.7	+0.4
PKIN	Phulchoki	45.33 273	
comp=Z,31nm,0.9s,mb5.7			
DMN	P	06 46 00.1	+0.1
DMN	Dman	45.55 274	
comp=Z,137nm,1.5s,mb5.7			
GKN	P	06 46 01.6	0.0
GKN	Gorkha	45.75 274	
comp=Z,21nm,1.0s,mb5.0			
KAPI	P	06 46 01.7	-0.1
KAPI	Kappang	45.77 207	
comp=Z,875nm,20.0s,MS4.7			
KAPI	P	06 45 59.7	-2.1
KAPI	Kappang	45.77 207	
comp=Z,19nm,0.9s,mb5.0,baz=19,slow=6.2,SNR=5.3			
DANN	P	06 46 06.3	+0.5
DANN	Dangsing	46.29 275	
comp=Z,98nm,0.8s,mb5.8			
AAA	P	06 46 06.0	+0.2
AAA	Alma-Ata	46.31 297	
AAA	eS	06 52 53.0	+1.3
AAA	SS		
comp=Z,880nm,7.0s			
AAA	pmx		
comp=Z,1um,19.0s			
AAA	MLR		
comp=Z,2um,15.0s,MS5.1			
TTA	P	06 46 05.6	-0.3
TTA	Tatalina	46.36 35	
SVW2	P	06 46 07.5	+0.1
SVW2	Sparrevohn	46.56 38	
KOLN	P	06 46 09.1	+0.3
KOLN	Koldanda	46.67 275	
comp=Z,7um,1.1s,mb5.7			
TKM2	P	06 46 13.8	-0.1
TKM2	Tokmak	46.55 297	
comp=Z,42nm,1.2s,mb5.2			
TKM2	LR		
comp=Z,961nm,19.0s,MS4.8			
TKM2	P	06 46 13.8	-0.2
TKM2	Tokmak 2	47.35 297	
comp=Z,42nm,1.2s,mb5.2			
TKM2	MLR		
comp=Z,961nm,19.0s,MS4.8			
IMAZ	P	06 46 14.6	+0.2
IMAZ	Indian Mount	47.46 31	
OHAK	P	06 46 17.3	-1.3
OHAK	Old Harbor	47.98 43	
comp=Z,90nm,1.0s,mb5.8			
OHAK	LR		
comp=Z,2um,19.0s,MS5.2			
CHUM	P	06 46 19.4	+0.5
CHUM	Chum	48.02 34	
FRU	P	06 46 19.0	-0.5
FRU	Bishkek	48.07 297	
FRU	e	06 53 19.0	
FRU	pmx		
comp=Z,53nm,1.8s,mb5.3			
FRU	MLR		
comp=Z,8um,15.0s,MS5.8			
KSH	P	06 46 20.4	+0.7
KSH	Kashi	48.09 293	
KSH	AP	06 46 35.1	+9.0
KSH	eP	06 48 09.4	-2.4
KSH	S	06 53 11.8	-5.3
KSH	SCS	06 56 07.6	-4.1
KSH	AMB		
comp=Z,62nm,0.4s,mb6.0			
KSH	AMB		
comp=Z,675nm,4.0s			
KSH	LR		
comp=Z,3um,10.4s,MS5.6			
PPLA	P	06 46 19.8	+0.3
PPLA	Purkeypile	48.11 35	
comp=Z,629nm,0.9s			
AAK	P	06 46 20.2	-0.4
AAK	Ala-Ata	48.21 297	
comp=Z,76nm,0.8s,mb5.8,SNR=6.1			
VOSK	P	06 46 19.1	-1.5
VOSK	Vostochnaya	48.23 311	
comp=Z,82nm,1.3s,mb5.6			
KDAD	P	06 46 20.2	-0.8
KDAD	Kodiak Island	48.30 42	
comp=Z,104nm,1.0s,mb5.8			
KDAD	LR		
comp=Z,385nm,19.0s,MS4.4			
KDAD	P	06 46 20.1	-1.0
KDAD	Kodiak Island	48.30 42	
comp=Z,72nm,0.9s,mb5.7,baz=303,slow=2.5,SNR=40			
KDAD	P	06 47 48.0	+0.4
comp=Z,42nm,0.8s,baz=195,slow=1.8,SNR=5.0			
BVAR	P	06 46 22.3	-0.6
BVAR	Borovoye Array	48.53 312	
comp=Z,24nm,1.0s,mb5.2,baz=86,slow=7.7,SNR=38			
BVAR	P	06 47 48.8	+0.3
comp=Z,24nm,0.6s,baz=86,slow=2.8,SNR=18			
BVAR	P	06 46 22.3	-0.6
BVAR	Borovoye Array	48.53 312	
BVAR	eP	06 47 48.8	
BVAR	pmx		
comp=Z,24nm,1.0s			
PTH	P	06 46 23.0	-0.5
PTH	Pithoragarh	48.57 279	
BRVK	P	06 46 22.	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like H08A Prairie City, O02C Red Bluff, B13A Whitefish, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MSO Missoula, FARB Farallon Island, O05C Quincy, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like WAR Warsaw, EGAT Eagleton, EGMT Eagleton, etc.

16d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KWP, KPW, KWA, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR, DCIDI, N13A, etc.

520

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC, Q13A, R12A, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MPU, U1A, BUD, BZS, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like KSB, KHC, KHC, KHC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like STIP, SOKA, GLA, GLA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MVCO Mesa Verde, MOTA Moosalm, X16A Lo Mia Camp, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TUC Tucson, SIVA Sivas, ITM Anninata, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MBDF Montbardon, MBDP Montbardon, MSEY Mahe Island, etc.

Table with columns: AAM, Ann Arbor, 91.76, 30, eP, P, 06 50 48.3 +0.5, etc. Lists various stations and their details.

Table with columns: PLAL, Pickwick Lake, 95.90, 37, eP, P, 06 51 06.4 -0.5, etc. Lists various stations and their details.

Table with columns: MAW, Mawson, 118.98, 205, eP, PKP, 06 56 28.0 +0.5, etc. Lists various stations and their details.

IDC 16:06:42:40.5:2.0, 719S-12593E, h0km, mb3.7/1, mb1 3.7/5, mb1mx3.6/16, mbtmp3.6/5, ML3.4/4, Error ellipse: s-maj=67.1km s-min=25.8km az=59.0, Banda Sea

IDC 16:06:44:23.8:18.0, 2270S-17390W, h0km, mb4.3/5, mb1 4.4/5, mb1mx4.0/19, mbtmp4.3/5, MS4.1/2, Ms1 4.1/2, ms1mx3.3/32, Error ellipse: s-maj=336.5km s-min=146.0km az=82.0, Tonga Islands region

NEIC 16:06:53:39.4, 3146Sx7196W, h6km, ML3.5(GUC), After GUC 16:06:53:39.4, 0.7, 3146S-7196W, h6km, 2km, MD4.0, ML3.5, ID, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Los Chungos, Tololo Astrono, La Serena, Jahuel, Peidehue, Cerro Calan, Farellones, Antumapu, Pirque, Las Campanas, Las Melosas, etc.

ICD 16 07:00:25.6:1.2, 3753N-13866E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.4/22, mbtmp3.5/4, ML4.0/1, MS3.3/1, Ms1 3.3/1, ms1mx2.9/35, Error ellipse: s-maj=25.5km s-min=12.4km az=106.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Izumoaki, Hiroka, Nakama, Sasagawa, Sado, Yanaizu, Katashina, Matsushiro, etc.

ICD 16 07:12:02.5:1.7, 476S-14445E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.9/15, mbtmp3.9/5, ML3.8/1, Error ellipse: s-maj=71.5km s-min=26.0km az=93.0

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

ICD 16 07:24:40.7:33.0, 220N-9312W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.7/18, mbtmp3.5/3, Error ellipse: s-maj=298.2km s-min=247.7km az=145.0, Galapagos Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lajitas Arr, Mima Spray Bea, Pinedale Arr, etc.

ICD 16 07:24:53.3:10.0, 2376S-17970E, h498km, 85km, mb3.0/7, mb1 3.1/8, mb1mx3.0/19, mbtmp3.1/8, Error ellipse: s-maj=109.4km s-min=20.6km az=47.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Mima Spray Bea, Rata Peaks, Charters Tower, Stephens Creek, Alice Springs, Warramunga Arr, etc.

Table with columns: FITZ, FITZROY CROSSI, VANDA, TORO, etc. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Izumoaki, Hiroka, Nakama, Sasagawa, Sado, Yanaizu, Katashina, Matsushiro, etc.

CSEM 16 07:47:22.3:0.6, 4150N-089W, h0km, ML4.8/1, Error ellipse: s-maj=5.8km s-min=4.9km az=93.0, After MDD, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Horta de San J, Alkruntz, Torete, Mosqueruela, Bielsa, Oroz-Betelu, EPOB, EALB, etc.

MOS 16 07:52:12.3:1.0, 5548N-11035E, h9km, mb4.7/3, Error ellipse: s-maj=14.3km s-min=7.3km az=60.8

ICD 16 07:52:12.1:1.9, 5543N-11061E, h0km, mb3.8/4, mb1 3.0/1, ms1mx2.4/33, Error ellipse: s-maj=39.1km s-min=23.6km az=96.0

BYKL 16 07:52:13.4:0.2, 5541N-11037E, h4km, 14km, MLV=3.3

NEIC 16 07:52:13.7:1.0, 5548N-11044E, h7km, 7km, Error ellipse: s-maj=8.7km s-min=6.2km az=164.0

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

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

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

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

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

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

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

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

BYKL 16 07:52:13.4:0.2, 5541N-11037E, h4km, 14km, MLV=3.3

NEIC 16 07:52:13.7:1.0, 5548N-11044E, h7km, 7km, Error ellipse: s-maj=8.7km s-min=6.2km az=164.0

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

BYKL 16 07:52:13.4:0.2, 5541N-11037E, h4km, 14km, MLV=3.3

NEIC 16 07:52:13.7:1.0, 5548N-11044E, h7km, 7km, Error ellipse: s-maj=8.7km s-min=6.2km az=164.0

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

BYKL 16 07:52:13.4:0.2, 5541N-11037E, h4km, 14km, MLV=3.3

NEIC 16 07:52:13.7:1.0, 5548N-11044E, h7km, 7km, Error ellipse: s-maj=8.7km s-min=6.2km az=164.0

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

BYKL 16 07:52:13.4:0.2, 5541N-11037E, h4km, 14km, MLV=3.3

NEIC 16 07:52:13.7:1.0, 5548N-11044E, h7km, 7km, Error ellipse: s-maj=8.7km s-min=6.2km az=164.0

ICD 16 07:52:12.9:0.3, 5532N-11045E-004, h10km, n62, o172/113, mb3.9/4, 4C-2D, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like TKM2 Tokmak 2, AML Almayashu, KDAD Kodiak Island, etc.

ISCJB 16 08:28:12.6:3.3, 2814N.005:1420E.02, h17km, 24km, mb4.2/14, Error ellipse: s-maj=23.2km s-min=8.3km az=173.9

NEIC 16 08:28:12.9:7.0, 2816N.14209E, h8km, 43km, mb4.8/1, Error ellipse: s-maj=19.5km s-min=9.8km az=100.0

ISC 16 08:28:14.7:4.8, 2811N.005:1421E.02, h19km, 30km, n26, az=87.72, mb4.2/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like CBJJ Chichi jima, MJAR Matsushiro Arr, JOW Kunigami, etc.

ISC 16 08:35:58.2:4.8, 3741N:13844E, h0km, mb3.4/1, mb1.3/6.2, mb1mx3.2/22, mbtmp3.6/2, ML3.3/1, Error ellipse: s-maj=30.0km s-min=18.6km az=85.0

ISCJB 16 08:35:59.0:5.3, 3741N.003:13847E.04, h28km, 6km, Error ellipse: s-maj=5.5km s-min=4.7km az=161.7

JMA 16 08:36:00.2:0.5, 3741N.003:13847E.04, h18km, 2km, Error ellipse: s-maj=5.5km s-min=4.7km az=161.7

ISC 16 08:36:00.2:0.5, 3741N.003:13847E.04, h19km, 4km, n12, az=78/21, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like JIZZ Izumozaki, JJJN Nakama, JJKH Hiroka, etc.

NIED 16 08:42:00, 3740N:13860E, h5km, Mw3.5 Best double couple: M2.09000x1014 NP1.309.00000, 378.00000, 3.37.00000, NP2.300.00000, 354.00000, 1.66.00000, ISCJB 16 08:42:25.2:0.5, 3741N.003:13857E.005, h26km, 6km, Error ellipse: s-maj=7.0km s-min=5.5km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like JIZZ Izumozaki, JJKH Hiroka, JSD Sado, etc.

DJA 16 08:47:20.0415:2.1485E, h10km, ML4.4/2, mb1 4.3/4, mb1mx4.1/12, mbtmp3.8/4, MS3.6/2, Ms1 3.6/2, Error ellipse: s-maj=63.8km s-min=18.9km az=52.0, Southern Molucca Sea

ISC 16 08:16:13.9:7.0, 4116S.9111W, h0km, mb3.8/4, mb1 4.3/4, mb1mx4.1/12, mbtmp3.8/4, MS3.6/2, Ms1 3.6/2, s-min=30.0km az=93.0, Southeast of Easter Island

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

BER 16 09:16:46.3:3.0, 5929N:2724E, h0km, ML2.1(NAO), Suspected explosion

NAO 16 09:16:46.6:2.3, 5931N:2704E, ML2.1

HEL 16 09:16:47.0:2.2, 5929N:2710E, h0km, ML1.8, ML2.1(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

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

ISC 16 09:19:00, 3740N:13860E, h5km, Mw4.1 Best double couple: M0.138000x1015 NP1.76.00000, 370.00000, 3.93.00000, NP2.302.48.00000, 320.00000, 1.83.00000, ISCJB 16 09:19:45.9:0.7, 3735N.003:13849E.004, h14km, 5km, mb4.0/11, MS3.4/2, Error ellipse: s-maj=5.2km s-min=4.8km az=154.1

JMA 16 09:19:46.1, 3737N:13854E, h22km, 1km, M4.4 Broadband fault plane solution: P waves, NP1:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like HFS Hagfors, NB2 NORSTAR Subarra, ARAO ARCESS Array S, etc.

JMA Felt III J, IDC 16 09:19:47.0:2.9, 3734N:13826E, h13km, 19km, mb3.8/8, mb1 4.0/10, mb1mx3.9/22, mbtmp3.8/10, ML2.8/2, MS3.4/3, Ms1 3.4/3, ms1mx2.8/27 Error ellipse: s-maj=23.5km s-min=13.3km az=88.0

NEIC 16 09:19:48.0:5.0, 3724N:13832E, h35km, mb4.2/1, MW4.0(NIED), Error ellipse: s-maj=14.1km s-min=10.0km az=110.0

NEIC Recorded (3 JMA) in Niigata Prefecture, ISC 16 09:19:46.3:0.5, 3735N.003:13852E.004, h8km, 4km, n29, az=95/37, mb4.0/11, MS3.4/2, 5C, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like JIZZ Izumozaki, JJKH Hiroka, JSD Sado, etc.

ASAJ comp=2.151nm, 19.9s, baz=175, slow=38, LR 09 24 43.7

JNU Nakatsu 7.54 238 Pn 09 21 35.6 -0.9

KSR5 Korea Array 8.43 274 Pn 09 21 51.0 +2.2

SONM Songino Array 25.69 304 P 09 25 16.2 -0.4

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

WRA Warramunga Arr 57.12 185 P 09 29 32.5 +0.8

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

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ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

ASAR Alice Springs 60.85 185 P 09 29 58.4 -0.7

s-min=31.8km az=166.0, Mid-Indian Ridge

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
NWAO	Narrogin (SRO)	31.91	98	LR	LR	09	54	52.4			
ASAR	Alice Springs	48.90	92	P	P	09	48	33.0	+0.7		
WRA	Warrungarra Arr	50.98	88	P	P	09	48	47.7	-0.5		
VNDA	Vanda	54.75	165	P	P	09	49	14.1	-1.1		
QSPA	South Pole Qui	55.26	180	P	P	09	49	20.2	+1.3		
KSR5	Korea Arr	85.27	37	LR	LR	10	31	59.0			
TORD	Torodi Arr	86.81	288	P	P	09	52	32.3	0.0		
TORD	Dimpok	85.27	37	LR	LR	10	31	53.9			
DBIC	Comp-Z, 119nm, 18.8s, baz=109, slow=35					10	31	07.3			

ISC 16 09:43:03.9±1.0, 3460S-7850E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.3/17, mbtmp3.8/6, MS3.6/1, Ms1 3.8/1, ms1mx3.3/17, Error ellipse: s-maj=31.9km s-min=28.9km az=70.0, Mid-Indian Ridge

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
ASAR	Alice Springs	49.07	93	P	P	09	51	52.6	-0.5		
WRA	Warrungarra Arr	51.14	89	P	P	09	52	10.0	+1.2		
VNDA	Vanda	55.07	165	P	P	09	52	37.0	0.0		
QSPA	South Pole Qui	55.25	180	P	P	09	52	40.2	-0.2		
CMAR	Chiang Mai Arr	56.24	24	LR	LR	10	14	04.7			
MKAR	Makanchi Array	81.10	3	P	P	09	55	19.8	-0.7		
TORD	Torodi Arr	86.81	288	P	P	09	55	51.4	+0.9		

ISC 16 09:48:60.0±2.8, 3750N-13887E, h0km, mb3.3/1, mb1 3.6/2, mb1mx3.2/22, mbtmp3.3/2, ML3.1/1, Error ellipse: s-maj=49.3km s-min=22.1km az=115.0, ISCJB 16 09:49:03.2±0.4, 3750N-003-136.17E-004, h28km, 5km, Error ellipse: s-maj=5.5km s-min=4.3km az=28.5, JMA 16 09:49:03.5±0.1, 3752N-13871E, h26km, 1km, M2.8 JMA Felt J1

ISC 16 09:49:03.4±0.4, 3751N-003-13871E-004, h25km, 4km, n15, ±0.60/27, Near west coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
JIZZ	Izumoazaki	0.02	355	P	P	09	49	07.7	0.0		
JJZZ	Hiroka	0.35	137	S	Sb	09	49	11.1	-0.1		
JHK	Hiroka	0.35	137	S	Sb	09	49	11.1	-0.1		
JHK	Hiroka	0.35	137	S	Sb	09	49	15.0	+0.2		
JNS	Sasagawa	0.57	57	P	P	09	49	20.3	+0.4		
JNS	Sasagawa	0.57	57	P	P	09	49	20.3	+0.4		
JNN	Nakama	0.60	227	S	Sb	09	49	15.1	-0.1		
JNN	Nakama	0.60	227	S	Sb	09	49	24.3	+1.1		
JSD	Sado	0.64	326	P	P	09	49	15.3	-0.7		
JSD	Sado	0.64	326	P	P	09	49	23.8	-0.7		
JFY	Yanaizu	0.80	97	P	P	09	49	18.6	0.0		
JFY	Yanaizu	0.80	97	P	P	09	49	29.3	+0.3		
JKT	Katashina	0.85	150	S	Sb	09	49	19.2	-0.4		
JKT	Katashina	0.85	150	S	Sb	09	49	30.6	0.0		
JAW	Awa shima	1.04	24	P	P	09	49	22.0	-0.4		
JAW	Awa shima	1.04	24	P	P	09	49	36.3	+0.4		
MAT	Matsushiro	1.04	203	P	P	09	49	22.0	-0.5		
MAT	Matsushiro	1.04	203	P	P	09	49	35.4	-0.7		
MAT	Matsushiro	1.04	203	P	P	09	49	42.1	-0.4		
MAT	Matsushiro	1.04	203	P	P	09	49	35.3	-0.8		
MJAR	Matsushiro Arr	1.04	203	Pg	Pg	09	49	22.0	-0.5		
MJAR	Matsushiro Arr	1.04	203	Pg	Pg	09	49	35.4			
JSZ	Suzu	1.07	267	P	P	09	49	21.9	-1.0		
JSZ	Suzu	1.07	267	P	P	09	49	36.6	+0.4		
JTT	Ttateyama	1.42	231	P	P	09	49	28.1	+0.4		
JTT	Ttateyama	1.42	231	P	P	09	49	46.8	+1.1		
KSR5	Korea Array	85.27	37	eS	eS	09	51	07.5	+1.5		
WRA	Warrungarra Arr	57.29	185	P	P	09	58	49.2	+0.2		

ISCJB 16 09:54:31.8±1.0, 57N-01-124.4E-02, h477km, 16km, mb3.8/8, Error ellipse: s-maj=34.1km s-min=14.3km az=157.2

ISC 16 09:54:33.6±2.0, 566N-124.40E, h473km, 19km, mb3.4/7, mb1 3.6/9, mb1mx3.3/22, mbtmp3.6/9, Error ellipse: s-maj=43.3km s-min=11.4km az=63.0

NEIC 16 09:54:34.0±2.5, 564N-124.28E, h481km, 30km, mb4.4/3, Error ellipse: s-maj=33.4km s-min=10.7km az=57.0

ISC 16 09:54:32.9±1.0, 57N-01-124.4E-02, h469km, 15km, n12, ±0.63/14, mb3.8/8, 1D, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
TBP	Tagbilaran	4.00	352	eP	eP	09	55	48.9	-0.4		
KAPI	Kappang	11.61	204	P	P	09	57	07.9	+0.3		
BATI	Baunata	15.82	183	P	P	09	57	52.3	-0.1		
FITZ	Fitzroy Crossi	23.68	177	P	P	09	59	06.3	-0.2		
WRAB	Tennant Creek	27.29	159	eP	eP	09	59	38.5	0.0		
WRA	Warrungarra Arr	27.29	159	P	P	09	59	38.4	-0.2		
WRA	Warrungarra Arr	27.29	159	P	P	10	03	42.0	-2.2		
WRA	Warrungarra Arr	27.29	159	P	P	10	05	39.5	+0.2		
WB2	Warrungarra Arr	27.29	159	eP	eP	09	59	38.3	-0.3		
CMAR	Chiang Mai Arr	27.80	299	P	P	09	59	43.3	-0.5		
ASAR	Alice Springs	30.63	163	P	P	10	00	08.2	+0.6		
ASAR	Alice Springs	30.63	163	P	P	10	04	35.9	-0.2		
ASAR	Alice Springs	30.63	163	P	P	10	05	50.0	+0.8		
NWAO	Narrogin (SRO)	39.01	190	P	P	10	01	17.9	-0.9		
STKA	Stephens Creek	40.81	157	P	P	10	01	33.9	+1.5		
MKAR	Makanchi Array	54.62	326	P	P	10	03	16.6	+0.4		

NIED 16 09:58:00, 3740N, 13850E, h5km, Mw3.6. Best double couple: M2=95000±1014, NP1=420000±8490000, 1.97, 0.0000°; NP2=211.0000°; 8.41, 0.0000°; 8.41, 0.0000°.

ISCJB 16 09:58:16.2±0.5, 3743N-003-13847E-003, h424km, 8km, Error ellipse: s-maj=5.3km s-min=4.1km az=143.0

JMA 16 09:58:16.1±0.1, 3744N-13846E, h21km, 2km, M3.1 JMA Felt J1

ISC 16 09:58:16.2±0.5, 3743N-003-13847E-003, h23km, 9km, n12, ±0.53/24, Near west coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
JIZZ	Izumoazaki	0.22	62	S	Sb	09	58	21.6	-0.2		
JIZZ	Izumoazaki	0.22	62	S	Sb	09	58	26.2	+0.5		
JNN	Nakama	0.41	217	P	P	09	58	24.7	0.0		
JNN	Nakama	0.41	217	P	P	09	58	31.1	+0.6		
JHK	Hiroka	0.47	112	P	P	09	58	24.7	-1.2		
JHK	Hiroka	0.47	112	P	P	09	58	32.2	-0.3		
JSD	Sado	0.63	345	P	P	09	58	27.8	-0.7		
JSD	Sado	0.63	345	P	P	09	58	36.7	-0.1		
JNS	Sasagawa	0.78	60	P	P	09	58	30.9	-0.1		
JNS	Sasagawa	0.78	60	P	P	09	58	41.9	+0.7		
JSZ	Suzu	0.88	272	P	P	09	58	32.0	-0.7		
JSZ	Suzu	0.88	272	P	P	09	58	43.9	-0.1		
MAT	Matsushiro	0.91	193	P	P	09	58	32.6	-0.6		

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
MAT	Matsushiro	0.91	193	P	P	09	58	45.0	+0.1		
MAT	Matsushiro	0.91	193	P	P	09	58	32.6	-0.6		
KAT	Katashina	0.91	136	P	P	09	58	44.5	-0.4		
JKT	Katashina	0.91	136	P	P	09	58	32.9	-0.4		
JFY	Yanaizu	0.99	91	P	P	09	58	45.2	+0.3		
JFY	Yanaizu	0.99	91	P	P	09	58	34.2	-0.3		
JAW	Awa shima	1.20	31	P	P	09	58	47.4	+0.3		
JAW	Awa shima	1.20	31	P	P	09	58	37.4	-0.1		
JTT	Ttateyama	1.23	228	P	P	09	58	53.8	+0.6		
JTT	Ttateyama	1.23	228	P	P	09	58	38.6	-0.8		
JTT	Ttateyama	1.23	228	P	P	09	58	54.9	+0.9		

ISCJB 16 10:01:09.5±1.1, 738S-007-7477W-0.10, h141km, 18km, mb3.8/4, Error ellipse: s-maj=16.4km s-min=10.0km az=160.3

NEIC 16 10:01:10.9±1.0, 733S-7478W, h136km, 11km, mb4.3/1, Error ellipse: s-maj=16.4km s-min=8.8km az=88.0

IDC 16 10:01:10.3±1.9, 730S-7479W, h136km, 22km, mb3.7/5, mb1 3.7/10, mb1mx3.4/24, mbtmp3.6/10, Error ellipse: s-maj=21.3km s-min=16.0km az=96.0

ISC 16 10:01:11.3±1.1, 735S-005-748W-0.1, h144km, 20km, n17, ±0.65/19, mb3.8/4, Peru-Brazil border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
ATAH	Atahualpa	3.54	275	Op	ISC	10	02	05.0	-0.4		
ATAH	Atahualpa	3.54	275	Op	ISC	10	02	47.6	+0.3		
NNA	Nana	5.01	203	P	P	10	02	24.4	-0.3		
NNA	Nana	5.01	203	P	P	10	03	17.5	-4.6		
OTAV	Otavalo	8.35	34	eP	P	10	03	09.2	-0.3		
SIV	San Ignacio	15.98	124	P	P	10	04	47.5	-0.6		
SIV	San Ignacio	15.98	124	P	P	10	07	36.7	-1.0		
LVC	Limon Verde	16.21	160	P	P	10	04	52.5	+1.5		
SDV	Santo Domingo	16.67	15	P	P	10	04	57.0	+0.4		
SDV	Santo Domingo	16.67	15	P	P	10	08	02.6	+0.4		
PCRV	Puerto La Cruz	20.16	30	P	P	10	05	35.0	+0.4		
CFAA	Coronel Fontan	24.91	167	P	P	10	06	21.3	+0.3		
CFAA											

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDCO Great Sand Dun, Y18A Canyon Day Jun, X19A St. Johns, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDCO Great Sand Dun, Y18A Canyon Day Jun, X19A St. Johns, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACX Acapulco, PLIG Platanillo, UTMTO Huajuapán, etc.

MS3-4.9, Error ellipse: s-maj=9.0km s-min=7.8km az=19.4
 IDC 16 13:22:12.3.0.7, 8040N, 199W, h0km, ML3.4/2, M3.4/16, mb1 3.3/14, mb1mx3.7/26, mbtm3.6/14, ML3.4/22, MS3.4/13, Ms1 3.3/13, ms1mx3.1/37, Error ellipse: s-maj=19.8km s-min=13.4km az=39.0
 NEIC 16 13:22:13.5.0.7, 8040N, 199W, h10km, Error ellipse: s-maj=11.5km s-min=9.2km az=176.0
 CSEM 16 13:22:14.9.0.4, 8028N, 283W, h35km, 2km, ML2.5, Error ellipse: s-maj=10.3km s-min=3.5km az=142.0
 ISC 16 13:22:13.8.0.5, 8039N, 006.19W, 03, h10km, n44, f1502/44, mb3.7/11, MS3.4/9, 2C-2D, North of Svalbard

Code	Station Name	° AZ	Phase ID	Time Res	ISC	h m s	ISC
KBS	Kingsbay	2.89	114 eP	13 22 58.2	-1.5		
KBS	Kingsbay	2.89	114 eP	13 22 58.1	-1.6		
KBS	Kingsbay	2.89	114 eS	13 23 30.0	-4.3		
KBS	Kingsbay	2.89	114 eP	13 22 58.2	-1.5		
KBS	Kingsbay	2.89	114 eP	13 23 30.0	-4.4		
SPB4	Spitsbergen Ar	4.04	114 fPn	13 23 14.9	-0.7		
SPB4	Spitsbergen Ar	4.04	114 fPn	13 23 14.9	-0.7		
SPA0	Spitsbergen Ar	4.05	114 Pn	13 23 14.9	-0.7		
SPA0	Spitsbergen Ar	4.05	114 Pn	13 23 14.9	-0.7		
SPA0	Spitsbergen Ar	4.05	114 Pn	13 23 14.9	-0.7		
SPITS	Spitsbergen Ar	4.05	114 Pn	13 23 14.8	-0.8		
SPITS	Spitsbergen Ar	4.05	114 Pn	13 23 59.0	-4.0		
SPITS	Spitsbergen Ar	4.05	114 Pn	13 23 14.8	-0.8		
DAG	Danmarks Havn	4.91	231 eP	13 24 17.3	-2.9		
DAG	Danmarks Havn	4.91	231 eP	13 24 17.3	-2.9		
DAG	Danmarks Havn	4.91	231 eP	13 23 24.6	-2.9		
DAG	Danmarks Havn	4.91	231 eP	13 24 17.3	-2.9		
JMW	Jan Mayen West	9.54	193 eP	13 24 30.8	-0.1		
JMIC	Jan Mayen	9.59	193 eP	13 24 31.0	-0.5		
JMI	Jan Mayen	9.65	194 eP	13 24 32.0	-0.5		
JMU	Jan Mayen	9.60	246 ePn	13 24 51.1	-3.8		
ARAO	ARCES Array S	12.77	133 Pn	13 25 15.2	+0.2		
ARAO	ARCES Array S	12.77	133 Pn	13 25 15.1	+0.1		
ARCES	ARCES Array B	12.77	133 Pn	13 25 14.7	+0.3		
ARCES	ARCES Array B	12.77	133 Pn	13 29 54.2	-1.0		
ARCES	ARCES Array B	12.77	133 Pn	13 25 14.6	-0.4		
SFUD	Kangerlussuaq	18.20	251 LR	13 33 41.3			
NB2	NORSAR Subarra	19.81	161 Pn	13 26 48.0	+2.5		
NB2	NORSAR Subarra	19.81	161 Pn	13 26 48.2	+2.7		
NOA	NORSAR Array B	19.81	161 Pn	13 26 49.4	-0.6		
NOA	NORSAR Array B	19.81	161 Pn	13 33 12.4			
FAIO	FINES Array S	20.63	140 P	13 26 54.8	+1.9		
HFS	Hafgors	20.86	158 P	13 26 56.6	+1.2		
HFS	Hafgors	20.86	158 P	13 26 55.8	+0.4		
INK	Inuivik	29.12	325 P	13 28 13.1	-1.0		
GERES	GERES Array B	32.11	161 LR	13 40 42.7			
SCHO	Schefferville	32.31	259 LR	13 41 33.1			
YKA	Yellowknife Ar	32.55	307 LR	13 41 40.6			
AKTK	Aktuyubinsk	35.73	109 P	13 29 12.7	+0.7		
AKTK	Aktuyubinsk	35.73	109 P	13 29 12.6	+0.6		
AKTK	Aktuyubinsk	35.73	109 P	13 29 12.7	+0.7		
AKTK	Aktuyubinsk	35.73	109 P	13 29 12.7	+0.7		
ESDC	Sonsec Array	40.85	182 P	13 29 55.4	+0.2		
ULM	Lac du Bonnet	41.56	285 LR	13 47 29.1			
MKAR	Makanchi Array	43.29	86 P	13 30 16.4	+1.5		
MKAR	Makanchi Array	43.29	86 P	13 53 21.9			
SOMM	Songino Array	43.34	344 Pn	13 30 36.8	-0.8		
SOMM	Songino Array	43.34	344 Pn	13 51 28.4			
PETK	Petrozavsksk	46.25	17 P	13 30 37.9	-0.6		
PDAR	Pinedale Array	51.00	295 P	13 31 16.7	+1.5		
PDAR	Pinedale Array	51.00	295 P	13 53 03.0			
NVAR	Mina Array	55.54	303 P	13 31 56.3	+0.5		
TXAR	Lajitas Array	63.23	287 P	13 32 41.5	+0.3		
TXAR	Lajitas Array	63.23	287 P	14 00 28.7			
TORD	Tordi Ar	67.28	176 P	13 33 08.1	-0.2		
CMAR	Chiang Mai Arr	73.72	75 eP	13 33 47.8	+0.3		
ASAR	Alice Springs	120.25	48 PKP	13 41 03.0	-1.2		
ASAR	Alice Springs	120.25	48 PKP	13 41 03.0	-1.2		
IDC 16 13:34:33.4.7.7, 242N-12578E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/16, mbtm3.6/3, Error ellipse: s-maj=194.7km s-min=120.7km az=71.0, Talaud Islands							
WRA	Warramunga Arr	23.76	160 P	13 49 38.5	+0.7		
ASAR	Alice Springs	27.11	163 P	13 40 19.4	+1.2		
STKA	Stephens Creek	37.27	157 P	13 41 45.5	-1.7		
IDC 16 13:42:23.8.1.0, 1511N-12052E, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/19, mbtm3.9/6, Error ellipse: s-maj=56.0km s-min=19.9km az=64.0							
NEIC 16 13:42:25.2.0.7, 1507N, 12040E, h10km, mb4.1/1, Error ellipse: s-maj=24.8km s-min=12.3km az=50.0							
NEIC Felt (II PIVS) at Olongapo.							
ISC 16 13:42:30.9.0.6, 1512N, 004.1, 1987E, 0.06, h52km, 8km, mb4.0/6, Error ellipse: s-maj=9.7km s-min=5.7km az=163.5							
MAN 16 13:42:30, 1510N, 11983E, h29km, mb4.8, ML3.7, MS3.7 MAN INTENSITY II - OROONGAPO CITY							
ISC 16 13:42:32.1.0.6, 1514N, 004.1, 11990E, 0.06, h46km, 9km, n27, f1010/31, mb4.0/6, 1C-3D, Luzon							
Code Station Name	° AZ	Phase ID	Time Res	ISC	h m s	ISC	
WRA	Warramunga Arr	23.76	160 P	13 49 38.5	+0.7		
ASAR	Alice Springs	27.11	163 P	13 40 19.4	+1.2		
STKA	Stephens Creek	37.27	157 P	13 41 45.5	-1.7		
IDC 16 13:42:23.8.1.0, 1511N-12052E, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/19, mbtm3.9/6, Error ellipse: s-maj=56.0km s-min=19.9km az=64.0							
NEIC 16 13:42:25.2.0.7, 1507N, 12040E, h10km, mb4.1/1, Error ellipse: s-maj=24.8km s-min=12.3km az=50.0							
NEIC Felt (II PIVS) at Olongapo.							
ISC 16 13:42:30.9.0.6, 1512N, 004.1, 1987E, 0.06, h52km, 8km, mb4.0/6, Error ellipse: s-maj=9.7km s-min=5.7km az=163.5							
MAN 16 13:42:30, 1510N, 11983E, h29km, mb4.8, ML3.7, MS3.7 MAN INTENSITY II - OROONGAPO CITY							
ISC 16 13:42:32.1.0.6, 1514N, 004.1, 11990E, 0.06, h46km, 9km, n27, f1010/31, mb4.0/6, 1C-3D, Luzon							
Code Station Name	° AZ	Phase ID	Time Res	ISC	h m s	ISC	
SCZP	Santa Cruz	0.63	1 eP	13 42 44.3	+0.5		
SCZP	Santa Cruz	0.63	1 eP	13 42 53.5	+0.3		
QVPH	Quezon City-P	1.22	113 eS	13 42 52.5	+0.3		
QVPH	Quezon City-P	1.22	113 eS	13 43 08.8	+0.7		
PCPH	Palayan	1.23	70 eP	13 42 51.6	-1.3		
PCPH	Palayan	1.23	70 eP	13 43 06.3	-2.0		
BOLP	Bolinao	1.23	1 eP	13 42 52.6	+0.3		
BCPH	Baguaio City Da	1.23	18 fP	13 42 55.4	+0.3		
BCPH	Baguaio City Da	1.23	18 fP	13 43 13.0	+0.6		

LUBP	Tagaytay City	1.44	166 eP	Pn	13 42 53.7 <th>-2.1</th>	-2.1
LG	Tagaytay City	1.44	166 eP	Pn	13 42 58.0	+2.1
LG	Tagaytay City	1.44	166 eS	Sn	13 43 15.7	+2.1
BALP	Baler	1.72	70 eP	Pn	13 42 59.3	+0.3
POIP	Polillo Island	2.01	102 eP	Pn	13 43 03.8	+0.1
CAUP	Caupang	2.57	46 eP	Pn	13 43 02.7	+1.3
SJMP	San Jose	2.92	156 eP	Pn	13 43 16.0	0.0
APYP	Conner	2.99	25 eP	Pn	13 43 18.6	+1.4
ODI	Odiongan	3.45	143 eP	Pn	13 43 23.4	0.0
ENRP	El Nido	3.94	187 eP	Pn	13 43 29.3	-0.8
PVIC	Piranc	4.40	110 eP	Pn	13 43 36.2	+0.3
CUYO	Cuyo Island	4.78	130 eP	Pn	13 43 41.7	+0.4
QIZ	Quinzon	10.36	293 ePn	Pn	13 44 59.0	+0.7
CMAR	Chiang Mai Arr	20.33	282 P	Pn	13 47 08.6	+4.0
SONM	Songino Array	34.46	344 P	Pn	13 49 16.7	+1.2
WRAB	Tennant Creek	37.64	157 eP	Pn	13 43 38.2	-4.8
WRAB	Tennant Creek	37.64	157 eP	Pn	13 49 38.5	-4.4
ASAR	Alice Springs	40.93	160 P	Pn	13 50 06.5	-3.9
RER	Riviere de l'E	77.25	47 eP	Pn	13 53 55.9	+1.0
ARCES	ARCES Array B	75.47	339 eP	Pn	13 54 21.6	-0.8
NB2	NORSAR Subarra	85.63	332 P	Pn	13 55 03.9	-1.8
NOA	NORSAR Array B	85.63	332 P	Pn	13 55 04.3	-1.4
PV01	Paradox Valley	110.20	39 ePKP	Pn	14 00 57.3	-2.1

ISCJB 16 13:45:10.0.0.4, 4851N-002.755E, 0.03, h10km, Error ellipse: s-maj=3.7km s-min=2.8km az=136.2
 CSEM 16 13:45:11.0.0.0, 4849N, 759E, h10km, ML2.5/6, Error ellipse: s-maj=1.0km s-min=0.7km az=126.0
 NEIC 16 13:45:11.2, 4849N, 758E, h10km, ML2.5(LDG), ML2.1(STR), After LDG.

STR 16 13:45:11.0.0.2, 4851N, 758E, h10km, M2.1, Error ellipse: s-maj=2.0km s-min=0.8km az=0.0
 LDG 16 13:45:11.2, 4849N, 758E, h10km, M2.0/3, M2.5/5, Error ellipse: s-maj=2.1km s-min=1.5km az=132.0
 ISC 16 13:45:11.0.0.4, 4850N-002.756E, 0.03, h10km, n21, f078/242, France

Code	Station Name	° AZ	Phase ID	Time Res	ISC	h m s	ISC
PDF	Champ du Feu	0.21	245 eP	13 45 15.7	+0.4		
PDF	Champ du Feu	0.21	245 eP	13 45 19.1	+0.9		
PDF	Champ du Feu	0.21	245 eP	13 45 15.7	+0.4		
PDF	Champ du Feu	0.21	245 eP	13 45 19.1	+0.9		
ECH	Ecbery	0.39	223 Pg	13 45 18.9	+0.3		
ECH	Ecbery	0.39	223 Pg	13 45 24.6	+0.8		
LANF	Langenberg	0.51	19 P	13 45 20.7	-0.1		
LANF	Langenberg	0.51	19 P	13 45 28.1	+0.6		
FELD	Feldberg im Sc	0.69	154 Pg	13 45 23.7	+0.5		
FELD	Feldberg im Sc	0.69	154 Pg	13 45 35.5	+2.1		
HINF	Hinterfeld	0.83	215 eP	13 45 26.9	-0.1		
HINF	Hinterfeld	0.83	215 eP	13 45 38.1	+0.3		
HINF	Hinterfeld	0.83	215 eP	13 45 26.9	-0.1		
HINF	Hinterfeld	0.83	215 eP	13 45 38.1	+0.3		
SPAK	Spaichingen-Ko	0.91	116 Pg	13 45 28.3	-0.2		
SPAK	Spaichingen-Ko	0.91	116 Pg	13 45 40.2	+0.1		
HAU	Haudompre	0.95	239 eP	13 45 29.3	+0.2		
HAU	Haudompre	0.95	239 eP	13 45 41.5	0.0		
HAU	Haudompre	0.95	239 eP	13 45 29.3	+0.2		
HAU	Haudompre	0.95	239 eP	13 45 41.5	0.0		
THEF	They Montfort	1.08	256 Pg	13 45 32.3	+0.6		
THEF	They Montfort	1.08	256 Pg	13 45 47.4	+1.6		
RUP	Ruppelstein	1.25	345 Pg	13 45 34.7	-0.1		
RUP	Ruppelstein	1.25	345 Pg	13 45 51.2	+0.2		
TOD	Tromm	1.38	36 Pg	13 45 36.8	-0.6		
TOD	Tromm	1.38	36 Pg	13 45 55.3	+0.1		
RFYF	Refroy	1.39	276 eP	13 45 37.4	-0.2		
RFYF	Refroy	1.39	276 eP	13 45 57.7	+0.1		
RFYF	Refroy	1.39	276 eP	13 45 37.4	-0.2		
RFYF	Refroy	1.39	276 eP	13 45 57.7	+0.1		
SFTF	Sextfontaines	1.71	261 eP	13 45 43.4	-0.3		
SFTF	Sextfontaines	1.71	261 eP	13 45 46.5	-0.2		
SFTF	Sextfontaines	1.71	261 eP	13 45 43.4	-0.3		
SFTF	Sextfontaines	1.71	261 eP	13 45 46.5	-0.2		
CABF	La Chapelle	2.14	208 eP	13 45 50.9	-1.0		
CABF	La Chapelle	2.14	208 eP	13 46 18.4	-1.2		
CABF	La Chapelle	2.14	208 eP	13 45 50.9	-1.0		
CABF	La Chapelle	2.14	208 eP	13 46 18.4	-1.2		
LOR	Lormes	2.78	245 eP	13 46 02.3	-1.9		
LOR	Lormes	2.78	245 eP	13 46 38.8	-1.3		
LOR	Lormes	2.78	245 eP	13 46 02.3			

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like INK, YKA, NVAR, PDAR, SRU, etc.

NEIC 16 14:12:47.1±0.8, 2.89S-3634E, h10km, mb3.9/2, Error ellipse: s-maj=32.3km s-min=13.1km az=120.0

IDC 16 14:12:45.9±0.9, 2.82S-3633E, h0km, mb3.6/6, mb1 3.9/7, s-maj=36.0km s-min=12.0km az=121.0, Tanzania

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KMBO, LSZ, MATP, etc.

NIED 16 14:17:00, 3690N, 13510E, h380km, Mw6.8 Best double couple: M1: 7.000x1019, NP1: 2.70000, 8.79.00000, lambda=1.35.00000, NP2: 2.66.00000, 8.46.00000, lambda=15.00000

DJA 16 14:17:28.37.19N, 135.26E, h283km, Mwp6.6/28, MOS 16 14:17:34.7±0.8, 3684N-134.97E, h339km, mb6.3/172, MS6.1/29, Error ellipse: s-maj=7.5km s-min=4.6km az=100.0

MOS Felt (I) at Yuzhno-Kuril'sk. BGS 16 14:17:35.8±1.1, 3625N-134.04E, h350km, mb6.0

JMA Felt (I) at Misawa, Nantia, Tokyo and Yokosuka. [I] at Yokohama. Felt at Ayase, Daigo, Hamura, Hanamaki, Haramachi, Hitachinaka, Iwaki, Kamagaya, Kashiwa, Kawaguchi, Kikugawa, Kodaira, Konosu, Mitaka, Nara, Nitta, Ofunato, Osaka, Ryugasaki, Sagamihara, Sayama, Sendai, Tachikawa, Tanashi, Tono, Utsunomiya, Yono, Zama and Zushi. Recorded [4 JMA] in the Obihiro area, [3 JMA] in south-central and eastern Hokkaido, [2 JMA] in much of southern Hokkaido and [1 JMA] in northern Hokkaido. Also recorded [3 JMA] in eastern Honshu, [2 JMA] in much of central and northern Honshu and [1 JMA] in parts of southern Honshu. Also recorded [1 JMA] at Hachijo-jima.

SZGRF 16 14:17:37.2, 37.35N-136.33E, h355km, mb6.7, Near west coast of eastern Honshu, Japan

GCMT 16 14:17:37.3±0.1, 36.84N-135.03E, h375km, Mw6.8/113, Moment Tensor Solution. s113,c307; s108,c245; Duration: 6.2 Moment tensor: Scale 1019Nm; M1-0.33; M2-0.97; M3-0.66; M4-0.33; M5-0.81; M6-1.33; Best double couple: M1: 6.000x1019, NP1: 2.87.00000, lambda=1.00000, NP2: 2.25.00000, 8.83.00000, lambda=1.31.00000, Principal axes: T: 1.7200, Plg27.0000, Azm146.0000; N: 0.1700, Plg40.0000, Azm31.0000; P: -1.8900, Plg38.0000, Azm259.0000;

NEIC Felt (III) at Misawa, Nantia, Tokyo and Yokosuka. [II] at Yokohama. Felt at Ayase, Daigo, Hamura, Hanamaki, Haramachi, Hitachinaka, Iwaki, Kamagaya, Kashiwa, Kawaguchi, Kikugawa, Kodaira, Konosu, Mitaka, Nara, Nitta, Ofunato, Osaka, Ryugasaki, Sagamihara, Sayama, Sendai, Tachikawa, Tanashi, Tono, Utsunomiya, Yono, Zama and Zushi. Recorded [4 JMA] in the Obihiro area, [3 JMA] in south-central and eastern Hokkaido, [2 JMA] in much of southern Hokkaido and [1 JMA] in northern Hokkaido. Also recorded [3 JMA] in eastern Honshu, [2 JMA] in much of central and northern Honshu and [1 JMA] in parts of southern Honshu. Also recorded [1 JMA] at Hachijo-jima.

SZGRF 16 14:17:37.2, 37.35N-136.33E, h355km, mb6.7, Near west coast of eastern Honshu, Japan

GCMT 16 14:17:37.3±0.1, 36.84N-135.03E, h375km, Mw6.8/113, Moment Tensor Solution. s113,c307; s108,c245; Duration: 6.2 Moment tensor: Scale 1019Nm; M1-0.33; M2-0.97; M3-0.66; M4-0.33; M5-0.81; M6-1.33; Best double couple: M1: 6.000x1019, NP1: 2.87.00000, lambda=1.00000, NP2: 2.25.00000, 8.83.00000, lambda=1.31.00000, Principal axes: T: 1.7200, Plg27.0000, Azm146.0000; N: 0.1700, Plg40.0000, Azm31.0000; P: -1.8900, Plg38.0000, Azm259.0000;

IGIL 16 14:17:37.4, 36.79N-134.90E, h349km, MS6.3

IDC 16 14:17:38.6±0.4, 36.79N-134.92E, h363km, mb5.7/44, mb1 5.7/49, mb1mx5.7/50, mbtmp3.7/49, Error ellipse: s-maj=5.8km s-min=4.0km az=80.9

ISC 16 14:17:37.7±0.1, 36.87N-134.82E, h349km, h349km, 1.2km, P-P, N2090, 0.85/2037, mb6.1/428, 357C-459D, Sea of Japan

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JKY, JKS, JKG, etc.

Table with columns: JTT, JMJK, JGN, etc. Includes station names like Miki, Niukaw, Suzu, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JMT, JMS, etc.

JNU 1.7nm, 0.3s, baz=339, slow=10, SNR=4.6

JTU 0.2nm, 0.3s, baz=204, slow=19, SNR=1.1

JTSU Tsuno 5.36 212 JIU2 Izumi 2 5.43 219 BSO1 Boso 1 5.47 112 JMK Imnosenoki 5.47 66 JMK Ureshino 5.49 228 JHJ Hachijo jima 2 5.53 311

KRSR Korea Array 5.54 278 394nm, 0.3s, baz=97, slow=11, SNR=444

KRSR baz=123, slow=7.8, SNR=1.4

KRSR 2.0nm, 0.3s, baz=190, slow=0.7, SNR=30

KRSR baz=2.0, slow=1.0, SNR=5.2

KRSR Mitsune 5.55 131 JHJ2 Mitsune 5.52 61 JOMI Takasaki 5.72 61 JNTZ Ohakasaki 5.85 213 JHD Hondo 5.85 223 JNS Nagasaki 5.91 226 JSI2 Shiura 2 6.04 44 JTM Tenmabayashi 6.25 49 JFU Fukue jima 2 6.53 232 JOT Ohta 6.61 45 VLA Vladivostok 6.64 341 VLA Vladivostok 6.64 341

JSJ Shimokoshi 6.68 221 JKC Kuchinoerabu 7.46 212 JMDJ Mudanjiang 8.70 334

ASAJ Asahikawa 9.35 37 comp=2.2um, 0.3s, baz=236, slow=16, SNR=1719

CN2 Changchun 9.96 317

SNY Shenyang 10.02 303

SNY comp=2.4um, 2.3s

SNY comp=2.5um, 3.5s

SNY comp=N, 511um, 12.6s

SNY comp=E, 432um, 13.3s

SNY comp=Z, 403um, 10.0s

DL2 Dalian 10.63 285

DL2 comp=Z, 3um, 0.8s

DL2 comp=Z, 40um, 5.4s

Table with columns: YUK, YUK, YUK, etc. Includes station names like Niukaw, Suzu, etc.

HABR Khabarovsk 11.60 1

YSS Yuzh-Sakhalins 11.68 28

YSS Yuzh-Sakhalins 11.68 28

YSS comp=N, 3um, 1.8s

YSS comp=Z, 5um, 1.8s

YSS comp=E, 2um, 1.4s

YSS comp=N, 26um, 2.0s

YSS comp=E, 14um, 2.0s

YSS comp=Z, 30um, 2.0s

YSS comp=N, 2um, 1.3s

YSS comp=E, 8um, 1.4s

YSS comp=N, 298um, 8.0s

JAGN Aguni-jima 12.10 214 NAHT Naha 12.24 212 NAHT Naha 12.24 212 JJT2 Tamagusuku 2 12.27 211

JKE Kume jima 2 12.54 215

KLR Kul'dur 12.56 351

KLR comp=N, 5.1um, 11.0s

KLR comp=E, 10um, 11.0s

SSE Sheshan 12.69 247

SSE comp=Z, 8um, 1.0s

SSE comp=Z, 88um, 11.2s

SSE comp=N, 40um, 14.3s

SSE comp=E, 42um, 14.3s

SSE comp=Z, 34um, 12.0s

KUR Kuril'sk 12.90 46

KUR comp=N, 1um, 0.7s

KUR comp=E, 1um, 0.7s

KUR comp=Z, 6um, 0.7s

KUR comp=N, 61um, 7.0s

KUR comp=E, 84um, 7.0s

KUR comp=Z, 120um, 7.0s

KUR comp=N, 28um, 3.0s

KUR comp=N, 94um, 14.0s

KUR comp=E, 151um, 14.0s

UGL Uglegor'sk 13.30 21

UGL comp=N, 23um, 8.0s

UGL comp=E, 16um, 8.0s

UGL comp=Z, 34um, 8.0s

UGL comp=Z, 2um, 0.8s

UGL comp=N, 29um, 2.0s

UGL comp=E, 33um, 2.0s

NJ2 Nanjing 14.02 255

NJ2 comp=Z, 127um, 10.0s

NJ2 comp=N, 44um, 14.0s

NJ2 comp=E, 48um, 15.0s

NJ2 comp=Z, 45um, 15.2s

TIA Tai'an 14.25 273

TIA comp=Z, 703um, 0.8s

TIA comp=N, 23um, 8.0s

TIA comp=E, 48um, 12.0s

JMJ Miyako jima 2 14.52 217

BJI Beijing 14.95 288

BJT Baijiatuu 14.96 288

BJT Baijiatuu 14.96 288

BJT comp=Z, 10.0um, 1.0s

JTJ Hlgigai jima 14.96 218

JHJ Hateruma jima 15.47 219

HATJ Hateruma jima 15.89 220

YOT Yonaguni jima 15.98 223

TATO Taipei 16.45 228

TATO Taipei 16.45 228

HIA Hailar 16.55 323

HIA comp=Z, 1um, 1.0s

HIA comp=N, 1um, 1.0s

HIA comp=E, 1um, 1.0s

HIA comp=S, 1um, 1.0s

HIA comp=ScP, 1um, 1.0s

HIA comp=ScS, 1um, 1.0s

HIA comp=ScA, 1um, 1.0s

HIA comp=ScB, 1um, 1.0s

HIA comp=ScC, 1um, 1.0s

HIA comp=ScD, 1um, 1.0s

HIA comp=ScE, 1um, 1.0s

HIA comp=ScF, 1um, 1.0s

HIA comp=ScG, 1um, 1.0s

HIA comp=ScH, 1um, 1.0s

HIA comp=ScI, 1um, 1.0s

HIA comp=ScJ, 1um, 1.0s

HIA comp=ScK, 1um, 1.0s

HIA comp=ScL, 1um, 1.0s

HIA comp=ScM, 1um, 1.0s

HIA comp=ScN, 1um, 1.0s

HIA comp=ScO, 1um, 1.0s

HIA comp=ScP, 1um, 1.0s

HIA comp=ScQ, 1um, 1.0s

HIA comp=ScR, 1um, 1.0s

HIA comp=ScS, 1um, 1.0s

HIA comp=ScT, 1um, 1.0s

HIA comp=ScU, 1um, 1.0s

HIA comp=ScV, 1um, 1.0s

HIA comp=ScW, 1um, 1.0s

HIA comp=ScX, 1um, 1.0s

HIA comp=ScY, 1um, 1.0s

HIA comp=ScZ, 1um, 1.0s

16d 14h

Table with columns for location, time, and status. Includes entries for HIA, YHNB, NACB, OKH, TIY, WHN, QZH, HHC, BTO, SKR, CLNS, XAN, CIT, SGCP, ENH, APYP, PALP, SIPP, PETK, ABRA, CAUP, HKC.

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Table with columns for location, time, and status. Includes entries for HKC, GZH, YHNB, NACB, OKH, TIY, WHN, QZH, HHC, BTO, SKR, CLNS, XAN, CIT, SGCP, ENH, APYP, PALP, SIPP, PETK, ABRA, CAUP, HKC.

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Table with columns for location, time, and status. Includes entries for GTA, GZA, GYA, GYB, GYC, GYD, GYE, GYF, GYG, GYH, GYI, GYJ, GYK, GYL, GYM, GYN, GYO, GYP, GYQ, GYR, GYS, GYT, GYU, GYV, GYW, GYX, GYY, GYZ.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Novosibirsk, Jayapura, Nongplab, Makanchi Array, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Uchtor, Allahabad, Erkin-Say, Vostochayaya, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like ARU, SOKR, DIV, MID, EYAK, etc.

DPC		e	S	14 31 56.3	BRG		SS	SS	14 43 27.0 -9.2	TREC	Trest	78.80 324	||P	P	14 29 02.6 +0.2		
DPC		eS	S	14 38 16.9 -1.5	BRG		i		14 49 25.0	TREC		e	e	S	14 31 00.7		
DPC	Dobruska-Polom	77.67 325	||P	14 28 57.0 +0.8	BRG		eP'P'	LR	14 55 56.6	TREC		e		S	14 38 29.0 -1.3		
DPC		eP	pP	14 30 17.1 +1.7	BRG	comp=Z,5um,18.8s				TREC	Trest	78.80 324	||P	P	14 43 43.7		
DPC		eSP	sP	14 30 55.7 +3.4	BRG	Berggiesshubel	78.39 326	||P	P	14 29 00.3 +0.2	TREC		e	sP	14 31 00.7 +2.0		
DPC		ePP	pP	14 31 56.3 0.0	BRG				14 29 10.0	TREC		eS	S		14 38 29.0 -1.3		
DPC		eS	x	14 38 16.9 -1.5	BRG			*PP	pP	14 30 14.0 -5.4	TREC		eSS	SS	14 43 43.7 +1.3		
DPC		eX	AMS	14 39 53.8	BRG			*SP	S	14 30 57.0 +0.7	TREC		e	AMS	15 06 30.0		
DPC		eS	AMS	15 05 50.0	BRG			i	S	14 32 02.8	TREC	Fish Creek Ran	78.81 48	||P	P	14 29 03.4 +0.8	
G14A	Jackson	77.70 42	||P	14 28 55.9 -0.5	BRG	baz=78,SNR=98			14 38 24.0 -1.9	TREC							
BSEG	Bad Segeberg	77.70 330	eP	P	14 28 56.4 +0.1	BRG		S	pmax		ALN	Alexandroupoli	78.82 313	eP	P	14 29 01.9 -0.8	
BSEG			eP	P	14 30 17.3 +1.8	BRG	comp=Z,214nm,1.0s,mb5.8		MLR	MLR	ALN	Alexandroupoli	78.82 313	eP	P	14 38 44.6 +1.4	
BSEG			eP	pP	14 30 56.5 +4.1	BRG					L12A	House Creek Ra	78.83 45	P	P	14 29 03.5 +0.8	
BSEG			eP	pP	14 31 57.0 +0.7	BRG	comp=N,13um,18.9s				PLD	Plodiv	78.83 315	eP	P	14 29 02.5 +0.6	
BSEG	Bad Segeberg	77.70 330	eP	P	14 28 56.4 +0.1	BRG	comp=E,7um,16.0s		MLR	MLR	PLD	Plodiv	78.83 315	eP	S	14 38 29.1 -1.8	
BSEG			ePP	pP	14 30 17.3 +1.8	BRG					M11A	Holland Ranch,	78.84 46	P	P	14 29 03.9 +1.2	
BSEG			e		14 31 57.0	BRG	comp=Z,5um,18.8s				NRDL	Niedersch Re	78.85 329	eP	P	14 29 02.5 -0.1	
BSEG			pmax	pmax		BRG	Berggiesshubel	78.39 326	eP	P	14 29 00.2 +0.1	V03C	Hunter Liggett	78.87 53	||P	P	14 29 03.3 +0.3
BSEG	Bad Segeberg	77.70 330	eP	P	14 28 56.4 +0.1	BRG	comp=Z,2um,2.3s,mb6.5				N10A	Dunphy	78.87 47	||P	P	14 29 03.6 +0.7	
BSEG			eP	pP	14 30 17.3 +1.8	BRG	Berggiesshubel	78.39 326	||P	P	14 29 00.3 +0.2	N10A	Latheron	78.91 339	eP	P	14 29 03.2 +0.2
BSEG			eP	pP	14 30 56.5 +4.1	BRG	comp=N,170nm,1.0s		iPCP	PcP	14 29 10.0 +2.0	U04C	Hernandez Res	78.95 53	P	P	14 29 03.8 +0.4
BSEG			eP	pP	14 31 57.0 +0.7	BRG	comp=Z,170nm,1.0s										
R04C	Big Horse Ranch	77.70 51	||P	P	14 28 56.2 -0.4	BRG	comp=Z,249nm,1.5s				RDO	Rodhopi	78.96 313	eP	P	14 29 04.2 +0.8	
H13A	Challis	77.70 43	||P	P	14 28 56.6 +0.1	BRG					RDO	Rodhopi	78.96 313	eP	S	14 37 52.7 -4.0	
UPC	Upice	77.71 325	||P	P	14 28 56.7 +0.3	BRG					R07C	Lee Vining	78.98 51	||P	P	14 29 04.2 +0.6	
UPC			eP	pP	14 30 18.2 +2.6	BRG	comp=Z,24nm,1.5s				K13A	Stover Farm, H	79.03 45	||P	P	14 29 04.7 +0.9	
UPC			eS	pP	14 31 54.6 -1.9	BRG					AKS	Akhis	79.03 311	eP	P	14 29 04.0 +0.1	
UPC	Upice	77.71 325	||P	P	14 28 56.7 +0.3	BRG	comp=N,22um,18.9s				ELL	Elmali	79.05 308	eP	P	14 29 04.1 +0.2	
UPC			eP	pP	14 30 18.2 +2.6	BRG					QLMT	Earthquake Lak	79.05 42	eP	P	14 29 04.2 +0.4	
UPC			eS	pP	14 31 54.6 -1.9	BRG	comp=E,11um,16.0s				O10A	Cortez Mining,	79.14 48	P	P	14 29 05.4 +1.0	
UPC	Upice	77.71 325	||P	P	14 28 56.7 +0.3	BRG	comp=Z,9um,18.8s				Q08A	Gabs	79.19 49	||P	P	14 29 05.0 +0.3	
PVC	Pavlikeni	77.76 315	||P	P	14 28 58.1 +1.2	BRG					CLZ	Clausthal	79.22 329	eP	P	14 29 04.9 +0.3	
PAHR	Pah Rang Range	77.78 49	eP	P	14 28 57.0 0.0	L11A	Cat Creek Ranch	78.39 46	||P	P	14 29 01.1 +0.8	CLZ	Clausthal	79.22 329	eP	P	14 29 04.9 +0.3
PAHR			eP	pP	14 30 14.9 -1.3	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3	CLZ	Clausthal	79.22 329	eP	P	14 29 04.9 +0.3
EGMT	Eagleton	77.78 38	||P	P	14 28 56.7 -0.2	BOZ	comp=Z,119nm,1.7s,mb5.3				BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3	
EGMT	Eagleton	77.78 38	||P	P	14 28 57.1 +0.2	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.5	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
WCN	Washoe City	77.80 50	P	P	14 28 57.4 +0.3	BOZ	comp=Z,19um,1.7s,mb5.3				BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.5	
O07A	Toulon	77.70 49	||P	P	14 28 57.7 +0.5	HAST	Hastings Reser	78.44 53	||P	P	14 29 00.6 -0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
F15A	Butte	77.82 41	||P	P	14 28 57.5 +0.4	R06C	Colville Res	78.46 50	||P	P	14 29 01.4 +0.7	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.5
K11A	Parker Ranch,	77.85 45	||P	P	14 28 57.6 +0.3	R06C	Hastings Reser	78.44 53	||P	P	14 29 00.6 -0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
MAMC	Mammari	77.86 305	P	P	14 28 57.6 +0.1	ANTB	Antalya	78.48 308	eP	P	14 28 58.4 -2.5	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.5
N08A	Eg Springer Mi	77.87 48	||P	P	14 28 58.0 +0.6	CLL	Colim	78.49 327	||P	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
M09A	Marrel Ranch,	77.87 47	||P	P	14 28 58.0 +0.5	CLL	comp=Z,1um,0.9s,mb6.6		iPP	pP	14 30 29.4 +9.4	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.5
KOLL	Kolacno	77.90 323	i	P	14 28 58.2 +0.7	CLL	Colim	78.49 327	||P	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
KOLL			e	P	14 29 27.7 +2.5	CLL	comp=Z,18um,17.4s		eS	S	14 38 27.0 0.0	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
KOLL			ePP	P	14 32 00.8 +2.6	CLL	Colim	78.49 327	||P	P	14 38 44.7	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CSS	Prodhromos	77.91 305	||P	P	14 28 58.1 +0.3	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.4 -0.2	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CSS	Prodhromos	77.91 305	||P	P	14 28 57.5 -0.4	CLL	comp=Z,18um,17.4s		eS	S	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
S04C	Ingram Canyon,	77.91 52	eP	P	14 28 57.6 -0.2	CLL	Colim	78.49 327	||P	P	14 29 00.4 -0.2	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CRAR	CRAIOVA	77.91 317	P	P	14 28 58.1 +0.5	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CRAR	CRAIOVA	77.91 317	||P	P	14 28 57.6 0.0	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
R05C	Kirkwood Meado	77.97 51	P	P	14 28 58.3 +0.2	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
PENC	Penc	78.00 322	eP	P	14 28 59.3 +1.2	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
L10A	Juniper Basin	78.03 46	||P	P	14 28 58.7 +0.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
JAVC	Velka Javorina	78.06 323	P	P	14 28 59.7 +1.3	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
J12A	Stokes Ranch,	78.07 45	P	P	14 28 59.9 +0.3	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
DLMT	Dillon	78.08 42	eP	P	14 28 58.8 +0.2	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
DLMT			eP	pP	14 30 16.5 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
MRMT	Marmara Adasi	78.09 312	eP	P	14 28 57.4 -4.0	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
LEF	Lefka	78.10 305	eP	P	14 28 58.7 -0.2	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
O08A	Rochester Mine	78.16 48	||P	P	14 28 59.7 +0.6	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
MFT	Murefte	78.16 312	eP	P	14 28 59.7 +0.6	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
BCK	Bucak	78.18 308	eP	P	14 28 56.3 -3.0	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB	Columbia Colle	78.18 51	||P	P	14 28 58.7 -0.5	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eP	pP	14 30 14.7 -3.8	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 28 58.7 -0.5	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eP	pP	14 30 14.7 -3.8	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB			eS	pP	14 38 22.8 -1.4	CLL	comp=Z,1um,0.9s,mb6.6		eP	P	14 29 00.7 +0.1	BOZ	Bozeman (W)	78.41 41	||P	P	14 29 00.6 +0.3
CMB</																	

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Kasperke Hory, Nevrokopi, Balcova, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Grafenberg Arr, Shell Bridge, Peak Mountain, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Eskdalemuir Ar, Litokhoron, Sindelford, etc.

Table with columns: STU, Stuttgart, 82.02 327 eP, P, 14 29 19.4 +0.1. Includes stations like MWC Mount Wilson, MWC Mount Wilson, MWC Mount Wilson, etc.

Table with columns: GIVF, Damuels, 82.83 326 i/P, P, 14 29 23.5 -0.1. Includes stations like LAST Las Vegas, MWC Marysvalle, MWC Trail Mountain, etc.

Table with columns: NEE2, Needles Airpor, 83.84 51 uP, P, 14 29 28.6 -0.3. Includes stations like BAR Barrett, BVR Gavdhos, IRM Iron Mountain, etc.

Table of astronomical observations for station 545, including columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for station ASAR, including columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for station HRMR, including columns for name, coordinates, magnitude, and other parameters.

MOS 16 14:51:26.2, 0.6, 55.46N, 110.45E, h9km, mb4, 3/1, Error ellipse: s-maj=2.6, lkm s-min=1.1, km az=53.8

BYKL 16 14:51:27.4, 0.3, 55.42N, 110.37E, h8km, 20km, 2C-1D, Lake Baykal region

NEIC 16 15:26:59.9, 1906N, 6407W, h54km, MD3.6(RSPR), After RSPR

RSPR 16 15:26:59.9, 1906N, 6407W, h55km, 1km, MD3.6/8, MD3.6/8, 6C-3D, Virgin Islands

Table of astronomical observations for station ABV, including columns for name, coordinates, magnitude, and other parameters.

ISCJB 16 16:06:59.8, 0.4, 38.43N, 003.3925E, 003, h5km, Error ellipse: s-maj=4.2km s-min=3.5km az=15.9

CSEM 16 16:06:59.1, 0.2, 38.46N, 39.19E, h10km, MD2.8, Error ellipse: s-maj=2.0km s-min=1.6km az=12.0

ISK 16 16:06:59.5, 38.43N, 39.19E, h5km, MD2.8

DDA 16 16:07:01.1, 38.47N, 39.14E, h11km, 3km, Md2.6

ISC 16 16:07:00.3, 0.5, 38.44N, 003.3923E, 004, h7km, 6km, n14, 0.9922, Turkey

Table of astronomical observations for station SVRC, including columns for name, coordinates, magnitude, and other parameters.

ISCJB 16 16:13:05.4, 0.6, 5.80N, 004.12552E, 006, h75km, 7km, mb4, 2/1, Error ellipse: s-maj=10.7km s-min=6.9km az=2.1

MAN 16 16:13:05, 5.80N, 12552E, h63km, mb5, 1, ML4.0, MS4.2

16d 18h

MAN INTENSITY I - GENERAL SANTOS CITY. NEIC 16:16:13:06.5,0.9,583N-12564E, h2km, 11km, mb4.5/3, Error ellipse: s-maj=17.9km s-min=9.5km az=77.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GSPH General Santos, DAVO Davao City (W), DMPH Davao City-Mi, etc.

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

TEH 16:17:25:11.6, 2823N-5700E, h2km, ML3.9. IDC 16:17:25:45.8, 1.1, 2795N-5727E, h0km, s-maj=3.6, mb1 3/7/9, mb1mx3.6/25, mbtmp3.6/9, Error ellipse: s-maj=31.0km s-min=23.3km az=163.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

2007 JUL

CSEM 16:17:25:48.3, 0.1, 2811N-5738E, h15km, ML3.9, Error ellipse: s-maj=2.5km s-min=1.6km az=113.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IBND Bandar-abas, BNDS Bandar-Abbas, KRBR Kerman, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BIDI Bidib, IKOO Kooshah, IDAH Dahanechah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIZZ Izumozaki, JHN Hiroka, JNN Nakama, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, MWZ Matawai, BKZ Black Stump Fm, etc.

546

MOVZ Moanghono 1.30 200 PN Pn 17 28 42.6 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MOVZ Moanghono, MTVZ Mangateitei, KNZ Kokohu, etc.

CSEM 16:17:51:32.9, 0.1, 3910N-2904E, h5km, MD2.9, Error ellipse: s-maj=2.1km s-min=1.7km az=38.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DEMI Demirci, DEMI Gediz, GDZ Dursunbey, etc.

IDC 16:18:03:36.2, 2.7, 3741N-13872E, h0km, mb3.5/1, mb1 3.6/2, mb1mx3.2/22, mbtmp3.4/2, ML3.2/1, Error ellipse: s-maj=50.4km s-min=19.6km az=110.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIZZ Izumozaki, JNN Nakama, JHN Hiroka, etc.

IDC 16:18:03:36.3, 0.6, 3741N-13845E-003, h19km, 5km, n13, c0f63/22, 1C-3D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIZZ Izumozaki, JNN Nakama, JHN Hiroka, etc.

IDC 16:18:11:49.3, 5.2, 2026S-17734W, h0km, mb4.2/4, mb1 4.5/4, mb1mx3.9/16, mbtmp4.2/4, Error ellipse: s-maj=165.9km s-min=63.4km az=135.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WB2 Warrungarra Arr, etc.

MAN 16:18:21:59, 1853N-12087E, h36km, mb4.0, ML2.8, MS2.4, 2D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PIP Pasuquin, SIPP Brgy, Tapao, SIPP Conner, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for CTA Charters Tower, WRA Warrungama Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, and TORD Torodi Ar. Bea.

ISCJB 16 18:48:04.7-0.6, 4182N, 002:2290E, h10km, Error ellipse: s-maj=2.2km s-min=3.2km az=163.5

SKO 16 18:48:05.6, 4182N, 2285E, h15km, ML1.9, Error ellipse: s-maj=4.9km s-min=2.0km az=36.0

BEO 16 18:48:06.0-0.6, 4185N, 2279E, h4km, 6km, ML1.9/4 THE 16 18:48:07.0, 4177N, 2284E, h5km, ML2.6

ISC 16 18:48:05.0-7.0, 4182N, 003:2289E, h11km, 10km, n18, c0:566/33, 3C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for STIP Stip, KNT Kendrikon, GRG Griva, SOH Sokhos, HORT Hortiatits, BARS Barje, ZAPS Zavoji, PLS Polygyros, OUR Ouranopolis, PAIG Palioru.

ISC 16 18:51:20.0-2.4, 1882S, 17003E, h0km, mb4.3/4, mb1.4/4, mb1mx3.9/17, mbtmp4.3/4, Error ellipse: s-maj=106.4km s-min=38.7km az=153.0

NEIC 16 18:51:46.3-0.3, 1895S, 16930E, h206km, 28km, mb4.0/1, Error ellipse: s-maj=61.3km s-min=23.6km az=169.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, WRA Warrungama Arr, ASAR Alice Springs, ARCES ARCES Array B, FITZ Fitzroy Crossi, GERES GERES Array B.

NEIC 16 18:52:27.0, 1920N, 6406W, h26km, MD3.5(RSPR), After RSPR

RSPR 16 18:52:27.0, 1920N, 6406W, h26km, 26km, MD3.5/8, MD3.5/8, 4C-5D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ABV Anegada, TBVI Tortola, MTP Monte Pirata, HUMP Col San Antoni, CPD Cerro la Pandu, SJG San Juan, ICM Isla Caja Muer, OBIP Obispado Ponce, AOPR Arcebio Observ, CRPR Cabo Rojo, PR SDDR Presa de Saban.

ISCJB 16 19:00:42.1-0.5, 3928N, 002:2025E, 005, h1km, Error ellipse: s-maj=5.1km s-min=3.0km az=175.4

CSEM 16 19:00:42.8-0.2, 3928N, 002:2027E, h2km, ML3.1, Error ellipse: s-maj=4.8km s-min=2.9km az=88.0

ATH 16 19:00:42.3, 3924N, 2027E, h5km, MD3.4/6 THE 16 19:00:42.0, 3930N, 2017E, h1km, ML3.1

NEIC 16 19:00:42.3, 3924N, 2027E, h5km, MD3.4(ATH), After ATH

ISC 16 19:00:42.9-0.6, 3928N, 002:2027E, 005, h2km, 6km, n21, c1926/37, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for IGT Igoumenitsa, KEK Kerkira, JAN Janina, LKD Levkas, MEV Metsovon, VLS Valsamata, KFL Anninata, EVR Evrytania, THL Klokokots Trika.

Table with columns: THL, KLKOKOTS TRIKA, RLS Riolos of Patr, AGG Agios Georgios, FNA Florina, LIT Litokhoron, BIA Bitola, BIA Bitola, KRUS Krusevo, KRUS Krusevo, XOR Xorichti, GRG Griva.

NEIC 16 19:21:42.4, 1898N, 6407W, h51km, MD3.6(RSPR), After RSPR

RSPR 16 19:21:42.4, 1898N, 6407W, h51km, MD3.6/7, MD3.6/7, 9C-1D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ABV Anegada, TBVI Tortola, MTP Monte Pirata, HUMP Col San Antoni, CPD Cerro la Pandu, SJG San Juan, ICM Isla Caja Muer, OBIP Obispado Ponce, AOPR Arcebio Observ, CRPR Cabo Rojo, PR SDDR Presa de Saban.

ISC 16 19:29:22.3-4.8, 648S, 15127E, h0km, mb3.2/2, mb1.3/6/2, mb1mx3.2/14, mbtmp3.2/2, Error ellipse: s-maj=242.1km s-min=49.4km az=122.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for WRA Warrungama Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

TEH 16 19:35:46.9, 3135N, 5637E, h4km, ML3.8

ISC 16 19:36:57.0-0.3, 3135N, 5645E, h16km, 6km, ML3.4

CSEM 16 19:36:58.1-0.1, 3135N, 5639E, h16km, ML3.8, Error ellipse: s-maj=2.6km s-min=1.7km az=171.0

ISCJB 16 19:36:58.0-0.9, 3135N, 003:5639E, 003, h18km, 8km, mb3.6/5, Error ellipse: s-maj=5.3km s-min=3.9km az=174.3

NEIC 16 19:36:58.0-0.5, 3120N, 5646E, h10km, MD3.4(THR), Error ellipse: s-maj=10.8km s-min=8.0km az=56.0

ISC 16 19:36:58.2-0.8, 3133N, 003:5640E, h4km, 6km, n51, c113/82, mb3.6/5, 2D, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for IBAF Batfah, KRBR Kerman, KRBR Kerman, IMEH Mehriz, IMEH Mehriz, ICHK Chekchek, ICHK Chekchek, IKOO Kooshah, IKOO Kooshah, ITEG Tejav, ITEG Tejav, IPAR Pars, IPAR Pars, IDAH Dahanechah, IDAH Dahanechah, NASN Na'in, NASN Na'in, NASN Na'in.

ISC 16 19:58:50.6-0.7, 189S, 02:1782W, 0.1, h500km, mb3.8/12, Error ellipse: s-maj=22.9km s-min=12.7km az=145.5

ISC 16 19:58:54.6-6.0, 1888S, 17823W, h532km, 67km, mb3.4/11, mb1.3/5/11, mb1mx3.4/21, mbtmp3.4/11, Error ellipse: s-maj=26.3km s-min=23.1km az=120.0

NEIC 16 19:58:56.0-4.0, 1882S, 17832W, h553km, 46km, mb4.1/3, Error ellipse: s-maj=2.1km s-min=1.1km az=170.0

ISC 16 19:58:51.9-0.7, 1888S, 02:1782W, 0.1, h500km, n30, c0:60/24, mb3.8/12, 2C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for WRA Warrungama Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORD Torodi Ar. Bea, ISCJB 16 19:58:50.6-0.7, ARMA Armadale, ARMA Armadale, CNB Canberra Magne, CAN Canberra, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, STKA Stephens Creek, WRA Warrungama Arr, WRA Warrungama Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, NWAO Narrogin (SRO), SBA Sanda, VNA Vanda, VNA Vanda, PETK Petropavlovsk, YBH Yreka Blue Hor, NVAR Nvara, NVAR Nvara, TXAR Lajitas Array, ARCES ARCES Array B, EKA Ekalamuir Arr, CLL Collins, CLL Collins, GERES GERES Array B, DAVOS Dvosichmet, ISCJB 16 19:58:50.6-0.7, LDG Leizha, LDG Leizha, BJL 16 20:00:49.3, 2070S, 16930E, h39km, mb5.2, mb4.8, Ms4.9, Ms2.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ISFB Brisbane, IPIR Pirpir, ISHM Shahmirzad, ISHM Shahmirzad, ISHM Shahmirzad, ISHM Shahmirzad, IPAY Payeh, MHI Mashad, MHI Mashad, DMV Damavand, DMV Damavand, DMV Damavand, IKRD Kardeh, IMVA Miami, IMVA Miami, IAFJ Afjeh, IAFJ Afjeh, IRAZ Razeghan, AKTK Aktyubinsk, AKTK Aktyubinsk, BVAR Borovoye Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, GERES GERES Array B, CMAR Chiang Mai, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

WEL 16 19:50:34.6-1.1, 4753S, 16538E, h33km, ML3.6/4, Error ellipse: s-maj=10.8km s-min=7.5km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for PYZ Puysegur Point, APZ The Paps, DCZ Deep Cove, WHZ Wether Hill Ro, MLZ Scrubby Hills, MLZ Scrubby Hills, TUZ Tuapeka, EAZ Earnsclough, WKZ Wanaka, JCZ Jackson Bay, ODZ Otaha Downs, FDZ Fo Glacier.

ISC 16 19:56:27.0-15.0, 468S, 15169E, h76km, 130km, mb3.5/4, mb1.3/7/4, mb1mx3.3/17, mbtmp3.5/4, Error ellipse: s-maj=100.9km s-min=39.3km az=98.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for WRA Warrungama Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORD Torodi Ar. Bea.

ISCJB 16 19:58:50.6-0.7, 189S, 02:1782W, 0.1, h500km, mb3.8/12, Error ellipse: s-maj=22.9km s-min=12.7km az=145.5

ISC 16 19:58:54.6-6.0, 1888S, 17823W, h532km, 67km, mb3.4/11, mb1.3/5/11, mb1mx3.4/21, mbtmp3.4/11, Error ellipse: s-maj=26.3km s-min=23.1km az=120.0

NEIC 16 19:58:56.0-4.0, 1882S, 17832W, h553km, 46km, mb4.1/3, Error ellipse: s-maj=2.1km s-min=1.1km az=170.0

ISC 16 19:58:51.9-0.7, 1888S, 02:1782W, 0.1, h500km, n30, c0:60/24, mb3.8/12, 2C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for ARMA Armadale, ARMA Armadale, CNB Canberra Magne, CAN Canberra, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, STKA Stephens Creek, WRA Warrungama Arr, WRA Warrungama Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, NWAO Narrogin (SRO), SBA Sanda, VNA Vanda, VNA Vanda, PETK Petropavlovsk, YBH Yreka Blue Hor, NVAR Nvara, NVAR Nvara, TXAR Lajitas Array, ARCES ARCES Array B, EKA Ekalamuir Arr, CLL Collins, CLL Collins, GERES GERES Array B, DAVOS Dvosichmet, ISCJB 16 19:58:50.6-0.7, LDG Leizha, LDG Leizha, BJL 16 20:00:49.3, 2070S, 16930E, h39km, mb5.2, mb4.8, Ms4.9, Ms2.4

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Raoul Island, Honiara, etc.

Table with columns: MAW, Mawson, 77.11 202, P, P, 20 12 40.0 -0.6. Includes stations like XAN, KML, KMI, etc.

Table with columns: LOR, GRR, SSF, LPL, SGMF, ROSF, MBDF, ORIF, MFF, KEST, TORD, etc. Includes stations like La Serena, Tololo Astrono, etc.

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like NWA0, CMAR, SONM, BRG, etc.

ISC/JCB 16 20:28:15.5:1.3, 3667N-007:71.5E:0.2, h218km, 4.3km, Error ellipse: s-maj=31.1km s-min=8.5km az=167.4

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like THN, KK31, TKM2, SMLA, KLP, AB31, AKTO, etc.

SKHL 16 20:38:34.2:1.2, 5424N-12458E, h13km, 4.4km, mb4.0/6, Southeastern Siberia

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like KROS, ZEA, BMKR, CLNS, TUP, CRK, EKMR, etc.

ISC/JCB 16 21:01:35.7:0.8, 3935N-002:2016E:0.06, h7km, 5km, Error ellipse: s-maj=7.9km s-min=3.6km az=9.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like IGT, KEK, JAN, LKD, MEV, VLS, etc.

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like THL, THL, THL, RLS, etc.

ISC/JCB 16 21:13:28.0:0.6, 3674N-010:135.30E:0.09, h380km, 7km, mb3.0/4, Error ellipse: s-maj=16.8km s-min=8.7km

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like JKY, JWT, JMT, MJAR, etc.

ISC/JCB 16 21:19:06.5:0.5, 3754N-003:138.66E:0.04, h26km, 5km, Error ellipse: s-maj=5.8km s-min=5.0km az=11.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like ASAJ, SONM, MKAR, WRA, ASAR, etc.

ISC/JCB 16 21:19:06.5:0.5, 3754N-003:138.66E:0.04, h26km, 5km, Error ellipse: s-maj=5.8km s-min=5.0km az=11.0

JMA Felt II: 19:07.0, 3753N-138.66E, h20km, 1km, M3.1

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like JIZZ, JJK, JHN, JNS, etc.

ISC/JCB 16 21:30:05.0:4.0, 3604N-002:31.16E:0.03, h10km, Error ellipse: s-maj=3.4km s-min=2.6km az=143.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like ANTB, ELL, AKAS, etc.

ISC/JCB 16 21:30:07.0:1.0, 3609N-311.4E, h40km, MW3.1, Error ellipse: s-maj=1.6km s-min=1.2km az=79.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like ALFC, ERMK, ERM, etc.

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like GDZ, KARP, KARA, etc.

ISC/JCB 16 21:46:55.9:0.5, 2725S-007:3600E:0.09, h10km, mb3.7/7, Error ellipse: s-maj=15.0km s-min=6.8km az=32.9

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like NEIC, etc.

ISC 16 21:46:57.6:0.5, 2705S-007:3603E:0.09, h10km, n18, <0.83/18, mb3.7/7, Tanzania

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like KMBO, LSZ, MATP, MSNA, etc.

ISC 16 22:02:50.9, 3686N-27.70E, h6km, MD2.8

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like TSDM, TSUM, TSDM, BOSO, etc.

ISC 16 22:02:51.7, 3684N-27.59E, h25km, 1km, MD3.0/4

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like BODT, MLBS, etc.

ISC 16 22:03:23.0:0.7, 3931N-002:20.28E:0.06, h9km, 5km, Error ellipse: s-maj=7.4km s-min=4.0km az=26.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like ARG, KARP, etc.

ISC 16 22:03:24.3:0.2, 3928N-20.29E, h5km, ML2.7, Error ellipse: s-maj=4.6km s-min=2.7km az=87.0

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like IGT, JAN, etc.

ISC 16 22:03:24.5:0.6, 3929N-002:20.32E:0.05, h9km, 6km, n11, <0.81/12, Greece-Albania border region

Table listing seismic events with columns for station name, time, magnitude, and other parameters. Includes entries like IGT, JAN, etc.

GUC 16 22:28:49.2:0.6, 3173S-7052W, h10km, 4km, MD3.8, ML2.3, 2C-3D, Chile-Argentina border region

Table with columns: Location, Time, Frequency, Power, and other technical details. Includes locations like ELOV, CHIC, CHINGAZA, etc.

Table with columns: Location, Time, Frequency, Power, and other technical details. Includes locations like TEIG, TEIG, CCIG, SCX, DWPF, etc.

Table with columns: Location, Time, Frequency, Power, and other technical details. Includes locations like MVL, GLAT, BDFB, HBAR, etc.

Table with columns for location, elevation, distance, and other metrics. Includes entries like PLCA, PASO FLORES, SCHO, etc.

Table with columns for location, elevation, distance, and other metrics. Includes entries like MURC, T11A, BBRO, DGMT, etc.

Table with columns for location, elevation, distance, and other metrics. Includes entries like LRM, O12A, YMR, DECC, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like 009A Fish Creek Ran, NVAR Mina Array Bea, CMLA Cha da Macela, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L08A Fields, H10A Husion, D13A Noah's Angus R, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like HOPS Hopland, I06A Primeville, C10A Spilker Farm, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like D06A Cle Elum, J02A Umpqua, G04A Mulina, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like TIC Toumoudi, LIC Lamto, MVO Moncorvo, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like ESK Eskdalemuir, ESK Eskdalemuir, ESK Eskdalemuir, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DAG, LOR, SVW2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CDF, BBS, MCK, BUG, LIBD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NOA, WTAA, SVW2, TTA, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like UPC, CSNA, CONA, KSP, DSP, DPC, TRO, KOGS, VRAC, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like KIS, TIRR, TIRR, TIR, KLMM, KLMMR, KLMMR, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like MJAR, HNR, HNR, KRSR, KRSR, KRSR, etc.

ISC/JB 16:23:39.42.5:0.7, 3752N:004:13856E:0.05, h21km, 10km, Error ellipse: s-maj=6.6km s-min=5.7km az=35.1 JMA 16:23:39.42.6, 3752N:13855E, h19km, 1km, M3.5 Broadband fault plane solution: P waves: NPI: e25.00000; 836.00000; 157.00000; NP2=243.00000; 861.00000; 112.00000; Principal axes: T: P167.00000; Azm195.00000; N: P19.00000; Azm52.00000; P: P13.00000; Azm318.00000; JMA Felt II, J. ISC 16:23:39.42.4:0.7, 3752N:004:13856E:0.05, h21km, 9km, n8, o544/15, 1C-6D, Near west coast of eastern Honshu Code Station Name Az AzZ Phase ID Time Res Op h m s ISC P b 23 39 46.4 -0.3

Table with columns: NOA, NORSAR Array B, 78.97 332, P, P, 23 54 50.7 -2.0, comp=Z, 2.0nm, 0.7s, mb4.1, baz=59, slow=5.6, SNR=12, LR, 00 33 10.5

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC, 17 00 06:01.2, 0.3, 49855.005, 1178E.01, h10km, (h18km, 2.2km, p-P), n205, r133/60, mb4.8/26, MS4.5/17, 38C-28D, Western Indian-Antarctic Ridge

Table with columns: PLCA, Paso Flores, 89.50 174, P, P, 00 18 59.1 +0.8, comp=Z, 5.3nm, 0.9s, mb4.9, PLCA, Paso Flores, 89.50 174, P, P, 00 18 59.1 +0.8

ISCJB 17 00:05:59.4-0.3, 49855.005x1178E.01, h10km, mb4.8/26, MS4.5/17, Error ellipse: s-maj=11.4km s-min=6.9km az=9.1

ISC 17 00:05:59.3-0.6, 49745x1174E, h0km, mb4.5/12, mb1.4/7.12, mb1mx4.6/15, mbtmp4.5/12, MS4.4/12, Ms1.4/4.12, ms1mx4.4/13, Error ellipse: s-maj=28.3km s-min=14.1km az=110.0

NEIC 17 00:06:00.9-0.2, 49835x1178E, h10km, mb4.9/12, Error ellipse: s-maj=6.4km s-min=6.4km az=107.0

Table with columns: Code, Station Name, Az, El, Az, El, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like JLU, MVCO, DAU, Q18A, F12A, N16A, H13A, G13A, PV01, B11A, Q19A, D12A, F13A, A11A, L16A, G14A, E13A, A12A, D13A, JCT, MCMT, C14A, AHD, MSO, G15A, DLMT, B13A, D14A, TPWA, REDW, CHMT, F15A, C14A, LRM, SNOW, A13A, IMW, E15A, MOOW, LOHW, QLMT, SMCQ, SDCO, BOZ, BOZ, BW06, PDAR, D15A, YNR, LKWY, HRY, AMTX, RWWY, ISCO, DAG, DAG, RLMT, GCHT, EDM, PHWY, EGMT, EGMT, YKWS, YKWA, YKWA, WMOK, LQ, RSSD, RES, RES, WWT, SWET, ULM, COWI.

Table with columns: Z18A, GDL2, Z19A, Z17A, Z16A, H113A, Y18A, Y17A, Y19A, Y16A, Y22C, LENM, Y15A, BNM, GLA, GLA, X19A, LPM, LPM, X18A, LAZ, X16A, DVTC, JCT, SWSC, X15A, Y12C, X14A, BAR, MONP, W19A, W17A, BC3, ANMO, ANMO, ANMO, ANMO, ANMO, PDMLC, W16A, X13A, 109C, IRM, W15A, PFO, PFO, PFO, WUAZ, WUAZ, W19A, BELC, W14A, W18A, NEE2, W13A, MURC, V15A, V14A, GMRC, U16A, BBRC, W12A, W18A, HEC, V13A, U17A, U15A, BFSC, V12A, TUQ, U14A, RRR, MWC, V11A, DECC, SNCC, U13A, T16A, GSC, GSC, MVO, MVO, U12A, T15A, EDW2.

Table with columns: SHOC, T14A, HKT, OSI, T13A, S18A, LRMC, S19A, U10A, S15A, CCUT, SDCO, MPMC, WNOK, PV01, FURC, S13A, S14A, T11A, ISA, ISA, ARUT, R19A, TPNV, TPNV, R18A, PKM, R15A, S12A, R14A, CWC, VESTAL, MVU, MVU, MSU, MSU, R13A, S11A, SMMC, GRAC, Q19A, Q16A, R12A, SRU, SRU, TIN, SMCQ, SMCQ, HELL, S10A, R11A, TMUT, Q14A, S09A, Q13A, R10A, PKD, S08C, U05C, MTUM, CMIG, CMIG, CMIG, TPH, P15A, P16A, R09A, Q11A, T06C, P14A, KCC, P13A, MLAC, U03C, H03C, ISCO, ISCO, Q10A, NLU, MPU, Q09A, NVAR, NVAR, HAST, DUG, DUG, R07C, DAU, S05C, O15A.

ISCJB 17 00:49:44.1, 0.3, 2455N, 002:10914W, 0.02, h10km, mb4.7/36, MS4.0/13, Error ellipse: s-maj=3.8km, s-min=2.6km, az=30.6
IDC 17 00:49:45.2, 0.6, 2477N, 10934W, h0km, mb4.5/11, m1 4.5/18, m1mx4.4/27, mbtmp4.4/18, ML3.6/7, MS4.1/19, M1 4.0/19, ms1mx3.9/31, Error ellipse: s-maj=12.6km, s-min=9.2km, az=135.0
NEIC 17 00:49:46.3, 0.3, 2457N, 10917W, h10km, mb4.7/50, Error ellipse: s-maj=5.7km, s-min=3.5km, az=220.0
BUJ 17 00:49:46.2, 2460N, 10920W, h10km, mb5.3, mb5.0, Ms5.2, Ms2.0
ISC 17 00:49:44.9, 0.3, 2444N, 003:10914W, 0.02, h10km, n526, c091/538, mb4.7/36, MS4.0/13, 134C-129D, Gulf of California

Code Station Name Az El Phase ID Time Res ISC h m s ISC
LPIG La Paz 1.11 253 Pg 00 50 05.9 -0.5
LPIG 378nm, 0.3s, baz=321, slow=0.5, SNR=42 00 50 20.6
MAIG Mazatlan 2.78 116 i P 00 50 33.0 +3.4
MAIG 00 51 18.5 +4.1
TXAR Lajitas Array 6.90 44 Pn 00 51 26.2 0.0
TXAR 00 51 52.1 -5.1
TXAR Lajitas Array 6.90 44 Pn 00 51 26.2 0.0
TXAR 1.3nm, 0.3s, baz=226, slow=14, SNR=7.8 00 51 52.1 -5.1
TXAR 1.3nm, 0.3s, baz=222, slow=13, SNR=16 00 53 16.1
TXAR 3.2nm, 0.3s, baz=222, slow=29, SNR=5.9 6.91 359 i P 00 51 23.4 -2.9
319A Douglas 6.91 359 i P 00 51 23.4 -2.9
318A Bisbee 0.1 354 P 00 51 24.9 -2.8
217A Green Valley 7.46 349 i P 00 51 30.5 -3.3
218A White Tan Can 7.53 359 P 00 51 33.6 -1.2
219A Dragon 7.55 354 i P 00 51 33.1 -1.9
216A Three Points 7.80 345 i P 00 51 35.9 -2.6
TUC Tucson 7.97 350 ePn 00 51 37.6 -3.3
TUC 00 53 15.0 +3.9
214A Organ Pipe Nat 8.16 337 P 00 51 41.4 -2.0
118A Hornack Ranch, 8.22 355 i P 00 51 41.7 -2.4
117A Oracle 8.22 351 i P 00 51 41.9 -2.4
119A Ashpeak Ranch 8.30 359 i P 00 51 43.2 -2.1

baz=13
SHOC Shoshone 12.98 333 i P 00 52 49.9 +0.5
T14A Hurricane 13.03 346 i P 00 52 50.6 +0.5
HKT Hockley 13.05 62 ePn 00 52 47.4 -3.1
OSI Osito Adit 13.12 323 i P 00 52 51.6 +0.3
T13A Saint George 13.19 343 i P 00 52 53.0 +0.7
S18A Hurst Farm, Bl 13.23 357 i P 00 52 53.0 +0.2
LRMC Laurel Mountain 13.25 328 i P 00 52 54.2 +1.0
S19A Harvey Farm, M 13.26 0 i P 00 52 53.1 -0.2
U10A Ash Meadows, A 13.45 334 i P 00 52 57.1 +1.3
S15A Panguitch 13.48 349 i P 00 52 57.6 +1.4
CCUT Cedar City 13.56 346 ePn 00 52 58.9 +1.5
SDCO Great Sand Dun 13.62 12 ePn 00 52 59.6 +1.4
MPMC Grand Manual Prospec 13.63 330 i P 00 52 59.2 +0.8
WNOK Wichita Moun 13.65 39 ePn 00 52 57.4 -1.2
PV01 Paradox Valley 13.66 2 ePn 00 52 58.2 -0.6
FURC Furnace Creek, 13.71 333 i P 00 52 59.7 +0.3
S13A Holt Ranch, En 13.71 344 i P 00 53 00.6 +1.1
S14A Cedar City 13.72 346 i P 00 53 00.6 +1.1
T11A Corn Creek, Al 13.78 339 i P 00 53 01.2 +0.9
ISA Isabella 13.79 326 ePn 00 53 01.1 +0.6
ISA Isabella 13.79 326 ePn 00 53 01.4 +1.0
ARUT Antelope Range 13.80 346 Pn 00 53 00.9 +0.2
R19A Curley Farm, L 13.81 360 i P 00 53 02.4 +1.7
TPNV Topopah Spring 13.88 336 ePn 00 53 04.2 +2.5
TPNV 00 55 35.0 -0.9
TPNV Topopah Spring 13.88 336 i P 00 53 05.0 +1.3
R18A Canyonlands Na 13.92 358 P 00 53 02.1 -0.1
PKM Peak Mountain 13.94 321 i P 00 53 02.6 +0.1
R15A Junction 13.98 350 i P 00 53 03.4 +0.3
S12A Delamar Landin 14.00 341 i P 00 53 04.3 +0.9
R14A James Farms, M 14.21 347 i P 00 53 06.7 +0.5
CWC Cottonwood Cre 14.22 329 i P 00 53 07.3 +0.9
VESTAL Richgr 14.24 325 i P 00 53 07.2 +0.6
MVU Marysvale 14.26 350 ePn 00 53 07.1 +0.2
MVU 00 55 47.6 +2.4
MSU Marysvale 14.27 350 ePn 00 55 08.0 +1.0
MSU 00 55 47.0 +1.7
R13A O'Grain Ranch, 14.30 344 i P 00 53 08.7 +1.3
S11A Rachel 14.32 338 i P 00 53 09.0 +1.2
SMMC Simmler 14.34 322 i P 00 53 08.2 +0.2
GRAC Grapevine Rang 14.37 333 i P 00 53 09.2 +0.8
Q19A Hogan Spring (14.47 360 i P 00 53 08.5 -1.3
Q16A Castle Valley 14.54 354 i P 00 53 10.7 +0.1
R12A Pony Springs, 14.61 343 i P 00 53 12.6 +0.1
SRU San Rafael 14.67 356 ePn 00 53 12.2 -0.4
SRU 00 55 55.8 +0.5
TIN Tinemaha 14.79 330 i P 00 53 14.5 +0.3
SMCO Snowmass 14.81 7 ePn 00 53 14.8 +0.5
SMCO 00 55 58.5 0.0
HELL Mitchell Peak 14.86 327 i P 00 53 15.4 +0.3
S10A Tonopah Range, 14.87 336 i P 00 53 15.8 +0.6
R11A Troy Canyon, C 14.91 340 i P 00 53 15.2 -0.5
TMUT Trail Mountain 14.91 354 ePn 00 53 16.9 +1.1
Q14A Sevier Lake (B 14.92 347 i P 00 53 16.2 +0.3
S09A Goldfield 14.93 334 i P 00 53 16.9 +0.9
Q13A Wheeler Ranch, 15.05 345 i P 00 53 18.3 +0.7
R10A Warm Springs 15.09 338 i P 00 53 18.8 +0.7
PKD Parkfield 15.11 322 i P 00 53 17.6 -0.8
S08C White Mtn Res 15.13 331 i P 00 53 19.2 +0.4
U05C Westside ANR, 15.16 324 i P 00 53 18.7 -0.4
MTUM Tungsten Hills 15.19 330 ePn 00 53 21.0 +1.5
CMIG Matias Romero 15.20 116 Pn 00 53 24.8 +5.0
CMIG 00 59 14.7
CMIG Matias Romero 15.20 116 Pn 00 53 24.8 +5.0
CMIG 0.1mm, 0.3s, baz=305, slow=13, SNR=7.5 00 59 14.7
TPH Tonopah 15.24 335 ePn 00 53 21.5 +1.4
P15A Fountain Green 15.27 353 i P 00 53 20.7 +0.1
P16A Leamington 15.32 351 i P 00 53 21.0 +1.1
R09A Tonopah 15.32 336 i P 00 53 21.9 +0.7
Q11A Duckwater 15.39 341 P 00 53 23.1 +1.0
T06C Millerton Lake 15.46 327 P 00 53 22.9 -0.1
P14A Drum Mountains 15.47 349 i P 00 53 23.4 +0.2
KCC Kaiser Creek 15.52 328 i P 00 53 24.9 +1.1
P13A Wheeler Ranch, G 15.53 346 P 00 53 24.6 +0.7
MLAC Mammoth Lakes 15.54 330 i P 00 53 25.2 +1.1
U03C Hernandez Rese 15.54 323 i P 00 53 25.3 +1.2
H03C Hunter Liggett 15.55 321 i P 00 53 25.8 +1.5
ISCO Idaho Springs 15.60 10 ePn 00 53 25.4 +0.6
ISCO 51mm, 1.4s 00 56 18.4 +0.6
Q10A Clear Creek Ra 15.61 338 i P 00 53 25.4 +0.4
NLU North Lily Min 15.67 352 ePn 00 53 25.5 -0.2
MPU Maple Valley 15.67 353 ePn 00 53 26.1 +0.3
Q09A Carvers 15.89 336 i P 00 53 29.4 +0.8
NVAR Mina Array Bea 15.97 333 Pn 00 53 31.0 +1.3
NVAR Mina Array Bea 15.97 333 Pn 00 53 31.0 +1.3
HAST Hastings Reser 15.99 321 i P 00 53 31.2 +1.2
DUG Dugway 16.01 350 ePn 00 53 30.8 +0.6
DUG 100mm, 1.9s 00 56 30.3 +2.6
DUG 00 53 30.9 +0.8
R07C Lee Vining 16.01 331 i P 00 53 31.1 +0.9
DAU Daniels Canyon 16.03 354 ePn 00 53 30.1 -0.2
DAU 00 56 28.4 +0.3
S05C Merced 16.03 326 i P 00 53 30.5 0.0
O15A The Old Anders 16.04 351 i P 00 53 30.7 +0.1

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like P11A Circle Ranch, Q08A Gabbs, S06C San Francisco, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like GASB Alder Springs, SNOW Snow King Moun, TPAW Tet Pass, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like WVT Waverly, K02A Glendale, G10A Bishop Farm, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TZTN	Tazewell	25.06	55	eP	P	00 55 12.0 +2.5
D04A	Dobbs Creek Ra	25.12	338	↑P	P	00 55 09.4 -0.4
A11A	Hall Mountain,	25.12	349	↑P	P	00 55 09.5 -0.3
B08A	Colville Reser	25.20	344	↑P	P	00 55 09.9 -0.6
D03A	Wishkah Elem.	25.47	336	↑P	P	00 55 12.7 -0.3
B07A	Winthrop	25.49	343	↑P	P	00 55 13.1 -0.2
GNW	Green Mountain	25.52	338	eP	P	00 55 13.0 -0.5
A09A	Danville	25.59	346	↑P	P	00 55 13.7 -0.5
C04A	Brinnon	25.70	338	↑P	P	00 55 15.5 +0.3
A08A	Turner Farm, O	25.73	345	↑P	P	00 55 15.1 -0.4
NLWA	Neilton Lookou	25.73	337	eP	P	00 55 16.0 +0.6
NLWA	Neilton Lookou	25.73	337	↑P	P	00 55 15.4 -0.1
JCW	Jim Creek	25.78	340	↑P	P	00 55 14.7 -1.1
AGMN	Agassiz Refuge	26.02	20	eP	P	00 55 17.5 -0.6
A07A	Ashnola River,	26.10	343	↑P	P	00 55 18.4 -0.4
B04A	Port Angeles	26.17	338	↑P	P	00 55 19.0 -0.4
A04A	Legoe Bay, Lum	26.49	340	↑P	P	00 55 21.8 -0.4
PGC	Sidney	26.67	339	eP	P	00 55 26.4 +2.5
COWI	Conover	26.95	32	eP	P	00 55 25.4 -1.1
ACSO	Alum Creek Sta	27.00	48	eP	P	00 55 26.3 -0.7
EYMN	Ely	27.31	26	eP	P	00 55 28.7 -1.0
ELN	Prospectdale	27.40	56	eP	P	00 55 30.8 +0.1
ULM	Lac du Bonnet	27.75	18	eP	P	00 55 32.3 -1.3
ULM	Lac du Bonnet	27.75	18	P	P	00 55 32.0 -1.6
ULM	comp=Z,282bn,20.1s,MS4.0,baz=205,slow=37			LR	LR	01 06 51.7
EDM	Edmonton	28.92	355	eP	P	00 55 40.3 -0.9
FFC	Flin Flin	30.71	8	eP	P	00 55 58.8 -1.0
BBB	Bella Bella	31.25	337	LR	LR	01 08 47.9
FCC	Fort Churchill	35.92	13	eP	P	00 56 44.0 -1.1
YKA	Yellowknife Ar	36.22	356	eP	P	00 57 03.6 -1.1
YKA	comp=Z,262bn,20.1s,MS4.0,baz=205,slow=37			LR	LR	01 13 05.9
OTAV	Ottawa	38.24	124	P	P	00 57 10.2 +4.8
ROSC	El Rosal	38.72	115	P	P	00 57 14.8 +5.3
BBSR	BB Station	39.68	66	eP	P	00 57 17.8 +0.6
SDV	Santo Domingo	39.84	106	eP	P	00 57 22.9 +4.0
SDV	Santo Domingo	39.84	106	P	P	00 57 23.7 +4.9
SJG	San Juan	40.43	90	eP	P	00 57 24.7 +1.0
SJG	San Juan	40.43	90	P	P	00 57 26.6 +2.8
ATAH	Atahualpa	40.43	132	P	P	00 57 54.8 +7.5
SCHO	Schefferville	43.49	34	P	P	00 57 48.7 +0.5
SCHO	Schefferville	43.49	34	LR	LR	01 14 14.8
DAWY	Dawson	44.30	342	eP	P	00 57 54.1 -0.5
INIK	Inuvik	46.32	348	eP	P	00 58 10.4 -0.4
MICK	McKinley	47.15	337	eP	P	00 58 17.8 +0.6
TRF	Thorofare Moun	47.47	336	eP	P	00 58 20.0 +0.4
PPLA	Purkeypile	47.87	335	eP	P	00 58 22.9 +0.1
NNA	Nana	48.02	135	eP	P	00 58 25.2 +0.8
BPWW	Bear Paw Mtn.	48.10	337	eP	P	00 58 24.2 -0.3
TTA	Tatalina	49.39	334	eP	P	00 58 34.3 -0.1
IMA2	Indian Mountai	50.16	338	eP	P	00 58 39.9 -0.4
RES	Resolute Bay	50.85	5	P	P	00 58 45.2 -0.2
PPT	Papeete	57.43	227	eLR	LR	01 16 09.4
PPY	Papeete	57.43	227	LR	LR	01 20 02.9
LVC	Limon Verde	60.94	137	P	P	01 00 00.8 +2.4
SUMG	Summit	61.11	19	P	P	00 59 57.5 -1.4
BDFB	Brasilia	71.71	117	P	P	01 01 11.5 +3.9
BDFB	comp=Z,48nm,18.3s,MS3.8,baz=21,slow=4			LR	LR	01 38 01.7
PETK	Petrovavlovsk-	72.66	321	P	P	01 01 12.8 +0.1
PLCA	Paso Flores	74.10	150	eP	P	01 01 23.8 +2.6
PLCA	Paso Flores	74.10	150	P	P	01 01 25.2 +4.0
ARCES	ARCES Array B	80.80	15	P	P	01 01 57.7 -0.7
ARCES	ARCES Array B	80.80	15	LR	LR	01 39 17.1
ARCES	ARCES Array B	80.80	15	P	P	01 01 57.7 -0.7
ARCES	ARCES Array B	80.80	15	LR	LR	01 39 17.1
NOA	NORSAR Array B	82.23	25	P	P	01 02 06.8 +0.7
NOA	comp=Z,108nm,19.6s,MS4.2,baz=315,slow=35			LR	LR	01 37 15.2
ESLA	Sonsec Array	85.56	48	eP	P	01 02 24.9 +1.3
MDT	Midelt	88.32	55	LR	LR	01 42 20.5
GERES	GERES Array B	91.01	34	LR	LR	01 42 41.2
GERES	GERES Array B	91.01	34	LR	LR	01 42 41.2
CN2	Changchun	95.66	324	eP	P	01 03 10.8 -0.1
AKASG	Malin Array Be	96.24	25	LR	LR	01 51 16.4
CD2	Chendu	116.53	323	ePKP	PKP	01 08 29.1 -0.6
GYA	Guiyang	118.71	323	ePKP	PKP	01 04 52.8 -0.7
GYA	comp=Z,90nm,7.2s			PKP	PKP	01 08 34.3 +0.4
GYA	comp=Z,90nm,7.2s			PKP	PKP	01 09 54.6 +3.9
KMI	Kunming	121.86	326	PKP	PKP	01 08 41.6 +1.6
LSZ	Lusaka	139.88	85	ePKP	PKP	01 09 13.6 +1.1
LBTB	Labatse	138.93	101	ePKP	PKP	01 09 12.8 +0.4

AGG	FNA	FNA	LIT	LIT	BIA	BIA	BIA	KRUS	KRUS	XOR	GRG	GRG	SOH																					
Florina	1.70	28	eSg	Pb	1.85	63	eSb	1.89	23	eSb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn			
Litokhoron	1.85	63	eSb	Pb	1.89	23	eSb	1.89	23	eSb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn			
Bitola	1.89	23	eSb	Pb	1.89	23	eSb	1.89	23	eSb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Bitola	1.89	23	eSb	Pb	1.89	23	eSb	1.89	23	eSb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Krusevo	2.21	87	ePn	Pb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Krusevo	2.21	87	ePn	Pb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Xorichita	2.21	87	ePn	Pb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Grgiva	2.21	87	ePn	Pb	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.21	87	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn
Sokhos	2.78	55	ePn	Pb	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn	2.78	55	ePn

NEIC 17 00:55:02.4,5840N:13345W,h1km,ML2.8(AEI/C), ML2.8(PGC),After PGC.
 PGC 17 00:55:02.4:15.0,5840N:13345W,h1km,ML2.8,4-2D, 57km east of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SKAG	Skagway	1.44	318	Op	ISC	00 55 32.2 -4.2
DLBC	Dease Lake	1.80	87	P	Sg	00 55 33.6 -0.9
DLBC	Dease Lake	1.80	87	↑P	Sg	00 55 34.0 +1.0
PLBC	Pleasant Camp	1.85	306	↑P	Sg	00 55 59.6 -0.3
PLBC	Pleasant Camp	1.85	306	↑P	Sg	00 55 59.6 -0.3
WRAP	Wrangell Island	2.08	163	Op	ISC	00 55 36.8 -2.2
WHY	Whitehorse	2.38	343	↑P	Sg	00 56 16.2 -2.6
DHAK	Deception Hill	2.58	288	P	Pn	00 55 49.5 +0.7
DHAK	Deception Hill	2.58	288	eSb	Pn	00 56 18.0 +0.8
CRAIG	Craig	2.95	176	ePn	Pn	00 55 49.1 -1.2
HYT	Haines Junctio	3.19	321	↑P	Sg	00 56 32.2 -0.4
HYT	Haines Junctio	3.19	321	↑P	Sg	00 56 39.1 -5.5
HYT	Haines Junctio	3.19	321	↑P	Sg	00 56 53.2 -0.4
PNT	Peninsula	3.33	295	P	Sg	00 56 39.1 -5.5
PNL	Peninsula	3.33	295	P	Sg	00 56 56.8 +1.3
PNL	Peninsula	3.33	295	eSb	Sg	00 56 35.8 +0.2

ISCJB 17 01:00:29.8-0.8, 1861N-1004.4x10075W-0.05,h33km, Error ellipse: s-maj=7.7km s-min=5.6km az=145.9
 MEX 17 01:00:31.8-0.9, 1863N-10081W,h47km,33km,MD3.3
 NEIC 17 01:00:32.2, 1863N-10077W,h37km,MD3.3(MEX), After MEX.

ISC 17 01:00:37.9-5.4, 1874N-9991W,h0km,mb3.7/3,mb1 4.2/4, mb1mx3.7/20,mbtmp3.9/4,ML4.5/1, Error ellipse: s-maj=152.6km s-min=26.0km az=34.0
 ISC 17 01:00:30.8-0.8, 1864N-1005.1x10076W-0.05,h35km,n25, n=0859/39, Guerrero

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MOIG	Morelia	1.11	339	Op	ISC	01 00 49.4 -0.4
MOIG	Morelia	1.11	339	Op	ISC	01 00 49.4 -0.4
PLIG	Platanillo	1.22	101	Op	ISC	01 01 03.4 -0.5
PLIG	Platanillo	1.22	101	Op	ISC	01 01 05.0 -0.0
PLIG	Platanillo	1.22	101	Op	ISC	01 01 06.2 -0.3
PLIG	Platanillo	1.22	101	Op	ISC	01 01 07.2 +0.5
YAIY	Yautepac	1.62	82	Op	ISC	01 00 57.2 +0.3
YAIY	Yautepac	1.62	82	Op	ISC	01 01 13.3 -3.3
YAIY	Yautepac	1.62	82	Op	ISC	01 01 04.2 +0.3
YAIY	Yautepac	1.62	82	Op	ISC	01 01 15.3 -1.3
UNM	Universidad Na	1.65	65	Op	ISC	01 00 57.3 -0.0
UNM	Universidad Na	1.65	65	Op	ISC	01 00 58.5 -0.0
UNM	Universidad Na	1.65	65	Op	ISC	01 01 17.3 +0.1
PBVM	Pinon	1.78	63	Op	ISC	01 00 59.5 +0.5
PBVM	Pinon	1.78	63	Op	ISC	01 01 00.0 -

NEIC 17 02:47:19.4-0.3, 1186N-8738W, mb4.8/50, Error ellipse: s-maj=7.3km s-min=5.1km az=41.0 ISC 17 02:47:19.0-2, 1183N-003-8741W-002,h32km, h32km, 6km; p-P, n341, +0.95/312, mb4.7/60, MS4.0/23, 56C-5SD, Near coast of Nicaragua

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

Table with columns: Y19A, L45, Mtrb04, 29.70 321, P, P, 02 53 24.0 +0.9. Lists seismic events with station codes, magnitudes, and arrival times.

Table with columns: BMN, baz=38, 38.73 323, eP, P, 02 54 41.8 +0.7. Lists seismic events with station codes, magnitudes, and arrival times.

Table with columns: ORL, comp, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONGINGO Array, SONM, IENR, TDJR, MKANCI Array, etc.

ISCJB 17 03:24:13.1±0.3, 2499N.002±10693E.004, h10km, mb3.8/1.1, MS3.2/4, Error ellipse: s-maj=5.5km s-min=3.2km az=5.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GYA, MTZY, TZV, BGV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CD2, WHN, XAN, etc.

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

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

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

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

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

Table with columns: GERES, YKA, IDC, NEIC, ISCJB, ISC. Includes stations like GERES GERESS Array B, YKA Yellowknife Arr, etc.

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

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

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

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

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

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

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

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

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

Table with columns: AGG, LIA, GRG, KNT, ISCJB, NEIC, IDC, ISC. Includes stations like AGG Limnos Island, LIA Limnos Island, etc.

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

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

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

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

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

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

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

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

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

IDC 17 03:50:16.7±2.0, 287S-3649E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=58.1km s-min=14.9km az=118.0, Tanzania

CSEM 17 03:57:39.0±0.5, 4047N-2929W, h10km, ML2.9, Error ellipse: s-maj=12.5km s-min=3.7km az=79.0, After PDA

ISCJB 17 03:59:09.0±0.4, 3973N-2346E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=58.1km s-min=14.9km az=118.0, Tanzania

ISCJB 17 03:59:09.0±0.4, 3973N-2346E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=58.1km s-min=14.9km az=118.0, Tanzania

ISCJB 17 03:59:09.0±0.4, 3973N-2346E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=58.1km s-min=14.9km az=118.0, Tanzania

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

ISCJB 17 04:11:06.7±0.7, 3818N-2744E, h0km, mb3.8/2.1, mb1 3.8/2.1, mb1mx3.3/1.8, mbtmt3.8/2.0, Error ellipse: s-maj=5.6km s-min=5.1km az=159.9

218A	Dragon	baz=7.4, SNR=16	7.38 354	↑P	Pn	04 15 33.3	-2.6
216A	Three Points,	baz=7.4, SNR=7.5	7.65 345	↑P	Pn	04 15 37.1	-2.5
TUC	Tucson	baz=7.7, SNR=7.4	8.17 350	ePn	Pn	04 15 39.1	-2.7
214A	Organ Pipe Nat	baz=8.1	8.01 337	↑P	Pn	04 15 42.5	-2.0
118A	Homack Ranch,	baz=8.1, SNR=20	8.04 355	↑P	Pn	04 15 41.9	-2.9
117A	Oracle	baz=8.1, SNR=14	8.06 350	↑P	Pn	04 15 42.8	-2.4
119A	Ashpeak Ranch,	baz=8.1, SNR=14	8.13 359	↑P	Pn	04 15 43.5	-2.6
218A	Geronimo	baz=8.5	8.48 355	↑P	Pn	04 15 48.9	-2.1
115A	Sonoran Desert	baz=9.5	8.51 342	↑P	Pn	04 15 50.5	-0.9
GD12	Gudalpe Moun	baz=9.5	8.64 28	ePn	Pn	04 15 52.6	-0.5
Z19A	T-Link Ranch,	baz=8.7	8.65 359	↑P	Pn	04 15 52.3	-1.0
Z17A	San Carlos Hig	baz=9.0, SNR=9.4	8.74 352	↑P	Pn	04 15 52.9	-1.6
113A	Mohawk Valley,	baz=9.1	9.10 334	↑P	Pn	04 15 58.5	-0.9
Y18A	Canyon Day Jun	baz=9.2, SNR=24	9.17 355	↑P	Pn	04 15 59.1	-1.3
Y17A	Roosevelt	baz=9.2, SNR=13	9.18 351	↑P	Pn	04 15 59.6	-0.9
Y19A	Nutrioso	baz=9.3, SNR=31	9.31 359	↑P	Pn	04 16 02.2	-0.2
Z14A	Wintersburg	baz=9.4	9.34 340	↑P	Pn	04 16 02.8	0.0
Y16A	Circle Bar Ran	baz=9.5, SNR=9.0	9.46 348	↑P	Pn	04 16 04.0	-0.5
Y22C	IRIS PASSCAL I	baz=9.5	9.62 11	↑P	Pn	04 16 06.8	+0.1
LENM	Lemitar	baz=9.8	9.70 11	ePn	Pn	04 16 08.9	+1.2
Y15A	Casa Rosa Ranc	baz=9.8	9.72 344	↑P	Pn	04 16 07.7	-0.4
BNM	Barren Site	baz=9.8, SNR=13	9.75 12	ePn	Pn	04 16 09.1	+0.8
X18A	St. Johns	baz=9.8, SNR=13	9.79 359	↑P	Pn	04 16 08.4	-0.4
GLA	Glamis	baz=9.8, SNR=8.5	9.79 331	↑P	Pn	04 16 08.8	+0.9
GLA	Glamis	baz=9.8, SNR=8.5	9.79 331	↑P	Pn	04 16 08.7	-0.2
X17A	Forest Lakes	baz=9.8	9.80 352	↑P	Pn	04 16 08.6	-0.5
Y14A	Wickenburg	baz=9.9	9.90 341	↑P	Pn	04 16 10.2	-0.2
LPN	Los Pinos Moun	baz=9.9	9.91 12	ePn	Pn	04 16 12.1	+1.6
LAZ	Ladron	baz=9.9	9.91 10	ePn	Pn	04 16 10.3	-0.2
X18A	Snowflake	baz=9.9, SNR=23	9.91 356	↑P	Pn	04 16 10.1	-0.5
X16A	Lo Mia Camp, P	baz=10.0, SNR=26	9.98 349	↑P	Pn	04 16 09.4	-2.1
Y13A	Salome	baz=10.0	10.05 337	↑P	Pn	04 16 12.2	-0.3
JCT	Junction City	baz=10.0	10.12 53	ePn	Pn	04 16 15.0	+1.6
SWSC	Sam W. Stewart	baz=10.0	10.16 326	↑P	Pn	04 16 14.2	+0.3
X15A	Humboldt	baz=10.0, SNR=11	10.21 345	↑P	Pn	04 16 13.9	-0.8
Y12C	Blythe	baz=10.0	10.26 334	↑P	Pn	04 16 14.8	-0.6
X14A	Yava	baz=10.0	10.36 342	↑P	Pn	04 16 13.6	-3.1
BAR	Barrett	baz=10.0	10.42 322	ePn	Pn	04 16 20.1	+2.5
MONP	Monument Peak	baz=10.0	10.45 324	↑P	Pn	04 16 18.5	+0.6
W19A	Sanders	baz=10.0	10.47 359	↑P	Pn	04 16 18.4	+0.2
W18A	Petrified Fore	baz=10.0	10.49 357	↑P	Pn	04 16 18.8	+0.3
W17A	Winslow	baz=10.0	10.53 353	↑P	Pn	04 16 19.7	+0.7
ANMO	Albuquerque	0.1mm, 0.3s, baz=200, slow=10.0, SNR=22	10.56 12	Pn	Pn	04 16 21.0	+1.5
ANMO		0.1mm, 0.3s, baz=158, slow=2.9, SNR=1.5	10.56 12	ePn	Sn	04 18 24.5	+6.8
ANMO		0.1mm, 0.3s, baz=258, slow=21, SNR=4.2	10.56 12	ePn	Pn	04 19 19.2	
ANMO		0.1mm, 0.3s, baz=190, slow=40, SNR=1.9	10.56 12	ePn	Pn	04 20 43.9	
ANMO		0.1mm, 0.3s, baz=145, slow=10.0, SNR=8.3	10.56 12	ePn	Pn	04 16 21.0	+1.6
BC3	Big Chuckw Mtn	baz=11	10.58 330	↑P	Pn	04 16 20.6	+0.9
PDMCI	Parker Dam, Lak	baz=11	10.60 337	↑P	Pn	04 16 20.1	+0.1
W16A	Flagstaff	baz=11	10.66 349	↑P	Pn	04 16 21.4	+0.7
X13A	Yucca	baz=11	10.76 339	↑P	Pn	04 16 22.4	+0.2
109C	Camp Elliot, M	baz=11	10.82 321	↑P	Pn	04 16 23.0	-0.1
IRM	Iron Mountain	baz=11	10.87 332	↑P	Pn	04 16 23.6	-0.2
W15A	Williams	baz=11	10.88 346	↑P	Pn	04 16 24.7	+0.9
PFO	Pinyon Flat Ob	0.1mm, 0.3s, baz=145, slow=10.0, SNR=8.3	11.02 326	Pn	Pn	04 16 26.6	+0.8
PFO		0.1mm, 0.3s, baz=208, slow=4.0, SNR=1.5	11.02 326	Pn	Pn	04 18 31.1	+2.0
PFO		0.0mm, 0.3s, baz=282, slow=13, SNR=1.9	11.02 326	Pn	Pn	04 19 34.3	
PFO		comp=Z, 414nm, 20.2s, baz=124, slow=39	11.02 326	Pn	Pn	04 20 48.4	
PFO		comp=Z, 414nm, 20.2s, baz=124, slow=39	11.02 326	Pn	Pn	04 20 48.4	
PFO		comp=Z, 414nm, 20.2s, baz=124, slow=39	11.02 326	Pn	Pn	04 20 48.4	
WUAZ	Wupatki	baz=11	11.04 350	ePn	Pn	04 16 27.6	+1.5
WUAZ	Wupatki	baz=11	11.04 350	↑P	Pn	04 16 26.3	+0.2
V19A	Window Rock	baz=11	11.07 0	↑P	Pn	04 16 26.8	+0.4
V18A	Ganado	baz=11, SNR=9.9	11.09 357	↑P	Pn	04 16 27.3	+0.6
W14A	Seligman	baz=11, SNR=29	11.11 343	↑P	Pn	04 16 27.7	+0.7
BELO	Belle Mtn.	baz=11	11.12 329	↑P	Pn	04 16 26.2	-0.9
NEE2	Needles Airpor	baz=11	11.19 336	↑P	Pn	04 16 27.8	-0.3
W13A	Hualapai Mount	baz=11	11.24 340	↑P	Pn	04 16 28.4	-0.4
MURC	Murrieta	baz=11	11.41 324	↑P	Pn	04 16 31.5	+0.4
V15A	Kalibab Nationa	baz=12, SNR=18	11.48 347	↑P	Pn	04 16 32.5	+0.4
V14A	Boquillas Ranc	baz=12, SNR=22	11.52 343	↑P	Pn	04 16 32.8	+0.2
GMRC	Granite Mounta	baz=12	11.62 332	↑P	Pn	04 16 34.5	+0.5
U16A	Tuba City	baz=12	11.63 352	↑P	Pn	04 16 34.9	+0.9
LDFC	Landfair	baz=12	11.65 335	ePn	Pn	04 16 36.5	+2.0
SCI	San Clemente I	baz=12	11.74 317	↑P	Pn	04 16 37.0	+1.4
W12A	Cal Nev Ari	baz=12	11.76 336	↑P	Pn	04 16 35.9	0.0
BBRC	Big Bear Sol-O	baz=12	11.78 327	↑P	Pn	04 16 37.6	+1.5
U18A	Rough Rock, Ch	baz=12	11.79 357	↑P	Pn	04 16 36.7	+0.4
HEC	Hector, Ludlow	baz=12	11.96 330	↑P	Pn	04 16 38.8	+0.2
V13A	Grand Canyon W	baz=12	11.97 341	↑P	Pn	04 16 39.2	+0.4
U17A	Shonto	baz=12	12.03 354	↑P	Pn	04 16 40.2	+0.7
U15A	North Rim	baz=12	12.09 348	↑P	Pn	04 16 40.6	+0.2
AMTX	Amarillo	baz=12	12.10 30	ePn	Pn	04 16 42.2	+1.7
V12A	Nelson	baz=12	12.14 337	↑P	Pn	04 16 41.4	+0.4
BFSC	Mount Baldy St	baz=12	12.14 324	↑P	Pn	04 16 42.5	+1.4
U14A	Mt Trumbull	baz=12	12.28 344	↑P	Pn	04 16 43.3	+0.4
TUQ	Turquoise Mtn.	baz=12	12.29 333	↑P	Pn	04 16 43.2	0.0
RRX	Edison Barstow	baz=12	12.31 328	↑P	Pn	04 16 42.9	-0.5
MWC	Mount Wilson	baz=12	12.35 323	ePn	Pn	04 16 45.6	+1.7
V11A	Goodsprings	baz=12	12.45 335	↑P	Pn	04 16 44.9	-0.4
U13A	Pakoon Wash	baz=12	12.48 342	↑P	Pn	04 16 46.4	+0.6
T16A	Glen Canyon Da	baz=12	12.50 351	↑P	Pn	04 16 46.6	+0.5
T18A	Mexican Hat	baz=12	12.50 357	↑P	Pn	04 16 46.3	+0.3
GSC	Goldstone	baz=13	12.56 330	ePn	Pn	04 16 49.2	+2.3
GSC	Goldstone	baz=13	12.56 330	↑P	Pn	04 16 47.2	+0.4
MVCO	Mesa Verde	baz=13	12.57 2	ePn	Pn	04 16 49.2	+2.3
MVCO	Mesa Verde	baz=13	12.57 2	↑P	Pn	04 16 46.8	-0.1
U12A	Valley of Fire	baz=13	12.67 340	↑P	Pn	04 16 48.4	+0.1
T15A	Red Dirt Ranch	baz=13, SNR=7.9	12.68 348	↑P	Pn	04 16 49.3	+0.9
EDW2	Edwards Air Fo	baz=13	12.81 325	↑P	Pn	04 16 51.5	+1.3
SHOC	Shoshone	baz=13	12.84 333	↑P	Pn	04 16 50.8	+0.2
T14A	Hurricane	baz=13	12.87 346	↑P	Pn	04 16 51.8	+0.8
HKT	Hockley	7.5mm, 0.3s	12.95 63	eP	Pn	04 16 53.0	+0.8
HKT	Hockley	7.5mm, 0.3s	12.95 63	eP	Pn	04 16 53.0	+0.8
HKT	Hockley	7.5mm, 0.3s	12.95 63	eP	Pn	04 16 53.0	+0.8
U11A	Corn Creek	comp=Z, 8.0nm, 0.3s	12.95 337	↑P	Pn	04 16 51.9	-0.3
T12A	Mopac	baz=13	13.00 340	↑P	Pn	04 16 52.7	-0.1
OSI	Osito Adit	baz=13	13.00 322	↑P	Pn	04 16 53.1	+0.2
T13A	Saint George	baz=13	13.03 343	↑P	Pn	04 16 54.0	+0.7
S18A	Hurst Farm, BI	baz=13, SNR=10.0	13.06 357	↑P	Pn	04 16 53.7	0.0
S19A	Harvey Farm, M	baz=13	13.10 360	↑P	Pn	04 16 53.5	-0.6
LRMC	Laurel Mountai	baz=13	13.12 328	↑P	Pn	04 16 55.5	+0.9
U10A	Ash Meadows, A	baz=13, SNR=6.4	13.31 334	↑P	Pn	04 16 58.3	+1.3
S15A	Parrituch	baz=13	13.32 349	↑P	Pn	04 16 58.4	+1.3
CCUT	Cedar City	baz=13	13.40 345	eP	Pn	04 16 59.7	+1.4
ARVC	Arvin	baz=14	13.44 323	↑P	Pn	04 16 59.7	+0.9
SBC	Santa Barbara	baz=14	13.45 319	↑P	Pn	04 16 59.8	+0.8
SDCO	Great Sand Dun	baz=14	13.45 12	ePn	Pn	04 17 02.0	+3.0
PV01	Paradox Valley	baz=14	13.49 2	ePn	Pn	04 17 01.1	+1.6
WNOI	Washoe Moun	baz=14	13.50 389	eP	Pn	04 16 59.5	+0.2
MPMC	Manual Prospe	baz=14, SNR=24	13.50 330	↑P	Pn	04 17 00.9	+1.2
S13A	Holt Ranch, En	baz=14	13.55 344	↑P	Pn	04 17 01.4	+1.1
S14A	Cedar City	baz=14	13.56 346	↑P	Pn	04 17 01.6	+1.2
FURC	Furnace Creek,	baz=14	13.57 332	↑P	Pn	04 17 01.0	+0.5
T11A	Corn Creek, AI	baz=14	13.63 339	↑P	Pn	04 17 02.6	+1.2
R19A	Curley Farm, L	baz=14	13.64 360	↑P	Pn	04 17 01.0	-0.6
ISA	Isabella	baz=14	13.66 326	ePn	Pn	04 17 02.9	+1.0
ISA	Isabella	baz=14	13.66 326	↑P	Pn	04 17 02.5	+0.6
PV10	Paradox Valley	baz=14	13.72 0	ePn	Pn	04 17 03.7	+0.9
TPNV	Topopah Spring	baz=14	13.74 335	ePn	Pn	04 17 05.8	+2.9
TPNV	Topopah Spring	baz=14	13.74 335	↑P	Pn	04 17 04.4	+1.5
R18A	Canyonlands Na	baz=14, SNR=9.0	13.75 357	↑P	Pn	04 17 02.4	-0.7
R15A	Junction						

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SUTB	Sutter Butte	18.09 327	↑P	Pn	04 17 59.6	+0.2
N07B	Gerlach	18.11 335	↑P	Pn	04 18 00.6	+0.9
BW06	Boulder Array	18.11 359	ePn	Pn	04 17 58.8	+0.1
PDAR	Pinedale Array	18.11 359	P	Pn	04 17 58.8	-0.9
PDAR	comp-Z, 0.1nm, 0.3s, baz=201, slow=16, SNR=2.3				04 23 17.1	
PDAR	comp-Z, 4um, 19.3s, baz=189, slow=38				04 25 11.7	
M09A	Marrel Ranch,	18.15 340	↑P	Pn	04 18 00.5	+0.3
MNRC	McLaughlin Nat	18.16 325	↑P	Pn	04 18 00.2	-0.1
L12A	House Creek Ra	18.16 346	↑P	Pn	04 18 00.5	+0.2
ORV	Orville	18.20 328	↑P	Pn	04 18 01.1	+0.3
K14A	Jones Ranch, D	18.20 350	↑P	Pn	04 18 00.5	-0.3
O05C	Quincy	18.25 330	↑P	Pn	04 18 02.2	+0.8
L11A	Cat Creek Ranc	18.36 344	↑P	Pn	04 18 03.4	+0.7
N06A	Buffalo Meadow	18.43 333	P	Pn	04 18 04.2	+0.7
K13A	Stove Farm, H	18.46 348	↑P	Pn	04 18 04.0	+0.1
L10A	Juniper Basin	18.46 342	↑P	Pn	04 18 04.7	+0.8
M08A	Happy Creek Ra	18.48 338	↑P	Pn	04 18 04.5	+0.2
H0PS	Hopland	18.58 324	ePn	Pn	04 18 13.3	+7.8
H0PS	Hopland	18.58 324	↑P	Pn	04 18 05.4	0.0
K12A	Draper Farm, C	18.61 347	↑P	Pn	04 18 05.8	+0.1
O04C	Chester	18.61 330	↑P	Pn	04 18 06.1	+0.3
ELFS	Eagle Lake Fie	18.69 331	↑P	Pn	04 18 07.0	+0.2
M07A	Soldier Meadow	18.71 336	↑P	Pn	04 18 06.9	-0.2
L09A	Wilkinson Ranc	18.76 340	↑P	Pn	04 18 07.6	0.0
REDW	Red Top Meadow	18.76 356	ePn	Pn	04 18 11.0	+3.4
O03C	Acorn Hollow,	18.80 328	↑P	Pn	04 18 07.6	-0.5
SNOW	Snow King Moun	18.85 356	ePn	Pn	04 18 12.3	+3.6
GASB	Alder Springs	18.88 326	↑P	Pn	04 18 08.9	-0.1
TPAW	Teton Pass	18.89 356	ePn	Pn	04 18 10.5	+1.3
K11A	Parker Ranch,	18.99 344	↑P	Pn	04 18 10.1	-0.3
P01C	Double 8 Ranch	19.07 324	↑P	Pn	04 18 11.1	-0.2
M06C	Likely Place G	19.07 333	↑P	Pn	04 18 11.4	0.0
L08A	Fields	19.13 339	↑P	Pn	04 18 11.0	-1.1
MOOHW	Moose Ponds	19.14 356	ePn	Pn	04 18 12.9	+0.7
HATC	Hat Creek Ra	19.18 330	↑P	Pn	04 18 13.0	+0.3
J13A	Cove Ranch, Pi	19.20 349	↑P	Pn	04 18 11.9	-1.0
K10A	MacKenzie Ranc	19.22 342	↑P	Pn	04 18 12.8	-0.4
J12C	Stokes Ranch,	19.23 347	↑P	Pn	04 18 12.5	-0.8
O02A	Red Bluff	19.31 327	↑P	Pn	04 18 14.1	-0.2
L07A	Adell	19.32 336	↑P	Pn	04 18 13.5	-1.0
K0PM	Chito Peak	19.35 324	ePn	Pn	04 18 19.6	+4.9
K0PM	Iron Peak	19.39 317	ePn	Pn	04 18 21.7	+6.5
K09A	Rome	19.39 341	↑P	Pn	04 18 14.3	+0.9
HLID	Hailey	19.40 348	ePn	Pn	04 18 15.0	-0.3
HLID	Hailey	19.40 348	↑P	Pn	04 18 14.4	-0.9
WVOR	Wild Horse Val	19.45 338	ePn	Pn	04 18 14.7	-1.2
WVOR	Wild Horse Val	19.45 338	ePn	Pn	04 18 14.7	-1.2
WVOR	comp-Z, 54nm, 1.3s					
FLWY	Flagg Ranch	19.47 357	ePn	Pn	04 18 19.9	+3.8
M05C	Lookout	19.48 332	↑P	Pn	04 18 15.5	-0.8
WDC	Whiskeytown Da	19.50 328	ePn	Pn	04 18 21.7	+5.2
WDC	Whiskeytown Da	19.50 328	↑P	Pn	04 18 14.6	-1.9
MFID	Camas Ranch	19.55 345	↑P	Pn	04 18 16.0	-1.2
MOD	Modoc	19.59 334	ePn	Pn	04 18 15.1	-2.5
MOD	Modoc	19.59 334	↑P	Pn	04 18 17.1	-0.5
K08A	Mann Creek Ran	19.66 339	↑P	Pn	04 18 17.1	-1.3
I13A	Wildhorse Cree	19.69 349	↑P	Pn	04 18 17.7	-1.1
TEIG	Tepeh	19.75 99	P	Pn	04 18 19.9	+0.3
TEIG	Tepeh	19.75 99	S	Pn	04 22 07.7	+6.1
TEIG	Tepeh	19.75 99	Lg	LR	04 24 20.8	
TEIG	Tepeh	19.75 99	Lg	LR	04 20 05.5	
TEIG	Tepeh	19.75 99	Lg	LR	04 18 19.9	+0.3
TEIG	comp-Z, 0.2nm, 0.3s, baz=104, slow=12, SNR=4.4				04 22 07.7	+6.1
TEIG	comp-Z, 0.1nm, 0.3s, baz=304, slow=9.8, SNR=1.9				04 24 20.8	
TEIG	comp-Z, 0.2nm, 0.3s, baz=16, slow=19, SNR=1.8				04 28 05.5	
OXF	Oxford	19.75 55	ePn	Pn	04 18 18.0	-1.5
OXF	Oxford	19.75 55	ePn	Pn	04 18 18.0	-1.5
OXF	comp-Z, 32nm, 1.1s					
J10A	Berg Farm, Mel	19.80 343	↑P	Pn	04 18 18.4	-1.6
O01C	Eel River Cons	19.81 325	↑P	Pn	04 18 18.6	-1.6
M03C	McCloud	19.84 330	↑P	Pn	04 18 20.0	-0.6
YFT	Old Faithful	19.84 356	ePn	Pn	04 18 26.9	+6.3
K07A	Rock Creek Ran	19.88 338	↑P	Pn	04 18 20.2	-0.8
RSSD	Black Hills	19.90 11	ePn	Pn	04 18 19.3	-2.0
RSSD	Black Hills	19.90 11	ePn	Pn	04 18 19.3	-2.0
RSSD	comp-Z, 15nm, 1.1s					
L05A	Lakeview	19.92 334	P	Pn	04 18 21.0	-0.5
LKWY	Lake	19.94 357	ePn	Pn	04 18 23.0	+1.3
LKWY	Lake	19.94 357	ePn	Pn	04 18 23.0	+1.3
LKWY	comp-Z, 39nm, 1.2s					
GNAR	Gosnell	19.96 51	ePn	Pn	04 18 27.9	+5.8
J09A	Fry Pan Ranch,	20.00 341	↑P	Pn	04 18 21.0	-1.4
I11A	Placeville	20.05 345	↑P	Pn	04 18 22.0	+0.7
N02C	Big Bar	20.05 327	↑P	Pn	04 18 21.8	+0.4
YNR	Norris Junctio	20.10 357	ePn	Pn	04 18 25.1	+3.3
M04C	Macdoel	20.13 331	↑P	Pn	04 18 22.1	0.0
J08A	Circle Bar Ran	20.22 340	↑P	Pn	04 18 23.5	+0.3
QLMT	Quake Lak	20.26 355	ePn	Pn	04 18 26.2	+2.7
CCM	Cathedral Cave	20.27 44	ePn	Pn	04 18 23.1	-0.6
CCM	Cathedral Cave	20.27 44	ePn	Pn	04 18 23.1	-0.6
CCM	comp-Z, 44nm, 1.4s					
M02C	Callahan	20.28 329	↑P	Pn	04 18 24.0	+0.3
KHMM	Horse Mountain	20.31 327	ePn	Pn	04 18 27.6	+3.5
K06A	Valley Falls	20.34 336	↑P	Pn	04 18 25.0	+0.6

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H13A	Challis	20.34 349	↑P	P	04 18 25.2	+0.8
MCMT	McKenzie Canyo	20.40 352	ePn	P	04 18 26.1	+1.0
JCC	Jacoby Creek	20.41 326	↑P	P	04 18 25.0	-0.2
I10A	Payette	20.42 344	↑P	P	04 18 25.7	+0.4
H12A	Diamond D Ranc	20.43 348	P	P	04 18 26.7	+1.2
RLMT	Red Lodge	20.46 360	ePn	P	04 18 28.3	+2.5
L04A	Klamath Falls	20.47 332	↑P	P	04 18 25.1	-0.1
YBH	Yreka Blue Hor	20.48 330	P	P	04 18 25.6	-0.3
YBH	Yreka Blue Hor	20.48 330	ePn	P	04 18 29.6	+3.6
YBH	Yreka Blue Hor	20.48 330	Lg	LR	04 26 20.6	
YBH	Yreka Blue Hor	20.48 330	Lg	LR	04 18 25.6	-0.3
YBH	comp-Z, 0.6nm, 0.4s, baz=175, slow=6.7, SNR=3.5				04 22 19.3	+4.2
YBH	comp-Z, 0.3nm, 0.4s, baz=136, slow=14, SNR=1.9				04 26 20.6	
YBH	Yreka Blue Hor	20.48 330	P	P	04 18 25.6	-0.3
YBH	Yreka Blue Hor	20.48 330	S	P	04 18 29.6	+3.6
YBH	Yreka Blue Hor	20.48 330	Lg	LR	04 18 25.1	-0.1
J07A	Hines	20.51 338	↑P	P	04 18 26.9	+0.6
K05A	Summer Lake	20.52 335	P	P	04 18 27.4	+1.0
I09A	Lost Marbles R	20.57 342	↑P	P	04 18 26.5	-0.4
GLAT	Gillette	20.62 51	ePn	P	04 18 26.9	-0.7
G15A	Dillon	20.69 353	↑P	P	04 18 29.1	+0.9
J06A	Christmas Vall	20.69 337	P	P	04 18 28.6	+0.3
FVM	Chester	20.75 46	ePn	P	04 18 29.7	+0.8
I08A	Drewsey	20.75 340	↑P	P	04 18 28.8	-0.1
K04A	Chilquín	20.76 333	↑P	P	04 18 28.7	-0.3
H11A	Donnelly	20.82 346	↑P	P	04 18 29.3	-0.3
G13A	Cobalt	20.85 350	↑P	P	04 18 29.8	-0.2
H10A	Noss Angus R	20.88 345	↑P	P	04 18 30.1	-0.1
KRMB	Red Mountain	20.88 327	ePn	P	04 18 28.7	-1.6
G14A	Jackson	20.89 351	↑P	P	04 18 30.1	-0.2
DLMT	Dillon	20.90 353	↑P	P	04 18 30.6	+0.2
PLAL	Pickwick Lake	20.94 56	ePn	P	04 18 30.3	-0.7
BOZ	Bozeman (W)	21.09 355	↑P	P	04 18 32.2	-0.3
BOZ	Bozeman (W)	21.09 355	↑P	P	04 18 31.8	-0.7
J05A	Fort Rock	21.13 335	P	P	04 18 33.2	+0.3
GCMT	Greyhiff	21.14 359	ePn	P	04 18 32.3	-0.8
H09A	Durkee	21.18 343	↑P	P	04 18 33.6	0.0
I07A	Ize	21.20 339	↑P	P	04 18 33.9	+0.1
L02A	Cave Junction	21.22 329	↑P	P	04 18 33.7	-0.3
M01C	Crescent City	21.23 328	↑P	P	04 18 33.7	-0.4
BMO	Blue Mountains	21.27 344	ePn	P	04 18 34.5	0.0
HUMO	Hull Mountain	21.28 331	ePn	P	04 18 34.8	+0.2
HUMO	Hull Mountain	21.28 331	↑P	P	04 18 34.2	-0.4
I06A	Prineville	21.32 338	↑P	P	04 18 34.8	-0.2
H08A	Prairie City	21.33 341	P	P	04 18 35.3	+0.1
LHRM	Limekiln Ridge	21.34 354	ePn	P	04 18 35.6	+0.5
F15A	Butte	21.36 354	P	P	04 18 35.8	+0.4
SIUC	Southern Illin	21.40 48	ePn	P	04 18 36.2	+0.2
F14A	Wisdom	21.43 352	↑P	P	04 18 35.7	-0.5
J04A	Umpqua Nationa	21.44 333	↑P	P	04 18 35.5	-0.8
G11A	Walters Elk Ra	21.54 346	P	P	04 18 36.8	-0.6
F13A	Darby	21.55 350	P	P	04 18 37.2	-0.3
KBO	Bosley Butte	21.56 328	ePn	P	04 18 41.9	+4.3
WVT	Waverly	21.61 53	ePn	P	04 18 38.3	+0.1
G10A	Bishop Farm, J	21.63 345	↑P	P	04 18 37.8	-0.6
K02A	Glendale	21.65 330	↑P	P	04 18 37.1	-1.5
ECSD	EROS, StouxFal	21.65 25	ePn	P	04 18 38.8	+0.2
F12A	Elk City	21.67 348	↑P	P	04 18 38.0	-0.2
H07A	Lands Inn, Kim	21.68 339	↑P	P	04 18 38.0	-0.9
SCIA	State Center	21.72 34	ePn	P	04 18 39.9	+0.6
G09A	Cove	21.78 343	P	P	04 18 39.6	-0.4
I05A	Bend	21.79 336	↑P	P	04 18 41.6	+0.5

17d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Indian Meadow, HLID Hailey, DLMT Dillon, etc.

IDC 17 05:06:25.6:1.8,2454N,109.13W,h0km,mb3.8/2, mb1.4/2b,mb1mx3.9/24,mbtmp3.8/8,ML3.6/5,MS3.6/6, Ms1.3/0.6,ms1mx3.3/2,Error ellipse: s-maj=32.0km s-min=10.4km az=146.0

ISCJB 17 05:06:26.7:1.2,246N,0.1x10898W,006,h10km,mb4.2/16, MS3.5/4, Error ellipse: s-maj=15.7km s-min=8.2km az=3.3 NEIC 17 05:06:26.0:7.2,437N,109.04W,h10km,mb4.2/26, Error ellipse: s-maj=9.8km s-min=5.6km az=167.0

NEIC 17 05:06:26.0:7.2,437N,109.04W,h10km,mb4.2/26, Error ellipse: s-maj=9.8km s-min=5.6km az=167.0

NEIC 17 05:06:26.7:0.9,2428N,008.10902W,005,h10km,n88, c09187,mb4.2/17, MS3.5/4, Gulf of California

Main table of station data for the 17d 6h period, including stations like LPIG La Paz, TXAR Lajitas Array, GDL2 Guadalupe Moun, etc.

2007 JUL

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EDM Edmonton, DLBC Dease Lake, YKA Yellowknife Ar, etc.

THR 17 05:24:08.3:0.3,3884N,4879E,h15km,ML3.5 CSEM 17 05:24:10.9:0.5,3856N,4861E,h8km,ML3.5, Error ellipse: s-maj=17.1km s-min=11.7km az=63.0

ISCJB 17 05:24:11.6:0.8,3860N,006.4861E,009,h10km, Error ellipse: s-maj=11.0km s-min=7.9km az=148.2

ISC 17 05:24:12.0:0.8,3862N,006.4868E,008,h10km,n10, c154412,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRMI Germit, BRDA Brd, BRDA BRDA, etc.

ISCJB 17 05:48:34.5:1.9,538S,009.1296E,0.1,h199km,21km, mb3.5/2, Error ellipse: s-maj=25.4km s-min=12.0km az=158.2

NEIC 17 05:48:34.5:3.6,521S, 1297E,h197km,42km,mb4.6/3, Error ellipse: s-maj=46.1km s-min=23.8km az=58.0

IDC 17 05:48:36.9:4.3,528S,1298E,h225km,40km,mb3.2/2, mb1.3/5,mb1mx3.2/16,mbtmp3.2/5, Error ellipse: s-maj=74.8km s-min=13.5km az=69.0

ISC 17 05:48:41.0:1.6,567S,008.1296E,0.1,h274km,16km,n9, c1519/15,mb3.5/2,Banda Sea

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

ISCJB 17 05:59:49.7:0.6,3927N,002.2021E,0.05,h0km, Error ellipse: s-maj=5.7km s-min=3.0km az=177.8

THE 17 05:59:49.9,3928N,2020E,h0km,ML3.3 CSEM 17 05:59:50.7:0.2,3930N,2025E,h2km,ML3.3, Error ellipse: s-maj=6.8km s-min=2.4km az=94.0

ATH 17 05:59:50.5,3926N,2021E,h3km,MD3.4/4 ISC 17 05:59:50.4:0.6,3928N,002.2021E,0.05,h7km,6km,n16, c1510/27,Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

ISCJB 17 06:02:44.6:0.5,3926N,003.2810E,0.04,h3km,6km, Error ellipse: s-maj=5.5km s-min=3.6km az=36.7

CSEM 17 06:02:44.4:0.1,3927N,2810E,h10km,MD2.9, Error ellipse: s-maj=2.9km s-min=1.5km az=120.0

DDA 17 06:02:44.5,3926N,2810E,h7km,MD2.8 ISC 17 06:02:44.4,3927N,2809E,h7km,MD2.9

ISC 17 06:02:45.1:0.4,3926N,003.2810E,0.04,h6km,7km,n19, c054127,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BALB Balikesir, AKHS Akhisar, AKS Akhisar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GDZ Gaziya, AYVA Ayalik, AYVA Ayalik, etc.

ISCJB 17 06:11:39.7:0.3,276S,005.3599E,008,h10km,mb4.3/28, MS3.4/4, Error ellipse: s-maj=11.8km s-min=6.5km az=26.3

BUI 17 06:11:39.2,261S,3533E,h23km,mb4.7,M4.8,Msz4.7 IDC 17 06:11:40.9:0.6,273S,3618E,h0km,mb4.2/13, mb1.4/14,mb1mx4.1/22,mbtmp4.2/14,ML4.1/1,MS3.5/5, Ms1.3/4/5,ms1mx3.1/24, Error ellipse: s-maj=20.5km s-min=10.4km az=123.0

NEIC 17 06:11:41.6:0.5,274S,3604E,h10km,mb4.5/10, Error ellipse: s-maj=17.2km s-min=9.4km az=121.0

ISC 17 06:11:41.7:0.3,277S,006.3599E,008,h10km, (h13km,1.5km;pP-P),n48,c1518/19,mb4.3/28,MS3.4/4,1C, Tanzania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbo, KMBO Kilima Mbo, MBAR Mbarara, etc.

MSCA Messina 20.30 196 eP Amb P 06 16 17.0 -0.1 MSCA Messina 20.30 196 eP Amb P 06 16 27.9

MOPA Mopani 21.10 192 eP Amb P 06 16 25.6 -0.8 MOPA Mopani 21.10 192 eP Amb P 06 16 33.4

SLR Silverton 20.04 197 eP Amb P 06 16 56.0 -0.7 SLR Silverton 20.04 197 eP Amb P 06 17 00.5

LBTB Lobatse 24.28 203 eP P 06 16 59.9 +0.7 LBTB Lobatse 24.28 203 eP P 06 17 00.5 +1.3

LBTB Lobatse 24.28 203 eP P 06 17 00.0 +0.8 LBTB Lobatse 24.28 203 eP Amb AMB 06 17 03.2

TSUM Tsumeb 24.30 226 eP P 06 17 00.1 +0.6 TSUM Tsumeb 24.30 226 eP Lg P 06 24 35.5

TSUM Tsumeb 24.30 226 eP P 06 17 01.6 +2.1 TSUM Tsumeb 24.30 226 eP Lg P 06 24 35.5

TSUM Tsumeb 24.30 226 eP P 06 16 58.7 -0.8 TSUM Tsumeb 24.30 226 eP Amb AMB 06 17 05.7

KSR Koster 24.56 200 eP P 06 17 00.4 -1.3 KSR Koster 24.56 200 eP Amb AMB 06 17 12.6

PRYS Parys 25.40 198 eP P 06 17 06.9 -2.6 PRYS Parys 25.40 198 eP Amb AMB 06 17 07.7

SEK Boshof 27.63 197 eP P 06 17 21.1 +0.5 BOSK Boshof 26.60 201 eP P 06 17 30.5 +0.7

BOSA Boshof 27.66 201 eP P 06 17 31.1 +1.3 BOSA Boshof 27.80 201 eP P 06 26 07.7

BOSA Boshof 27.66 201 eP Lg P 06 28 20.5 BOSA Boshof 27.66 201 eP Lg P 06 28 20.5

BOSA Boshof 27.66 201 eP Amb AMB 06 18 18.4 TOAO Torodi Ar. Sit 37.54 296 eP P 06 18 52.1 -4.2

TORD Torodi Ar. Bea 37.54 296 eP P 06 18 56.9 +0.5 TORD Torodi Ar. Bea 37.54 296 eP P 06 21 16.2 +1.7

TORD Torodi Ar. Bea 37.54 296 eP Lg P 06 34 34.5 TORD Torodi Ar. Bea 37.54 296 eP Lg P 06 34 34.5

CSS Prodromos 37.62 356 eP P 06 18 53.9 -2.8 CSS Prodromos 37.62 356 eP P 06 18 53.9 -2.8

MALT Malatya 40.94 3 eP P 06 19 23.1 -1.4 MALT Malatya 40.94 3 eP P 06 19 23.1 -1.4

DBIC Dimbokro 41.84 283 eP P 06 19 32.5 +0.2 DBIC Dimbokro 41.84 283 eP P 06 19 35.6 +3.3

DBIC Dimbokro 41.84 283 eP P 06 19 35.6 +3.3 DBIC Dimbokro 41.84 283 eP Lg P 06 21 08.9

KEST Kesra 45.70 329 eP Lg P 06 21 08.9 KEST Kesra 45.70 329 eP Lg P 06 21 08.9

AKASG Malin Array Be 53.58 355 eP P 06 21 06.8 +4.1 AKASG Malin Array Be 53.58 355 eP P 06 21 14.7 +2.0

GERES GERES Array B 54.94 342 eP P 06 21 22.0 +2.0 GERES GERES Array B 54.94 342 eP P 06 21 22.0 +2.0

ESDC Sonseca Array 55.92 323 eP P 06 21 22.0 +2.0 ESDC Sonseca Array 55.92 323 eP P 06 21 22.0 +2.0

AML Almayushu 56.24 33 eP P 06 21 23.3 +0.1 AML Almayushu 56.24 33 eP P 06 21 23.3 +0.1

TKM2 LKSA Lhasa 61.78 54 eP P 06 22 00.8 -0.1 TKM2 LKSA Lhasa 61.78 54 eP P 06 22 00.8 -0.1

MSK1 Makanchi Array 63.94 34 eP P 06 22 13.9 -1.1 MSK1 Makanchi Array 63.94 34 eP P 06 22 14.4 -0.6

MKAR Makanchi Array 63.94 34 eP P 06 22 14.4 -0.6 MKAR Makanchi Array 63.94 34 eP P 06 22 17.8 -0.9

KURK Kurchatov 64.53 28 eP P 06 22 25.2 +0.1 KURK Kurchatov 64.53 28 eP P 06 22 25.2 +0.1

CMAR Chiang Mai Arr 64.52 68 eP P 06 22 25.1 0.0 CMAR Chiang Mai Arr 64.52 68 eP P 06 22 25.1 0.0

WMQ Urumqi 65.49 39 eP P 06 22 25.1 0.0 WMQ Urumqi 65.49 39 eP P 06 22 25.1 0.0

WMQ Urumqi 65.49 39 eP P 06 22 25.1 0.0 WMQ Urumqi 65.49 39 eP P 06 22 25.1 0.0

Table with columns: CD2, LR, LR, comp-Z, 190nm, 9.6s, SONGINGO Array, WRA, PGC 17 06:21:12.3, 36.0, 5849N:13344W, h1km, ML2.8, 3, 60km, NEIC 17 06:21:11.1, 5838N:13339W, h0km, ML2.7(AEIC), 1D, After AEIC., Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SKAG Skagway, DLBC Dease Lake, DLBC Dease Lake, PLBC Pleasant Camp, WRAP Wrangell Island, WHY Whitehorse, WHY Whitehorse, WHY Whitehorse, WHY Whitehorse, WHY Deception Hill

ISCJB 17 06:21:46.3, 2.0, 1090S:007.16605E:009, h105km, 17km, mb4.3/20, Error ellipse: s-maj=15.0km s-min=10.7km az=156.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, AFI Afiamalu, ARMA Armadale, URZ Urewera, STKA Stephens Creek, WRAB Tennant Creek, WRA Warrungarra Arr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA Warrungarra Arr, RPA Rapa, RPZ Rapa, ASAR Alice Springs, ASAR Alice Springs

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PPT Papeete, MBWA Maribou Bar, ASAJ Asahikawa, PETK Petropavlovsk, VYDA Vanda, VYDA Vanda

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SBA Scott Base, CMAR Chiang Mai Arr, VYDA Vanda, VYDA Vanda, SBA Scott Base

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CMAR Chiang Mai Arr, SONMG Songoing Array, QSPA South Pole Qui, TRF Thorofore Moun, COLA College

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, YBH Yreka Blue Hor, MAW Maxwell, MAW Maxwell, EGAK Eagle, DAWY Dawson, NVAR Mina Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PDAR Pinedale Array, ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, YKA Yellowknife Arr, TXAR Lajitas Array, TXAR Lajitas Array, ARCES ARCES Array B, BOSB Boshof, NOA NORAS Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KEST Kesra, ESDC Sonseca Array, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ARCES ARCES Array B, BOSB Boshof, NOA NORAS Array, KEST Kesra, ESDC Sonseca Array, TORD Torodi Arr, TORD Torodi Arr

MEX 17 06:26:58.1, 1.1, 1513N-9322W, h20km, 22km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, THIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan, SCX San Cristobal, VHO Vista Hermosa

ISCJB 17 06:35:24.1, 0.7, 3688N:009.1353E:01, h379km, 6km, mb3.2/2, Error ellipse: s-maj=17.1km s-min=9.8km az=140.1

ISCJB 17 06:35:24.8, 1.2, 3697N:13544E, h379km, 12km, mb2.9/2, mb1 3.2/5, mb1mx2.8/25, mbtmtp3.0/5, Error ellipse: s-maj=24.4km s-min=22.9km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, THIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan, SCX San Cristobal, VHO Vista Hermosa

Table with columns: JKG Kaga, JWT Wachi, JGM Miyama, JGM Matsushiro, MAT Matsushiro, MAT Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro Arr, JSD Saijiyo, JSD Sado, JNY Ryogasaki, BSO1 BSO1, JMK Ichinoseki, JMK Ichinoseki, KSR5 Korea Array, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, WRA Warrungarra Arr, WRA Alice Springs, WRA Alice Springs

CSEM 17 06:38:38.6, 0.1, 1349N:4101E, h2km, mb3.9/1, Error ellipse: s-maj=2.8km s-min=1.8km az=64.0

ISCJB 17 06:38:40.0, 0.5, 1349N:004.4096E:004, h10km, mb3.9/8, MS3.6/1, Error ellipse: s-maj=6.6km s-min=5.5km az=141.2

ISCJB 17 06:38:39.5, 1.9, 1331N:4096E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.2/20, mbtmtp3.9/7, MS3.7/11, Ms1 3.6/11, ms1mx3.3/31, Error ellipse: s-maj=50.9km s-min=23.6km az=173.0

DHMR 17 06:38:41.4, 1.4, 12.16N:4165E, h3km, 22km, ML4.3

NEIC 17 06:38:41.2, 0.6, 1340N:4095E, h10km, mb3.9/1, Error ellipse: s-maj=16.3km s-min=12.2km az=56.0

ISC 17 06:38:41.4, 0.8, 1341N:005.4096E:005, h10km, n40, s-maj=15.6km az=122.0, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare, DAF Dafare

JMA 17 06:41:46.5, 0.3, 3312N:13787E, h365km, M3.4

NEIC 17 06:41:46.5, 3312N:13787E, h365km, MG3.4(JMA), After JMA

ISCJB 17 06:41:47.9, 0.6, 3323N:008.13782E:008, h353km, 5km, mb3.4/6, Error ellipse: s-maj=13.6km s-min=10.0km az=157.1

ISCJB 17 06:41:48.8, 1.2, 3326N:13784E, h344km, 15km, mb3.2/6, mb1 3.3/8, mb1mx3.1/24, mbtmtp3.2/8, Error ellipse: s-maj=37.1km s-min=16.4km az=7.0

ISC 17 06:41:49.0, 0.6, 3327N:008.13782E:008, h347km, 5km, n27, s-maj=33.6km, 3.4/6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TK04 Tokai 4, JIE Ise, JWZ Kosaga, JWY Kouya, JWD Odawara 2, JYN Shimob, JGM Miyama, JWT Wachi, JAI Aioi, JRY Ryogasaki, BSO1 Boso 1, MJAR Matsushiro Arr

Table with columns: MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, JMN Monobe, JTO Tsashimizu, JTS Saito, KSR5 Korea Array, SONMG Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, WRA Warrungarra Arr, ASAR Alice Springs, ARCES ARCES Array B, CLL Collm, GERES GERES Array B

IDC 17 06:53:09.7, 1.8, 268S:3613E, h0km, mb3.9/2, mb1 4.0/2, mb1mx3.5/20, mbtmtp3.9/2, MS3.3/1, Ms1 3.3/1, ms1mx2.7/24, Error ellipse: s-maj=19.8km s-min=15.6km az=122.0, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KMBO Kilima Mbogo, KMBO Kilima Mbogo, BOSB Boshof, TORD Torodi Arr, MKAR Makanchi Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TORD Torodi Arr, MKAR Makanchi Array, TORD Torodi Arr, MKAR Makanchi Array, TORD Torodi Arr, MKAR Makanchi Array

MEX 17 02:02:20.3, 1.1, 1401N-9327W, h8km, 52km, MD4.1, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, THIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan, SCX San Cristobal, VHO Vista Hermosa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, THIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan, SCX San Cristobal, VHO Vista Hermosa

MEX 17 07:21:47.6, 1.5, 1390N-9333W, h20km, 95km, MD4.1, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, THIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan, SCX San Cristobal

NEIC 17 07:28:20.3, 1557N:9832W, h10km, MD4.2(MEX), After MEX

MEX 17 07:28:23.6, 0.8, 1608N-9817W, h5km, 9km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PNIG Pinotepa, PNIG Pinotepa, PNO Pinotepa, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, ACX Acapulco, ACX Acapulco, HAIG Huatulco, HAIG Huatulco, CAIG Tehuacan, CAIG Tehuacan, TPIG Platanillo, TPIG Platanillo, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, PPM Popocatepetl, PPM Popocatepetl, IO Organos, IO Organos, PVTM Pico Tres Padr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PNIG Pinotepa, PNIG Pinotepa, PNO Pinotepa, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, ACX Acapulco, ACX Acapulco, HAIG Huatulco, HAIG Huatulco, CAIG Tehuacan, CAIG Tehuacan, TPIG Platanillo, TPIG Platanillo, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, PPM Popocatepetl, PPM Popocatepetl, IO Organos, IO Organos, PVTM Pico Tres Padr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PNIG Pinotepa, PNIG Pinotepa, PNO Pinotepa, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, ACX Acapulco, ACX Acapulco, HAIG Huatulco, HAIG Huatulco, CAIG Tehuacan, CAIG Tehuacan, TPIG Platanillo, TPIG Platanillo, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, PPM Popocatepetl, PPM Popocatepetl, IO Organos, IO Organos, PVTM Pico Tres Padr

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PNIG Pinotepa, PNIG Pinotepa, PNO Pinotepa, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, ACX Acapulco, ACX Acapulco, HAIG Huatulco, HAIG Huatulco, CAIG Tehuacan, CAIG Tehuacan, TPIG Platanillo, TPIG Platanillo, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, YAIG Yautepac, PPM Popocatepetl, PPM Popocatepetl, IO Organos, IO Organos, PVTM Pico Tres Padr

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NEIC 17 07:46:00.4480N:15220E, h5km, Mw4.3 Best double couple: M3.72000:1015 NP1:9249 00000: 8.7800000: 1.91.00000: NP2:96:76.00000: 8.12.00000: 1.8.84.00000: 1.7

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IMW, HLID, WVOR, FLYW, etc.

PGC 17 09:20:12.6:22.0,5823N,13353W,h1km,ML2.8/4,52km east of Juneau, Ak Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like SKAG, DLBC, etc.

IDC 17 09:30:57.1:1.4,2461N,109.12W,h0km,mb4.1/5,mb1.4/2.10,mb1mx4.0/23,mbtmp3.9/10,ML3.8/4,MS3.5/10,MS1.3/5.10,ms1mx3.3/35,Error ellipse: s-maj=29.8km s-min=10.1km az=145.0

ISCJB 17 09:30:59.3:0.7,2471N,006:10889W,004,h10km,mb4.2/17,MS3.5/4,Error ellipse: s-maj=9.0km s-min=5.3km az=2.4

NEIC 17 09:30:59.1:0.8,2442N,109.15W,h10km,mb4.1/31,Error ellipse: s-maj=11.2km s-min=6.3km az=177.0

ISC 17 09:30:58.1:0.6,2440N,005:10894W,004,h10km,n304,c0583/302,mb4.2/18,MS3.5/4,103C-96D, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like LPIG, TXAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ANMO, BC3, W15A, WUAZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PHWY, R05C, ELK, etc.

Table with columns: ID, Name, Az, El, P, Az, El, P. Rows include: 110A Noah's Angus R, BOZ Bozeman (W), BOZ Bozeman (W), GCMT Greycliff, J05A Fort Rock, H09A Durkee, I07A Ize, L02A Cave Junction, M01C Crescent City, LCCM Lewis and Clar, I06A Prineville, H08A Prairie City, F15A Butte, WVT Waverly, J04A Umpqua National, ECSD EROS, Sioux Fal, G11A Walters Elk Ra, F13A Darby, G10A Bishop Farm, K02A Granddiale, F12A Elk City, H07A Lands Inn, Kim, G09A Cove, I05A Bend, J03A Ideyl Park, E15A Deer Lodge, F11A Grangeville, H04A Tendick Farm, H06A Lindquist Farm, LAO LASA Array, G08A Pilot Rock, KEBM Edson Butte, HRY Holter Researc, IRO Indian Ridge, K01A Sixes, E13A Victor, J02A Umpqua, F09A S2 Ranch, Elgi, F10A Beach Ranch, E, H05A Madras, G07A Ruggs Ranch, H, E11A Bogner Ranch, L11A Bonner Ranch, CHMT Chamberlain M, M50 Missoula, CROR Criterion Ridg, D15A Lincoln, F08A Pendleton, I03A Eugene, G06A Carlson Farm, D14A Greenough, H04A Detroit Lake, E10A Myers Farm, Un, I02A Mapleton, D13A Huson, G05A Wamic, D12A Red Ives Fores, E09A Wood Farm, Sta, H00D Mount Hood Mea, H01A Klaveano Farm, H03A Soap Creek Ran, D10A Wagner Farm, O, EGMET Eagleton, C14A Swan Lake, CPCT Cooped Cave, D09A Jones Farm, Ri, D08A Wollman Farm, E06A Yakima, C10A Spilker Farm, B13A Whitefish, E05A Randle, D07A Quincy, TKL Tuckaleehes C, TKL, C09A Chrisman Ranch, F03A Seaside, LON Longme, C08A Higginbotham F, NEW Newport, B11A Sandpoint, E04A Onalaska, WTV Waterville, A13A Flathead Natio, ETW Entiat, C07A Waterville, WALA Waterton Lakes, D05A Enumclaw, E03A Lebam, A12A Yaak River Ran

Table with columns: ID, Name, Az, El, P, Az, El, P. Rows include: B09A Rice, A11A Hall Mountain, B08A Colville Reser, NLW Nelson Butte, AL0A Northport, B07A Winthrop, A09A Danville, C04A Grignon, A08A Turner Farm, O, NLWA Neilton Lookou, NLWA Neilton Lookou, A07A Ashnola River, COWI Conover, EYMN Ely, ULM Lac du Bonnet, EDM Edmont, DLBC Dease Lake, YKA Yellowknife Ar, YKA Yellowknife Ar, SJG San Juan, PETK Petropavlovsk, ARCES ARCES Array B, NOA NORSAR Array B

ISCJB 17 09:39:23.8.1.2, 3789N, 004.2029E, 007, h6km, 5km, Error ellipse: s-maj=9.9km s-min=7.2km az=164.8 CSEM 17 09:39:23.8.0.5, 3781N, 2032E, h0km, 1km, ML3.4, Error ellipse: s-maj=8.0km s-min=3.3km az=67.0 ATH 17 09:39:23.1, 3782N, 2031E, h5km, MD3.777 NEIC 17 09:39:23.1, 3782N, 2031E, h5km, MD3.7(ATH), After ATH.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time Res, Res. Rows include: VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, KFL Levkas, LKD Levkas, LKD Levkas, RLS Riolo of Patr, ITM Ithomi, EVR Evros, IGT Igoumenitsa, IGT Igoumenitsa, KEK Kerkira, AGG Agios Georgios, THL Thessaloniki, THL Thessaloniki, DID Didima, DID Didima, DID Didima, VLD Velia, LIT Litokhoron, GRG Griva, GRG Griva, PLG Polygyros, SOH Sokhos, KNT Kendrick

ISCJB 17 09:39:25.4.1.6, 2618S, 004.17772W, 003, h2km, 9km, mb5.5/100, MS6.0/235, Error ellipse: s-maj=6.9km s-min=4.0km az=144.0 IDC 17 09:39:26.0.4.2, 2613S, 17773W, h0km, mb5.2/22, Mb1.5/3/25, mb1mx5/3/26, mbtmp.5/1/25, ML4.2/2, MS5.8/19, Mb1.5/8/19, mb1mx5/6/24, Error ellipse: s-maj=15.5km s-min=12.4km az=142.0

GCMT 17 09:39:27.8.0.1, 2616S, 17763W, h10km, MW6.1/116, Moment Tensor Solution. s110,c247; s116,c396; Duration: 2s7 Moment tensor: Scale 10^18Nm; Mm-0.23±0.1; M00.12±0.1; M00.10±0.1; M00.17±0.3; M00.17±0.1; M00.02±0.3; Best double couple: M1.71800±0.1018 NP1.0±0.00000, 0.84.00000, 1-180.00000, NP2.0±0.00000, 0.89.00000, 1-172.00000; Principal axes: T 1.8320, Plg4.00000; Azm126.00000; N -0.2700, Plg84.00000, Azm86.00000; P -1.6050, Plg4.00000, Azm225.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 09:39:27.8.0.1, 2621S, 17774W, h10km, mb5.7/68, MS6.0/189, MW6.0 Error ellipse: s-maj=6.9km s-min=4.1km az=143.0, Moment Tensor Solution. s16 Moment tensor: Scale 10^18Nm; Mm-0.29; M00-0.29; M00.0.59; M00.0.8; M00.1.35; M00.0.15; Best double couple: M1.40000±0.1018 NP1.0±0.00000, 0.82.00000, 1-5.00000, NP2.0±0.00000, 0.85.00000, 1-172.00000; Principal axes: T 1.8320, Plg4.00000; Azm126.00000; N -0.2700, Plg84.00000, Azm86.00000; P -1.2900, Plg9.00000, Azm216.00000;

MOS 17 09:39:30.6.0.9, 2614S, 17780W, h33km, mb5.8/37, MS6.1/36 Error ellipse: s-maj=9.8km s-min=7.1km az=61.8 BUJ 17 09:39:31.0, 2607S, 17680W, h57km, mb6.1, mb5.3, MS6.1, MSz5.9 DJA 17 09:39:32.2, 2622S, 17777W, h10km, mb5.7/32 IGL 17 09:39:34.9, 2614S, 17777W, h54km, MS6.3 ISC 17 09:39:31.0, 1.4, 2625S, 003.17769W, 003, h29km, gkm, h40km, 3.1km, P, mb1.1, 0.80/657, mb5.5/99, MS6.0/235, 166C-175D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time Res, Res. Rows include: RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ Urewera, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, DZM Mont Dzumac, RAR Rarotonga, RAR Rarotonga, JOW Kumigami

Table with columns: ID, Name, Az, El, P, Az, El, P. Rows include: RAR comp=Z, 3.2nm, 0.3s, baz=360, slow=12, SNR=5.1, RAR comp=Z, 14.1m, 18.6s, baz=109, slow=30, FUNA comp=Z, 8.15m, 1.4s, 17.87 350 eP, RPZ Rata Peaks, 19.69 205 P, RPZ Rata Peaks, 19.69 205 P, RPZ Rata Peaks, 19.69 205 P, HNR Honiara, 27.00 304 eP, HNR Honiara, 27.00 304 eP, HNR Honiara, 27.00 304 eP, ARMA Armidale, 17.28 254 eP, ARMA Armidale, 17.28 254 eP, PPT Papeete, 27.43 77 eLQ, PPT Papeete, 27.43 77 eLQ, TIAR Tiarei, 27.63 78 eP, TIAR Tiarei, 27.63 78 eP, CNB Canberra Magne, 29.61 244 eP, CNB Canberra Magne, 29.61 244 eP, CAN Canberra, 29.90 244 eP, CAN Canberra, 29.90 244 eP, TAU Tasmania Univ, 32.97 231 eP, TAU Tasmania Univ, 32.97 231 eP, TOO Toolangi, 33.04 241 eP, TOO Toolangi, 33.04 241 eP, CTO Charters Town, 33.64 273 jP, CTO Charters Town, 33.64 273 jP, CTA Charters Town, 33.64 273 jP, CTA Charters Town, 33.64 273 jP, CTAO Charters Town, 33.64 273 eP, CTAO Charters Town, 33.64 273 eP, CTAO Charters Town, 33.64 273 eP, XMAS Kiritimati, 34.26 38 eP, XMAS Kiritimati, 34.26 38 eP, XMAS Kiritimati, 34.26 38 eP, STKA Stephens Creek, 35.88 251 eP, STKA Stephens Creek, 35.88 251 eP, STKA Stephens Creek, 35.88 251 eP, ADE Adelaide, 38.28 246 eP, ADE Adelaide, 38.28 246 eP, COEN Coen, 36.56 281 eP, COEN Coen, 36.56 281 eP, RKT Rikitea, 38.81 95 eS, RKT Rikitea, 38.81 95 eS, RKT Rikitea, 38.81 95 eS, PTCN Pitcairn Islan, 42.73 99 PFAKE, PTCN Pitcairn Islan, 42.73 99 PFAKE, ASAR Alice Springs, 44.37 262 P, ASAR Alice Springs, 44.37 262 P, WB2 Warramunga Arr, 44.37 268 eP, WB2 Warramunga Arr, 44.37 268 eP, WRAB Tennant Creek, 44.37 268 eP, WRAB Tennant Creek, 44.37 268 eP, WRAB Tennant Creek, 44.37 268 eP, WRA Warramunga Arr, 44.38 268 P, WRA Warramunga Arr, 44.38 268 P, WRA Warramunga Arr, 44.38 268 P, WRA Warramunga Arr, 44.38 268 P, KAKA Kakadu, 48.63 276 eP, KAKA Kakadu, 48.63 276 eP, POHA Pohakuola, 50.53 27 PFAKE, POHA Pohakuola, 50.53 27 PFAKE, KIP Kipapa, 51.08 24 eP, KIP Kipapa, 51.08 24 eP, SBA Scott Base, 52.19 184 eP, SBA Scott Base, 52.19 184 eP, SBA Scott Base, 52.19 184 eP, SBA Scott Base, 52.19 184 eP, Vnda Vanda, 52.24 186 P, Vnda Vanda, 52.24 186 P, FITZ Fitzroy Crossi, 52.76 267 eP, FITZ Fitzroy Crossi, 52.76 267 eP, FITZ Fitzroy Crossi, 52.76 267 eP, GUMO Guam, 53.80 313 eP, GUMO Guam, 53.80 313 eP, GUMO Guam, 53.80 313 eP, MIDW Midway, 54.15 0 PFAKE, MIDW Midway, 54.15 0 PFAKE, KLBK Kellerberrin, 56.05 248 eP, KLBK Kellerberrin, 56.05 248 eP, NWAO Narrogin (RS), 56.21 247 eP, NWAO Narrogin (RS), 56.21 247 eP, NWAO Narrogin (RS), 56.21 247 eP, MBWA Marble Bar, 57.05 261 eP, MBWA Marble Bar, 57.05 261 eP, MUN Mundaring, 57.25 247 eP, MUN Mundaring, 57.25 247 eP, BATI Baumata, 57.49 275 eP, BATI Baumata, 57.49 275 eP, CASEY Casey, 58.95 207 eP, CASEY Casey, 58.95 207 eP, CASEY Casey, 58.95 207 eP, CASEY Casey, 58.95 207 eP, RPN Rapa Nui, 60.35 108 PFAKE, RPN Rapa Nui, 60.35 108 PFAKE, KAPI Kappang, 63.23 278 PFAKE, KAPI Kappang, 63.23 278 PFAKE, KAPI Kappang, 63.23 278 PFAKE, QSPA South Pole Fuji, 63.85 180 PFAKE, QSPA South Pole Fuji, 63.85 180 PFAKE, DAV Davao City (W), 64.20 293 PFAKE, DAV Davao City (W), 64.20 293 PFAKE, DAV Davao City (W), 64.20 293 PFAKE, CBJ Chichi jima, 65.61 321 LR, CBJ Chichi jima, 65.61 321 LR, MIR Mirnyy, 65.95 206 jP, MIR Mirnyy, 65.95 206 jP, MIR Mirnyy, 65.95 206 jP, MIR Mirnyy, 65.95 206 jP, JOW Kumigami, 74.11 311 LR, JOW Kumigami, 74.11 311 LR

17d 9h

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like 117A Goodsprings, M05C Lookout, S09A Goldfinch, etc.

2007 JUL

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like P09A Austin, Q10A Clear Creek Ra, Z16A Perch Trail, etc.

576

Table with columns for ID, Name, Value, Unit, and other metrics. Includes entries like G05A Wamic, D03A Wishkah Elem., WUAZ Wupatki, etc.

BBB	Bella Bella	89.31	28	P	P	09 52 24.5	+0.4
M13A	Montello	89.32	42	↑	P	09 52 24.2	-0.2
B05A	Bryant	89.32	33	↑	P	09 52 24.3	0.0
A04A	Legoe Bay, Lum	89.33	33	↓	P	09 52 24.8	+0.5
E07A	Sunny Side	89.33	36	↑	P	09 52 24.4	+0.1
JCW	Jim Creek	89.35	34	eP	P	09 52 24.2	-0.2
RSW	Rattlesnake Hi	89.37	36	eP	P	09 52 24.6	+0.1
MA2	Magadan	89.37	34	eS	P	09 52 22.3	-1.9
MA2	MA2					10 02 59.0	-1.3
MA2	comp=Z,70nm,1.5s,mb5.8						
MA2	comp=Z,700nm,19.7s,MS5.1						
V19A	Window Rock	89.39	49	↑	P	09 52 25.4	+0.5
HAWA	Hanford	89.40	36	eP	P	09 52 24.7	0.0
HAWA	comp=Z,60nm,1.1s,mb5.8						
F08A	Pendleton	89.42	37	↑	P	09 52 24.8	0.0
MDW	Midway	89.42	36	↓	P	09 52 24.4	-0.3
I10A	Payette	89.43	39	↑	P	09 52 25.1	+0.2
P15A	Leamington	89.44	45	↑	P	09 52 25.4	+0.3
DUG	Dugway	89.46	44	eP	LR	09 52 26.8	+1.7
DUG	comp=Z,5um,19.0s,MS6.0						
MFID	Camas Ranch	89.57	40	↑	P	09 52 25.4	-0.2
N14A	Grayback Hills	89.61	43	↑	P	09 52 25.5	-0.4
T18A	Mexican Hat	89.62	48	↑	P	09 52 24.8	-1.2
BMO	Blue Mountains	89.62	38	eP	P	09 52 25.3	-0.5
BMO	comp=Z,80nm,2.0s,mb5.7						
G09A	Cove	89.63	38	P	P	09 52 25.7	-0.1
K12A	Draper Farm, C	89.64	41	↓	P	09 52 25.6	-0.3
D07A	Quincy	89.69	35	↑	P	09 52 23.6	-2.4
E08A	Dider Farm, El	89.71	36	↑	P	09 52 25.2	-1.0
O15A	The Old Anders	89.73	44	↑	P	09 52 25.0	-1.4
LNOR	Lincton Mounta	89.73	37	eP	P	09 52 25.8	-0.5
RPW	Rockport	89.73	34	eP	P	09 52 25.9	-0.3
GYA	Guyang	89.73	300			09 52 26.0	-0.8
GYA	AP					09 52 44.9	+8.8
GYA	Placeville					09 52 51.3	+1.2
GYA	XP					09 56 03.8	+4.3
GYA	PP					10 02 52.3	
GYA	SS					10 03 12.3	-4.5
GYA	SS					10 03 40.6	+8.4
GYA	SS					10 09 15.3	+0.8
GYA	AMB						
GYA	comp=Z,20nm,1.0s,mb5.4						
GYA	comp=Z,530nm,7.5s						
GYA	comp=N,3um,20.4s,MS5.7						
GYA	comp=E,2um,21.0s,MS5.7						
Q16A	Castle Valley	89.77	46	↑	P	09 52 25.9	-0.7
ETW	Entiat	89.77	35	eP	P	09 52 26.2	-0.2
H10A	Noah's Angus R	89.77	39	P	P	09 52 26.0	-0.5
NLU	North Lily Min	89.79	44	eP	P	09 52 26.0	+0.2
B06A	Marblemont	89.79	34	↑	P	09 52 25.6	-0.9
H11A	Placeville	89.80	40	↑	P	09 52 25.8	-0.8
A05A	Maple Falls	89.82	33	↓	P	09 52 26.1	-0.5
F09A	S2 Ranch, Elgi	89.83	37	P	P	09 52 26.6	-0.1
CRAG	Craig	89.84	24	eP	P	09 52 25.7	-0.8
CRAG	comp=Z,20nm,1.0s,mb5.4						
S18A	Hurst Farm, BI	89.85	47	↑	P	09 52 26.4	-0.7
P16A	Fountain Green	89.85	45	↓	P	09 52 26.8	-0.2
L13A	Double Diamond	89.88	42	↑	P	09 52 26.3	-0.8
J12A	Stokes Ranch	89.90	40	↑	P	09 52 26.3	-0.8
M14A	Sheep Mountain	89.90	43	↓	P	09 52 26.8	-0.3
TXAR	Lajitas Array	89.91	57	P	P	09 52 27.8	+0.2
TXAR	PKKPbc					10 10 00.7	+1.0
TXAR	PKKPbc					10 29 39.0	
TXAR	Lajitas Array	89.91	57	P	P	09 52 27.8	+0.2
TXAR	comp=Z,9.5nm,0.9s,mb5.1,baz=215,slow=6.1,SNR=23						
TXAR	PKKPbc					10 10 00.7	+1.0
TXAR	PKKPbc					10 29 39.0	
TXAR	comp=Z,0.7nm,1.1s,baz=104,slow=5.3,SNR=4.2					10 29 39.0	
TMUT	Trail Mountain	89.96	45	eP	P	09 52 28.2	+0.7
C07A	Waterville	89.96	35	P	P	09 52 26.6	-0.7
Y22C	IRIS PASSCAL I	89.98	52	↓	P	09 52 26.4	-1.4
LENM	Lemitar	89.99	52	eP	P	09 52 28.6	+0.8
G10A	Bishop Farm, J	90.00	38	↑	P	09 52 27.1	-0.4
LAZ	Ladron	90.00	51	eP	P	09 52 28.1	+0.3
WTV	Waterville	90.02	35	P	P	09 52 27.2	-0.4
N15A	Stansbury Isla	90.05	43	↓	P	09 52 27.1	-0.8
MPU	Maple Canyon	90.10	45	eP	P	09 52 28.6	+0.5
MPU	eP					09 52 31.9	+5.6
MPU	eP					09 52 38.2	-2.6
MPU	LR						
K13A	Stover Farm, H	90.13	41	↓	P	09 52 27.9	-0.3
D08A	Wollman Farm	90.15	36	P	P	09 52 28.2	+0.1
BJT	Baijiatauu	90.16	315	PFAKE	LR	09 52 40.0	+1.2
BJT	Beijing	90.17	315	P	P	09 52 30.1	+1.6
BJI	AP					09 52 44.9	+7.1
BJI	XP					09 52 50.8	+1.0
BJI	PP					09 56 01.1	-1.6
BJI	SS					10 03 18.9	-1.3
BJI	SS					10 09 18.5	-1.8
BJI	AMB						
BJI	AMB						
BJI	comp=N,5um,19.6s,MS6.0						
BJI	comp=E,3um,20.5s,MS6.0						
BJI	comp=Z,6um,22.8s,MS6.0						
E09A	Wood Farm, Sta	90.21	37	↓	P	09 52 27.1	-1.3
BNM	Barren Site	90.23	52	eP	P	09 52 29.0	+0.1
H11A	Donnelly	90.25	39	↑	P	09 52 27.8	-0.9
O16A	Springville	90.29	44	↓	P	09 52 28.7	-0.3
SRU	San Rafael	90.30	46	eP	P	09 52 29.2	+0.2
R18A	Canyonlands Na	90.30	47	↑	P	09 52 27.7	-1.4
LPM	Los Pinos Moun	90.31	52	eP	P	09 52 29.9	+0.7
SPUT	South Promonto	90.33	43	eP	P	09 52 33.5	+4.3
F10A	Beach Ranch, E	90.37	37	P	P	09 52 28.6	-0.6

HVU	Hansel Valley	90.41	43	eP	P	09 52 30.9	+1.4
CTU	Camp Tracy	90.41	44	eP	P	09 52 35.5	+5.9
M15A	Larsen Ranch,	90.42	43	↓	P	09 52 29.4	-0.2
B07A	Wintrop	90.44	34	P	P	09 52 29.2	-0.2
S19A	Harvey Farm, M	90.44	48	↓	P	09 52 29.0	-0.8
OD2	Odessa Site #2	90.47	36	P	P	09 52 29.6	-0.1
D09A	Jones Farm, RI	90.47	36	↓	P	09 52 28.8	-0.8
HLID	Hailey	90.48	40	eP	LR	09 52 29.9	+0.1
HLID	HLID						
HLID	comp=Z,69nm,21.0s	90.48	40	↑	P	09 52 29.1	-0.8
PMR	Palmer	90.52	13	eP	P	09 52 29.0	-0.5
PMR	comp=Z,40nm,1.3s,mb5.6						
PMR	Palmer	90.52	13	eP	LR	09 52 28.6	-0.9
PMR	comp=Z,5um,18.0s,MS6.0						
J13A	Cove Ranch, PI	90.52	41	↓	P	09 52 29.3	-0.8
TTA	Tatalina	90.53	10	↓	P	09 52 29.2	-0.4
TTA	TTA					09 52 41.3	
G11A	Walters Elk Ra	90.54	38	↑	P	09 52 29.4	-0.7
C08A	Higginbotham F	90.55	35	↓	P	09 52 29.3	-0.7
JLU	Jordanelle	90.55	44	eP	P	09 52 31.2	+1.0
DAU	Daniels Canyon	90.56	44	eP	P	09 52 31.4	+1.1
MVCO	Mesa Verde	90.58	48	eP	P	09 52 31.1	+0.7
MVCO	comp=Z,5um,18.0s,MS6.0						
MVCO	Mesa Verde	90.58	48	↓	LR	09 52 29.6	-0.8
K14A	Jones Ranch, D	90.61	42	↓	P	09 52 29.4	-1.1
R19A	Curley Farm, L	90.66	47	↓	P	09 52 29.6	-1.2
A07A	Ashnola River,	90.69	34	↑	P	09 52 30.0	-0.6
E10A	Myers Farm, Un	90.75	37	↓	P	09 52 29.7	-1.3
ANMO	Albuquerque	90.77	51	eP	P	09 52 31.7	+0.3
ANMO	comp=Z,41nm,1.2s,mb5.6						
ANMO	ePP					09 56 09.4	+1.9
ANMO	LR						
ANMO	comp=Z,6um,19.0s,MS6.1						
ANMO	Albuquerque	90.77	51	P	P	09 52 31.5	+0.1
B08A	Colville Reser	90.77	35	P	P	09 52 30.4	-0.7
H12A	Diamond D Ranch	90.82	40	↑	P	09 52 30.9	-0.5
DIV	Divide	90.83	15	eP	P	09 52 31.0	0.0
DIV	comp=Z,47nm,0.9s,mb5.8						
GD2L	Guadalupe Moun	90.84	54	eP	P	09 52 34.0	-6.3
WRAK	Wrangle Island	90.85	23	eP	P	09 52 32.2	+0.4
WRAK	comp=Z,40nm,0.9s,mb5.8						
WRAK	comp=Z,5um,19.0s,MS5.9						
PV10	Paradox Valley	90.86	47	eP	P	09 52 31.6	-0.1
I13A	Widow's Cree	90.86	40	↓	P	09 52 30.6	-1.0
F11A	Grangeville	90.90	38	P	P	09 52 30.1	-1.6
C09A	Chrisman Ranch	90.96	35	P	P	09 52 31.7	-0.2
NANT	Nan	90.96	290	P	P	09 52 31.0	-1.7
BMRM	Bremner River	90.97	15	eP	P	09 52 31.0	-0.7
LOCO	Las Campanas	91.01	123	PFAKE	LR	09 52 40.0	+7.2
LOCO	comp=Z,6um,20.0s,MS6.0						
D10A	Wagner Farm, O	91.02	36	P	P	09 52 31.7	-0.5
Q19A	Hogan Spring (	91.03	46	↓	P	09 52 32.0	-0.5
PV01	Paradox Valley	91.03	47	eP	P	09 52 32.6	+0.1
E11A	Boggs Ranch,	91.16	37	P	P	09 52 32.1	-0.8
H13A	Challis	91.17	40	↓	P	09 52 32.6	-0.4
A08A	Turner Farm, O	91.18	34	↓	P	09 52 32.4	-0.5
PNL	Peninsula	91.22	18	eP	P	09 52 32.8	0.0
TIV	Taiyuan	91.31	312	↑	P	09 52 38.6	+4.8
TIV	comp=Z,1um,4.9s						
TIV	comp=N,5um,15.6s,MS6.1						
TIV	comp=E,2um,14.9s,MS6.1						
F12A	Elk City	91.32	38	P	P	09 52 32.9	-0.7
B09A	Rice	91.42	35	P	P	09 52 33.2	-0.8
C10A	Spilker Farm,	91.48	36	↓	P	09 52 33.4	-1.0
G13A	Cobalt	91.50	39	↓	P	09 52 33.2	-1.4
D11A	Klaveano Farm,	91.52	37	↓	P	09 52 33.8	-0.8
A09A	Daniels Canyon	91.55	34	↑	P	09 52 33.7	-0.9
B10A	Chitwood Farm,	91.82	36	↓	P	09 52 34.9	-1.0
XAN	Xi'an	91.83	307	P	P	09 52 39.6	+3.3
XAN	AP					09 52 49.1	+3.4
XAN	XP					09 52 53.8	+4.8
XAN	S					10 03 38.3	+2.7
XAN	SS					10 09 45.4	+0.8
XAN	AMB						
XAN	AMB						
XAN	comp=Z,10.0nm,1.1s,mb5.1						
XAN	comp=N,2um,23.2s,MS6.0						
XAN	comp=E,5um,23.2s,MS6.0						
NEW	Newport	91.85	36	P	P	09 52 36.8	+0.7
NEW	comp=Z,1um,25.1s,MS6.2						
F13A	Darby	91.86	39	P	P	09 52 35.3	-0.9
TRF	Thorofare Moun	91.98	12	eP	P	09 52 34.8	-1.5</

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NNA, RLMT, BTO, GCMT, PHWY, PBIW, Billa, BILL, DAWW, EGAK, LVC, EGMT, CLNS, WMOK, HKT, TGUH, EDM, LAO, RSSD, CBKS, YAK, TEIG, OTAV, DGMT, LPAZ, KSUJ, INK, SONM, GAT, BCIP, VBMS, YKA, ECSD, OXF, CCM, SCIA, ZAK, FFC, LSA, BRAL, TLY, PALK, PLAL, DGAR, TIXI, ULM.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WWT, HDIL, JFWS, WCI, DWPF, GOGA, COWI, TZTN, SDV, LHS, AAM, GLMI, WMQ, ERPA, CBN, ZALV, ZAL, MK31, MKAR, MKAR, BINY, TRIS, BDFB, SJG, NCB, ABPO, AAA, KURK, GRGR, HRV, LBNH, WES, SUR, TKM2, UCH, MSEY, AML, EKS2, PKME, BBGH, BOSA, BOSA, BBST, KBL, SCHO, SCHO, BRVK, LBTB, KBS, KBS, SFJD, SUMM, SVE, SVE, SVE.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SVE, ARU, ARU, SOKR, BJO, LSZ, TSUM, LVZ, KEV, APA, ARCS, JMJC, KMB, KLMB, BORG, JOF, JOF, MAK, KAF, KAF, MOS, MOS, MOS, MOS, MOS, NSS, VRHR, VRHR, VRHR, OBN, OBN, OBN, GNI, GNI, GNI, VRSR, VRSR, VRSR, VORD, VORD, VORD, BHD, CLDR, KARS, ARTV, BCA, SIRT, NB2, NB2, NOA, ERZM, EZM, NAO1, NAO1, BTMT, BNGL, KOPT, BINT, MARD, KTTM, MACK, BER, BER, MINK, MINK, MINK, DNYA, GUMU, KONO, KONO, ANN, ANN, ANN.

Table with columns: CMIG, Station Name, Time, Res, ISC. Includes stations like Matias Romero, Hualtulo, Oaxaca, Vista Hermosa, Tegucigalpa, etc.

ISCJB 17 11:39:51.1, 2.7, 203S.02:1770W.03, h212km, 34km, mb3.2/3, Error ellipse: s-maj=47.1km s-min=25.9km az=40.0

IDC 17 11:39:52.5, 3.2, 2025S.17695W, h12km, 38km, mb3.1/3, mb1 3.5/5, mb1mx3.3/18, mbtmp3.3/5, Error ellipse: s-maj=36.4km s-min=22.0km az=135.0

ISC 17 11:39:52.5, 2.5, 203S.02:1770W.03, h211km, 32km, n5, o65/6, mb3.2/3, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Afiamalu, URZ Urewera, ASAR Alice Springs, etc.

ISCJB 17 11:42:12.6, 0.7, 246N.01:9489E.008, h139km, 7km, mb3.9/6, Error ellipse: s-maj=22.0km s-min=6.6km az=26.3

IDC 17 11:42:13.7, 3.5, 2473N.9514E, h123km, 35km, mb3.4/5, mb1 3.5/6, mb1mx3.3/23, mbtmp3.4/6, Error ellipse: s-maj=41.2km s-min=15.0km az=65.0

ISC 17 11:42:13.8, 0.7, 246N.01:9491E.009, h131km, 9km, n17, o64/26, mb3.9/6, Myanmar-India border region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Imphal, Shillong, Taplejung, etc.

Table with columns: JIRN, GUN, PKI, KKN, DMN, MKAR, SONM, JOW, ZALV, WRA, ASAR. Includes stations like Jiri, Gumba, Pulchoki, etc.

ISCJB 17 12:01:03.4, 1.4, 384S.01:1763E.01, h187km, 11km, Error ellipse: s-maj=20.6km s-min=11.1km az=143.9

WEL 17 12:01:07.3, 0.3, 3825S.17626E, h143km, 2km, ML3.6/7, Error ellipse: s-maj=2.2km s-min=1.9km az=0.0

NEIC 17 12:01:07.3, 3825S.17626E, h144km, MG3.8(WEL), After o65/76, North Island

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Urewera, Black Stump Fm, Matawai, etc.

JMA 17 12:37:59.0, 0.1, 4087N.14229E, h38km, 4km, M3.6, 1C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Nango, Nangobayashi, Ohata, etc.

BJL 17 12:42:44.4, 1.335N.12106E, h141km, mb5.0, mb5.0, Error ellipse: s-maj=5.4km s-min=3.3km az=171.1

IDC 17 12:42:46.4, 0.7, 1344N.12087E, h132km, 6km, mb4.2/20, mb1 4.3/21, mb1mx4.3/25, mbtmp4.2/21, MS3.9/2, Ms1 3.9/2, ms1mx3.1/28, Error ellipse: s-maj=16.4km s-min=7.4km az=75.0

MAN 17 12:42:46, 1352N.12070E, h104km, mb5.6, ML4.6, MS5.0, MAN INTENSITY III - MAMBURAO, OCCIDENTAL - MINDORO, MOS 17 12:42:47.1, 1.1, 1359N.12089E, h150km, mb4.7/20, Error ellipse: s-maj=12.2km s-min=6.5km az=116.4

NEIC 17 12:42:48.7, 1.3, 1346N.12085E, h151km, 12km, mb4.8/15, Error ellipse: s-maj=7.5km s-min=4.7km az=74.0

NEIC Felt (III PIVS) at Mamburao, DJA 17 12:42:54, 1358N.12053E, h162km, mb5.1/14, ISC 17 12:42:57.3, 0.2, 1355N.002:12085E.003, h132km, 2km,

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Mindoro, Tagaytay City, Lubang, etc.

ISCJB 17 12:42:57.3, 0.2, 1355N.002:12085E.003, h132km, 2km, mb4.8/77, Error ellipse: s-maj=5.4km s-min=3.3km az=171.1

IDC 17 12:42:46.4, 0.7, 1344N.12087E, h132km, 6km, mb4.2/20, mb1 4.3/21, mb1mx4.3/25, mbtmp4.2/21, MS3.9/2, Ms1 3.9/2, ms1mx3.1/28, Error ellipse: s-maj=16.4km s-min=7.4km az=75.0

MAN 17 12:42:46, 1352N.12070E, h104km, mb5.6, ML4.6, MS5.0, MAN INTENSITY III - MAMBURAO, OCCIDENTAL - MINDORO, MOS 17 12:42:47.1, 1.1, 1359N.12089E, h150km, mb4.7/20, Error ellipse: s-maj=12.2km s-min=6.5km az=116.4

NEIC 17 12:42:48.7, 1.3, 1346N.12085E, h151km, 12km, mb4.8/15, Error ellipse: s-maj=7.5km s-min=4.7km az=74.0

NEIC Felt (III PIVS) at Mamburao, DJA 17 12:42:54, 1358N.12053E, h162km, mb5.1/14, ISC 17 12:42:57.3, 0.2, 1355N.002:12085E.003, h132km, 2km,

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like Mamburao, Mamburao, Mamburao, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like HHC, SHL, CN2, CN2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like STKA, STKA, PET, PET, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like QUAZ, CPD, PLCA, etc.

17d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIS Lisbon, PMAFR Mafrã, PBRG Bragança, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU, BRVK Borovoye, VOSK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like EBH Black Hill, MAW Mawson, PGBU Glenferbraes, etc.

MA2	Magadan	104.66	29	PFAKE	LR	14 25 00.0	+11
MA2	Magadan	104.66	29	PFAKE	LR	14 25 00.0	+10
WES	Weston	104.87	313	PFAKE	LR	14 25 00.0	+10
LBNH	Lisbon	104.97	315	PFAKE	LR	14 25 00.0	+10
HRV	Adam Dzewonski	105.03	313	PFAKE	LR	14 29 20.0	+15
NCB	Newcomb	106.65	315	PFAKE	LR	14 29 20.0	+12
BILL	Bilibino	106.68	18	PFAKE	LR	14 29 20.0	+12
BILL	Bilibino	106.68	18	eP	Pdf	14 24 57.4	-0.3
BILL	Bilibino	106.68	18	eS	SKSac	14 35 42.5	+5.8
BILL	Bilibino	106.68	18	eSS	PS	14 38 48.1	+6.1
BILL	Bilibino	106.68	18	eSS	SS	14 44 34.4	+8.5
BILL	Bilibino	106.68	18	eSS	SS	14 44 34.4	+8.5
LONY	Lake Ozonia	106.76	316	PFAKE	LR	14 29 20.0	+11
SDV	Santo Domingo	107.17	378	PFAKE	LR	14 29 20.0	+10
SDR	Presas de Saban	105.52	289	PFAKE	LR	14 29 20.0	+9.3
CTAO	Charters Tower	107.70	112	PFAKE	LR	14 29 20.0	+9.0
BINY	Binghamton	108.30	314	PFAKE	LR	14 29 20.0	+8.5
GUMO	Guam	108.73	77	PFAKE	LR	14 29 20.0	+6.9
CBN	Corbin	110.23	310	PFAKE	LR	14 29 30.0	+15
PETK	Petrovavsk	110.68	33	PKIP	PKIPK	14 29 14.8	-0.8
ERPA	Erie	111.20	314	PFAKE	LR	14 29 30.0	+13
PET	Petrovavsk	111.24	33	PFAKE	LR	14 29 30.0	+13
MCWV	Mont Chateau	111.76	312	PFAKE	LR	14 29 30.0	+12
NNA	Nana	111.94	256	PFAKE	LR	14 29 30.0	+11
BLA	Blacksburg	112.82	309	PFAKE	LR	14 29 30.0	+10
GLMI	Grayling	113.54	318	PFAKE	LR	14 29 30.0	+8.7
NHSC	New Hope	113.59	305	PFAKE	LR	14 29 30.0	+8.2
AAM	Ann Arbor	113.74	315	PFAKE	LR	14 29 30.0	+8.2
ACSO	Alum Creek Sta	113.91	313	PFAKE	LR	14 29 30.0	+7.8
OTAV	Otavallo	114.71	269	PFAKE	LR	14 29 40.0	+16
TZTN	Tazewell	115.41	309	PFAKE	LR	14 29 40.0	+15
DWPF	Disney	115.67	300	PFAKE	LR	14 29 40.0	+14
COWI	Conover	115.97	321	PFAKE	LR	14 29 40.0	+14
GOGA	Godfrey	116.19	306	PFAKE	LR	14 29 40.0	+13
BCIP	Isla Barro Col	116.22	279	PFAKE	LR	14 29 40.0	+13
IMA2	Indian Mountai	116.50	5	PKP	PKP	14 29 26.1	-0.3
EYMN	Ely	116.59	324	ePKP	Pdf	14 29 26.1	-1.0
YKA	Yellowknife Ar	116.66	345	PKP	PKP	14 29 26.4	-0.4
YKA	Yellowknife Ar	116.66	345	PKP	PKP	14 30 32.6	-1.2
YKA	Yellowknife Ar	116.66	345	PKP	PKP	14 39 55.6	-0.7
YKA	Yellowknife Ar	116.66	345	PKP	PKP	14 29 26.4	-0.4
YKA	Yellowknife Ar	116.66	345	PKP	PKP	14 30 32.6	-1.2
BLO	Bloomington	116.84	313	PKIP	PKP	14 29 31.6	+3.7
WCI	Wyandotte Cave	116.98	312	PFAKE	LR	14 29 40.0	+12
ULM	Lac du Bonnet	117.90	327	PKP	PKP	14 29 28.6	-1.0
ULM	Lac du Bonnet	117.90	327	PKP	PKP	14 29 28.6	-1.0
COLA	College	118.02	2	ePKP	Pdf	14 29 28.2	-1.2
JFWS	Jewell Farm	118.03	318	PFAKE	LR	14 29 40.0	+10
EGAK	Eagle	118.16	359	ePKP	Pdf	14 29 28.8	-0.8
FFC	Flin Flon	118.18	334	PFAKE	LR	14 29 40.0	+10
HDIL	Hopedale	118.32	315	PFAKE	LR	14 29 40.0	+9.3
DAW	Bear Paw Mtn	118.64	4	ePKP	Pdf	14 29 27.9	-0.9
AGMN	Agassiz Refuge	118.95	326	ePKP	Pdf	14 29 32.2	+0.6
SMY	Shemya	119.28	28	PFAKE	LR	14 29 40.0	+7.9
TRF	Thorofare Moun	119.33	3	ePKP	Pdf	14 29 31.1	-0.9
PLAL	Pickwick Lake	119.39	309	PFAKE	LR	14 29 40.0	+7.1
PPLA	Purkeypille	119.75	4	ePKP	Pdf	14 29 31.6	-1.1
BRAL	Brewton	119.76	304	PFAKE	LR	14 29 50.0	+16
SCIA	State Center	120.45	318	PFAKE	LR	14 29 50.0	+15
OXF	Oxford	120.58	309	PFAKE	LR	14 29 50.0	+15
CCM	Cathedral Cave	120.69	313	ePKP	Pdf	14 29 35.0	-0.3
CCM	Cathedral Cave	120.69	313	PKIP	PKP	14 29 35.0	0.0
SVW2	Sparrevohn	121.19	7	ePKP	Pdf	14 29 35.1	-0.4
PMR	Palmer	121.24	3	PFAKE	LR	14 29 50.0	+14

RC01	Rabbit Creek A	121.71	3	ePKP	Pdf	14 29 35.9	-0.6
ECSD	EROS,Sioux Fal	121.77	321	ePKP	Pdf	14 29 35.8	-1.4
DIV	Divide	121.83	1	ePKP	Pdf	14 29 36.9	+0.1
SNZO	South Karori	122.05	144	PFAKE	LR	14 29 50.0	+12
VBMS	Vicksburg	122.22	307	PFAKE	LR	14 29 50.0	+12
SLKM	Skilak Lake	122.26	4	ePKP	Pdf	14 29 37.0	-0.6
SLKM	Skilak Lake	122.26	4	PKIP	PKP	14 29 37.3	-0.3
EYAK	Cordova Ski Ar	122.41	1	ePKP	Pdf	14 29 37.7	-0.2
HNR	Honiara	122.57	103	PFAKE	LR	14 29 50.0	+10
SEW	Seward	122.71	3	ePKP	Pdf	14 29 38.3	-0.2
TGUH	Teeguicalpa,Un	123.19	285	PFAKE	LR	14 29 50.0	+9.3
TEIG	Tepich	123.29	292	PFAKE	LR	14 29 50.0	+9.2
DGMT	Dagmar	123.32	330	PFAKE	LR	14 29 50.0	+10
DLBC	Dease Lake	123.52	351	ePKP	Pdf	14 29 39.6	-0.5
MIAR	Mount Ida	123.78	310	ePKP	Pdf	14 29 42.9	+1.6
EDM	Edmonton	123.88	339	ePKP	Pdf	14 29 41.1	+0.2
KSU1	Kansas State U	124.04	317	ePKP	Pdf	14 29 42.0	+0.3
KDAK	Kodiak Island	124.76	6	ePKP	Pdf	14 29 42.6	+0.1
LAO	LASA Array	125.53	329	PFAKE	LR	14 30 00.0	+16
WRAK	Wrangell Islan	125.80	352	ePKP	Pdf	14 29 44.5	-0.1
RSSD	Black Hills	125.99	325	ePKP	Pdf	14 29 45.1	-0.2
RSSD	Black Hills	125.99	325	ePKP	Pdf	14 29 45.1	-0.2
EGMT	Eagleton	126.33	332	ePKP	Pdf	14 29 44.9	-0.9
EGMT	Eagleton	126.33	332	ePKP	Pdf	14 29 47.1	+0.9
PAYG	Puerto Ayora	126.47	267	PFAKE	LR	14 30 00.0	+13
HKT	Hockley	127.28	306	PFAKE	LR	14 30 00.0	+12
HKT	Hockley	127.28	306	PFAKE	LR	14 30 00.0	+12
WMOK	Wichita Mounta	127.59	313	eP	Pdf	14 29 50.6	+2.4
WMOK	Wichita Mounta	127.59	313	eP	Pdf	14 29 48.2	-0.4
A13A	Flathead Natio	127.68	336	PKIP	PKIP	14 29 49.8	+0.8
GCMT	Greycliff	127.88	330	PKP	PKP	14 29 49.0	+0.2
B13A	Whitefish	128.14	336	PKIP	PKIP	14 29 51.0	+1.1
RLMT	Red Lodge	128.15	329	ePKP	Pdf	14 29 50.6	+1.2
A12A	Yaak River Ran	128.18	337	PKIP	PKIP	14 29 50.8	+0.9
C14A	Swan Lake	128.31	335	PKIP	PKIP	14 29 51.5	+1.2
D15A	Lincoln	128.32	333	PKIP	PKIP	14 29 51.0	+0.7
A11A	Hall Mountain,	128.43	337	PKIP	PKIP	14 29 51.5	+1.1
C13A	Hot Springs	128.73	335	PKIP	PKIP	14 29 51.9	+0.8
D14A	Greenough	128.73	334	PKIP	PKIP	14 29 51.6	+0.5
CHMT	Chamberlain Mo	128.75	334	ePKP	Pdf	14 29 50.4	0.0
E15A	Deer Lodge	128.84	333	PKIP	PKIP	14 29 52.1	+0.8
B11A	Sandpoint	128.86	337	PKIP	PKIP	14 29 51.6	+0.3
A10A	Northport	128.87	338	PKIP	PKIP	14 29 51.7	+0.4
BOZ	Bozeman (W)	128.94	331	ePKP	Pdf	14 29 50.4	-0.5
BOZ	Bozeman (W)	128.94	331	PKIP	PKP	14 29 51.9	+1.0
BOZ	Bozeman (W)	128.94	331	PKIP	PKP	14 29 52.9	+1.4
LKWY	Lake	129.12	330	PFAKE	LR	14 30 00.0	+8.8
M50	Missoula	129.22	324	ePKP	Pdf	14 29 51.5	+0.3
D13A	Huson	129.14	334	PKIP	PKIP	14 29 52.2	+0.2
F15A	Butte	129.21	332	PKIP	PKIP	14 29 52.9	+0.8
E14A	Dillon	129.23	333	PKIP	PKIP	14 29 52.7	+0.6
A09A	Danville	129.25	339	PKIP	PKIP	14 29 53.6	+1.5
NEW	Newport	129.29	337	ePKP	Pdf	14 29 52.8	+1.4
B10A	Chitwood Farm,	129.30	337	PKIP	PKIP	14 29 52.7	+0.5
YMR	Madison River	129.33	330	PFAKE	LR	14 30 00.0	+8.4
RWWY	Rawlins	129.33	325	ePKP	Pdf	14 29 50.4	-1.4
A08A	Turner Farm, O	129.31	339	PKIP	PKIP	14 29 53.2	+0.6
H13A	Victor	129.52	334	PKIP	PKIP	14 29 53.5	+0.8
ISCO	Idaho Springs	129.55	322	ePKP	Pdf	14 29 52.4	+0.2
B09A	Rice	129.55	338	PKIP	PKIP	14 29 53.3	+0.6
D12A	Red Ives Fores	129.55	335	PKIP	PKIP	14 29 52.6	-0.2
FLWY	Flagg Ranch	129.61	329	PKP	PKP	14 29 54.6	+2.4
DLMT	Dillon	129.61	332	ePKP	Pdf	14 29 52.5	+0.3
AMTX	Amarillo	129.62	314	PFAKE	LR	14 30 00.0	+7.5
G14A	Wisdom	129.64	333	PKIP	PKIP	14 29 53.6	+0.7
C10A	Spiker Farm,	129.73	337	PKIP	PKIP	14 29 53.1	+0.1
KV7A	Ashnola River,	129.82	340	PKIP	PKIP	14 29 53.6	+0.4
A07A	Kingsville	129.83	304	PFAKE	LR	14 30 00.0	+6.9
IMW	Indian Meadows	129.86	329	ePKP	Pdf	14 29 53.3	+0.6
MOOW	Moose Pond	129.87	329	ePKP	Pdf	14 29 52.7	0.0
BW06	Boulder Array	129.93	327	PFAKE	LR	14 30 00.0	+7.2
PDAR	Pinedale Array	129.93	327	PKP	PKP	14 29 52.3	-0.5
D11A	Klavanso Farm,	129.96	336	PKIP	PKIP	14 29 53.6	0.0
B08A	Colville Reser	130.04	339	PKIP	PKIP	14 29 54.2	+0.5
F13A	Darby	130.09	333	PKIP	PKIP	14 29 54.6	+0.7
G14A	Jackson	130.11	332	PKIP	PKIP	14 29 55.1	+1.2
C09A	Chrisman Ranch	130.11	338	PKIP	PKIP	14 29 54.7	+0.9

MCMT	McKenzie Canyo	130.13	331	ePKP	Pdf	14 29 53.4	+0.2
A06A	Chilliwick	130.14	341	ePKP	Pdf	14 29 54.0	+0.1
TPAW	Teton Pass	130.16	329	ePKP	Pdf	14 29 53.3	0.0
REDW	Red Top Meadow	130.21	329	ePKP	Pdf	14 29 53.6	+0.3
B07A	Winthrop	130.23	340	PKIP	PKIP	14 29 54.8	+0.7
JCT	Junction City	130.23	308	PKP	PKP	14 29 55.4	+1.6
D10A	Wagner Farm, O	130.34	336	PKIP	PKIP	14 29 54.4	+0.1
C08A	Higginbotham F	130.41	338	PKIP	PKIP	14 29 54.9	+0.4
A05A	Maple Falls	130.42	341	PKIP	PKIP	14 29 54.3	-0.2
E11A	Bogner Ranch,	130.46	335	PKIP	PKIP	14 29 54.1	-0.4
F12A	Elk City	130.52	334	PKIP	PKIP	14 29 54.9	+0.2
G13A	Cobalt	130.58	333	PKIP	PKIP	14 29 55.4	+0.5
OD2	Odessa Site #2	130.62	338	ePKP	Pdf	14 29 54.1	+0.1
SDCO	Great Sand Dun	130.69	320	ePKP	Pdf	14 29 54.6	+0.2
D09A	Jones Farm, RI	130.74	337	PKIP	PKIP	14 29 56.0	+0.9
AHID	Auburn Hatcher	130.75	328	PFAKE	LR	14 30 10.0	+16
SMCO	Snowmass	130.76	322	ePKP	Pdf	14 29 54.3	-0.2
F11A	Grangeville	130.81	335	PKIP	PKIP	14 29 55.3	0.0
A04A	Legoe Bay, Lum	130.86	342	PKIP	PKIP	14 29 56.0	+0.6
C07A	Waterdale	130.86	339	PKIP	PKIP	14 29 55.9	+0.5
D08A	Wollman Farm,	130.97	338	PKIP	PKIP	14 29 56.2	+0.6
H13A	Challis	130.99	332				

Table with columns: SRU, MPU, Name, Date, Time, and various codes. Includes entries like San Rafael, Maple Canyon, Prairie City, Harvey Farm, M, etc.

Table with columns: J05A, J04A, P12A, X19A, I03A, U06A, L07A, M08A, O10A, K05A, S14A, Y19A, I02A, Q02A, J04A, T15A, P11A, X18A, R13A, BMN, J03A, CCUT, W17A, M07A, N08A, O09A, U15A, R12A, Z19A, WUAZ, K04A, MOD, MOD, T14A, J02A, S13A, L05A, Y18A, V15A, N19A, N07B, W16A, X17A, P09A, L04A, HUMO, HUMO, R11A, U14A, T13A, K02A, Q10A, Z18A, S12A, M06C, Z19A, X16A, N06A, M04C, P08A, W15A, O07A, Z17A, Y17A, M05C, N18A, K01A, R10A, U13A, Q09A, V14A, Z19A, Y16A, S11A, T11A, L02A, YBH, YBH, T12A, X15A, O06A.

Table with columns: ELFS, W14A, P07A, M03C, Z18A, U12A, S10A, V13A, R09A, HATC, Z16A, N17A, M02C, Z18A, TPH, TUC, Y15A, X14A, P06A, O04C, BEKR, Z07A, R08A, W13A, S09A, NVAR, O05C, WCN, TPNV, TPNV, Z17A, Y14A, WDC, X13A, N02C, V11A, Z16A, P05C, W12A, U10A, O03C, N15A, R06C, Z14A, JCC, GRAC, ORV, NEE2, O02C, R07C, S08C, R05C, PDMC, LDFC, FURC, Y13A, SHOC, MLAC, LAVA, TUQ, SUTB, TIN, GASS, O01C, Q04C, S06C, GMRC, DAC, DAC, Y12C, Z14A, CMB, MPMC, KCC, IRM, CWC, R04C, N13A, P01C, GSC, GSC.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes entries like PLRO Paularo, ZOU Zoufplan, CSMI Casera Mimosias, etc.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes entries like BRG Berggiesshubel, BRG Berggiesshubel, BRG Berggiesshubel, etc.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes entries like ETOS Mallorca, SMF Signal de Mont, SMF Signal de Mont, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like BPAW Bear Paw Mtn, AGMN Agassiz Refuge, MCK McKinley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like TXAR 2.0,6nm,0.9s,baz=56,slow=6.7,SNR=4.0, TXAR Lajitas Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include stations like GRM Grahamstown, CVNA Calvina, SUR Sutherland, etc.

Table listing astronomical observations with columns for station name, time, and residuals. Includes stations like CD2, ARCES, SNAIA, LANZHOU, GUYIANG, etc.

Table listing astronomical observations with columns for station name, time, and residuals. Includes stations like SCH0, IMA2, EGAK, EGMT, WMOK, etc.

Table listing astronomical observations with columns for station name, time, and residuals. Includes stations like VAY, PLG, CFAA, FCH, TLL, etc.

Table with columns: VAY, Valandovo, 1.38 31 ePg, Pg, 18 53 25.9 -1.3, OHR, comp=N,60nm,0.7s, eLg, 19 36 20.0

Table with columns: OHR, comp=N,60nm,0.7s, eLg, 19 36 20.0, OHR, comp=E,55nm,0.5s, eLg, 19 36 17.8 -2.1

Table with columns: CAUP, Cauayan, 7.28 334 eP, Pn, 19 53 19.6 +3.0, ISCJB 17 20:00:48.9:0.3, 4015N:002:2160E:003, h10km, Error

Table with columns: ISCJB 17 19:13:47.0:5, 4015N:002:2162E:004, h9km, 8km, Error ellipse: s-maj=5.7km s-min=3.6km az=172.7

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

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

Table with columns: ISCJB 17 19:35:05.0:0.5, 4013N:003:2162E:005, h17km, 10km, Error ellipse: s-maj=6.8km s-min=4.5km az=159.1

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

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

Table with columns: ISCJB 17 19:35:41.2:0.4, 4016N:002:2162E:004, h6km, 9km, Error ellipse: s-maj=5.3km s-min=3.4km az=165.5

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

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

Table with 5 columns: KEK, Kerkira, 1.47 253 ePB, Pb, 20 06 29.9 +1.0, SOH, Sokhos, 1.48 62 ePg, Pp, 20 06 27.3 -2.1, NEO, Neokhori, 1.49 124 ePB, Pp, 20 06 27.5 -1.7

NEIC 1720:11:22.8, 4011N-2132E, h4km, MD3.0(ATH), ML2.4(TH) After ATH.
ISCJB 1720:11:26.0, 4015N-2156E, h12km, 5km, Error ellipse: s-maj=8.5km s-min=5.3km az=169.5

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Kozani, Metsovon, Florina, Klokotos Trika, Litokhoron, Evrytania.

IDC 1720:17:25.6, 1.6, 863S-12449E, h0km, mb3.8/2, mb1 4.0/5, mb1mx3.7/17, mbtmp3.8/5, ML3.8/3, Error ellipse: s-maj=49.4km s-min=20.6km az=74.0

ISCJB 1720:17:26.4, 0.9, 887S-007:12467E, h0km, mb3.8/2, Error ellipse: s-maj=11.9km s-min=8.5km az=148.8

NEIC 1720:17:27.1, 0.7, 884S-12418E, h10km, Error ellipse: s-maj=21.3km s-min=8.2km az=58.0

ISC 1720:17:29.0, 0.9, 899S-007:12461E, h0km, h35km, n11, r=142.9, mb3.8/2, Timor region

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Baumata, Fitzroy Crossi, Marbie Bar, Warramunga Arr, Tennant Creek, Alice Springs, Chiang Mai Arr, Makanchi Array.

ISCJB 1720:23:26.9, 0.6, 85S-01:15724E, h0km, mb3.8/8, MS3.4/2, Error ellipse: s-maj=18.0km s-min=6.9km az=15.9

NEIC 1720:23:28.0, 0.8, 864S-15732E, h10km, mb4.2/1, Error ellipse: s-maj=24.4km s-min=15.9km az=183.0

IDC 1720:23:28.6, 1.1, 843S-15708E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.9/17, mbtmp3.9/8, ML4.2/1, MS3.3/3, MS1 3.3/3, ms1mx2.9/29, Error ellipse: s-maj=25.0km s-min=25.0km az=90.0

ISC 1720:23:28.1, 0.6, 865S-01:15733E, h0km, n14, r=0.999, 15, mb3.8/8, MS3.4/2, Bougainville - Solomon Islands region

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Honiara, Metsovon, Florina, Klokotos Trika, Litokhoron, Bitola, Ohrid, Evrytania, Kruzevo.

NIED 1720:40:00, 2340N-12360E, h14km, Mw3.9 Best double couple: M8.76000-1014 NP1.22100000, 882.00000, 1-160.00000, NP2.2128.00000, 870.00000, 7-8.00000

BUI 1720:40:54.9, 2360N-12360E, h10km, mb4.5, mb4.5, ML3.7

NEIC 1720:40:56.0, 0.9, 2361N-12363E, h10km, mb2.6, Error ellipse: s-maj=23.0km s-min=10.2km az=189.0

ISCJB 1720:40:57.4, 1.1, 2340N-007:12357E, h0km, h38km, mb4.0/10, Error ellipse: s-maj=12.4km s-min=6.8km az=167.6

JMC 1720:40:58.1, 0.2, 2343N-12362E, h47km, 2km, M4.0

IDC 1720:41:10.3, 7.0, 2465N-12396E, h88km, 73km, mb3.4/5, mb1 3.4/7, mb1mx3.3/22, mbtmp3.4/7, ML3.2/1, Error ellipse: s-maj=54.1km s-min=22.8km az=60.0

ISC 1720:40:58.1, 1.2, 2344N-006:12359E, h0km, h30km, n27, r=0.985/38, mb4.0/10, Southwestern Ryukyu Islands

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Hateruma jima, Kuro-shima, Iriomote-Funao, Ishigaki jima, Yonaguni jima.

Table with 10 columns: YOJ, Tarama, 1.57 40 eS, Sn, 20 41 32.8 0.0, NACB, Ninganchiao, 1.97 292 ePn, Sn, 20 41 24.0 +0.1, etc.

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov, Kuzatov.

KRSC 1720:45:14.9, 2.1, 5371N-16746E, h21km, 20km, ML4.0, Komandorsky Islands region

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Mys Kozlova, Krutoberegovo, Mys Shipunski, Tumrok, Bairnaya, BDR, BZMR, Sorokina, Kamenistaya, Kirishev, Koyto, NLC, Avacha, Petropavlovski, Ruskashiro, Ganaly.

ATH 1720:50:06.5, 4017N-2139E, h4km, MD3.2/4

ISCJB 1720:50:08.3, 0.5, 4014N-203:2156E, h0km, h12km, 5km, Error ellipse: s-maj=6.7km s-min=4.7km az=3.5

CSEM 1720:50:08.7, 0.1, 4016N-2155E, h10km, ML2.9, Error ellipse: s-maj=3.8km s-min=2.3km az=74.0

THE 1720:50:08.8, 4016N-2157E, h10km, ML2.9

SKO 1720:50:09.0, 4009N-2157E, h12km, ML2.4

ISC 1720:50:08.6, 0.5, 4015N-2156E, h0km, h15km, 5km, n15, r=180/28, Greece

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Kozani, Metsovon, Florina, Klokotos Trika, Litokhoron, Bitola, Ohrid, Evrytania, Kruzevo, Kerkira.

ISCJB 1720:57:51.4, 1.0, 4016N-2156E, h0km, h10km, Error ellipse: s-maj=8.7km s-min=5.0km az=162.5

THE 1720:57:51.7, 4016N-2156E, h0km, ML2.6

CSEM 1720:57:52.4, 0.1, 4017N-2157E, h2km, ML2.6, Error ellipse: s-maj=2.1km s-min=1.3km az=78.0

ATH 1720:57:52.9, 4013N-2172E, h4km, MD3.0/3

ISC 1720:57:51.8, 1.0, 4016N-2156E, h0km, h11km, 21km, n6, r=0.42/11, Greece

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Kozani, Florina, Klokotos Trika, Litokhoron, Bitola, Ohrid, Evrytania, Kruzevo, Kerkira.

ATH 1721:02:17.9, 4060N-2392E, h25km, 2km, MD3.4/6

ISCJB 1721:02:17.6, 0.3, 4061N-002:2389E, h0km, h4km, Error ellipse: s-maj=3.3km s-min=2.6km az=42.1

CSEM 1721:02:19.3, 0.1, 4059N-2385E, h20km, ML3.0, Error ellipse: s-maj=1.2km s-min=1.1km az=45.0

THE 1721:02:19.2, 4058N-2385E, h10km, ML3.0

BE0 1721:02:20.6, 0.8, 4060N-2382E, h14km, 3km, ML2.7/8

ISC 1721:02:18.7, 0.3, 4058N-002:2387E, h0km, h12km, 3km, n42, r=1916/69, 1C, Greece

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Ouranopolis, Polygyros, Sokhos, Horiatia, Thessaloniki, Nevrokopi, Kendrikon, Mousomiste, Limnos, Litokhoron, Griva, Limnos Island, Valandovo, Rozhen, Xorichthi, Neokhori, Rodhopi, Alonnissos, Kerdzhalii, Alexandroupoli, Stip, Klokotos Trika, Agios Georgios, Vitosha, Kruzevo, Barje, Yambol, Zavoj, Boljevac, Divibare, Muntele Rosu, Buzias, Buzias.

NEIC 1720:48:44.5, 1593N-9870W, h25km, MD4.1(MEX), After MEX.

MEX 1720:48:43.9, 1.0, 1590N-9871W, h20km, 51km, MD4.1, Off coast of Guerrero

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Pinotepe, Acapulco, Mezcala, Vista Hermosa, Oaxaca, Platanillo, Mezcala, Zihuatanejo, Popocatepeti.

SKO 1721:09:24.6, 4004N-2151E, h13km, M2.1, ML2.3

CSEM 1721:09:25.9, 0.1, 4018N-2160E, h15km, MD3.2, Error ellipse: s-maj=3.5km s-min=2.6km az=79.0

ISCJB 1721:09:25.0, 0.5, 4015N-202:2163E, h0km, h7km, 6km, Error ellipse: s-maj=5.1km s-min=3.9km az=168.7

ATH 1721:09:25.3, 4015N-2162E, h19km, 1km, MD3.2/5

THE 1721:09:25.9, 4017N-2162E, h0km, ML4.0

NEIC 1721:09:25.3, 4015N-2162E, h19km, h19km, MD3.2(ATH), ML4.0(TH) After ATH.

ISC 1721:09:25.9, 0.4, 4015N-003:2164E, h0km, h5km, 5km, n23, r=0.996/33, Greece

Table with 10 columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s, ISC, Res h m s, ISC. Includes stations like Kozani, Metsovon, Klokotos Trika, Litokhoron, Bitola, Ohrid, Evrytania, Kruzevo, Kerkira.

THE 1722:24:21.2, 4016N-2161E, h1km, ML3.5
TIR 1722:24:22.1, 1.1, 3929N, 1935E, h72km, 99gkm
PDG 1722:24:24.6, 0.3, 3962N, 1932E, h14km, 11km, ML3.0/B,
Error ellipse: s-maj=83.0km s-min=7.4km az=90.0
ISC 1722:24:21.3, 0.3, 4015N, 002:2163E, 002, h2km, 3gkm, n79,
a=120/128, 8C-4D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kozani, Metsovon, Klokotos Trika, Florina, Litokhoron, etc.

SKO 1722:31:14.8, 3998N-2140E, h0km
ATH 1722:31:14.4, 4023N-2152E, h31km, 12km, MD3.1/6
ISCJB 1722:31:17.0, 0.4, 4014N, 003:2154E, 005, h24km, 6gkm,
Error ellipse: s-maj=6.8km s-min=4.5km az=178.8
CSEM 1722:31:17.0, 0.1, 4017N, 2156E, h18km, 2km, MD3.1, Error
ellipse: s-maj=2.8km s-min=1.6km az=84.0
NEIC 1722:31:17.3, 0.4, 107N-2159E, h8km, MD3.1 (ATH),
ML2.8 (THE), After

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kozani, Metsovon, Florina, Klokotos Trika, etc.

IDC 1722:42:26.5, 1.5, 2333N-12137E, h0km, mb4.0/3,
mb1.4, 1/4, mb1mx3.6/21, mbtmsp3.9/4, ML3.8/1, MS3.1/3,
MS1.3/2/3, ms1mx2.9/19, Error ellipse: s-maj=75.6km
s-min=25.9km az=65.0
NEIC 1722:42:27.4, 2.3, 2339N-12141E, h7km, 15km, mb3.9/3,
Error ellipse: s-maj=21.6km s-min=9.4km az=66.0
ISCJB 1722:42:31.9, 2356N, 002:12162E, 002, h28km, 2km,
mb3.9/6, MS3.1/3, Error ellipse: s-maj=3.1km s-min=2.1km
az=136.7
JMA 1722:42:31.7, 0.3, 2354N, 12162E, h85km, M3.3
TAP 1722:42:31.9, 2357N, 12154E, h33km, ML4.2
TAP Felt I J at Chiayi, I J at Nanau, I J at Mingjian, I J at
Alishan, I J at Hehuanshan, I J at Chengchung, I J at
Huailien, I J at Yuli, I J at Shilin, I J at Hungye

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Jichi Village, Hungye, Shilin, Shoufeng Towns, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Neicheng Sandimen, Nanjuang, ILA, Ta-ch'eng, Sshu, Yiju, Shoushan, Jiouru, Jiali, Anshuo, Tawu, Yung-k'ang, Hsinchu, Taipei, Muicha, National Center, etc.

ATH 1722:48:29.8, 4025N-2187E, h30km, 3km, MD3.0/3
ISCJB 1722:48:31.4, 0.6, 4017N, 003:2158E, 005, h15km, 14km,
Error ellipse: s-maj=6.7km s-min=5.1km az=11.7
CSEM 1722:48:31.1, 0.1, 4017N, 2159E, h15km, ML2.5, Error
ellipse: s-maj=1.7km s-min=1.3km az=104.0
THE 1722:48:31.1, 4016N-2161E, h3km, ML2.5
ISC 1722:48:30.8, 0.7, 4016N, 003:2160E, 005, h19km, 8km, n13,
a=65/62, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kozani, Metsovon, Florina, Klokotos Trika, etc.

ATH 1722:51:49.8, 4016N-2157E, h18km, MD2.9/3
ISCJB 1722:51:50.9, 0.5, 4016N, 003:2161E, 004, h20km, 7km,
Error ellipse: s-maj=5.8km s-min=4.4km az=2.5
CSEM 1722:51:50.5, 0.1, 4017N, 2160E, h19km, ML2.4, Error
ellipse: s-maj=1.9km s-min=1.5km az=100.0
THE 1722:51:50.4, 4017N-2160E, h6km, ML2.4
ISC 1722:51:50.3, 0.5, 4016N, 002:2161E, 004, h19km, 6km, n17,
a=75/91, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kozani, Kozani, Kozani, Metsovon, Florina, Klokotos Trika, etc.

CSEM 1722:28:06.9, 3939N-2033E, h43km, MD3.5/4, After ATH
ATH 1722:28:06.9, 3939N-2033E, h43km, MD3.5/4,
Greece-Albania border region

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

Code Station Name Az Phase ID Time Res ISC. Lists stations like Kozani, Kozani, Kozani, Metsovon, Florina, Klokotos Trika, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WDC, GLA, GSC, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TPNV, Z14A, TPH, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G03A, O09A, SNY, etc.

W17A	Winslow	87.94	49	↑P	P	00 20 25.6	-0.2
Z19A	T-Link Ranch, baz=88	87.94	51	↑P	P	00 20 25.5	-0.2
I07A	Ize	87.95	38	↓P	P	00 20 25.0	-0.6
TDL	Tradedollar La	88.01	35	↑P	P	00 20 26.1	+0.3
M10A	I.L. Ranch, Tu	88.03	41	↓P	P	00 20 25.9	-0.1
K09A	Rome	88.07	40	↓P	P	00 20 27.2	+1.1
N11A	Elko Archery C	88.08	42	↑P	P	00 20 27.3	+1.1
F05A	White Salmon	88.08	36	↑P	P	00 20 27.7	+1.6
G06A	Carlson Farm,	88.09	36	↑P	P	00 20 27.2	+1.1
X18A	Snowflake	88.15	50	↑P	P	00 20 26.5	-0.2
D04A	Dobbs Creek Ra	88.22	34	↓P	P	00 20 26.6	-0.1
H07A	Lands Inn, Kim	88.25	37	↑P	P	00 20 26.6	-0.3
U16A	Tuba City	88.26	48	↑P	P	00 20 27.1	-0.1
R14A	James Farms, M	88.26	45	↑P	P	00 20 27.0	-0.1
P13A	Bates Ranch, G	88.31	44	↑P	P	00 20 27.5	+0.2
Y19A	Nutrosio	88.32	51	↑P	P	00 20 26.8	-0.7
ELK	Elko	88.33	42	eP	P	00 20 27.1	-0.3
ELK	comp=Z,35nm,1.3s,mb5.4			ePcP	PcP	00 20 30.6	+1.5
ELK				ePP	PP	00 23 56.5	+0.8
ELK				LR	LR		
ELK	comp=Z,847nm,20.0s,MS5.2			P	P	00 20 27.3	-0.1
O12A	Currie	88.34	43	↓P	P	00 20 27.2	-0.3
DIB	Dawson Inlet,	88.36	25	↓P	P	00 20 31.3	+4.0
I08A	Drewsey	88.36	38	↓P	P	00 20 26.9	-0.6
F06A	Goldendale	88.36	36	↓P	P	00 20 29.3	-0.2
VIB	Van Inlet	88.37	25	↓P	P	00 20 30.2	+2.9
E05A	Randle	88.38	35	↓P	P	00 20 27.1	-0.4
L10A	Juniper Basin	88.41	41	↓P	P	00 20 27.2	-0.6
M11A	Holland Ranch,	88.42	42	↓P	P	00 20 27.8	0.0
J09A	Fry Pan Ranch,	88.46	39	↓P	P	00 20 27.8	-0.1
T16A	Glen Canyon D	88.48	47	↓P	P	00 20 27.5	-0.7
Q14A	Sevier Lake (B	88.50	45	↓P	P	00 20 27.5	-0.7
GNW	Green Mountain	88.52	34	eP	P	00 20 28.2	+0.1
N12A	Clover Valley,	88.52	42	↓P	P	00 20 27.7	-0.6
B04A	Port Angeles	88.52	33	↓P	P	00 20 27.6	-0.6
C04A	Brinnon	88.55	33	↑P	P	00 20 27.8	-0.5
X19A	St. Johns	88.55	50	↓P	P	00 20 27.4	-1.2
K10A	MacKenzie Ranc	88.61	40	↑P	P	00 20 28.1	-0.6
W18A	Petrified Fore	88.62	49	↑P	P	00 20 28.0	-0.9
G07A	Ruggs Ranch, H	88.63	37	↓P	P	00 20 28.3	-0.4
D05A	Enumclaw	88.68	34	↑P	P	00 20 28.6	-0.4
R15A	Junction	88.69	46	↑P	P	00 20 28.5	-0.7
H03A	Prairie City	88.69	38	↓P	P	00 20 28.5	-0.5
O18A	Hicks Ranch, I	88.73	43	↑P	P	00 20 29.4	+0.1
E06A	Yakima	88.77	35	↑P	P	00 20 29.1	-0.3
V18A	Canado	88.82	49	↓P	P	00 20 29.3	-0.5
U17A	Shonto	88.83	48	↓P	P	00 20 29.8	-0.1
W19A	Sanders	88.86	50	↓P	P	00 20 30.7	+0.7
I09A	Lost Marbles R	88.86	39	↑P	P	00 20 30.2	+0.4
L11A	Cat Creek Ranc	88.89	41	↑P	P	00 20 30.3	+0.3
SVW2	Sparrevohn	88.90	11	eP	P	00 20 31.4	+1.8
MSU	Marysvalde	88.92	46	eP	P	00 20 30.8	+0.5
M12A	Wells	88.93	42	↑P	P	00 20 29.9	-0.4
PGC	Sidney	88.95	33	eP	P	00 20 30.0	-0.2
PGC	comp=Z,193nm,1.1s,mb3.3			ePcP	PcP	00 20 33.9	+2.3
PGC				ePP	PP	00 23 59.9	-0.6
RMW				PP	PP	00 20 30.2	0.0
P14A	Rattlesnake Mo	88.96	34	↓P	P	00 20 30.6	0.0
N13A	Wendover, West	89.03	43	↓P	P	00 20 30.3	-0.4
G08A	Pilot Rock	89.03	37	↑P	P	00 20 30.2	-0.3
J10A	Berg Farm, Mel	89.07	40	↓P	P	00 20 30.3	-0.5
Q15A	Fillmore	89.08	45	↓P	P	00 20 30.6	-0.4
FCH	Farellones	89.08	127	eP	P	00 20 32.2	+0.8
K11A	Parker Ranch,	89.09	40	↑P	P	00 20 30.6	-0.3
C05A	Tolt Reservoir	89.17	34	↓P	P	00 20 31.0	-0.2
U18A	Rough Rock, Ch	89.25	48	↓P	P	00 20 31.3	-0.6
D06A	Cle Elum	89.27	35	↓P	P	00 20 31.5	-0.1
H09A	Durkee	89.34	38	↓P	P	00 20 31.4	-0.6
SLKM	Skilak Lake	89.34	13	eP	P	00 20 31.3	-0.3
SLKM	Skilak Lake	89.34	13	eP	P	00 20 31.2	-0.5
BBB	Bella Bella	89.35	28	LR	LR	00 57 16.6	
M13A	Montello	89.35	42	↑P	P	00 20 31.7	-0.5
B05A	Bryant	89.35	33	↓P	P	00 20 31.9	-0.1
A04A	Legoe Bay, Lum	89.36	33	↓P	P	00 20 31.9	-0.2
E07A	Sunnyside	89.37	36	↓P	P	00 20 31.9	-0.3
JCW	Jim Creek	89.39	34	eP	P	00 20 32.6	+0.5
RSW	Rattlesnake Hi	89.40	36	eP	P	00 20 32.2	-0.1
MA2	Magadan	89.41	345	eP	P	00 20 30.9	-1.1
MA2	Magadan	89.41	345	eP	P	00 20 32.3	+0.3
MA2				e	S	00 24 04.1	
MA2				eS	S	00 31 17.2	-1.8
MA2				eSSS	S	00 40 42.7	
MA2	comp=Z,100nm,1.5s,mb5.9			P	P	00 20 31.9	-0.2
V19A	Window Rock	89.42	49	↓P	P	00 20 32.4	-0.3
HAWA	Hanford	89.43	36	eP	P	00 20 32.4	0.0
HAWA	comp=Z,5um,22.0s,MS5.9			LR	LR		
F08A	Pendleton	89.45	37	↑P	P	00 20 32.0	-0.6
I10A	Payette	89.46	39	↓P	P	00 20 32.2	-0.4
P15A	Leamington	89.47	45	↓P	P	00 20 32.4	-0.4
DUG	Dugway	89.50	44	eP	P	00 20 32.7	-0.2
DUG	comp=Z,23nm,1.4s,mb5.3			ePP	PP	00 24 02.5	-2.5
DUG				LR	LR		
DUG	comp=Z,4um,19.0s,MS5.8			P	P		

DUG	Dugway	89.50	44	eP	P	00 20 32.7	-0.2
DUG				e	P	00 24 02.5	
DUG	comp=Z,23nm,1.4s,mb5.3			Pmax	Pmax		
MFID	Camas Ranch	89.61	40	↑P	P	00 20 32.8	-0.6
N14A	Grayback Hills	89.65	43	↑P	P	00 20 33.3	-0.3
T18A	Mexican Hat	89.65	48	↑P	P	00 20 33.1	-0.6
BMO	Blue Mountains	89.66	38	eP	P	00 20 32.9	-0.6
BMO	comp=Z,69nm,1.4s,mb5.8			ePcP	PcP	00 20 36.2	+1.4
BMO				LR	LR		
G09A	Cove	89.66	38	↑P	P	00 20 32.7	-0.9
K12A	Draper Farm, C	89.67	41	↓P	P	00 20 33.1	-0.6
D07A	Quincy	89.72	35	↓P	P	00 20 33.4	-0.4
E08A	Dider Farm, El	89.74	36	↑P	P	00 20 33.2	-0.7
GYA	Guiyang	89.75	30	P	PP	00 20 35.9	+1.5
GYA				PP	PP	00 24 10.8	+3.5
GYA				SKS	S	00 51 04.9	
GYA				S	S	00 31 26.6	+2.9
GYA				SS	SS	00 37 27.0	+5.3
GYA	comp=Z,30nm,1.0s,mb5.6			AMB	AMB		
GYA				AMB	AMB		
GYA	comp=Z,730nm,7.2s			LR	LR		
GYA	comp=N,3um,22.4s,MS5.7			LR	LR		
GYA	comp=E,2um,20.0s,MS5.7			LR	LR		
O15A	The Old Anders	89.76	44	↓P	P	00 20 33.4	-0.7
LNOR	Linton Mounta	89.76	37	eP	P	00 20 33.7	-0.3
RPW	Rockport	89.77	34	eP	P	00 20 33.6	-0.3
Q16A	Big Grassy Mou	89.79	43	eP	P	00 20 35.0	+0.7
GBU	Castle Valley	89.80	46	↑P	P	00 20 33.6	-0.8
ETW	Enlat	89.80	35	eP	P	00 20 34.9	+0.7
H10A	Noah's Angus R	89.80	39	↑P	P	00 20 33.4	-0.9
NLU	North Lily Min	89.82	44	eP	P	00 20 37.7	+3.3
B06A	Marblemount	89.83	34	↓P	P	00 20 32.8	-1.5
I11A	Placerville	89.83	40	↑P	P	00 20 33.2	-1.2
A05A	Maple Falls	89.85	33	↓P	P	00 20 33.4	-0.9
F09A	S2 Ranch, Elgi	89.86	37	↑P	P	00 20 33.6	-0.8
CRAG	Craig	89.88	24	eP	P	00 20 38.1	+3.8
S18A	Hut Farm, Bl	89.88	47	↓P	P	00 20 33.5	-1.2
P16A	Fountain Green	89.88	45	↓P	P	00 20 33.6	-1.1
M14A	Sheep Mountain	89.93	43	↓P	P	00 20 34.0	-0.9
TXAR	Lajitas Array	89.94	57	P	P	00 20 34.9	-0.4
TXAR				PKKP	PKKP	00 38 08.8	+1.6
TXAR				PP	PP	00 46 21.9	
TXAR				LR	LR	00 55 02.6	
TXAR	Lajitas Array	89.94	57	P	P	00 20 34.9	-0.4
TXAR	comp=Z,9.2nm,1.0s,mb5.0,baz=216,slow=5.4,SNR=22			PKKP	PKKP	00 38 08.8	+1.6
TXAR	comp=Z,0.4nm,0.6s,baz=64,slow=3.2,SNR=9.6			PKKP	PKKP	00 46 21.9	
TXAR	comp=Z,0.7nm,0.9s,baz=316,slow=3.5,SNR=3.7			LR	LR	00 55 02.6	
TXAR	comp=Z,2um,18.1s,MS5.5,baz=35,slow=32			LR	LR	00 55 02.6	
TMUT	Trail Mountain	89.95	45	eP	P	00 20 36.0	+0.7
C07A	Waterville	90.00	35	↓P	P	00 20 34.3	-0.8
EPH	Ephrata	90.02	35	eP	P	00 20 35.5	+0.4
LENM	Lemitar	90.02	52	eP	P	00 20 36.3	+0.8
NSIT	Nakhon Sawan	90.02	287	P	P	00 20 31.8	-4.1
LAZ	Ladron	90.03	51	eP	P	00 20 36.6	+1.1
G10A	Bishop Farm, J	90.03	38	↓P	P	00 20 34.4	-0.9
WTV	Waterville	90.06	35	P	P	00 20 35.1	-0.3
N15A	Stansbury Isla	90.08	43	↓P	P	00 20 34.6	-1.1
MPU	Maple Canyon	90.13	45	eP	P	00 20 36.8	+0.9
MPU	comp=Z,31nm,1.1s,mb5.5			LR	LR		
K13A	Stover Farm, H	90.17	41	↑P	P	00 20 35.1	-0.9
BJT	Baijiatuu	90.18	315	eP	P	00 20 36.4	+0.3
BJT	comp=Z,386nm,2.5s,mb3.3			LR	LR		
BJT	Baijiatuu	90.18	315	eP	P	00 20 36.4	+0.3
BJT	comp=Z,2um,19.0s,MS5.6			Pmax	Pmax		
BJT	comp=Z,386nm,2.5s			MLR	MLR		
D08A	Wollman Farm,	90.18	36	↑P	P	00 20 35.4	-0.6
BJI	Beijing	90.19	315	P	XS	00 20 37.4	+1.2
BJI				SS	SS	00 31 37.5	-9.0
BJI				SS	SS	00 37 33.4	+5.8
BJI	comp=Z,1um,6.4s			LR	LR		
BJI	comp=N,4um,20.2s,MS5.9			LR	LR		
BJI	comp=E,2um,20.2s,MS5.9			LR	LR		
NOQ	North Oquirrh	90.19	44	eP	P	00 20 36.4	+0.2
A06A	Chilliwack	90.22	33	↓P	P	00 20 35.8	-0.2
E09A	Wood Farm, Sta	90.25	37	↑P	P	00 20 35.7	-0.6
BNM	Barren Site	90.26	52	eP	P	00 20 37.1	+0.4
H11A	Donnelly	90.29	39	↓P	P	00 20 36.0	-0.5
SRU	San Rafael	90.33	46	eP	P	00 20 36.8	-0.1
SRU	comp=Z,41nm,1.3s,mb5.6			Pmax	Pmax	00 20 36.8	0.0
SRU	comp=Z,4.1nm,1.3s,mb5.6			Pmax	Pmax		
R18A	Canyonlands Na	90.33	47	↓P	P	00 20 35.8	-1.1
LYM	Los Pinos Moun	90.34	52	eP			

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SNOW, DLMT, SMCO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EGAK, LVC, EGMG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRAL, PALK, TLY, etc.

MDD 18 00:59:59.4-0.7,3538N-009W,h16km,5km,mb4,4/44, Error ellipse: s-maj=6.0km s-min=3.8km az=160.0, PRIMO CSEM 18 00:59:59.3-0.1,3547N-015W,h30km,ML4.4, Error ellipse: s-maj=2.2km s-min=1.5km az=12.0 NEIC 18 00:59:59.3,3540N-011W,h11km,mb4.1/2,ML3.6(LDG), After MDD. INMG 18 01:00:00.0-1.2,3539N-008W,h23km,11km,ML2.9, Error ellipse: s-maj=9.1km s-min=3.1km az=141.0 CNRM 18 01:00:05.3,3565N-061W,h30km,MD4.0 ISC 18 00:59:59.3-0.3,3554N-002:020W,002,h10km,n180, r130/270,mb3.9/7,3D,NorthernAlgeria

Table with columns: EADA, 14nm,0.5s, S, Sn, 01 01 56.5 -0.5, PCBR, Castelo Branco, 7.19 309, ePn, Pn, 01 01 45.6 +1.1, etc.

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

NEIC 18 01:07:54.2, 1723N-99.95W, h20km, MD3.7(MEX), After MEX. MEX 18 01:07:54.1-1.0, 1729N-100.03W, h14km, 12km, MD3.7, Guerrero

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

IDC 18 01:10:33.2-1.5, 3527N-83.53E, h0km, mb3.6/5, mb1 3.9/7, mb1mx3.6/25, mb1mp3.8/7, ML3.8/1, Error ellipse: s-maj=45.1km s-min=19.8km az=61.0

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like DVTC, SWSC, Q19A, R18A, VRSR, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like BSD, SCHO, SCIA, AMTX, JFWS, etc.

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like BZS, BZS, NAY, CONA, CSNA, etc.

Table with columns: ORIF, ORIS-en-Rattie, 3.44 189 eSg, Sg, 03 17 02.8 -1.0, etc.

CSEM 18 03:15:39.6:0.1, 3932N:2935E, h8km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.4km az=24.0

ISK 18 03:15:39.8, 3930N:2932E, h5km, MD2.9

ISCJB 18 03:15:40.4:0.6, 3931N:004:2933E:003, h9km, 7km, Error ellipse: s-maj=6.4km s-min=4.2km az=19.3

DDA 18 03:15:40.7, 3930N:2932E, h7km, 3km, MD3.8/10

ISC 18 03:15:40.7:0.5, 3931N:003:2934E:004, h12km, 5km, n19, s=055/27, 1C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

ISCJB 18 03:45:50.8:0.5, 3922N:002:2017E:003, h2km, 3km, mb3.6/7, Error ellipse: s-maj=3.6km s-min=2.7km az=155.8

TIR 18 03:45:51.8:3.1, 3924N:1958E, h37km, 22km

CSEM 18 03:45:51.7:0.1, 3927N:2012E, h5km, ML4.0, Error ellipse: s-maj=2.7km s-min=1.5km az=87.0

ATH 18 03:45:52.2, 3922N:2027E, h18km, 1km, MD3.8/10

THE 18 03:45:52.2, 3924N:2023E, h1km, ML4.0

NEIC 18 03:45:52.2, 3922N:2027E, h1km, MD3.8(ATH), ML3.3(PDG), After ATH.

PDG 18 03:45:53.3:1.3, 3927N:2025E, h9km, 4km, ML3.3/10, Error ellipse: s-maj=2.7km s-min=3.2km az=0.0

ISC 18 03:45:55.3:2.1, 3927N:2032E, h46km, 29km, mb3.4/7, mb1.3/10, mb1mx3.4/27, mb1mx3.5/10, ML3.4/3, Error ellipse: s-maj=24.6km s-min=14.1km az=76.0

ISC 18 03:45:52.1:0.5, 3921N:002:2032E:003, h3km, 3km, n101, s=152/146, mb3.6/7, 11C-9D, Greece-Albania border region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

Table with columns: BCI, SG1, BUM, BUL, VLI, VEG, TTT, TTT, PVT, PVT, HCY, HCY, CEL, MMB, BEY, BEY, IWA, IWA, NKY, NKY, BARS, BRY, BRKA, VTS, VTS, MS1, UPM, UPM, STON, STON, STON, STON, PLE, PLE, RZN, RZN, GRU, GRU, APE, APE, ALN, ALN, BOLS, BOLS, DIV, DIV, IDI, IDI, IDI, IDI, NVLJ, NVLJ, NVLJ, NVLJ, VOIR, VOIR, GJS, GJS, BOUS, BOUS, MLR, MLR, SKDS, SKDS, VOY, VOY, PERS, PERS, SOKA, SOKA, MOTA, MOTA, GERS, GERS, HGF, HGF, EKA, EKA, NOA, NOA, ARCES, ARCES, TORC, TORC, DTD, DTD, BDB, BDB, MKAR, MKAR, MKAR, MKAR

MOS 18 03:51:24.1:1.7, 4981N:15078E, h38km, mb4.2/2, Error ellipse: s-maj=47.7km s-min=25.5km az=59.9

NEIC 18 03:51:28.5:0.6, 4687N:15366E, h10km, mb4.0/4, Error ellipse: s-maj=20.8km s-min=13.1km az=179.0

ISCJB 18 03:51:30.8:1.8, 470N:01:1537E:02, h035km, 16km, mb2.8/12, Error ellipse: s-maj=26.9km s-min=12.6km az=144.9

ISC 18 03:51:33.4:3.1, 4691N:15378E, h44km, 29km, mb3.8/8, mb1.3/7, mb1mx3.6/24, mb1mx3.6/10, ML3.4/2, MS3.6/1, Ms1.3.6/1, ms1mx2.8/35, Error ellipse: s-maj=29.0km s-min=20.0km az=147.0

ISC 18 03:51:33.7:1.6, 470N:01:1537E:02, h42km, 14km, n19, s=056/19, mb3.8/12, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

Table with columns: VACH, VACH, comp=E, 2um, 0.1s, CMCH, CMCH, comp=N, 290nm, 0.5s

ATH 18 04:09:14.3, 4023N:2170E, h34km, MD2.7/8

ISCJB 18 04:09:15.6:0.6, 4014N:003:2166E:008, h13km, 7km, Error ellipse: s-maj=9.8km s-min=5.0km az=177.6

ISC 18 04:09:15.8:0.2, 4017N:2161E, h25km, ML2.5, Error ellipse: s-maj=5.6km s-min=3.6km az=85.0

THE 18 04:09:16.1, 4016N:2166E, h0km, Error ellipse: s-maj=102.1km s-min=26.1km az=81.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

WRA Warramunga Arr 19.62 181 P Pn 04 28 19.4 -1.2

FITZ Fitzroy Springs 19.92 206 P Pn 04 28 22.9 -1.3

ASAR Alice Springs 23.34 182 P Pn 04 28 59.2 -0.1

MKAR Makanchi Arr 65.41 323 P Pn 04 34 33.7 0.0

ISC 18 04:27:22.9:0.4, 648N:8445E, h0km, mb4.8/24, mb1.4/9.25, mb1mx4.9/26, mb1mx4.8/25, ML5.0/1, MS4.0/26, Ms1.4.1/26, ms1mx4.0/31, Error ellipse: s-maj=15.4km s-min=11.3km az=44.0

BUI 18 04:27:22.3, 650N:8440E, h10km, mb5.0, mb5.1, Ms4.4, Ms2.1

NEIC 18 04:27:24.0:1.1, 647N:8440E, h10km, mb5.2/123, Error ellipse: s-maj=5.0km s-min=3.4km az=216.0

NEIC Feit [I] at Colombo, Sri Lanka. Also felt at Battaramulla, Kandy and Matara, Sri Lanka.

ISCJB 18 04:27:25.8:0.2, 648N:003:8440E:002, h3km, mb5.1/210, MS4.1/47, Error ellipse: s-maj=4.7km s-min=3.4km az=168.0

MOS 18 04:27:26.4:0.9, 656N:8443E, h33km, mb5.3/101, MS4.0/18, Error ellipse: s-maj=7.5km s-min=3.7km az=122.9

SZGRF 18 04:27:30.2, 573N:8411E, h63km, mb5.3, North Indian Ocean

DJA 18 04:27:30, 664N:8432E, h34km, mb5.4/12

ISC 18 04:27:32.9:0.2, 647N:003:8440E:002, h32km, h32km, 1.1km, pp-P, h63, s=099/584, mb5.1/210, MS4.1/47, h89C-102D, Bay of Bengal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes entries for ANTO, SOKR, BAL, MAT, MJAR, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes entries for BOSA, UZH, KWP, KOL, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other technical details. Includes entries for CLL, COL, ARCES, etc.

625 **2007 JUL** 18d 4h

MBDF	Montbardon	76.69 314	eP	P	04 39 15.1 -0.8
	comp=Z,8.6nm,0.7s,mb4.8				
MBDF	Montbardon	76.69 314	eP	P	04 39 15.1 -0.8
	comp=Z,9.0nm,0.7s,mb4.8				
FRF	La Foret Royal	76.70 313	eP	P	04 39 15.1 -0.9
	comp=Z,5.9nm,0.9s,mb5.2				
FRF	La Foret Royal	76.70 313	eP	P	04 39 15.1 -0.9
	comp=Z,3.0nm,0.9s,mb5.2				
FRF	La Foret Royal	76.70 313	eP	P	04 39 15.1 -0.9
	comp=Z,3.0nm,0.9s,mb5.2				
ECH	Ecbery	76.70 318	eP	P	04 39 15.6 -0.4
	comp=Z,4.6nm,0.8s,mb5.1				
IBBN	Ibbenburen	76.74 322	eP	P	04 39 16.6 +0.5
	comp=Z,2.4nm,0.7s,mb5.2				
LPG	La Plagne	76.76 315	eP	P	04 39 16.1 -0.2
	comp=Z,4.1nm,0.8s,mb5.1				
LPG	La Plagne	76.76 315	eP	P	04 39 16.1 -0.2
	comp=Z,2.1nm,0.8s,mb5.1				
LPG	La Plagne	76.76 315	eP	P	04 39 16.1 -0.2
	comp=Z,2.1nm,0.8s,mb5.1				
LPL	La Plagne	76.77 315	eP	P	04 39 15.5 -0.9
	comp=Z,2.4nm,0.7s,mb5.2				
LPL	La Plagne	76.77 315	eP	P	04 39 15.5 -0.9
	comp=Z,2.3nm,0.7s,mb5.2				
LPL	La Plagne	76.77 315	eP	P	04 39 15.5 -0.9
	comp=Z,2.3nm,0.7s,mb5.2				
BNI	Bardonecchia	76.78 315	eP	P	04 39 15.0 -1.4
	comp=Z,1.5nm,0.8s,mb5.0				
BNI	Bardonecchia	76.78 315	eP	P	04 39 15.0 -1.4
	comp=Z,1.5nm,0.8s,mb5.0				
BNI	Bardonecchia	76.78 315	eP	P	04 39 15.0 -1.4
	comp=Z,1.5nm,0.8s,mb5.0				
KONO	Kongsberg	76.78 330	eP	P	04 39 15.6 -0.6
	comp=Z,2.3nm,0.7s,mb5.2				
KONO	Kongsberg	76.78 330	eP	P	04 39 14.7 -1.4
	comp=Z,2.3nm,0.7s,mb5.2				
LMR	La Moure	76.78 313	eP	P	04 39 15.5 -1.0
	comp=Z,3.3nm,0.9s,mb5.0				
LMR	La Moure	76.78 313	eP	P	04 39 15.5 -1.0
	comp=Z,1.6nm,0.9s,mb5.0				
LMR	La Moure	76.78 313	eP	P	04 39 15.5 -1.0
	comp=Z,1.6nm,0.9s,mb5.0				
RSM	Rosend	76.86 315	eP	P	04 39 16.2 -0.7
	comp=Z,2.4nm,0.7s,mb5.2				
OG01	Vacheresse	76.87 316	eP	P	04 39 17.0 +0.1
	comp=Z,1.0nm,0.6s,mb4.6				
HINF	Hinterflad	76.87 317	eP	P	04 39 15.9 -1.0
	comp=Z,1.0nm,0.6s,mb4.6				
HINF	Hinterflad	76.87 317	eP	P	04 39 15.9 -1.0
	comp=Z,1.0nm,0.6s,mb4.6				
HINF	Hinterflad	76.87 317	eP	P	04 39 15.9 -1.0
	comp=Z,1.0nm,0.6s,mb4.6				
BUG	Bochum-Universität	76.95 321	eP	P	04 39 17.7 +0.4
	comp=Z,4.6nm,1.7s,mb5.5				
HAU	Haudoupre	77.23 318	eP	P	04 39 18.1 -0.8
	comp=Z,7.6nm,1.1s,mb5.2				
HAU	Haudoupre	77.23 318	eP	P	04 39 18.1 -0.8
	comp=Z,7.6nm,1.1s,mb5.2				
HAU	Haudoupre	77.23 318	eP	P	04 39 18.1 -0.8
	comp=Z,7.6nm,1.1s,mb5.2				
HAU	Haudoupre	77.23 318	eP	P	04 39 18.1 -0.8
	comp=Z,7.6nm,1.1s,mb5.2				
HAU	Haudoupre	77.23 318	eP	P	04 39 18.1 -0.8
	comp=Z,7.6nm,1.1s,mb5.2				
WTSB	Winterswijk	77.29 322	iP	P	04 39 19.3 +0.1
	comp=Z,3.2nm,1.4s,mb4.9				
CABF	La Chapelle	77.30 316	eP	P	04 39 19.0 -0.3
	comp=Z,1.2nm,1.1s,mb5.4				
CABF	La Chapelle	77.30 316	eP	P	04 39 19.0 -0.3
	comp=Z,2.6nm,1.1s,mb5.4				
CABF	La Chapelle	77.30 316	eP	P	04 39 19.0 -0.3
	comp=Z,2.6nm,1.1s,mb5.4				
CABF	La Chapelle	77.30 316	eP	P	04 39 19.0 -0.3
	comp=Z,2.6nm,1.1s,mb5.4				
ORIF	Oris-en-Rattie	77.33 314	eP	P	04 39 18.6 -1.0
	comp=Z,1.6nm,0.7s,mb4.8				
ORIF	Oris-en-Rattie	77.33 314	eP	P	04 39 18.6 -1.0
	comp=Z,1.6nm,0.7s,mb4.8				
ORIF	Oris-en-Rattie	77.33 314	eP	P	04 39 18.6 -1.0
	comp=Z,1.6nm,0.7s,mb4.8				
ORIF	Oris-en-Rattie	77.33 314	eP	P	04 39 18.6 -1.0
	comp=Z,1.6nm,0.7s,mb4.8				
THEF	They Montfort	77.49 318	eP	P	04 39 20.0 -0.3
	comp=Z,2.2nm,1.5s,mb4.4				
WLF	Walfardange	77.49 319	eP	P	04 39 20.4 +0.1
	comp=Z,2.4nm,1.3s,mb5.2				
WLF	Walfardange	77.49 319	eP	P	04 39 20.4 +0.1
	comp=Z,2.4nm,1.3s,mb5.2				
WLF	Walfardange	77.49 319	eP	P	04 39 20.4 +0.1
	comp=Z,2.4nm,1.3s,mb5.2				
SMRF	Simiane la Rot	77.50 313	eP	P	04 39 20.0 -0.4
	comp=Z,3.7nm,1.0s,mb5.0				
SMRF	Simiane la Rot	77.50 313	eP	P	04 39 20.0 -0.4
	comp=Z,3.7nm,1.0s,mb5.0				
MEM	Mierbach	77.66 320	eP	P	04 39 21.5 +0.2
	comp=Z,1.2nm,1.1s,mb5.4				
OG05	Juירים	77.70 316	iP	P	04 39 21.6 0.0
	comp=Z,2.1nm,1.4s,mb4.9				
HGN	Heimangroev	77.72 320	iP	P	04 39 21.6 -0.1
	comp=Z,2.9nm,0.7s,mb4.8				
BCLA	Clavier	78.10 320	eP	P	04 39 24.1 +0.4
	comp=Z,1.3nm,1.1s,mb5.4				
MEZF	Mazieres J'vi	78.13 318	eP	P	04 39 23.3 -0.6
	comp=Z,1.3nm,1.1s,mb5.4				
VIVF	Saint-Julien-1	78.19 314	eP	P	04 39 23.4 -0.9
	comp=Z,3.3nm,0.9s,mb5.0				
VIVF	Saint-Julien-1	78.19 314	eP	P	04 39 23.4 -0.9
	comp=Z,3.3nm,0.9s,mb5.0				
VIVF	Saint-Julien-1	78.19 314	eP	P	04 39 23.4 -0.9
	comp=Z,3.3nm,0.9s,mb5.0				
VIVF	Saint-Julien-1	78.19 314	eP	P	04 39 23.4 -0.9
	comp=Z,3.3nm,0.9s,mb5.0				
SSB	Saint-Jean	78.30 315	eP	P	04 39 24.5 -0.4
	comp=Z,2.1nm,1.1s,mb5.4				
DOU	Dourbes	78.53 320	eP	P	04 39 26.4 +0.3
	comp=Z,2.1nm,1.1s,mb5.4				
LASF	Ste Croix	78.74 314	eP	P	04 39 26.9 -0.5
	comp=Z,2.7nm,1.1s,mb5.2				
BAIF	Baives	78.77 320	eP	P	04 39 26.9 -0.5
	comp=Z,3.1nm,0.9s,mb4.9				
BAIF	Baives	78.77 320	eP	P	04 39 26.9 -0.5
	comp=Z,1.6nm,0.9s,mb5.0				
BAIF	Baives	78.77 320	eP	P	04 39 26.9 -0.5
	comp=Z,1.6nm,0.9s,mb5.0				
SMF	Signal de Mont	78.85 316	eP	P	04 39 27.3 -0.6
	comp=Z,2.0nm,0.7s,mb4.8				
SMF	Signal de Mont	78.85 316	eP	P	04 39 27.3 -0.6
	comp=Z,2.0nm,0.7s,mb4.8				
SMF	Signal de Mont	78.85 316	eP	P	04 39 27.3 -0.6
	comp=Z,2.0nm,0.7s,mb4.8				
SMF	Signal de Mont	78.85 316	eP	P	04 39 27.3 -0.6
	comp=Z,2.0nm,0.7s,mb4.8				
LOR	Lormes	78.86 317	eP	P	04 39 27.1 -0.9
	comp=Z,2.7nm,1.0s,mb5.1				
LOR	Lormes	78.86 317	eP	P	04 39 27.1 -0.9
	comp=Z,2.7nm,1.0s,mb5.1				
LOR	Lormes	78.86 317	eP	P	04 39 27.1 -0.9
	comp=Z,2.7nm,1.0s,mb5.1				
LOR	Lormes	78.86 317	eP	P	04 39 27.1 -0.9
	comp=Z,2.7nm,1.0s,mb5.1				
LOR	Lormes	78.86 317	eP	P	04 39 27.1 -0.9
	comp=Z,2.7nm,1.0s,mb5.1				
COLF	Collangettes	78.91 315	eP	P	04 39 28.3 0.0
	comp=Z,2.9nm,0.7s,mb4.8				
PLDF	La Plantade	78.97 315	eP	P	04 39 28.6 0.0
	comp=Z,2.9nm,0.7s,mb4.8				
SSF	Saint Saulege	79.19 317	eP	P	04 39 28.6 -0.7
	comp=Z,1.4nm,0.8s,mb4.7				
SSF	Saint Saulege	79.19 317	eP	P	04 39 28.6 -0.7
	comp=Z,1.4nm,0.8s,mb4.7				
SSF	Saint Saulege	79.19 317	eP	P	04 39 28.6 -0.7
	comp=Z,1.4nm,0.8s,mb4.7				
SSF	Saint Saulege	79.19 317	eP	P	04 39 28.6 -0.7
	comp=Z,1.4nm,0.8s,mb4.7				
AVF	Avril sur Loir	79.19 316	eP	P	04 39 29.2 -0.6
	comp=Z,2.7nm,1.0s,mb5.1				
AVF	Avril sur Loir	79.19 316	eP	P	04 39 29.2 -0.6
	comp=Z,2.7nm,1.0s,mb5.1				
AVF	Avril sur Loir	79.19 316	eP	P	04 39 29.2 -0.6
	comp=Z,2.7nm,1.0s,mb5.1				
AVF	Avril sur Loir	79.19 316	eP	P	04 39 29.2 -0.6
	comp=Z,2.7nm,1.0s,mb5.1				
AVF	Avril sur Loir	79.19 316	eP	P	04 39 29.2 -0.6
	comp=Z,2.7nm,1.0s,mb5.1				
LBL	Lubilhac	79.21 315	eP	P	04 39 30.0 0.0
	comp=Z,2.4nm,1.3s,mb5.0				
AGO	Saint Agoulin	79.32 316	eP	P	04 39 30.5 0.0
	comp=Z,2.4nm,1.3s,mb5.0				
PYM	Petit Puy Mans	79.39 315	eP	P	04 39 30.7 -0.2
	comp=Z,2.4nm,1.3s,mb5.0				
ETOS	Mallorca	79.43 309	eP	P	04 39 32.3 +1.0
	comp=Z,1.8nm,1.0s,mb5.0				
BGF	Bois d'Angland	79.53 316	eP	P	04 39 31.1 -0.6
	comp=Z,4.7nm,1.1s,mb5.3				

BGF	Bois d'Angland	79.53 316	eP	P	04 39 31.1 -0.6
	comp=Z,4.7nm,1.1s,mb5.3				
BGF	Bois d'Angland	79.53 316	eP	P	04 39 31.1 -0.6
	comp=Z,4.7nm,1.1s,mb5.3				
BGF	Bois d'Angland	79.53 316	eP	P	04 39 31.1 -0.6
	comp=Z,4.7nm,1.1s,mb5.3				

I02A	Mapleton	123.66	24	UP	PKPdf	04 46 22.5 -0.1
C14A	Swan Lake	123.67	15	UP	PKPdf	04 46 22.2 -0.3
H04A	Detroit Lake	123.74	23	UP	PKPdf	04 46 22.4 -0.4
G06A	Carlson Farm,	123.84	21	UP	PKPdf	04 46 22.8 -0.1
D12A	Red Ives Fores	123.90	16	UP	PKPdf	04 46 22.5 -0.5
E10A	Myers Farm, Un	123.91	18	UP	PKPdf	04 46 22.9 -0.1
I03A	Eugene	123.91	24	UP	PKPdf	04 46 22.6 -0.5
D13A	Huson	124.11	15	P	PKPdf	04 46 22.6 -0.7
H05A	Madras	124.13	22	UP	PKPdf	04 46 23.6 +0.1
J02A	Umpqua	124.29	24	UP	PKPdf	04 46 23.7 -0.2
E11A	Bogner Ranch,	124.29	17	P	PKPdf	04 46 22.8 -0.9
EGMT	Eagleton	124.32	11	ePKPdf	e	04 46 23.7 -0.1
F10A	Beach Ranch, E	124.33	18	P	PKPdf	04 46 23.9 +0.1
F09A	S2 Ranch, Elgi	124.35	19	UP	PKPdf	04 46 23.4 -0.5
D14A	Greenough	124.37	15	P	PKPdf	04 46 23.3 -0.5
G08A	Pilot Rock	124.38	20	UP	PKPdf	04 46 23.9 0.0
H06A	Lindquist Farm	124.38	21	UP	PKPdf	04 46 23.9 -0.1
I04A	Tendick Farm,	124.40	23	UP	PKPdf	04 46 23.8 -0.3
MSO	Missoula	124.49	15	ePKPdf	e	04 46 23.4 -0.7
I05A	Bend	124.53	22	UP	PKPdf	04 46 24.7 +0.5
J03A	Ideyid Park	124.54	24	UP	PKPdf	04 46 24.7 +0.4
CHMT	Chamberlain Mo	124.59	15	ePKPdf	e	04 46 23.8 -0.5
D15A	Lincoln	124.65	14	UP	PKPdf	04 46 24.3 -0.1
F11A	Granville	124.73	17	P	PKPdf	04 46 23.9 -0.7
G09A	Cove	124.78	19	UP	PKPdf	04 46 24.8 +0.1
E13A	Victor	124.78	16	P	PKPdf	04 46 24.4 -0.2
H07A	Lands Inn, Kim	124.78	21	UP	PKPdf	04 46 24.6 -0.1
J02A	Glenade	124.82	25	UP	PKPdf	04 46 24.8 0.0
K04A	Umpqua Nationa	124.99	23	UP	PKPdf	04 46 25.1 -0.1
I06A	Prineville	125.11	22	UP	PKPdf	04 46 25.8 +0.4
F12A	Elk City	125.12	17	UP	PKPdf	04 46 25.5 +0.2
G11A	Walters Elk Ra	125.14	18	UP	PKPdf	04 46 24.7 -0.7
H08A	Prairie City	125.15	20	UP	PKPdf	04 46 25.4 0.0
HUMO	Hull Mountain	125.17	25	ePKPdf	e	04 46 25.9 +0.3
HUMO	Hull Mountain	125.17	25	P	PKPdf	04 46 26.1 +0.6
I07A	Izee	125.25	21	UP	PKPdf	04 46 26.0 +0.4
J05A	Fort Rock	125.29	23	UP	PKPdf	04 46 26.0 +0.3
F13A	Darby	125.34	16	UP	PKPdf	04 46 24.7 -1.0
AGMN	Agassiz Refuge	125.47	30	ePKPdf	e	04 46 24.6 -1.4
EYMN	Ely	125.70	35	ePKPdf	e	04 46 25.7 +0.6
H10A	Noah's Angus R	125.72	19	UP	PKPdf	04 46 26.2 -0.3
I08A	Drewry	125.72	20	UP	PKPdf	04 46 26.2 -0.4
J06A	Christmas Vall	125.73	22	UP	PKPdf	04 46 26.8 +0.2
MDV	Middlebury	125.83	340	ePKPdf	e	04 46 26.3 -0.5
MDV	Middlebury	125.83	340	P	PKPdf	04 46 26.7
H11A	Donnelly	125.85	18	UP	PKPdf	04 46 26.4 -0.4
J07A	Summer Lake	125.90	23	UP	PKPdf	04 46 27.4 +0.5
K05A	Hines	125.93	21	UP	PKPdf	04 46 27.6 +0.7
L04A	Klamath Falls	125.97	24	UP	PKPdf	04 46 27.3 +0.2
YBH	Yreka Blue Hor	126.00	25	UP	PKPdf	04 46 27.0 -0.1
G13A	Cobalt	126.01	16	UP	PKPdf	04 46 26.9 -0.2
K06A	Valley Falls	126.08	22	UP	PKPdf	04 46 27.6 +0.3
G14A	Jackson	126.08	16	UP	PKPdf	04 46 27.0 -0.2
I10A	Payette	126.16	19	UP	PKPdf	04 46 27.8 +0.4
BOZ	Bozeman (W)	126.17	14	ePKPdf	e	04 46 27.7 +0.3
BOZ	Bozeman (W)	126.17	14	PKPdf	PKPdf	04 46 27.7 +0.3
BOZ	Bozeman (W)	126.17	14	ePKIP	e	04 46 27.7 +0.3
BOZ	Bozeman (W)	126.17	14	UP	PKPdf	04 46 27.7 +0.3
BOZ	Bozeman (W)	126.17	14	UP	PKPdf	04 46 27.3 0.0
NCB	Newcomb	126.20	341	ePKPdf	e	04 46 27.3 -0.2
M02C	Callahan	126.22	25	UP	PKPdf	04 46 27.9 +0.3
LAO	LASA Array	126.24	9	ePKPdf	e	04 46 28.0 +0.2
LAO	LASA Array	126.24	9	P	PKPdf	04 46 28.1
J08A	Circle Bar Ran	126.24	21	UP	PKPdf	04 46 27.7 +0.2
M04C	Macdoel	126.32	24	UP	PKPdf	04 46 27.8 0.0
H12A	Diamond D Ranc	126.33	17	UP	PKPdf	04 46 27.4 -0.3
G15A	Dillon	126.41	15	UP	PKPdf	04 46 27.9 +0.1
H13A	Challis	126.49	17	UP	PKPdf	04 46 28.0 0.0
NC2C	Big Bar	126.50	26	UP	PKPdf	04 46 28.6 +0.4
L05A	Lakeview	126.50	23	UP	PKPdf	04 46 28.9 +0.8
J09A	Fry Pan Ranch,	126.50	20	UP	PKPdf	04 46 28.4 +0.3
K07A	Rock Creek Ran	126.55	22	UP	PKPdf	04 46 28.3 +0.1
I11A	Placeville	126.58	18	UP	PKPdf	04 46 28.3 +0.1
M03C	McCloud	126.63	25	UP	PKPdf	04 46 28.0 -0.4
MCMT	McKenzie Canyo	126.63	15	ePKPdf	e	04 46 28.6 +0.4
MCMT	McKenzie Canyo	126.63	15	P	PKPdf	04 46 27.9
K08A	Mann Creek Ran	126.79	21	UP	PKPdf	04 46 29.0 +0.4
MOD	Modoc	126.83	23	ePKPdf	e	04 46 29.2 +0.5
MOD	Modoc	126.83	23	P	PKPdf	04 46 29.7
MOD	Modoc	126.83	23	UP	PKPdf	04 46 29.0 +0.3
M05C	Lookout	126.96	24	UP	PKPdf	04 46 29.3 +0.3
WDC	Whiskeytown Da	127.03	26	ePKPdf	e	04 46 28.6 -0.5
WDC	Whiskeytown Da	127.03	26	P	PKPdf	04 46 28.6
WDC	Whiskeytown Da	127.03	26	ePKIP	e	04 46 28.6 -0.6
WDC	Whiskeytown Da	127.03	26	UP	PKPdf	04 46 28.7 -0.5
MFID	Camas Ranch	127.07	18	UP	PKPdf	04 46 29.2 +0.1
K09A	Rome	127.08	20	UP	PKPdf	04 46 29.3 +0.1

L07A	Adell	127.09	22	UP	PKPdf	04 46 30.1 +0.8
I13A	Wildhorse Cree	127.13	17	UP	PKPdf	04 46 29.5 +0.3
RLMT	Red Lodge	127.19	12	ePKPdf	e	04 46 30.0 +0.7
O02C	Red Bluff	127.25	26	UP	PKPdf	04 46 29.9 +0.3
HATC	Hat Creek Radd	127.28	25	UP	PKPdf	04 46 30.0 +0.4
L08A	MacKenzie Ranc	127.30	20	UP	PKPdf	04 46 30.0 +0.4
COWI	Conover	127.35	354	ePKPdf	e	04 46 28.8 -0.8
COWI	Conover	127.35	354	P	PKPdf	04 46 28.8 -0.8
M06C	Likely Place G	127.36	24	UP	PKPdf	04 46 30.5 +0.7
HLID	Hailey	127.36	17	ePKPdf	e	04 46 30.3 +0.6
HLID	Hailey	127.36	17	P	PKPdf	04 46 30.3 +0.6
J12A	Stokes Ranch,	127.44	18	UP	PKPdf	04 46 30.2 +0.4
P01C	Double B Ranch	127.58	27	UP	PKPdf	04 46 30.8 +0.6
K11A	Parker Ranch,	127.58	19	UP	PKPdf	04 46 30.5 +0.3
J13A	Over Ranch, Pi	127.58	17	UP	PKPdf	04 46 30.3 +0.2
M07A	Soldier Meadow	127.70	22	UP	PKPdf	04 46 31.0 +0.6
GASB	Alder Springs	127.71	26	UP	PKPdf	04 46 31.3 +0.9
O04C	Chester	127.86	25	UP	PKPdf	04 46 30.9 +0.1
M08A	Happy Creek Ra	127.95	22	UP	PKPdf	04 46 31.5 +0.6
IMW	Indian Meadow	127.98	14	ePKPdf	e	04 46 31.0 +0.1
IMW	Indian Meadow	127.98	14	P	PKPdf	04 46 31.0 +0.1
N06A	Buffalo Meadow	128.00	23	UP	PKPdf	04 46 31.3 +0.3
L10A	Juniper Basin	128.06	20	UP	PKPdf	04 46 31.7 +0.6
K12A	Draper Farm, C	128.06	18	UP	PKPdf	04 46 31.3 +0.2
H0PS	Hopland	128.09	27	ePKPdf	e	04 46 32.2 +1.0
H0PS	Hopland	128.09	27	P	PKPdf	04 46 31.3 0.0
MOOW	Moose Ponds	128.17	14	ePKPdf	e	04 46 31.6 +0.4
MOOW	Moose Ponds	128.17	14	P	PKPdf	04 46 31.6 +0.4
L11A	Cat Creek Ranc	128.22	19	UP	PKPdf	04 46 31.5 +0.2
O05C	Quincy	128.23	25	UP	PKPdf	04 46 31.6 +0.1
K13A	Stover Farm, H	128.30	17	UP	PKPdf	04 46 31.7 +0.2
N07B	Gerlach	128.31	23	UP	PKPdf	04 46 31.9 +0.3
ORV	Orville	128.32	25	UP	PKPdf	04 46 31.7 0.0
LOHW	Long Hollow	128.33	14	ePKPdf	e	04 46 32.1 +0.5
LOHW	Long Hollow	128.33	14	P	PKPdf	04 46 32.1 +0.5
LOHW	Long Hollow	128.33	14	P	PKPdf	04 46 32.1 +0.5
GINY	Binghamton	128.36	341	ePKPdf	e	04 46 30.9 -0.8
TPAW	Teton Pass	128.36	14	ePKPdf	e	04 46 32.5 +0.9
RR12	Red Ridge	128.41	15	ePKPdf	e	04 46 32.9 +1.1
SNOW	Snow King Moun	128.44	14	ePKPdf	e	04 46 32.1 +0.4
SNOW	Snow King Moun	128.44	14	P	PKPdf	04 46 32.1 +0.4
SNOW	Snow King Moun	128.44	14	P	PKPdf	04 46 32.1 +0.4
IMRC	McLaughlin Nat	128.47	27	UP	PKPdf	04 46 32.4 +0.4
SUTB	Sutter Butte	128.47	26	UP	PKPdf	04 46 31.4 -0.5
GINY	Flanigan	128.50	24	UP	PKPdf	04 46 32.3 +0.4
O06A	Red Top Meadow	128.51	14	ePKPdf	e	04 46 32.5 +0.6
REDW	Redwood	128.51	14	ePKPdf	e	04 46 32.5 +0.6
REDW	Redwood	128.51	14	P	PKPdf	04 46 32.5 +0.6
BEKR	Beckworth	128.54	24	UP	PKPdf	04 46 32.6 +0.5
N08A	GE Springer Mi	128.62	22	UP	PKPdf	04 46 32.8 +0.6
K14A	Jones Ranch, D	128.66	17	UP	PKPdf	04 46 32.8 +0.6
N09A	Rock Creek Ran	128.78	21	UP	PKPdf	04 46 33.5 +1.0
L13A	Double Diamond	128.85	18	UP	PKPdf	04 46 33.3 +0.7
MCCM	Marconi Confer	128.87	28	UP	PKPdf	04 46 33.3 +0.5
M11A	Holland Ranch,	128.87	19	UP	PKPdf	04 46 33.3 +0.6
CVS	Carment Viney	128.90	27	UP	PKPdf	04 46 33.2 +0.4
RSSD	Black Hills	129.07	8	ePKPdf	e	04 46 33.1 +0.1
FARB	Farallon Island	129.17	28	UP	PKPdf	04 46 33.8 +0.5
BW06	Souder Array	129.38	13	ePKPdf	e	04 46 33.7 +0.1
BW06	Souder Array	129.38	13	P	PKPdf	04 46 33.7 +0.1
M13A	Montello	129.45	18	UP	PKPdf	04 46 34.1 +0.4
O09A	Fish Creek Ran	129.50	21	UP	PKPdf	04 46 34.4 +0.5
M14A	Sheep Mountain	129.57	17	UP	PKPdf	04 46 34.2 +0.2
N12A	Clover Valley,	129.63	19	UP	PKPdf	04 46 34.6 +0.5
R05C	Kirkwood Meado	129.64	25	UP	PKPdf	04 46 34.7 +0.5
O10A	Cortez Mining,	129.64	21	UP	PKPdf	04 46 34.5 +0.3
ELK	Elko	129.66	19	ePKPdf	e	04 46 35.5 +1.3
N13A	Wendover, West	129.90				

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Kingsville, Limon Verde, Santo Domingo, La Paz, Tepich, El Rosal, Otaval, etc.

IGQ 18 04:29:14.6, 213S-8066W, h10km, Mb4.1, Ms3.9, 10C-6D, Error ellipse: s-maj=6.2km s-min=1.9km az=105.6, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cerro-Chispas, IGUA, Arrayan, Juive, Pata, Retu, Runtun, ULBA, PISA, CAMI, TAMB, VC1, TERV, GGP, PINO, YANA, ANTI, CAYR, COTA, CAYA, etc.

ISCJJB 18 05:22:58.7, 1.3, 3522N, 006.160W, 0.1, h10km, Error ellipse: s-maj=15.5km s-min=3.5km az=30.1, MDD 18 05:23:09.1, 1.8, 3502N, 1595W, h0km, mb4.2/1, Error ellipse: s-maj=32.7km s-min=8.4km az=128.0, PRIMMO 18 05:23:15.0, 1.7, 3502N, 1591W, h10km, ML2.7, Error ellipse: s-maj=29.8km s-min=3.9km az=120.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Porto Santo, Madeira, Mafr, CFUE, PBDV, CCAN, MOE, PVAQ, PBEJ, EVO, EGRO, PTOM, PESTR, PBAR, EMIN, EBAD, PMRV, PCBR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ESPR, PVIS, PVIS, MTE, MTE, PCAB, PCAB, PCAB, ELOB, MVO, MVO, MVO, EADA, EADA, etc.

BUI 18 05:46:02.8, 5240N, 16780W, h5km, mb4.9, mb4.7, Ms4.5, Msz4.1

NEIC 18 05:46:05.9, 5239N, 16781W, h2km, mb4.2/32, ML4.0(PMR), ML3.9(AEIC), After AEIC.

IDC 18 05:46:05.4, 0.6, 5261N, 16798W, h0km, mb4.2/22, mb1.4/22, mb1mx4.3/28, mbtmp4.2/22, MS3.7/11, Ms1.3/7.11, ms1mx3.4/38, Error ellipse: s-maj=21.1km s-min=11.9km az=30.0

ISCJJB 18 05:46:09.8, 0.8, 5250N, 006.16796W, 0.05, h48km, 7km, mb4.2/52, MS3.7/12, Error ellipse: s-maj=10.1km s-min=4.8km az=10.3

ISC 18 05:46:10.6, 0.9, 5250N, 006.16793W, 0.05, h36km, 8km, n242, c069/235, mb4.2/52, MS3.7/12, 81C-64D, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NIKO, OKCD, UNV, AKLV, AKUT, SPIA, CHGN, AMKA, CHAK, KDAD, KDAK, SVW2, SLKM, IMA2, COLA, PET, PETK, DLBC, INK, YKA, H03A, I02A, K01A, I03A, J02A, H04A, J03A, K02A, G05A, I04A, L02A, HUMO, J04A, I05A, H06A, YBH, YBH, YBH, NEW, J05A, A11A, N02C, EDM, L04A, O01C, G08A, M04C, K05A, M03C, I07A, J06A, WDC, WDC, O02C, K06A, H08A, L05A, P01C, J07A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like M05C, GASS, ASAJ, HATC, I08A, MOD, MOD, G10A, K07A, M06C, J08A, O04C, L07A, K08A, ORV, H10A, WVOR, CVS, N06A, F12A, M07A, L08A, H11A, K09A, BEKR, O06A, D14A, P05C, M08A, N07B, F13A, JRSC, K10A, LAVA, I00A, D15A, N08A, R05C, K11A, CMB, CMB, PACP, R06C, L11A, HAST, S06C, S05C, V03C, EGMT, U04C, BOZ, Q08A, NVAR, T06C, KCC, PKD, V04C, ELK, N12A, S08C, HELL, RCTC, R09A, SMMC, S09A, VES, IMW, R10A, RRI2, Q11A, S10A, PKM, MOOW, RLMT, REDW, LOHW, ISA, ISA, R11A, P13A, MPMC, L16A, FURC, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Topopah Spring, DUG Dugway, R12A Pony Springs, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BVAR Borovoye Array, MKAR Makanchi Array, AFI Afkamu, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

THE 18 07:02:59.2, 4017N, 2161E, h0km, ML4.0
PDG 18 07:03:08.6, 0.4, 4031N, 1878E, h6km, 1.1km, ML2.8/9,
Error ellipse: s-maj=59.3km s-min=1.0km az=90.0
ISC 18 07:02:59.3, 0.3, 4015N, 2002E, 2161E, 0.02, h12km, 3km, n67,
e15/110, 6C-7D, GREE

mb1 4.3/18, mb1mx4.2/26, mb1mp4.1/18, ML3.5/2, MS3.5/14,
M1 3.6/14, ms1mx3.3/35, Error ellipse: s-maj=17.6km
s-min=13.5km az=88.0
BUJ 18 07:53:07.4, 3737N, 13821E, h14km, mb4.7, mb4.5, Ms4.2,
Ms24.2
ISC 18 07:53:04.8, 0.4, 3742N, 002.13856E, 003, h13km, 2km,
n112, e1908/118, mb4.5/44, MS3.6/12, 15C-6D, Near west
coast of eastern Honshu

SPITS Spitsbergen Ar 59.70 348 LR LR 08 31 12.6
ASAR Alice Springs 60.91 185 P P 08 03 16.3 -1.0
ASAR Alice Springs 60.91 185 P P 08 03 16.3 -1.0
ASAR comp=Z, 3.0nm, 1.0s pmax pmax

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Klimovskoe, ARCES Array B, etc.

NIED 18 07:53:00, 3740N, 13860E, h20km, Mw4.4 Best double
couple: M4.08000, 1.015, NP1.39, 00000, 862, 00000,
1.95, 00000, NP2.208, 00000, 829, 00000, 1.80, 00000,
ISCJBJ 18 07:53:04.8, 0.3, 3743N, 002.13856E, 003, h24km, 2km,
mb4.5/44, MS3.6/12, Error ellipse: s-maj=4.3km
s-min=3.8km az=142.1
JMA 18 07:53:05.2, 0.1, 3744N, 13862E, h23km, 2km, M4.3
Broadband fault plane solution: P waves. NP1:
e2.16, 00000, 38, 00000, 1.92, 00000, NP2.30, 00000,
852, 00000, 1.89, 00000, Principal axes: T P1g33, 00000,
Azm297, 00000, N P1g1, 00000, Azm35, 00000, P
P1g7, 00000, Azm125, 00000

INK Inuvik 55.08 27 P P 08 02 36.2 +0.2
INK Inuvik 55.08 27 P P 08 02 36.6 +0.7
INK Inuvik 55.08 27 P P 08 02 36.6 +0.7
INK Inuvik 55.08 27 P P 08 02 36.6 +0.7
INK Inuvik 55.08 27 P P 08 02 36.6 +0.7

ISCJBJ 18 08:12:40.2, 1.0, 2990N, 007.3628E, 007, h0km, Error
ellipse: s-maj=10.1km s-min=7.3km az=32.6
GII 18 08:12:40.0, 0.0, 2988N, 3631E, h0km, ML3.1/9.3,
EXPLOSION
SGS 18 08:12:43.3, 2995N, 3609E, h7km
CSEM 18 08:12:43.3, 2995N, 3609E, h7km, ML3.0, After SWSN
ISC 18 08:12:40.8, 1.1, 2989N, 006.3629E, 007, h0km, n112,
e1900/14, Western Arabian Peninsula

IDC 18 07:53:06.4, 2.0, 3737N, 13842E, h26km, 14km, mb4.1/16,

Table with columns: BIDS, Bl'r al Bayda', 3.07 169 P, Pn, 08 13 316 +1.0, WJHS, 3.15 178 P, 08 13 325 +0.8

IDC 18 08:40:58.7r.1.6, 52826N:168D8W, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/26, mbtmp3.7/5, ML3.5/1, MS2.6/1, Ms1 2.6/1, ms1mx2.1/35, Error ellipse: s-maj=52.5km s-min=27.1km az=167.0

ISCJB 18 08:41:01.0r.1.1, 52525N:008:1681W.01, h33km, mb3.6/4, Error ellipse: s-maj=124.0km s-min=9.7km az=136.2

NEIC 18 08:41:01.4, 52366N:16796W, h13km, ML3.0(AEIC), After AEIC

ISC 18 08:41:02.8r.1.1, 5232N:008:1681W.01, h35km, n10, r1526/13, mb3.6/4, Fox Islands

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

IDC 18 08:46:40.6.26.0, 18445:17512W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.4/20, mbtmp4.1/4, Error ellipse: s-maj=499.1km s-min=160.0km az=74.0, Tonga Islands region

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

ISCJB 18 08:46:41.7r.1.4, 204S:02:1780W.02, h468km, 19km, mb3.8/8, Error ellipse: s-maj=31.2km s-min=13.9km az=140.3

IDC 18 08:46:43.8r.2.4, 2054S:17794W, h484km, 31km, mb3.4/8, mb1 3.6/10, mb1mx3.4/20, mbtmp3.4/10, Error ellipse: s-maj=25.2km s-min=14.3km az=153.0

NEIC 18 08:46:44.4r.1.7, 2038S:17786W, h510km, 41km, mb4.2/2, Error ellipse: s-maj=32.8km s-min=21.8km az=219.0

ISC 18 08:46:43.4r.1.7, 2055:02:1780W.02, h476km, 22km, n10, r0543/11, mb3.8/8, Fiji Islands region

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

BUI 18 08:48:22.7, 278S:3527E, h22km, mb4.7

ISCJB 18 08:48:24.8r.0.4, 271S:005:3601E.007, h10km, mb4.2/18, MS3.7/15, Error ellipse: s-maj=10.3km s-min=5.8km az=26.8

MOS 18 08:48:24.8r.1.2, 272S:3611E, h10km, mb4.5/4, Error ellipse: s-maj=21.3km s-min=10.5km az=66.1

IDC 18 08:48:25.4r.0.6, 275S:3617E, h0km, mb4.1/12, mb1 4.2/14, mb1mx4.1/24, mbtmp4.1/14, ML4.1/2, MS3.6/17, Ms1 3.6/17, ms1mx3.6/24, Error ellipse: s-maj=21.2km s-min=10.3km az=120.0

NEIC 18 08:48:26.9r.0.5, 269S:3604E, h10km, mb4.5/9, Error ellipse: s-maj=14.9km s-min=9.2km az=110.0

NEIC Felt at Arusha. Also felt at Nairobi, Kenya.

ISC 18 08:48:26.7r.0.4, 271S:005:3601E.007, h10km, n51, r1508/46, mb4.2/18, MS3.7/15, Tanzania

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

ISCJB 18 09:06:41.0r.0.7, 267S:008:361E.01, h10km, mb3.7/5, Error ellipse: s-maj=16.6km s-min=9.7km az=32.6

IDC 18 09:06:41.7r.1.3, 270S:3615E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/20, mbtmp3.8/4, Error ellipse: s-maj=38.2km s-min=14.9km az=128.0

NEIC 18 09:06:42.9r.1.0, 263S:3618E, h10km, ML3.9, Error ellipse: s-maj=31.3km s-min=13.8km az=129.0

NEIC Felt at Arusha.

ISC 18 09:06:43.1r.0.6, 265S:008:361E.01, h10km, n13, r1502/11, mb3.7/5, Tanzania

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

TIR 18 10:03:35.4r.0.3, 3932N:2064E, h18km, 15km

ISCJB 18 10:03:36.0r.0.4, 3935N:002:2067E.004, h10km, Error ellipse: s-maj=4.3km s-min=3.0km az=1.0

Table with columns: LBTB, Lobatse, 24.35 203 eP, P, 08 53 44.1 -0.8

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

ISCJB 18 10:06:33.9r.12.0, 3602N:7023E, h118km, 113km, mb3.3/4, mb1 3.4/5, mb1mx3.1/23, mbtmp3.3/5, ML3.5/1, Error ellipse: s-maj=55.9km s-min=28.9km az=18.0

ISCJB 18 10:06:42.3r.0.7, 3658N:008:702E.02, h206km, 9km, mb3.5/4, Error ellipse: s-maj=27.2km s-min=8.9km az=23.8

NEIC 18 10:06:43.4r.0.8, 3652N:7023E, h211km, 10km, mb4.2/3, Error ellipse: s-maj=32.2km s-min=11.0km az=121.0

ISC 18 10:06:43.4r.0.7, 3651N:01:704E.02, h202km, 9km, n11, r0598/14, mb3.5/4, 2C-1D, Hindu Kush region

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

NNC 18 09:49:40.2r.4.1, 5323N:8735E, h0km, mb3.6, mpv3.2, 3C-6D, Error ellipse: s-maj=34.1km s-min=22.7km az=67.0, Southwestern Siberia

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

ISCJB 18 10:06:52.9r.4.4, 74S:02:1559E.02, h64km, 48km, mb4.0/8, Error ellipse: s-maj=32.6km s-min=20.7km az=135.2

IDC 18 10:06:52.5r.5.8, 733S:15584E, h49km, 70km, mb3.9/8, mb1 4.0/9, mb1mx3.8/18, mbtmp4.0/9, ML3.4/1, MS2.9/1, Ms1 2.9/1, ms1mx2.6/23, Error ellipse: s-maj=45.7km s-min=20.4km az=130.0

NEIC 18 10:06:55.4r.4.9, 739S:15583E, h76km, 59km, Error ellipse: s-maj=64.9km s-min=17.9km az=126.0

ISC 18 10:06:53.9r.4.2, 74S:02:1559E.02, h63km, 49km, n10, r0577/12, mb4.0/8, Bougainville - Solomon Islands

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

ISCJB 18 10:07:48.0r.0.7, 29S:01:362E.02, h10km, mb3.7/5, Error ellipse: s-maj=31.0km s-min=8.4km az=31.6

NEIC 18 10:07:49.9r.0.8, 282S:3620E, h10km, mb4.0/2, Error ellipse: s-maj=32.4km s-min=12.5km az=122.0

IDC 18 10:07:49.1r.1.2, 273S:3625E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/20, mbtmp3.9/4, Error ellipse: s-maj=36.9km s-min=14.4km az=126.0

ISC 18 10:07:50.0r.0.7, 28S:01:362E.02, h10km, n9, r1502/10, mb3.7/5, Tanzania

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

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

ISCJB 18 10:07:48.0r.0.7, 29S:01:362E.02, h10km, mb3.7/5, Error ellipse: s-maj=31.0km s-min=8.4km az=31.6

NEIC 18 10:07:49.9r.0.8, 282S:3620E, h10km, mb4.0/2, Error ellipse: s-maj=32.4km s-min=12.5km az=122.0

IDC 18 10:07:49.1r.1.2, 273S:3625E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/20, mbtmp3.9/4, Error ellipse: s-maj=36.9km s-min=14.4km az=126.0

ISC 18 10:07:50.0r.0.7, 28S:01:362E.02, h10km, n9, r1502/10, mb3.7/5, Tanzania

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

ISCJB 18 10:07:48.0r.0.7, 29S:01:362E.02, h10km, mb3.7/5, Error ellipse: s-maj=31.0km s-min=8.4km az=31.6

NEIC 18 10:07:49.9r.0.8, 282S:3620E, h10km, mb4.0/2, Error ellipse: s-maj=32.4km s-min=12.5km az=122.0

IDC 18 10:07:49.1r.1.2, 273S:3625E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/20, mbtmp3.9/4, Error ellipse: s-maj=36.9km s-min=14.4km az=126.0

ISC 18 10:07:50.0r.0.7, 28S:01:362E.02, h10km, n9, r1502/10, mb3.7/5, Tanzania

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

ISCJB 18 10:07:48.0r.0.7, 29S:01:362E.02, h10km, mb3.7/5, Error ellipse: s-maj=31.0km s-min=8.4km az=31.6

NEIC 18 10:07:49.9r.0.8, 282S:3620E, h10km, mb4.0/2, Error ellipse: s-maj=32.4km s-min=12.5km az=122.0

IDC 18 10:07:49.1r.1.2, 273S:3625E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/20, mbtmp3.9/4, Error ellipse: s-maj=36.9km s-min=14.4km az=126.0

ISC 18 10:07:50.0r.0.7, 28S:01:362E.02, h10km, n9, r1502/10, mb3.7/5, Tanzania

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

18d 10h

2007 JUL

Table with columns for team names (e.g., STON, INTR, ASS, RSM), scores, and other identifiers. The table is organized into two main columns of data, with the left column containing team names and scores, and the right column containing team names and scores. The data is sorted by score in descending order.

mb1 4.7/19, mb1mx4.6/23, mbtmp4.6/19, MS3.7/15, Ms1 3.7/15, ms1mx3.6/27, Error ellipse: s-maj=13.0km s-min=9.1km az=67.0

DJA 18 12:12:00, 804Sx15685E, h516km, mb5.3/12

ISC 18 12:11:28.3±0.3, 710S, 004x15596E, 005, h65km, h65km±1, 6km; pP-P, n125, 088/101, mb5.0/55, 14C-7D, Bougainville - Solomon Islands region

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

Table with columns: KMI, AMB, AMB, Time, Res, ISC. Lists seismic events with station codes and magnitudes.

Table with columns: KSH, AMB, AMB, Time, Res, ISC. Lists seismic events with station codes and magnitudes.

BEO 18 14:33:04.3;1.5, 4390N;1535E, h15km;6km, ML2.9/5
ISC 18 14:32:59.9;0.7, 4380N;1002.1522E;0.02,h0km;4km,n100,
+0997/174,28C-10D,Adriatic Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, LSC, LSG. Lists various stations like NOVALJA, BOJANCI, SISAK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC, LSC, LSG. Lists stations like La Plagne, LPL, LPL, ROTZ, etc.

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

Table with columns: ID, Name, Date, Time, Direction, Status. Rows include N12A Clover Valley, M13A Montello, O10A Cortez Mining, etc.

Table with columns: ID, Name, Date, Time, Direction, Status. Rows include J05A Fort Rock, F11A Grangeville, KRMB Red Mountain, etc.

Table with columns: ID, Name, Date, Time, Direction, Status. Rows include RKT Rikitea, DAWY Dawson, MENT Menta, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like BFO, KKN, PKI, HIN, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like PFVI, PESTR, SUW, EVO, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like GTA, XA, ZAK, etc.

ISCJB 18 17:44:44.5, 0.9, 4011N, 004-2153E, 0.10, h10km, Error ellipse: s-maj=11.5km s-min=5.0km az=160.9 SKO 18 17:44:45.1, 4004N-2147E, h5km, M1.6, ML2.0

BSY	SNR=9.7 Bisya	71.46 286	P	P	18 12 04.6 +0.7	N02C	Big Bar	76.24 51	↑P	P	18 12 31.8 +0.8	NOA	NORSAR Array B	78.87 337	P	P	18 12 44.7 -0.3
OBN	SNR=6.1 Obninsk	71.54 324	eP	P	18 12 03.2 -0.6	M02C	Callahan	76.27 50	↑P	P	18 12 31.9 +0.8	NOA	NOA				18 15 48.2
OBN	comp=Z,4.0nm,0.6s,mb5.2	71.54 324d	iP	P	18 12 03.5 -0.3	D09A	Jones Farm, Ri	76.29 43	↑P	P	18 12 31.6 +0.5	NOA	comp=Z,2.8nm,0.8s		pmax	pmax	
OBN					18 12 18.5	KOPT	Kop Dag	76.33 308	iP	P	18 12 33.1 +1.6	K09A	Rome	78.90 47	P	P	18 12 46.0 +0.5
OBN					18 13 34.5 +2.8	NEW	Newport	76.37 42	eP	P	18 12 31.8 +0.2	LAVA	Lava Gap Winner	78.98 51	↑P	P	18 12 45.9 -0.1
OBN					18 14 47.2	NEW	Newport	76.37 42	eP	P	18 12 31.8 +0.3	D14A	Greenough	79.06 41	P	P	18 12 46.1 -0.2
OBN	comp=Z,200nm,1.6s,mb5.4					NEW	Newport	76.37 42	eP	P	18 12 31.8 +0.3	N07B	Gerlach	79.11 49	↑P	P	18 12 46.7 +0.1
DAG	comp=Z,100nm,14.0s					G07A	Ruggs Ranch, Hs	76.38 45	↑P	P	18 12 32.0 +0.3	NA001	NORSAR Array S	79.13 337	eP	P	18 12 46.1 -0.2
DAG	Danmarks Havn	71.69 355	↑iP	P	18 12 04.6 +0.3	J05A	Fort Rock	76.39 48	↓P	P	18 12 32.1 +0.3	M08A	Happy Creek Ra	79.14 48	↑P	P	18 12 47.0 +0.2
DAG	comp=Z,13nm,0.9s,mb4.5					RDF	Al-Radifah	76.42 296	eP	P	18 12 32.3 0.0	L09A	Wilkinson Ranch	79.30 47	P	P	18 12 48.5 +0.9
DAG	Danmarks Havn	71.69 355	↑iP	P	18 12 04.6 +0.3	RDF	Al-Radifah	76.42 296	eP	P	18 12 32.3 0.0	F13A	Darby	79.30 43	P	P	18 12 47.3 -0.3
ARQ	Araki	71.75 287	P	P	18 12 06.5 +0.9	A11A	Hall Mountain,	76.44 41	↓P	P	18 12 33.2 +1.3	CHMT	Chamberlain Mo	79.30 41	eP	P	18 12 47.2 -0.3
VRSR	SNR=13					NAY	Al-Naziem	76.51 296	eP	P	18 12 32.2 -0.5	K10A	McKenzie Ranch	79.40 46	P	P	18 12 48.9 +0.7
VRSR	Strozhevoje	71.92 319	eP	P	18 12 05.8 -0.3	NAY	Al-Naziem	76.51 296	eP	P	18 12 32.2 -0.5	R05C	Kirkwood Meado	79.46 51	↑P	P	18 12 48.6 +0.1
VRSR	comp=Z,30nm,0.6s,mb5.0					NAY	Al-Naziem	76.51 296	eP	P	18 12 32.2 -0.5	O07A	Toucan	79.49 49	↑P	P	18 12 48.9 +0.2
VRSR	comp=N,10.0nm,1.3s					L04A	Klamath Falls	76.51 49	↓P	P	18 12 33.0 +0.5	PACP	Pacheco Peak	79.50 53	P	P	18 12 49.3 +0.5
VORD	comp=E,10.0nm,0.8s					LHEM	Herd Peak	76.57 49	↓P	P	18 12 33.5 +0.7	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.3 0.0
VORD	Divnogre	71.97 319	eP	P	18 12 06.2 -0.2	KCPM	Cahto Peak	76.61 52	eP	P	18 12 34.0 +0.9	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.3 0.0
VORD	comp=Z,50nm,0.5s,mb5.3					KIPM	Iron Peak	76.61 52	eP	P	18 12 33.9 +0.8	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.3 0.0
VORD	comp=N,20nm,0.6s					F08A	Pendleton	76.66 45	↑P	P	18 12 33.9 +0.7	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.3 0.0
PGC	comp=E,70nm,1.1s					E09A	Wood Farm, Sta	76.67 44	↓P	P	18 12 34.0 +0.8	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.3 0.0
PGC	Sidney	72.49 43	eP	P	18 12 10.4 +0.9	B11A	Sandpoint	76.71 41	↓P	P	18 12 33.8 +0.4	CMB	Columbia Cole	79.59 52	eP	P	18 12 49.4 +0.2
KAF	comp=E,16nm,0.9s,mb4.5					I06A	Priville	76.71 47	P	P	18 12 34.7 +1.2	HAST	Hastings Reser	79.63 54	P	P	18 12 49.8 +0.3
KAF	Kangasniemi	72.63 333	eP	P	18 12 09.3 -0.8	M04C	Macdoel	76.74 49	P	P	18 12 34.8 +1.0	GZT	Gaziantep	79.64 307	iP	P	18 12 50.4 +0.8
KAF	Kangasniemi	72.63 333	eP	P	18 12 09.3 -0.8	SUMC	Summit	76.83 359	eP	P	18 12 35.4 +1.8	D15A	Lincoln	79.64 41	↑P	P	18 12 49.4 0.0
KAF	comp=Z,52nm,0.6s,mb5.2					A12A	Yaak River Ran	76.85 41	↓P	P	18 12 34.9 +0.7	N08A	GE Springer Mi	79.65 49	P	P	18 12 50.2 +0.6
NLW	Neilto Lookou	72.81 341	eP	P	18 12 12.4 +1.0	WDC	Whiskeytown Da	76.87 51	↑P	P	18 12 34.8 +0.3	H12A	Diamond D Ranch	79.67 44	P	P	18 12 50.1 +0.5
STEA	Steigen	72.85 345	eP	P	18 12 11.5 +0.3	P01C	Double 8 Ranch	76.88 52	↑P	P	18 12 34.8 +0.3	MFID	Camas Ranch	79.70 45	↓P	P	18 12 50.2 +0.5
A04A	Legoe Bay, Lum	72.90 43	↑P	P	18 12 12.3 +0.4	K05A	Summer Lake	76.88 48	↓P	P	18 12 35.7 +1.2	G13A	Cobalt	79.74 43	↓P	P	18 12 49.6 -0.3
KIV	Kislovodsk	73.06 311	eP	P	18 12 13.5 +0.6	O02C	Red Bluff	76.90 51	P	P	18 12 35.6 +1.0	M09A	Marrel Ranch,	79.75 48	↑P	P	18 12 50.8 +0.7
KIV	Kislovodsk	73.06 311	eP	P	18 12 13.0 +0.1	D10A	Wagner Farm, O	76.90 43	↓P	P	18 12 34.0 -0.5	KIS	Kishinev	79.92 319	eP	P	18 12 49.0 -1.8
KIV	comp=Z,168nm,1.2s,mb5.5				18 21 08.3 +1.6	I07A	Alder Springs	77.08 46	P	P	18 12 36.3 +0.8	KIS	Kishinev	79.92 319	eP	P	18 12 49.0 -1.8
KIV	comp=Z,54nm,3.5s					J06A	Christmas Vall	77.09 47	P	P	18 12 36.3 +0.7	KIS	Kishinev	79.92 319	eP	P	18 12 49.0 -1.8
GNI	Garni	73.38 307	eP	P	18 12 16.2 +1.4	GASB	Alder Springs	77.20 51	P	P	18 12 37.5 +1.2	K11A	Parker Ranch,	79.92 46	eP	P	18 12 51.8 +0.8
GNI	Garni	73.38 307	eP	P	18 12 16.9 +2.1	K06A	Valley Falls	77.26 48	P	P	18 12 37.3 +0.8	E15A	Deer Lodge	79.92 42	P	P	18 12 51.1 +0.3
GNI	Garni	73.38 307	eP	P	18 12 16.2 +1.4	L05A	Lakeview	77.26 49	P	P	18 12 37.8 +1.2	R06C	Coleville	79.97 51	↓P	P	18 12 51.4 +0.2
GNI	Garni	73.38 307	eP	P	18 12 16.2 +1.4	E10A	Myers Farm, Un	77.30 43	↑P	P	18 12 37.2 +0.5	S05C	Merced	79.98 53	↓P	P	18 12 51.2 -0.2
GNI	Garni	73.38 307	eP	P	18 12 16.2 +1.4	H08A	Prairie City	77.37 46	↓P	P	18 12 38.0 +0.8	L10A	Juniper Basin	80.02 47	↑P	P	18 12 51.9 +0.5
B05A	Bryant	73.47 43	↓P	P	18 12 15.7 +0.6	M05C	Lookout	77.40 49	↓P	P	18 12 37.6 +0.2	H13A	Challis	80.02 44	P	P	18 12 51.9 +0.4
JCW	Jim Creek	73.60 43	eP	P	18 12 16.9 +0.9	MARD	Mardin	77.44 306	iP	P	18 12 38.3 +0.6	S06C	San Francisco	80.03 52	P	P	18 12 51.9 +0.2
MOR8	Moi Rana	74.26 339	eP	P	18 12 18.4 -1.0	D11A	Klavano Farm,	77.45 43	↓P	P	18 12 37.4 -0.1	V03C	Hunter Liggett	80.04 54	↓P	P	18 12 52.0 +0.3
MOR8	Moi Rana	74.26 339	eP	P	18 12 18.4 -1.0	HATC	Hat Creek Radi	77.47 50	↑P	P	18 12 37.8 0.0	U04C	Hernandez Rese	80.18 54	↑P	P	18 12 52.7 +0.3
MOR8	comp=Z,95nm,0.6s,mb5.6					F10A	Beach Ranch, E	77.49 44	↑P	P	18 12 38.0 +0.2	BALT	Daday	80.20 313	↑P	P	18 12 53.8 +1.3
TDL	Tradedollar La	74.30 45	P	P	18 12 21.0 +1.1	G09A	Cove	77.52 45	↓P	P	18 12 38.6 +0.6	J12A	Hotter Researc	80.22 45	↑P	P	18 12 52.4 -0.2
DYDN	Diyadin	74.38 307	iP	P	18 12 22.0 +1.4	J07A	Hines	77.56 47	↓P	P	18 12 39.0 +0.8	M10A	L.L. Ranch, Tu	80.28 47	↑P	P	18 12 53.3 +0.5
H03A	Soap Creek Ran	74.42 47	↓P	P	18 12 21.2 +0.5	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	F15A	Bozeman	80.34 42	P	P	18 12 53.7 +0.6
E05A	Randle	74.48 45	↓P	P	18 12 20.9 -0.1	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	ANDN	Andrin	80.35 308	↑P	P	18 12 54.4 +1.0
VSU	Vasula	74.49 330d	↑P	P	18 12 20.3 -0.5	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	L11A	Cat Creek Ran	80.42 46	↑P	P	18 12 54.4 +1.0
K01A	Sixes	74.54 49	↑P	P	18 12 21.6 +0.3	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	KONO	Kongsberg	80.44 336	eP	P	18 12 53.8 +0.5
B07A	Winthrop	74.54 43	P	P	18 12 21.7 +0.4	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	KONO	Kongsberg	80.44 336	eP	P	18 12 53.0 -0.3
STOK	Stokkvaagen	74.57 340	eP	P	18 12 21.4 +0.3	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	I13A	Wildhorse Cree	80.46 44	↑P	P	18 12 54.7 +0.9
I03A	Eugene	74.76 48	↑P	P	18 12 23.3 +0.7	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	HLID	Halley	80.48 45	eP	P	18 12 54.5 +0.6
A08A	Turner Farm, O	74.79 42	↓P	P	18 12 22.9 +0.2	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	V04C	Ramage Ranch,	80.49 54	↑P	P	18 12 54.5 +0.4
ARTV	Artvin	74.82 309	↑P	P	18 12 24.0 +1.0	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	DLMT	Dillon	80.55 43	eP	P	18 12 54.7 +0.5
J02A	Umpqua	74.86 48	↑P	P	18 12 23.2 0.0	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	PKD	Parkfield	80.56 54	P	P	18 12 54.7 +0.3
C07A	Waterline	74.95 43	P	P	18 12 23.6 0.0	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	T06C	Millerton Lake	80.58 53	↓P	P	18 12 54.4 -0.2
E06A	Yakima	74.96 45	P	P	18 12 24.7 +1.0	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	O09A	Fish Creek Ran	80.59 49	↓P	P	18 12 54.6 +1.0
F05A	White Salmon	74.98 45	↓P	P	18 12 24.0 +0.2	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	CDAG	Cieckdag	80.59 311	↑P	P	18 12 55.3 +0.7
EBG	Ellensburg	75.03 44	P	P	18 12 24.8 +0.7	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	KCC	Kaiser Creek	80.68 52	↑P	P	18 12 55.3 +0.3
B08A	Colville Reser	75.05 42	P	P	18 12 24.5 +0.3	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	K12A	Draper Farm, C	80.69 46	↑P	P	18 12 55.1 +0.1
H04A	Detroit Lake	75.11 47	P	P	18 12 25.4 +0.8	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	J13A	Cove Ranch, Pi	80.72 45	↑P	P	18 12 55.7 +0.6
H00A	Mount Hood Mea	75.14 46	eP	P	18 12 25.6 +0.9	AKASG	Malin Array Be	77.62 322	P	P	18 12 38.2 -0.2	G15A	Dillon	80.72 43	P	P	18 12 55.5 +0.4
BROR	Big Rock Looko	75.17 47	↓P	P	18												

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like KWP Kalwaria, BSD Bornholm Skovb, BSD Bornholm Skovb, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like RUE Ruedersdorf, RUE Ruedersdorf, KSP Ksiaz, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like WERN Wernitzgruen, NKC Novy Kostel, RSSD Black Hills, etc.

ISC 18 18:47:15.5:1.0, 1000N:004:12621E:008, h69km, mb5, 3/36, MS4, 1/4, Error ellipse: s-maj=13.4km s-min=5.9km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, S, E, N, W, etc. Includes stations like SCPH Surigao, MSLP Maasin, PLP Palo, etc.

MOS 18 18:47:19.0:1.0, 995N:126.16E, h33km, mb5, 3/36, MS4, 1/4, Error ellipse: s-maj=13.4km s-min=5.9km

DJA 18 18:47:51.1, 1052N:126.85E, h56km, mb5, 1/28, MS4, 1/4, Error ellipse: s-maj=13.4km s-min=5.9km

ISC 18 18:47:51.9:1.7, 988N:126.12E, h44km, mb4, 7/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

ISC 18 18:47:52.1:0.5, 992N:126.22E:004, h59km, mb4, 7/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

ISC 18 18:47:52.1:0.5, 992N:126.22E:004, h59km, mb4, 7/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

ISC 18 18:47:53.9, 960N:126.37E, h111km, mb4, 9/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

ISC 18 18:47:55.1:0.5, 993N:126.17E:004, h71km, mb4, 7/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

ISC 18 18:47:55.1:0.5, 993N:126.17E:004, h71km, mb4, 7/26, MS1, 4/2, ms1mx3.4/17, Error ellipse: s-maj=18.4km s-min=8.4km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, S, E, N, W, etc. Includes stations like SCPH Surigao, MSLP Maasin, PLP Palo, etc.

Table with columns: S, E, N, W, etc. Includes stations like Nanjing, Kakadu, KKKTK, etc.

Table with columns: C, N, E, S, etc. Includes stations like ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GZR, TIP, GEMT, PSN, BZS, VOIR, CUC, MLR, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like ORIF, SMRF, SMF, KIV, LOR, LDF, FLN, SGMF, QUIF, ROSE, HFS, ARZ, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GYA, NJ2, KSRS, TXAR, ASAR, etc.

Table with columns: PMSA, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Palmer Station, LAZ, CPUP, etc.

NEIC 18 21:10:20.2, 16.15N-97.49W, h62km, MD3.9(MEX), After MEX.

MEX 18 21:10:19.4-0.9, 16.13N-97.59W, h16km, 9gkm, MD3.9, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG, VHO, OXK, etc.

NNC 18 21:11:56.9-1.5, 42.25N-78.54E, h0km, mb3.8, mpv3.9, Error ellipse: s-maj=12.6km s-min=6.6km az=2.0

IDC 18 21:11:56.6-1.9, 42.15N-79.05E, h0km, mb3.2, mb1 3.5/4, mb1mx3.3/2.5, mbmp3.5/4, ML3.7/2, Error ellipse: s-maj=48.3km s-min=16.3km az=128.0

NEIC 18 21:11:57.6-1.1, 42.13N-78.94E, h10km, mb4.6/1, Error ellipse: s-maj=25.1km s-min=10.6km az=151.0

ISCJBJ 18 21:11:57.4-0.6, 42.33N-0.005-78.69E-0.05, h10km, mb4.0/2, Error ellipse: s-maj=7.2km s-min=3.9km az=151.1

BUI 18 21:11:59.3, 42.09N-79.10E, h11km, ML3.6

MOS 18 21:12:05.5-2.3, 43.09N-78.12E, h18km, mb4.7/1, Error ellipse: s-maj=21.8km s-min=13.4km az=82.9

ISC 18 21:12:00.1-0.6, 42.27N-10.05-78.55E-0.05, h10km, n40, -1542/48, mb4.0/2, 110-7D, Lake Iseyy-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KNDC, AAA, ULHL, etc.

Table with columns: KURK, VOSK, BVAO, etc. Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters.

ISCJBJ 18 21:31:56.3-0.6, 38.81N-102.21281W-0.04, h14km, 5km, Error ellipse: s-maj=5.2km s-min=4.0km az=160.9

NEIC 18 21:31:56.3, 38.84N-122.80W, h1km, ML3.3(NCEDC), After NCEDC.

NEIC Felt [III] at Cambria and Middletown; [II] at Camarillo, Fairfax, Morro Bay, San Luis Obispo and Stockton.

IDC 18 21:31:59.5-4.0, 38.61N-122.77W, h19km, 16km, mb1 3.4/5, mb1mx3.3/2.6, mbmp3.0/5, ML3.3/5, Error ellipse: s-maj=32.2km s-min=11.2km az=52.0

ISC 18 21:31:56.5-0.4, 38.88N-102.2281W-0.04, h13km, 3km, n9, -0891/65, 25C-17, Northern California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HOPS, MNR, NSHM, etc.

Table with columns: TPH, ISA, TPNV, ELK, PDAR, TXAR, etc. Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters.

IDC 18 21:35:18.9-1.3, 734S-106.02E, h0km, mb4.1/9, mb1 4.3/10, mb1mx4.0/2.1, mbmp4.1/10, ML4.7/1, MS3.2/1, s-maj=15.0km s-min=6.2km az=52.0

DJA 18 21:35:28.748S-106.40E, h34km, ML4.5/9

ISCJBJ 18 21:35:30.9-0.9, 71S-0.1-106.6E-0.1, h102km, 7km, mb4.2/12, Error ellipse: s-maj=27.7km s-min=8.5km az=38.6

NEIC 18 21:35:31.2-4.8, 718S-106.37E, h99km, 4.1km, mb4.4/2, Error ellipse: s-maj=47.6km s-min=10.8km az=58.0

ISC 18 21:35:31.7-1.0, 71S-0.1-106.6E-0.1, h92km, 8km, n27, e193/24, mb4.2/12, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SKJI, DBJI, TNG, etc.

IDC 18 21:42:34.1-1.9, 811S-125.17E, h0km, mb3.5/1, mb1 3.7/5, mb1mx3.5/1.8, mbmp3.5/1.5, ML3.2/4, Error ellipse: s-maj=42.4km s-min=25.3km az=86.0, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BATI, FITZ, WRA, etc.

NIED 18 22:03:00, 3700N-141.80E, h35km, Mw3.8 Best double couple: M5.1000x1014 1.1e22, 0.00001, 872.00000, 7.85.00000, NP2=217.00000, 818.00000, 7.104.00000

IDC 18 22:03:35.6-2.8, 3709N-142.07E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.8/2.3, mbmp3.9/8, ML3.5/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/3.1, Error ellipse: s-maj=51.0km s-min=28.5km az=116.0

ISCJBJ 18 22:03:39.4-0.9, 3696N-0.04-141.86E-0.08, h52km, 7km, mb3.7/8, Error ellipse: s-maj=11.0km s-min=5.8km az=14.3

JMA 18 22:03:40.7-0.2, 3700N-141.77E, h52km, 4km, M3.8

NEIC 18 22:03:40.9-1.6, 3691N-141.91E, h58km, 1.3km, mb4.1/3, Error ellipse: s-maj=18.4km s-min=10.3km az=121.0

ISC 18 22:03:40.7-0.8, 3696N-0.04-141.83E-0.07, h45km, 7km, n34, -1821/48, mb3.7/8, 1C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ONAJ, JFK, JHO, etc.

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

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

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

NAO 18 22:05:52.5-1.5, 7143N-332W CSEM 18 22:05:53.4-0.2, 7192N-225W, h10km, mb4.2/4, Error ellipse: s-maj=4.6km s-min=3.0km az=67.0

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

NIED 18 23:17:00, 3700N-141.80E, h35km, Mw3.5 Best double couple: M0.194000x1014 N1.92250000z, delta3.000000, delta3.000000, NP2.22800000, delta19.000000, lambda.112.000000

ISCJB 18 22:05:55.7-0.7, 7158N-004-20W-02, h10km, mb3.9/13, MS3.2/9, Error ellipse: s-maj=9.2km s-min=6.0km az=6.6

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

JMA 18 23:17:19.1-0.2, 3701N-141.77E, h48km-4km, M3.5, 18 23:17:20.9-1.6, 3705N-141.77E, h48km, M1.4, s1905/19, mb3.5/2, 1C-5D, Near east coast of eastern Honshu

NEIC 18 22:05:55.8-0.6, 7159N-004-20W-02, h10km, mb4.0/5, Error ellipse: s-maj=9.4km s-min=6.7km az=79.0

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

BER 18 22:05:56.2-3.2, 7156N-332W, h0km-29km, MD3.0, ML2.6 MOS 18 22:05:57.1-0.8, 7163N-149W, h10km, mb4.2/10, Error ellipse: s-maj=28.9km s-min=7.7km az=97.2

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

ISC 18 22:05:56.3-0.5, 7159N-004-27W-02, h10km, n87, s121/92, mb3.9/13, MS3.2/9, 1C-3D, Jan Mayen Island region

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 Op P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 Pn P 22 06 24.8 -5.1

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

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GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

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JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

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Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

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GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

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Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

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GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

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JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

JMJC Jan Mayen 1.99 255 eP P 22 06 25.1 -4.8

GRF Grafenberg Arr 22.88 156 eP P 22 11 00.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ONAJ, JHO, JHO, etc.

18d 23h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes call signs like RAO, URZ, AFI, etc.

2007 JUL

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes call signs like MJAR, MAJO, MAI, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes call signs like EDW2, ISA, ISA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SGCP, CAUP, BALP, etc.

IDC 19 01:14:12.7-2.0, 253S-12686E, h0km, mb3.6/2, mb1 3.9/4, mb1mx3.0/18, mbtmp3.7/4, ML3.71, MS3.2/2, MS1 3.2/2, ms1mx26.5km az=58.0, Ceram Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BATI, WITZ, FRA, ASAR, ALICE, GUMO, MKAR.

ISCJB 19 01:19:08.7-0.3, 3929N-1001.2808E-002, h9km, 2km, Error ellipse: s-maj=2.5km s-min=2.3km az=172.7

DDA 19 01:19:08.3, 3928N-2809E, h24km, 1km, MD3.4, MD3.5, NEIC 19 01:19:08.6, 3928N-2814E, h10km, MD3.6(ATH), ML3.4(SIK), ML3.5(TH), After ISK

ISC 19 01:19:08.7, 3928N-2811E, h12km, MD3.3, ML3.3, CSEM 19 01:19:08.2, 0.1, 3929N-2809E, h10km, MD3.3, Error ellipse: s-maj=1.3km s-min=1.1km az=87.0

THE 19 01:19:11.4, 3925N-2806E, h17km, ML3.5, ATH 19 01:19:21.5, 3859N-2592E, h10km, MD3.6/3

ISC 19 01:19:09.3-0.3, 3928N-1001.2807E-002, h11km, 2km, n90, n095/125, 9C-4D, Turkey

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BALB, BALB, BALB, AKHS, AKHS, AKS, AKS, BTOK, BTOK, DST, DST, DST, DST, DEMI, DEMI, BALLY, BALLY, KULA, KULA, AYVA, AYVA, EDC, EDC, EDC, EDC, BNT, BNT, KDAG, KDAG, GDZ, GDZ, ULDT, ULDT, ULDT, ULDT, BLCB, BLCB, BLCB, BLCB, BLCB, BLCB, MRMT, MRMT, PRK, PRK, PRK, PRK, GEMT, GEMT, KHAL, KHAL, EZN, EZN, EZN, EZN, KHL, KHL, LPH, LPH, RKY, RKY, RKY, RKY, SART, SART, SART, SART, BOZC, BOZC, DENIZ, DENIZ, GCAM, GCAM, GCAM, GCAM, ADVT, ADVT, TKR, TKR, TKR, TKR, CHOS, CHOS, SMTG, SMTG, CTT, CTT, CTT, CTT, ELBA, ELBA, ELBA, ELBA, GADA, GADA, ISK, ISK, HRT, HRT, GPA, GPA, GPA, GPA, MLBS, MLBS, MLBS, MLBS, SHUT, SHUT, ENEZ, ENEZ, KLYT, KLYT, KLYT, KLYT, YER, YER, ESKT, ESKT, ESKT, ESKT, ALN, ALN, ALN, ALN, BODT, BODT, BODT, BODT, LIA, LIA, LIA, LIA, DAT, DAT, DAT, DAT, EDNR, EDNR, KIZT, KIZT, KIZT, KIZT, KDNH, KDNH, KDNH, KDNH, SGKT, SGKT, SGKT, SGKT, ANTO, ANTO, ANTO, ANTO, KARP, KARP, KARP, KARP

Table with columns: TIRR, TIRR, TIRR, TIRR, MLR, MLR, MLR, PFLOR, PFLOR. Rows include TIRR, TIRR, TIRR, TIRR, MLR, MLR, MLR, PFLOR, PFLOR.

CSEM 19 01:26:11.6-0.1, 3626N-2935E, h15km, ML3.7, Error ellipse: s-maj=3.4km s-min=3.2km az=66.0

ISCJB 19 01:26:13.7-0.5, 3628N-003-2931E-004, h32km, 5km, Error ellipse: s-maj=5.9km s-min=5.2km az=30.3

DDA 19 01:26:13.0, 3655N-2934E, h8km, 1km, MD3.4, MD3.7, HLW 19 01:26:15.4, 3631N-2941E, h33km, Mb2.9

ISC 19 01:26:15.4, 3654N-2929E, h27km, MD3.2, ISK 19 01:26:14.6-0.6, 3633N-003-2930E-004, h24km, 5km, n27, n103/37, 1D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AKAS, AKAS, AKAS, ELL, ELL, DALT, DALT, YER, YER, ANTB, ANTB, DENI, DENI, BCK, BCK, MLBS, MLBS, BDRM, BDRM, BDRM, BDRM, BODT, BODT, ISP, ISP, KHAL, KHAL, GCAM, GCAM, KULA, KULA, SHUT, SHUT, IZM, IZM, AKS, AKS, ERMK, ERMK, KDNH, KDNH, KDNH, KIZT, KIZT, HMAT, HMAT, SLUM, SLUM, AMG, AMG, SUZ, SUZ

NEIC 19 01:56:26.5, 1436N-9256W, h66km, MD4.2(MEX), After MEX

MEX 19 01:56:24.9-0.7, 1426N-9247W, h74km, 15km, MD4.2, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include THIG, THIG, CCIG, CCIG, CCIG, CCIG, CCIG, CCIG, TGIG, TGIG, CMIG, CMIG, CMIG, CMIG, SCIG, SCIG, SCIG, SCIG, VHO, VHO, VHO, VHO, PNIG, PNIG, PPM, PPM

NEIC 19 01:56:50.2-0.8, 2597S-17765W, h10km, mb4.6/5, Error ellipse: s-maj=19.4km s-min=19.1km az=222.0

ISCJB 19 01:57:05.2-2.4, 264S-02-1781W-0.1, h14km, 21km, mb4.1/9, Error ellipse: s-maj=27.9km s-min=19.9km az=10.0

IDC 19 01:57:06.8-3.9, 2644S-17792W, h141km, 36km, mb3.8/6, mb1 4.1/7, mb1mx3.8/16, mbtmp3.9/7, MS3.8/5, MS1 3.8/5, ms1mx3.4/27, Error ellipse: s-maj=43.3km s-min=20.5km az=180.0

ISC 19 01:57:06.0-2.4, 264S-02-1781W-0.1, h128km, 21km, n28, n064/19, mb4.2/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO, RAO, RAO, RAO, AFI, AFI, SNZO, SNZO, RPHZ, RPHZ, HNR, HNR, CTA, CTA, CTA, CTA, CTAO, CTAO, STKA, STKA, STKA, STKA, ASAR, ASAR, WB2, WB2, WRAB, WRAB, WRA, WRA, Vnda, Vnda, GUMO, GUMO, GSPS, GSPS, KSRS, KSRS, TXAR, TXAR, TXAR, TXAR, PDAR, PDAR, MKAR, MKAR, NOA, NOA, AKAS, AKAS, ASF, ASF, TORD, TORD, TORD, TORD

PGC 19 02:07:01.0-0.0, 5161N-12567W, h1km, ML2.1/20, 31D, 112km southeast of Bella Coola, Bc British Columbia, British Columbia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NCRB, NCRB, NCRB, NCRB, PHC, PHC, PHC, PHC, MAYB, MAYB, MAYB, MAYB, WOSB, WOSB, WOSB, WOSB, CBB, CBB, CBB, CBB, HBB, HBB, HBB, HBB, GDR, GDR, GDR, GDR, EDB, EDB, EDB, EDB, ALB, ALB, WPB, WPB, LLL, LLL, LLL, LLL, NLLB, NLLB, NLLB, NLLB, BIB, BIB, MGB, MGB, MGB, MGB, FSB, FSB, FSB, FSB

BJI 19 02:07:02.1, 280S-12680E, h27km, mb4.3, ISCJB 19 02:07:03.4-2.9, 283S-007-12684E-007, h30km, 22km, mb4.8/21, MS3.6/2, Error ellipse: s-maj=14.1km s-min=9.3km az=140.7

NEIC 19 02:07:05.0-2.0, 4.284S-12683E, mb4.5/5, Error ellipse: s-maj=15.5km s-min=7.4km az=56.0

IDC 19 02:07:05.1-0.9, 278S-12697E, h26km, 6km, mb4.0/7, mb1 4.1/8, mb1mx3.9/17, mbtmp3.8/16, ML4.8/4, MS1 3.6/4, ms1mx3.2/28, Error ellipse: s-maj=60.4km s-min=16.8km az=72.0

DJA 19 02:07:07.267S-12684E, h42km, ML4.8/4, ISC 19 02:07:04.6-3.1, 280S-007-12690E-007, h24km, 24km, h29km, 7km, pp-P, n39, n081/37, mb4.8/21, MS3.6/2, Ceram Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AAI, AAI, LBMI, LBMI, PCI, PCI, KAPI, KAPI, BATI, BATI, FITZ, FITZ, BJI, BJI, WRA, WRA, WRA, WRA, WB2, WB2, WB2, WB2, COEN, COEN, ASAR, ASAR, PPI, PPI, STKA, STKA, CHAR, CHAR, CHTO, CHTO, KSRS, KSRS, LSA, LSA, ODAN, ODAN, TAPN, TAPN, RAMN, RAMN, JURN, JURN, GUM, GUM, PKI, PKI, KKN, KKN, DMN, DMN, GKN, GKN, KOLN, KOLN, DANN, DANN, SONM, SONM, SONM, SONM, WMO, WMO, PETK, PETK, MKAR, MKAR, MKAR, MKAR, TKNM, TKNM, TKNM, TKNM, EK2S, EK2S, ZALV, ZALV, ZALV, ZALV

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KURK Kurchatov, SPITS Spitsbergen Ar, SZGRF SZGRF 19 02:14:04.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MORC MORC comp=Z,2.0nm,0.9s,mb4.2, GECZ GERESE Array S, GERESE GERESE Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, MAN 19 02:55:07, NEIC 19 02:57:33.9, MEX 19 02:57:32.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like DBC Dubki, UNCR Uncukul, UNCR Uncukul, etc.

IDC 19 05:18:03.0±1.1, 1157N, 8579W, h0km, mb4.2/9, mb1.4/4/10, mb1mx4.0/23, mbtmp4.2/10, ML3.7/1, MS3.5/11, Ms1.3/5.11, ms1mx3.1/37, Error ellipse: s-maj=35.2km s-min=22.2km az=64.0

CASC 19 05:18:04.0±2.5, 1086N, 8646W, h3km, 8km, MD3.9, ML3.7, mb4.2(NEIC)

ISCJBJ 19 05:18:06.8±0.6, 1094N, 005.8639W, 0.07, h59km, 5km, mb4.1/33, MS3.4/8, Error ellipse: s-maj=13.5km s-min=4.1km az=141.3

NEIC 19 05:18:13.8±1.4, 1149N, 8603W, h86km, 11km, mb4.2/26, Error ellipse: s-maj=14.3km s-min=7.6km az=220.0

BUI 19 05:18:13.8, 1150N, 8600W, h85km, mb4.6, Ms4.7, Msz4.4

ISC 19 05:18:08.3±0.6, 1023N, 005.8633W, 0.06, h53km, 5km, n97, ±19.14/89, mb4.1/33, MS3.4/8, Error ellipse: s-maj=13.5km s-min=4.1km az=141.3

Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like SSN San Juan del S, MADN Villa Maderas, CONN Concepcion, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PCRV Puerto La Cruz, GOGA Godyfrey, JCT Junction City, etc.

TAP 19 05:56:14.1, 2364N, 12056E, h9km, ML3.7, 13C-6D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WKG Gukung, WGT Tsailing, CHN2 Minshung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TWFI Yuli, TWFI Sanyi, WHF Hehuan Shan, etc.

ISCJBJ 19 06:18:42.7±0.3, 7231N, 005.1257E, 0.1, h10km, mb4.4/37, MS3.3/11, Error ellipse: s-maj=6.6km s-min=5.1km az=164.1

BUI 19 06:18:42.0, 7230N, 12570E, h10km, mb4.8, mb4.6, Ms4.5, Msz4.1

IDC 19 06:18:42.1±0.7, 7233N, 12590E, h0km, mb4.2/13, mb1.4/3/13, mb1mx4.1/25, mbtmp4.2/13, MS3.2/9, Ms1.3/2.9, ms1mx3.0/30, Error ellipse: s-maj=19.1km s-min=17.2km az=99.0

MOS 19 06:18:43.0±1.4, 7220N, 12582E, h10km, mb4.5/16, Error ellipse: s-maj=26.9km s-min=8.7km az=89.1

NEIC 19 06:18:44.0±0.3, 7226N, 12571E, h10km, mb4.9, Error ellipse: s-maj=11.2km s-min=7.3km az=151.0

ISC 19 06:18:44.3±2.3, 7224N, 005.1258E, 0.1, h8km, 14km, n79, ±15/178, mb4.4/37, MS3.3/11, 4C, Northern and central Siberia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, INK Inuvik, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 06:54:14.7, NIKO Nikolski, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLKM Skilak Lake, SEW Seward, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATAF Djebel Tarf, EMHD Djebel Mahoud, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAA Sana'a, MAW Mawson, etc.

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

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

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

ISCJB 19 06:54:20.8, 0.8, 3930N, 0.03, 2031E, 0.08, h10km, 1.0km, Error ellipse: s-maj=11.0km s-min=5.3km az=179.6

ISCJB 19 06:55:30.0, 3902N, 20.17E, h10km, MD3.2/3 Error ellipse: s-maj=9.0km s-min=3.8km az=0.7

ISCJB 19 06:59:37.9, 0.6, 4016N, 0.03, 2162E, 0.05, h10km, Error ellipse: s-maj=6.0km s-min=3.7km az=160.5

ISCJB 19 07:44:43.4, 1.7, 195S, 0.1, 1776W, 0.2, h406km, 30km, Error ellipse: s-maj=26.7km s-min=19.4km

ISCJB 19 07:48:04.4, 0.7, 557S, 0.1, 1250W, 0.3, h10km, mb3.9/7, MS4.2/18, Error ellipse: s-maj=24.0km s-min=13.8km

ISCJB 19 07:48:06.1, 0.1, 557S, 0.1, 1249W, h0km, mb3.9/7, mb1.4/17, mb1mx3.9/17, mbtm3.9/17, MS4.2/18

ISCJB 19 08:10:29.9, 1.6, 177N, 124.54E, h204km, 14km, mb3.9/16, mb1.3/17, mb1mx3.9/21, mbtm3.9/17, Error ellipse: s-maj=25.4km s-min=8.8km az=75.0

ISCJB 19 08:10:30.6, 2.0, 179N, 124.65E, h214km, 20km, mb4.6/9, Error ellipse: s-maj=18.9km s-min=7.5km az=59.0

ISCJB 19 08:10:30.6, 2.0, 179N, 124.65E, h214km, 20km, mb4.6/9, Error ellipse: s-maj=18.9km s-min=7.5km az=59.0

CRAAG 19 07:45:47.8, 3590N, 364E, M13.7 Error ellipse: s-maj=19.0km s-min=15.5km az=69.0

CRAAG 19 07:45:47.8, 3590N, 364E, M13.7 Error ellipse: s-maj=19.0km s-min=15.5km az=69.0

19d 8h

2007 JUL

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NWA0, KSR5, MJAR, STKA, LZH, LSA, etc.

BUI 19 08:18:17.0, 52161N; 15951E, h40km, mb4.8, mb4.5, Ms4.3, Ms3.9
MOS 19 08:18:17.5, 1.8, 5245N; 15966E, h26km, mb4.8/60, Error ellipse: s-maj=7.8km s-min=4.3km az=93.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RUS, SPN, NLC, etc.

Main table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKR, TUMR, ALAD, KMNr, etc.

Main table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSR5, KSR5, KSR5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YHNS, JOW, JMW, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEO, XOR, AOS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKD, EVR, RLS, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGT, KEK, LKD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZN, KRUS, GRG, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VCR, ZRHO, LIM1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCH, CLCH, PCH, etc.

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

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

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

SKO 19 10:40:41.6, 3916N:2039E, h0km NEIC 19 10:40:41.4, 3926N:1994E, h42km, MD3.6(ATH), After ATH. CSEM 19 10:40:41.0, 3929N:2020E, h8km, ML3.6, Error ellipse: s-maj=2.9km s-min=1.9km az=86.0 ISCBJ 19 10:40:41.5, 0.4, 3927N:2026E, h0km, ML3.6

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TEIG, CMIG, VHO, PPM, ROSC, CH2, SDV, JCT, GOGA, ATAH, ATAH, TXAR, TXAR, TXAR, PLAL, MIAR, PCRV, TKL, TKL, TKL, WMOK, TZTN, AMTZ, CCM, BNM, 219A, 318A, LAZ, ANMO, ANMO, 218A, 119A, 219A, 118A, 217A, TUC, Y19A, 117A, SDCO, X16A, ISCO, ISCO, S19A, SMCO, SMCO, U17A, V15A, S18A, PDMCI, R18A, U15A, Q19A, W13A, PHWY, BC3, V13A, SRU, S15A, T14A, GMRC, V12A, RWWY, S13A, P15A, R13A, O16A, QAU, Q14A, P14A, R12A, LPAZ, DUG, S11A, P13A, PMPM, BW06.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like PDAR, L16A, N14A, Q11A, S10A, AHID, S09A, O12A, M14A, N13A, R09A, REDW, SNOW, LOHW, TPWA, S08C, M13A, RR12, RR12, MOOW, MOOW, HELL, N12A, IMW, FLOWY, K14A, L13A, RLMT, NVAR, NVAR, NVAR, NVAR, Q08A, KCC, YFT, QLMT, GCMT, K12A, J11A, J13A, ULM, ULM, ULM, DGMT, HLID, HLID, J12A, MCMT, BOZ, N08A, G15A, DLMT, MFID, H13A, LAVA, LRM, K10A, M08A, F15A, H12A, G13A, BEKR, I11A, HRY, K09A, L08A, N06A, E15A, EGMT, F13A, I10A, J09A, H11A, K08A, L07A, ELFS, D15A, H10A, CHMT, F12A, E13A, J08A, I09A, K07A, D14A.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSO, G11A, M05C, G10A, D13A, C14A, H08A, E11A, J06A, G09A, D12A, I07A, F10A, I06A, H07A, D11A, B13A, WALA, D10A, G07A, A13A, B12A, D09A, D08A, OD2, A11A, H04A, HOOD, B09A, E06A, C07A, B08A, A09A, A08A, C05A, A07A, EDM, EDM, B06A, JCW, SCHQ, GNW, B05A, A05A, FCC, FCC, BDFB, BDFB, YKA, YKA, YKA, DLBC, DLBC, DLBC, TRF, TRF, PPT, NOA, ARCES, AFI, TORD, GERES, WMQ, NJ2, CD2, CD2, CD2, WRA, WRA, ASAR, ASAR, KMI, KMI, CMAR, G11 19 11:47:29.3, 1.2992N, 3624E, h0km, ML2.5/5, EXPLOSION, CSEM 19 11:49:29.0, 30.10N-36.30E, h11km, H1W 19 11:49:32.5, 29.72N-36.36E, h20km, MB2.7, ISC 19 11:49:27.1, 1.2988N, 004.3638E, h0km, n15, 0.07024, 3C-1D, Western Arabian Peninsula.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ULOS, HBST Basata, MZDA Masada, HZKL Nakhi, etc.

NSSP 19 11:52:53.2, 4135N:4622E, h10km, ML2.8

TIF 19 11:52:56.7, 4135N:4608E, h24km, ML3.1

CSEM 19 11:52:57.3, 0.2, 4141N:4611E, h2km, mb4.1, Error ellipse: s-maj=5.4km s-min=4.4km az=36.0

MOS 19 11:52:57.6, 0.7, 4138N:4627E, h21km, mb4.1/1, Error ellipse: s-maj=12.2km s-min=8.3km az=116.3

ISCJB 19 11:52:58.9, 0.5, 4144N:003:4613E, h182km, 6km, Error ellipse: s-maj=4.5km s-min=3.5km az=18.2

ISC 19 11:52:58.2, 0.5, 4145N:003:4609E, h0km, 24km, n32, r1509/51, 1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DGRG David-gareji, GANJ Ganja, GANJ Ganja, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SEKA Sheki, MTA Mtatsminda, MTA Mtatsminda, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BRDA Brd, GOR Gori, GNI Garni, etc.

ISCJB 19 12:01:53.4, 4.5, 75S:02:1286E, h156km, 54km, mb3.8/2, Error ellipse: s-maj=41.0km s-min=32.8km az=12.6

NEIC 19 12:01:53.2, 3.2, 749S:12834E, h130km, 37km, Error ellipse: s-maj=34.4km s-min=26.9km az=78.0

IDC 19 12:01:54.0, 9.1, 75S:12843E, h142km, 97km, mb3.6/2, mb1 3.5/5, mb1mx3/3/16, mbrtp3.3/4/5, Error ellipse: s-maj=91.2km s-min=38.3km az=58.0

ISC 19 12:01:54.7, 2.1, 76S:01:1285E, h149km, 24km, n7, r092/10, mb3.8/2, Banda Sea

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

NEIC 19 12:06:10.1, 4518S:16734E, h74km, ML4.0(WEL), After WEL

WEL 19 12:06:10.2, 0.2, 4518S:16734E, h74km, 2km, ML3.9/14, Error ellipse: s-maj=1.7km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, DCZ Deep Cove, DCZ Deep Cove, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MSZ Milford Sound, MSZ Milford Sound, WHZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like WHZ Wether Hill, WHZ Wether Hill, PYZ Puysegur Point, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HHSS Highcliff Hill, RPZ Rata Peaks, RPZ Rata Peaks, etc.

MAN 19 12:19:09, 1375N:12266E, h17km, mb3.7, ML2.4, MS1.9, 1D, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GOP Guinayangan, POLP Polilio Island, PVCP Virac, etc.

NEIC 19 12:19:32.4, 3672S:17713E, h218km, MG4.1(WEL), After WEL

WEL 19 12:19:32.4, 0.8, 3672S:17713E, h219km, 6km, ML4.1/16, Error ellipse: s-maj=6.9km s-min=5.4km 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 Matakaoa Point, MXZ Matakaoa Point, URZ Urewera, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ABOS Akbulak array, WEL 19 12:56:56.4, 0.1, 3927S:17512E, etc.

WEL 19 12:56:56.4, 0.1, 3927S:17512E, h22km, 1km, ML3.5/42, Error ellipse: s-maj=1.0km s-min=0.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PKVZ Pokaka, PKVZ Mangateitei, PKVZ Mangateitei, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

19d 14h

Table with columns for station ID, name, elevation, and coordinates. Includes stations like Green Valley, White Tail Can, Three Points, Tucson, Homack Ranch, Oracle, Organ Pipe Nat, Ashpeak Ranch, Roosevelt, Nutrioso, Barren Site, Ladrón, Glamis, Junction City, La Mia Camp, Yava, Albuquerque, Seligman, Murrieta, Boquillas Ranc, Mount Baldy St, Mt Trumbull, Goldstone, Edwards Air Fo, Laurel Mountai, Wichita Mounta, Great Sand Dun, Cedar City, Manual Prospec, Antelope Range, Paradox Valley, Isabella, Topopah Spring, Marysvalle, Cottonwood Cre, Grapevine Rang, Snowmass, Tonopah Range, Troy Canyon, Goldfield, White Mtn Res, Parkfield, Tungsten Hills, Tonopah, Matias Romero, Tonopah, Duckwater, Drum Mountains, Idaho Springs, Bates Ranch, Millerton Lake, Daniels Canyon, Dugway, Mina Array Bea, Cedar Bluff, Mount Ida, Big Grassy Mou, Elk, Elk, Kirtwood Meado, Fish Creek Ran, Battle Mountai, Hansel Valley, Pah Rah Rang, Toulon, Kansas State U, GE Springer Mi, Flanigan, Pinedale Array, Gerlach, Cat Creek Ranc, Buffalo Meadow, Happy Creek R, Red Ridge.

2007 JUL

Table with columns for station ID, name, elevation, and coordinates. Includes stations like Eagle Lake Fie, Boulder Meadow, Wilsonson Ranc, Teton Pass, Long Hollow, Parker Ranch, Moose Ponds, Fields, Stokes Ranch, MacKenzie Ranc, Indian Meadow, Aceit, Halley, Rome, Tepich, Modoc, Wildhorse Cree, Mann Creek Ran, Rock Creek Ran, Lakeview, Garth Lake Lak, Circle Bar Ran, Challis, McKenzie Canyo, Valley Falls, Red Lodge, Hines, Summer Lake, Christmas Vall, Drewsey, Cobalt, Dillon, Noah's Angus R, Bozeman (W), Greycliff, Fort Rock, Durkee, Izeze, Lewis and Clar, Prairie City, EROS, Stouxs Fal, Darby, Bishop Farm, J, Elkhorn, Lands Inn, Kim, Coxe, Grangeville, Ingomar Point, Holter Researc, Edson Butte, Beach Ranch, E, Gopher Ranch, Chamberlain Mt, Lincnton Mounta, Missoula, Lincoln, Carlson Farm, Greenough, Hopedale, Waggoner Farm, Whitefish, Tuckaleechee C, Tuckaleechee C, Tuckaleechee C, Tuckaleechee C, Newport, Waterville, Entiat, Waterlon Lakes, Lebam, Hall Mountain, Notopah, Turner Farm, Ely, Lac du Bonnet, Dease Lake, Yellowknife Ar, El Rosal, San Domingo, Schefferville, Dawson, DAWY, Thorafore Moun, Kantishna Hill, Purkeypille, Purkeypille, Lincoln, Lake Minchum, Papeete, Villa Florida.

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Table with columns for station ID, name, elevation, and coordinates. Includes stations like Villa Florida, Paso Flores, Paso Flores, KESRA, AKASO, WMQ, LZH, CD2, Chengdu.

NIED 19 14:11:00, 2440N, 12480E, h32km, Mw4.1 Best double couple: M1.490000, 1015 N1.32128, 000000, 850, 000000, 1.76, 000000. NP2: 329, 000000, 842, 000000, 1, 106, 000000. BUJ 19 14:11:12.3, 2446N, 125.19E, h39km, mb4.3, Ms3.9, Ms3.9, Ms23.6

Southwestern Ryukyu Islands

Table with columns for station ID, name, elevation, and coordinates. Includes stations like Tarama, Miyako jima 2, Ishigaki jima, Gusukube, Kuro-shima, Iriomote-Funau, Hateruma jima, Yonaguni jima, Kume jima 2, Nacangchiao, Taipei, Aguni-jima, Yangeh, Tamagusuku 2, Iheya, Kunigami, Kunigami, Tsuchino, Amami Oshima, Minamidaito 2, Nanjing, Nakatsue, Korea Array, Matushiro, Matushiro, Matushiro Arr, Changchun, Chengdu, Hu-ho-7aoe, Asahikawa, Chiang Mai Arr, Gaotai, Kuching, Songino Array, Urumqi.

Table with columns: MKAR, Makanchi Array, 40.47 314 P, P, 14 18 50.4 +0.2, comp=2.2, 2.6nm, 0.6s, mb4.1, baz=10, slow=11, SNR=13

CSEM 19 14:23:43.1±0.1, 3836N:3929E, h8km, MD2.8, Error ellipse: s-maj=5.3km s-min=2.4km az=25.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, SVRC, Sirvice-ELAZID, 0.03 33 PG, P, 14 23 45.0 -1.1

ISCJB 19 15:05:57.8±0.8, 3932N:003.2024E, 0.06, h2km, 7km, Error ellipse: s-maj=8.3km s-min=4.3km az=0.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, IGT, Iougenitsa, 0.21 27 ePg, P, 15 06 03.1 +0.3

IDC 19 15:10:16.0±0.4, 1035N:12517E, h0km, mb4.7/2, mb1.4/8/29, mb1mx4.8/31, mb1mp4.7/29, ML4, 0/2, MS4.7/22, MS1.4/7/22, ms1mx4.6/29, Error ellipse: s-maj=0.21, 0.9km s-min=9.9km az=82.0

Msz4.9 NEIC 19 15:10:24.2±1.1, 1029N:12515E, h63km, 10km, mb5.0/49, Error ellipse: s-maj=9.5km s-min=5.5km az=80.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, MSLP, Maasin, 0.42 245 eP, P, 15 10 25.8 -0.4

YHNB 41m, 1s 41m, 1s 14.75 346 ePn, Pn, 15 13 50.7 +4.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, YHNB, Yehent, 14.75 346 ePn, Pn, 15 13 50.7 +4.1

ISCJB 19 15:05:58.8±0.1, 3932N:2026E, h12km, ML3.4, Error ellipse: s-maj=3.0km s-min=1.9km az=86.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, QZH, Quanzhou, 15.87 337 iP, P, 15 14 04.1 +2.7

ISCJB 19 15:10:18.2±0.5, 1032N:002.12526E, 0.03, h24km, 3km, mb5.0/115, MS4.8/49, Error ellipse: s-maj=4.62km s-min=3.2km az=167.8

Table with columns: NJ2, comp=Z, 3.7um, 17.9s, MS4.8, LR, LR, WHN, Wuhan, 22.54 335 P, P, 15 15 17.8 -0.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, WHN, Wuhan, 22.54 335 P, P, 15 15 17.8 -0.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, KAKA, Kakadu, 23.95 162 eP, P, 15 15 31.9 -0.7

CHJ3 Hachijo jima 2, 26.35 28 LR, LR, 15 15 21.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, FITZ, Fitzroy Crossi, 28.23 179 eP, P, 15 16 11.5 +0.3

ISCJB 19 15:05:58.0±1.0, 3932N:2026E, h12km, ML3.4, Error ellipse: s-maj=3.0km s-min=1.9km az=86.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, DL2, Dalian, 28.66 354 P, P, 15 16 17.6 +2.8

ISCJB 19 15:10:19.5±1.5, 1030N:12509E, h33km, mb5.2/37, MS4.8/15, Error ellipse: s-maj=12.6km s-min=5.8km az=107.1

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like INK, KAF, KAF, KAF, AKASG, AKASG, AKBB, AKBB, KIEV, KIEV, SKAG, SKAG, PPT, PPT, PPT, PPT, MAW, MAW, MAW, Vnda, Vnda, Vnda, Vnda, UZH, UZH, SBA, SBA, SBA, NB2, NB2, NOA, NOA, OKK, OKK, DPC, DPC, YKA, YKA, YKA, YKA, TREC, TREC, PVCC, PVCC, PRU, PRU, KHC, KHC, GERES, GERES, GERES, NKCC, NKCC, RKT, RKT, NVAR, NVAR, TXAR, TXAR, TORD, TORD, TORD, TORD, JCT, JCT, PLCA, PLCA, SDDR, SDDR, TROA, TROA, TRQA, TRQA, LPAZ, LPAZ.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like WRA, WRA, MBWA, MBWA, ASAR, ASAR, GTA, GTA, GTA, LSA, LSA, LSA, SONMI, SONMI, SONMI, NWAO, NWAO, STKA, STKA, PETK, PETK, PET, PET, PET, MKAR, MKAR, ZALV, ZALV, ZAL, ZAL, AML, AML, EKSS, EKSS, KURK, KURK, KURK, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, AKTK, AKTK, AKTK, INK, INK, Vnda, Vnda, PLCA, PLCA.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, OCLP, OCLP, BUTP, BUTP.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, OCLP, OCLP, BESP, BESP, LLL, LLL, BUTP, BUTP, TBP, TBP, CNP, CNP, SNPH, SNPH, BUKP, BUKP, GUIM, GUIM, RCP, RCP, OTRP, OTRP, CUYO, CUYO.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, OCLP, OCLP, LLL, LLL, BESP, BESP, TBP, TBP, CNP, CNP.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, OCLP, OCLP, BESP, BESP.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MVM, MVM, FDF, FDF, FDF, BIM, BIM, BLW, BLW, SLW, SLW, SLB, SLB, SCG, SCG, LZG, LZG, SVB, SVB, SVB.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MEX, MEX, ISCJB, ISCJB, MEX, MEX, ISCJB, ISCJB.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like PNIG, PNIG, PNIG, PNIG, PNO, PNO, OXH, OXH, UTMO, UTMO, HUIG, HUIG, HUIG, ACX, ACX, TPIG, TPIG, MEIG, MEIG, CAIG, CAIG, CAIG, CAIG, PLIG, PLIG, PLIG, YAUIG, YAUIG, YAUIG, PPM, PPM, PPM, CMIG, CMIG, CMIG, CMIG, CMIG, CMIG.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, BESP, BESP.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like MSLP, MSLP, SCPH, SCPH, PLP, PLP, BESP, BESP.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Matias Romero, Universidad Na, Zihuatanejo, Tuzandepet, San Cristobal, Tepich, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Harvey Farm, Hualapal Mount, Iron Mountain, Paradox Valley, North Rim, Hurst Farm, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Marrel Ranch, Juniper Basin, Red Lodge, Parker Ranch, Wilkenson Ranc, Buffalo Meadow, etc.

Table with 5 columns: Station, Name, Azimuth, Elevation, and other parameters. Includes stations like JAN, KEK, EVR.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like DWES, MGG, DVCT, etc.

NEIC 19 16:36:09.0, 1606N.9803W, h5km, MD4.3(MEX), After MEX.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like PNIG, VHO, OXX, etc.

ISCJB 19 16:42:17.7±0.8, 377S.01±509E.02, h10km, mb3.8/8, Error ellipse: s-maj=22.0km s-min=18.8km az=38.9

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like BOSA, MAW, GSPA, etc.

NIED 19 16:52:00.3740N:13860E, h8km, Mw3.8 Best double couple: M0.4980000°1014° NP1.337.00000° 879.00000°

ISCJB 19 16:52:05.0±0.5, 3746N.003±13857E.04, h28km±4km, mb4.2/2, Error ellipse: s-maj=5.4km s-min=4.6km az=11.3

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like JIZZ, JHK, JNN, etc.

Table with 5 columns: Station, Name, Azimuth, Elevation, and other parameters. Includes stations like JSZ, JHJ, KRSR, etc.

SZGRF 19 16:51:42.2, 1894S:17632W, h33km, Fiji Islands region

ISCJB 19 16:52:27.1±0.9, 1854S.005±1778W.005, h40km±10km, mb4.2/47, Error ellipse: s-maj=9.2km s-min=6.0km

NEIC 19 16:52:28.9±1.0, 1850S:17775W, h419km±10km, mb4.2/23, Error ellipse: s-maj=11.4km s-min=7.2km az=144.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like AFI, AFI, AFI, etc.

ISCJB 19 16:52:28.4±1.0, 1855S:17784W.005, h410km±11km, mb4.2/47, Error ellipse: s-maj=13.3km s-min=8.3km az=145.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like MAT, ASAJ, PETK, etc.

ISCJB 19 16:52:05.4±0.5, 3745N.003±13857E.003, h18km±3km, n15, ±0.97/26, mb4.2/2, 2C-5D, Near west coast of eastern Honshu

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like WDC, ORV, LAVA, etc.

Large table with 5 columns: Station, Name, Azimuth, Elevation, and other parameters. Includes stations like WCN, HUMO, S08C, etc.

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for locations like P12A McGill, T14A Hurricane, V15A Kaibab Nationa, etc.

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for locations like COLA College, A11A Hall Mountain, D13A Huson, etc.

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for locations like YSS, JRR, JRR, JSS, etc.

MAN 19 17:28:15, 1019N-12502E, h53km, mb3.9, ML2.7, MS2.3, 2D, Leyte. Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res.

MAN 19 17:32:09, 1026N-12513E, h23km, mb4.5, ML3.4, MS3.2, 2D, Leyte. Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res.

NIED 19 17:33:00, 34.70N-137.90E, h8km, Mw3.7. Best double couple: M4.680000*1014. NP1... Error ellipse: s-maj=5.8km s-min=5.2km az=177.9.

JMA 19 17:33:34, 1.3470N-137.90E, h13km, 1km, M3.9. Broadband fault plane solution: P waves. NP1: s245.00000, s54.00000, t157.00000.

JMA 19 17:33:34.0, 0.5, 3468N.003-137.90E.004, h12km, 5km, 1C, 0.81/20, 6C-4D, Near south coast of eastern Honshu.

MAN 19 17:34:46, 1660N-12252E, h1km, mb4.5, ML3.4, MS3.3, 1C-1D, Luzon. Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res.

IDC 19 17:34:59.0, 2.0, 1155S-11773E, h0km, mb3.9/1. Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res.

mb1 3.7/6, mb1mx3.5/19, mbtmp3.7/6, ML3.5/5, Error ellipse: s-maj=52.4km s-min=23.7km az=51.0, South of Sumbawa

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like Baumata, BATI, KAPANG, FITZ, WRA, ASAR, NWA0, ZALV.

MAN 19-07-32, 1041N-12510E, h2km, mb5.2, ML4.1, MS4.3, 3C-12, Leyte

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like MSLP, SCPH, PALO, ORMO, LAPU-LAPU, BESP, TAGBILARAN, BUTAN, SIBULAN, CATARMAN, JORDAN, MUSAN, ROKAS, VIRAC, ONGLANGAN, CUYO ISLAND, SJMP, CORON, ENPP.

ATH 19-18:19:25.7, 3926N-2029E, h35km, 7km, MD3.2/5 THE 19-18:19:25.9, 3925N-2017E, h2km, ML2.5

ISCJB 19-18:19:26.0, 3930N-2004.2, 202E.01, h27km, 6km, Error ellipse: s-maj=15.1km s-min=6.7km az=176.1

CSEM 19-18:19:26.7, 3925N-2028E, h12km, ML2.5, Error ellipse: s-maj=5.1km s-min=2.7km az=85.0

ISC 19-18:19:26.2, 3930N-2004.2, 202E.01, h26km, 9km, n3, c099/13, Greece-Albania border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like IGT, KEK, JAN, LKD, MEV, VLS, EVR, THL.

TEH 19-18:19:05.2, 3485N-5468E, h6km, ML3.8 ISCJB 19-18:19:51.0, 0.5, 3480N-5470E, h10km, Error ellipse: s-maj=4.8km s-min=3.6km az=41.6

THR 19-18:19:51.2, 0.4, 3484N-5464E, h14km, 8km, ML3.7 CSEM 19-18:19:51.2, 0.1, 3484N-5470E, h2km, mb4.2, 27.7

ISC 19-18:19:51.4, 0.8, 3480N-5472E, h10km, 5km, n32, c090/50, Northern and central Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like IANJ, ISHM, IFR, IAL, ISFB, DAMAVAND, DAMV, DAMY, IPRN, VARAMIN, NASN, ICHK, IAFJ, IZEF, GHOM, GHVR, IKHL, MARVAT, IGAR, IBAF, THKV.

Table with columns: THKV, IMEH, ISFR, IKRD, IPIR, IRAZ, IMOG, IMOG, IKOO. Lists stations with their respective coordinates and error ellipses.

ISCJB 19-18:20:04.5, 2.7, 3105N-006.4979E, h2km, 21km, mb4.0/23, Error ellipse: s-maj=11.0km s-min=8.4km az=38.1

KISR 19-18:20:06.9, 3052N-4947E, h33km, ML3.1 NEIC 19-18:20:07.8, 4.2, 3095N-4977E, h33km, 30km, mb4.3/9, Error ellipse: s-maj=18.2km s-min=9.0km az=163.0

IDC 19-18:20:08.0, 7.1, 3100N-4977E, h33km, 56km, mb3.8/13, Mb1 3.9/16, mb1mx3.7/29, mbtmp3.8/16, ML3.8/3, MS3.0/1, Ms1 3.0/1, ms1mx2.2/27, Error ellipse: s-maj=27.1km s-min=15.7km az=151.0

ISC 19-18:20:07.6, 2.5, 3102N-005.4977E, h2km, 20km, n53, c107/54, mb4.0/23, 3C-12, Western Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like KBD, QRN, NAY, NAY, NAY, KFDJ, BHD, BOSS, BHSD, ASYS, HRDSD, ASAF, ASAF.

MMAI Mount Meron Ar 12.36 283 Pn Pn 18 23 02.0 +0.5

EIL Elat 12.87 268 Pn Pn 18 23 07.0 -1.6

AKTK Aktyubinsk 20.36 15 P 18 24 41.1 -0.5

AKTO Aktyubinsk 20.36 15 P 18 24 41.1 -0.5

IRR Irigulor 21.49 315 P 18 24 58.1 +4.2

MLR Munlele Ross 23.52 315 P 18 25 16.6 +1.3

VOIR Voina 24.05 314 P 18 25 21.9 +1.8

AKAS Malin Aray Be 24.91 328 P 18 25 27.0 -1.0

DRGR Borovoye Array 26.62 28 P 18 25 43.9 +0.6

MKAR Makanchi Array 29.55 49 P 18 26 09.5 -0.1

GERES GERES Array B 32.50 34 P 18 26 35.4 -0.2

KEST Kesra 33.92 289 P 18 26 52.2 +4.1

ZALV Zalesovo Beam 34.00 37 P 18 26 48.6 0.0

GRA1 Grafenberg Arr 34.31 314 eP P 18 26 54.1 +2.7

GRF Grafenberg Arr 34.31 314 eP P 18 26 54.1 +2.7

MBDF Montbardon 36.18 305 eP P 18 27 07.2 -0.3

MBDF Montbardon 36.18 305 eP P 18 27 07.2 -0.3

BNI Bardonecchia 36.29 305 eP P 18 27 08.3 -0.1

BNI Bardonecchia 36.29 305 eP P 18 27 08.3 -0.1

LPG La Plagne 36.30 306 eP P 18 27 08.7 +0.2

LPG La Plagne 36.30 306 eP P 18 27 08.7 +0.2

LPL La Plagne 36.31 306 eP P 18 27 08.8 +0.2

LPL La Plagne 36.31 306 eP P 18 27 08.8 +0.2

LASF Ste Croix 38.19 303 eP P 18 27 23.0 -1.6

AVF Avril sur Loir 38.81 307 eP P 18 27 29.4 -0.3

AVF Avril sur Loir 38.81 307 eP P 18 27 29.4 -0.3

NOA NORARS Array B 39.23 331 P 18 27 32.0 -1.0

MTLF Montlieux 39.34 302 eP P 18 27 33.3 -0.9

EPF Esparros 40.71 301 eP P 18 27 44.2 -1.3

Table with columns: MWZ, MWZ, MWZ, KNZ, BKZ, MOVZ, MOAWHANGO, KAHZ, BSWA, WPIZ, MRZ, MRZ, TIWZ, THZ, KIW, CAW, TCW, THZ, THZ, KHZ, KHZ. Lists stations with their respective coordinates and error ellipses.

IDC 19-18:49:12.6, 8.2, 3616N-7120E, h51km, 77km, mb3.7/4, mb1 3.7/6, mb1mx3.4/24, mbtmp3.7/6, ML3.7/2, Error ellipse: s-maj=66.6km s-min=45.9km az=134.0

ISCJB 19-18:49:18.0, 0.5, 3643N-003.7135E, h007, h12km, 6km, mb3.8/3, Error ellipse: s-maj=9.0km s-min=4.6km az=172.7

MOS 19-18:49:18.2, 0.9, 3652N-7115E, h106km, mb3.9/3, Error ellipse: s-maj=34.9km s-min=14.5km az=75.6

NEIC 19-18:49:18.8, 1.0, 3644N-7124E, h104km, 11km, mb4.8/4, Error ellipse: s-maj=27.7km s-min=8.9km az=128.0

NNC 19-18:49:18.3, 5.5, 3688N-7088E, h106km, 78km, mb3.3, mp4.3, Error ellipse: s-maj=47.8km s-min=29.9km az=120.0

ISC 19-18:49:19.2, 0.4, 3642N-003.7135E, h007, h11km, 8km, n52, c106/65, mb3.8/3, 5C-6D, Afghanistan-Tajikistan border region

Table with columns: CEP, CEP, CHCP, THW, SARP, SARP, DRP, THN, THN, AML, UCH, KZA, EKS2, EKS2, KK31, KK31, SDNR, SDNR, KBK, ULHL, CHMS, SMLA, SMLA, SMLA, SMLA. Lists stations with their respective coordinates and error ellipses.

SMLA Simla 7.16 136 iP Pn 18 51 01.0 -0.4

SMLA Simla 9.48 148 eS Pn 18 51 11.4 -3.1

SMLA Simla 14.82 131 ex x 18 52 23.2

SMLA Simla 15.99 17 P Pn 18 50 55.6 +0.2

UCH Uchter 6.30 22 eP Pn 18 50 50.0 +0.4

KZA Kyzart 6.41 27 P Pn 18 50 51.2 +0.1

EKS2 Erkin-Say 6.51 16 eP Pn 18 50 52.0 -0.5

EKS2 Erkin-Say 6.51 16 P Pn 18 50 52.9 +0.4

KK31 Karatay Array 6.71 355 P Pn 18 50 53.5 -1.7

KK31 Karatay Array 6.71 355 P Pn 18 50 53.5 -1.7

SDNR Sundarnagar 6.77 135 eP Pn 18 50 56.0 -0.1

SDNR Sundarnagar 6.77 135 eP Pn 18 50 56.0 -0.1

KBK Karagaybulak 6.83 23 P Pn 18 50 57.5 +0.8

ULHL Ulaloh 6.95 32 P Pn 18 50 58.9 +0.5

CHMS Chumysh 7.08 21 P Pn 18 51 00.6 +0.4

SMLA Simla 7.16 136 iP Pn 18 51 01.0 -0.4

SMLA Simla 9.48 148 eS Pn 18 51 11.4 -3.1

SMLA Simla 14.82 131 ex x 18 52 23.2

SMLA Simla 15.99 17 P Pn 18 50 55.6 +0.2

USP Uspek 7.26 19 P Pn 18 51 02.8 +0.2

TKM2 Tokmak 2 7.28 25 P Pn 18 51 03.1 +0.3

TKM2 Tokmak 2 7.28 25 P Pn 18 52 22.5 -1.2

TKM2 Tokmak 2 7.28 25 eP Pn 18 51 03.0 +0.2

TKM2 Tokmak 2 7.28 25 eP Pn 18 51 03.0 +0.2

TKM2 Tokmak 2 7.28 25 eP Pn 18 51 03.1 +0.3

KLP Kaipa 7.52 128 eP Pn 18 51 03.7 -0.6

KLP Kaipa 7.52 128 eS Pn 18 52 24.8 -5.2

DDI Dehra Dun 8.27 135 ex x 18 52 51.8

JOSI Joshimath 9.01 128 eS Pn 18 51 28.2 -1.8

JOSI Joshimath 9.01 128 eS Pn 18 53 00.6 -5.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists stations like IANJ, ISHM, IFR, IAL, ISFB, DAMAVAND, DAMV, DAMY, IPRN, VARAMIN, NASN, ICHK, IAFJ, IZEF, GHOM, GHVR, IKHL, MARVAT, IGAR, IBAF, THKV.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MWZ, VRZ, KNZ, KAHZ, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BBB, MKAR, ZALV, etc.

ISCJB 19 20:12:26.8.0.5, 5140N, 003.1610E, 003, h0km, Error ellipse: s-maj=3.3km s-min=2.5km az=17.8

CSEM 19 20:12:28.7.0.2, 5146N, 1609E, h1km, ML3.3/14, Error ellipse: s-maj=3.1km s-min=1.8km az=4.0

WAR 19 20:12:28.8.5, 5150N, 1609E, ML2.6, Mining Induced PRU 19 20:12:28.5, 5147N, 1610E, h0km

IPEC 19 20:12:28.4.0.3, 5150N, 1613E, h8km, 1km, ML2.4/3, Error ellipse: s-maj=1.9km s-min=0.7km az=31.0

VIE 19 20:12:30.6.0.5, 5127N, 1612E, h0km, mb2.3/6, ML2.7/6, Error ellipse: s-maj=3.3km s-min=3.0km az=112.0

Suspected Mining Induced. ISC 19 20:12:27.2.0.5, 5150N, 003.1612E, 003, h0km, n43, +092/81, 6C-30, Poland

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

SZGRF 19 20:24:24.2.24.2, 1894S, 17570W, h33km, Tonga Islands NEIC 19 20:25:30.7.1.9, 1833S, 17739W, h602km, 24km, mb4.4/3, Error ellipse: s-maj=21.6km s-min=14.4km az=175.0

ISCJB 19 20:25:31.3.2.3, 184S, 02.1781W, 0.1, h623km, 31km, mb4.0/9, Error ellipse: s-maj=29.0km s-min=17.2km az=159.3

IDC 19 20:25:33.7.2.2, 1854S, 17802W, h640km, 32km, mb3.4/9, mb1.3/7.9, mb1mx3.3/20, mbtmp3.4/9, Error ellipse: s-maj=28.3km s-min=13.5km az=163.0

ISC 19 20:25:31.6.2.2, 184S, 02.1781W, 0.1, h610km, 28km, n26, +0569/14, mb4.0/9, Fiji Islands region

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

NEIC 19 20:29:29.6.0.8, 1460S, 16626E, h10km, mb4.7/1, Error ellipse: s-maj=21.6km s-min=13.2km az=136.0

ISCJB 19 20:29:32.3.0.6, 1461S, 006.16596E, 010, h33km, mb4.2/12, MS3.5/4, Error ellipse: s-maj=14.3km s-min=7.4km az=163.9

IDC 19 20:29:38.27.2.9, 1452S, 16580E, h57km, 58km, mb3.8/9, mb1.3/9.11, mb1mx3.8/19, mbtmp3.8/11, ML4.3/2, MS3.4/6, Ms1.3/4.6, ms1mx3.2/26, Error ellipse: s-maj=57.3km s-min=21.4km az=107.0

ISC 19 20:29:34.2.0.6, 1457S, 006.16603E, 010, h35km, n31, +0592/18, mb4.2/12, MS3.5/4, Vanuatu Islands

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

NEIC 19 20:58:43.3, 1734N, 10123W, h17km, MD3.9(MEX), After MEX. MEX 19 20:58:43.0.5, 1734N, 10123W, h18km, 38km, MD3.8, Near coast of Guerrero

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

ISCJB 19 21:07:17.7.0.5, 279S, 007.3604E, 010, h10km, mb4.2/12, MS3.4/5, Error ellipse: s-maj=16.0km s-min=6.3km az=31.2

IDC 19 21:07:18.4.1.1, 269S, 3606E, h0km, mb3.9/6, mb1.4/0.8, mb1mx3.7/25, mbtmp3.9/8, ML3.9/2, MS3.5/6, Ms1.3/5.6, ms1mx3.2/24, Error ellipse: s-maj=70.2km s-min=11.8km az=126.0

NEIC 19 21:07:20.1.0.6, 277S, 3606E, h10km, mb4.0/3, Error ellipse: s-maj=38.4km s-min=9.5km az=126.0

NEIC Felt at Nairobi, Kenya. ISC 19 21:07:19.2.0.5, 278S, 007.3606E, 010, h10km, n31, +0196/32, mb4.2/12, MS3.4/5, Tanzania

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

TIF 19 20:17:53.7, 4228N, 4586E, h13km, 3km ISCJB 19 20:17:54.1, 0.7, 4227N, 004.4588E, 004, h2km, 8km, Error ellipse: s-maj=6.7km s-min=4.0km az=157.3

MOS 19 20:17:55.1, 0.2, 4222N, 4594E, h21km, mb3.7/1, Error ellipse: s-maj=15.2km s-min=11.4km az=117.4

CSEM 19 20:17:55.1, 4222N, 4594E, h21km, mb3.7, Error ellipse: s-maj=15.2km s-min=11.4km az=274.0, After OBN

ERPMP east rand prop 24.51 197 eP P 21 12 38.8 0.0

KSR Koster 24.57 200 eP P 21 12 38.4 -1.1

POGA Pongola 24.82 189 eP P 21 12 39.5 -2.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, SONM Songino Array, etc.

ISCJJB 19 21:12.41:0.0, 2337S-6583W, h212km, 76km, mb3.3/1, mb1 3.4/2, mb1mx3.0/1, mb1btp3.3/2, Error ellipse: s-maj=122.9km s-min=67.2km az=35.0, Ujuyuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COA Coachella, EMX El Mayor, SGL Mount Signal, etc.

NEIC 19 21:18.37:6.110, 6224N-14165W, h5km, ML3.7/4, 3D, 231km southwest of Dawson, Yt Central Alaska, Central Alaska.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BC3A Beaver Creek A, MENT Mentasta, HARP HAARP, etc.

CSEM 19 21:21.43:9.0, 4035N:2756E, h10km, MD2.9, Error ellipse: s-maj=1.7km s-min=1.4km az=14.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EDC Edincif, MRMT Marmara Adasi, RKY Sarkoy-Tekirda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KCT Karacabey, BALLY Balya, BTK Tokmak, etc.

CASC 19 21:40.15:8.2.6, 1424N-9220W, h51km, 27km, MD4.0, Error ellipse: s-maj=12.6km s-min=5.0km az=32.2

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

ISCJJB 19 22:03:07.5:0.7, 5138N:003:1619E:003, h0km, Error ellipse: s-maj=5.1km s-min=2.6km az=18.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiadz, KSP Ksiadz, UPC Upice, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHC Kasperske Hory, KHC Kasperske Hory, MOX Moxa, etc.

19 22:17:54.9:0.7, 1039N:12503E, h0km, mb4.1/1/3, mb1 4.3/1/3, mb1mx4.2/2.1, mb1btp4.1/1/3, MS3.4/1/3, ms1 3.5/1/3, ms1mx3.3/3/0, Error ellipse: s-maj=33.5km s-min=12.9km az=75.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSLP Maasin, MSLP Maasin, SCPL Surigao, etc.

GUMU Guam 19 22:29.00:0.0, 13.55N, 156.03W, h0km, Error ellipse: s-maj=225.5km s-min=112.7km az=114.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, CBU Chinkijima, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA, JMJC, PLCA.

ISCJB 19 22:35:03.4 1.8, 129N:02:415E:02, h10km, Error ellipse: s-maj=37.6km s-min=8.0km az=146.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRBA, UDYN, DHBB, FURI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRBA, UDYN, DHBB, FURI.

IDC 19 22:43:02.6 1.2, 942N:82.64W, h0km, mb3.9/5, mb1.4/1.7, mb1mx3.8/22, mbtmp3.9/7, ML3.5/2, MS3.1/2, Ms1.3/1.2, ms1mx2.5/29, Error ellipse: s-maj=39.3km s-min=25.1km az=59.0

ISCJB 19 22:43:04.7 0.5, 932N:003:82.63W:003, h30km, 4km, mb4.0/7, Error ellipse: s-maj=6.4km s-min=4.2km az=36.9

NEIC 19 22:43:04.7 3.2, 937N:82.66W, h17km, 22km, mb4.5/2, Error ellipse: s-maj=11.8km s-min=6.7km az=23.0

CASC 19 22:43:05.4 2.7, 928N:82.78W, h9km, 11km, MD3.9, mb4.5(NEIC)

ISC 19 22:43:04.8 0.5, 933N:003:82.67W:003, h17km, 4km, n36, #0598/46, mb4.0/7, 3C-4D, Panama-Costa Rica border region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists many stations including CNI, CTOR, BRUZ, TBSE, etc.

ISCJB 19 22:44:03.6 0.8, 3929N:003:2027E:007, h10km, Error ellipse: s-maj=8.0km s-min=3.9km az=178.0

CSEM 19 22:44:04.6 0.1, 3932N:2028E, h2km, ML2.4, Error ellipse: s-maj=2.6km s-min=1.6km az=76.0

THE 19 22:44:04.2, 3928N:2026E, h1km, ML2.4

ATH 19 22:44:05.9, 3944N:2029E, h4km, MD3.0/5

ISC 19 22:44:04.3 0.8, 3930N:003:2026E:008, h0km, 12km, n12, #0588/19, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IGT, KEK, JAN, LKD, etc.

ISCJB 19 22:56:58.0 0.8, 3929N:003:202E:01, h10km, Error ellipse: s-maj=11.8km s-min=4.2km az=176.5

CSEM 19 22:56:58.7 0.1, 3929N:2026E, h2km, ML2.7, Error ellipse: s-maj=3.5km s-min=1.6km az=82.0

ATH 19 22:56:58.7, 3929N:2022E, h3km, MD3.2/4

THE 19 22:56:58.1, 3928N:2022E, h1km, ML2.7

ISC 19 22:56:58.3 0.9, 3928N:003:202E:01, h4km, 8km, n10, #0611/6, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IGT, KEK, JAN, LKD, etc.

Table with columns: MEV, VLS, VLS, VLS, KFL, KFL, THL. Includes stations like Metsovon, Valsamata, Anninata, Klokotos Trika.

IDC 19 22:57:21.9 6.5, 4692N:150.33E, h0km, mb3.5/3, mb2.3/9, mb1mx3.5/20, mbtmp3.5/3, Error ellipse: s-maj=256.9km s-min=40.7km az=6.0

ISCJB 19 22:58:50.6 0.8, 665N:01:1643E:03, h10km, mb3.6/2, Error ellipse: s-maj=21.8km s-min=14.1km az=155.3

MOS 19 22:58:51.1 2.0, 6635N:164.23E, h10km, mb4.3/1, Error ellipse: s-maj=40.4km s-min=17.1km az=82.2

ISC 19 22:58:52.9 0.7, 663N:01:1646E:03, h10km, n12, #121/12, mb3.6/2, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BILL, TIX, COLA, YSS, etc.

KRAR Krasnoyarsk 34.10 288 eP P 23 05 35.4 -1.8

TXAR Lajitas Array 64.24 76 P P 23 09 28.1 +0.4

ISCJB 19 23:00:16.8 3.6, 17S:01:1007E:01, h80km, 32km, mb4.1/13, Error ellipse: s-maj=27.0km s-min=11.1km az=141.9

NEIC 19 23:00:18.1 1.6, 173S:100.62E, h77km, 15km, mb4.2/6, Error ellipse: s-maj=14.0km s-min=6.2km az=52.0

IDC 19 23:00:18.6 11.0, 167S:100.71E, h78km, 101km, mb3.6/8, mb1.3/7.8, mb1mx3.5/21, mbtmp3.6/8, Error ellipse: s-maj=80.7km s-min=16.6km az=58.0

ISC 19 23:00:17.9 2.6, 17S:01:1006E:01, h74km, 24km, n24, #0562/21, mb4.1/13, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KSM, CMAR, MBWA, LSA, etc.

NACB Ninganchiao 32.84 37 P P 23 06 43.6 -1.2

WB2 Warrungarra Arr 37.60 121 P P 23 07 26.3 +0.6

ASAR Ace Springs 38.91 127 P P 23 07 36.8 +0.2

STKA Stephens Creek 48.86 132 eP P 23 08 56.9 +0.6

SOMN Songoing Array 49.63 5 P P 23 09 02.4 +0.6

EK5Z Erkin-Sat 50.40 334 eP P 23 09 08.6 +0.9

MKAR Makanchi Array 50.95 344 P P 23 09 11.8 0.0

KURK Kurchatov 55.54 343 eP P 23 09 44.8 -0.6

ZALV Zalezovo Beam 57.03 349 P P 23 09 55.6 -0.3

BVAR Borovoye Array 60.16 339 P P 23 10 17.2 -0.5

YSS Yuzh-Sakhalins 60.94 32 P P 23 12 22.8 -0.4

ARCES ARCES Array B 66.44 340 P P 23 12 51.9 0.0

TXAR Lajitas Array 144.12 38 PKP 23 19 45.2 -0.7

CPUP Villa Florida 144.90 216 PKPbc PKPdf 23 19 46.7 -0.6

ISCJB 19 23:24:35.5 0.2, 4678N:002:969E:002, h10km, Error ellipse: s-maj=2.5km s-min=2.0km az=169.6

ZUR 19 23:24:36.7, 4676N:97.3E, h5km, 2km, ML2.2/10

ROM 19 23:24:36.3 0.5, 4679N:97.4E, h10km, 3km, MD2.6/9, M1.8/6, Error ellipse: s-maj=10.0km s-min=2.2km az=47.0

VIE 19 23:24:36.5 0.2, 4678N:97.7E, h6km, 1km, mb1.5/7, ML2.4/9, Error ellipse: s-maj=1.6km s-min=0.7km az=27.0

LDG 19 23:24:36.4 0.1, 4676N:97.7E, h10km, ML2.5/13, Error ellipse: s-maj=1.3km s-min=0.9km az=174.0

PRU 19 23:24:39.9, 4694N:97.2E, h12km

STR 19 23:24:40.6 0.5, 4688N:95.8E, h10km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 19 23:24:36.3 0.3, 4679N:002:970E:002, h4km, 4km, n59, #1501/90, 9C-13D, Switzerland

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists many stations including DAVOX, PLONS, VDL, etc.

Table with columns: MDI, MDI, TRULI, MOTA, MOTA. Includes stations like Monti di Nese, Trueliken, Moosalm.

ISCJB 19 23:27:01.2 4.2, 753S:127.92E, h128km, 36km, mb3.76, mb1.3/9.9, mb1mx3.8/16, mbtmp3.8/9, MS2.8/1, Ms1.2.8/1, ms1mx3.2/21, Error ellipse: s-maj=50.7km s-min=15.4km az=64.0

ISCJB 19 23:27:04.1 3.1, 776S:006:12769E:007, h141km, 14km, n43, #092/47, mb4.2/18, 1C-ID, Banda Sea

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists many stations including BATI, BATI, KAKA, FITZ, WRAB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, UCH Uchter, MA2 Magadan, etc.

NIED 19 23:50:00, 3700N, 13640E, h5km, Mw3.6. Best double couple: M1, 2.40000, 1.014, NP1=0.60000, 0.850000, 1.83.00000, NP2=0.203.00000, 0.326.00000, 1.105.00000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH Haku, JKH Kaga, JKT Ttatey, etc.

CASC 19 23:54:50.9, 2.4, 892N, 8291W, h6km, 2.8km, MD3.8, 6C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTRC Cotoan, BRU2 Volcan, TBS2 TBS2, etc.

NIED 19 23:58:00, 3700N, 13640E, h5km, Mw4.0. Best double couple: M1, 2.40000, 1.015, NP1=0.480000, 0.874.00000, 1.127.00000, NP2=0.159.00000, 0.840.00000, 1.26.00000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH Haku, JKH Kaga, JKT Ttatey, etc.

ISCJB 19 23:58:45.4, 1.1, 3704N, 1003.13637E, 0.04, h8km, 7km, mb4.0/4, MS2.9/3, Error ellipse: s-maj=5.7km s-min=5.1km az=14.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH Haku, JKH Kaga, JKT Ttatey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Wongoing Array, QIZ Qiongzong, CIMI Tiksi, etc.

NEIC 20 00:18:29.5, 2.9, 1578S, 16850E, h246km, 22km, mb4.5/8, Error ellipse: s-maj=26.9km s-min=15.7km az=213.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTAA Charters Tower, SNZO South Karori, etc.

NEIC 20 00:18:50.9, 3.1, 0, 1632S, 16780E, h434km, 303km, mb3.8/7, mb1.4/0.7, mb1mx3.6/1.9, mbtmp3.8/7, Error ellipse: s-maj=186.7km s-min=23.4km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVND Vanda, VBA Vanda, SBA Scott Base, etc.

NEIC 20 00:18:57.1, 0.9, 641S, 15353E, h0km, mb4.3/10, mb1.4/5.1, mb1mx3.5/2.4, mbtmp4.3/11, ML4.3/1, MS3.4/6, Ms1.3/4.6, ms1mx3.1/2.5, Error ellipse: s-maj=29.9km s-min=18.1km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTAA Charters Tower, etc.

ISCJB 20 01:19:05.3, 4.6, 648S, 0.10, 1533E, 0.2, h68km, 4.0km, mb4.3/19, Error ellipse: s-maj=25.3km s-min=16.4km az=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTAA Charters Tower, etc.

NEIC 20 01:19:07.5, 4.1, 652S, 0.10, 1533E, 0.2, h74km, 3.6km, n4.0, 0.692/30, mb4.3/19, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, CTAA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea.

ISC 20 00:34:19.6, 2.9, 392N, 12843E, h0km, mb3.7/3, mb1.3/9/3, mb1mx3.6/1.8, mbtmp3.7/3, Error ellipse: s-maj=223.0km s-min=26.5km az=68.0, North of Halmahera

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

ISCJB 20 01:50:25.6, 0.5, 4004N, 002.2545E, 0.03, h10km, 4km, Error ellipse: s-maj=4.1km s-min=3.9km az=32.4

ATH 20 01:50:26.7, 4.001N, 2543E, h2km, 1km, MD3.1/5, THE 20 01:50:27.3, 4.003N, 2546E, h12km, ML2.8, NEIC 20 01:50:27.3, 4.003N, 2546E, h12km, MD3.1(ATH), ML2.8(TH), After THE.

CSEM 20 01:50:27.8, 0.1, 4004N, 2541E, h20km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.5km az=131.0, SOF 20 01:50:28.5, 4.022N, 2531E, h7km, MD2.6, ISC 20 01:50:26.4, 0.4, 4002N, 2533E, 0.03, h16km, 4km, n23, 0.1902/36, Aegean Sea

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

PRU 20 01:56:23.3, 4372N, 1499E, h0km, ISCJB 20 01:56:24.5, 0.7, 4380N, 003.1521E, 0.04, h9km, 4km, Error ellipse: s-maj=4.9km s-min=4.4km az=11.2

NEIC 20 01:56:25.2, 4330N, 1540E, h5km, ML3.1(ZAG), ML2.8(LDG), After ZAG.

LDG 20 01:56:26.3, 0.2, 4383N, 1527E, h10km, M2.8/4, Error ellipse: s-maj=6.0km s-min=4.9km az=104.0, CSEM 20 01:56:27.2, 0.1, 4394N, 1509E, h15km, ML3.0/3, Error ellipse: s-maj=2.9km s-min=1.7km az=126.0, IPEC 20 01:56:30.4, 0.4, 4404N, 1535E, h21km, 1km, ML1.9/1, Error ellipse: s-maj=3.1km s-min=2.1km az=102.0

ISC 20 01:56:25.4, 0.8, 4382N, 003.1525E, 0.04, h5km, 5.5km, n6.4, 0.091/106, 22C-8D, Adriatic Sea

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include FUORN, FETA, ZST, MOTA, MOTA, MOTA, YKA, PGF, DAVA, GEC2, PSZ, KOLL, KRUC, KHC, KHC, KHC, VRAC, WET, WET, SBF, KECS, MBDF, MBDF, PRU, FRF, LPGA, LPGA, LPL, LPL, LPL, LPL, LMR, ORIF, CLL, VIVF, LOR.

MOS 20 02:00:10.5:0.9, 5248N:16824W, h33km, mb5.0, B1, MS4, 1/15, Error ellipse: s-maj=8.4km s-min=4.4km az=89.1

ISCJB 20 02:00:11.2:0.1, 5250N:003:16823W, h38km, mb4.7/195, MS4, 2/34, Error ellipse: s-maj=4.1km s-min=2.0km az=20.3

NEIC 20 02:00:11.2, 5251N:168.12W, h17km, mb4.7/135, ML4.5(PMR), ML4.2(AEIC), After AEIC, BUJ 20 02:00:11.5, 5320N:169.00W, h17km, mb5.0, Ms4.6, Ms4.4

IDC 20 02:00:12.0:6.5, 5258N:168.20W, h33km, 49km, mb4.4/27, ms1.4, 6/27, mb1mx4.5/31, mbtmp4.2/27, MS4.0/13, Mb1.4, 0/13, ms1mx3.7/34, Error ellipse: s-maj=2.1km s-min=1.1km az=178.0

SZGRF 20 02:00:15.6, 5257N:167.69W, h44km, mb4.8, Fox Islands, Aleutian Islands, United States

ISC 20 02:00:13.3:0.1, 5255N:003:16825W, h40km, h40km, 2.0km, P-P, n701, e0:73/700, mb4.7/195, MS4, 2/34, 120C-86D, Fox Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include NIKO, OKCE, OKCE, UNV, UNV, AKGG, AKUT, FALS, FALS, SPIA, SDPT, CHGN, AMKA, OHAK, KDAK, KDAK, KDAK, KDAK, SWV2, TTA, SLKM, PPLA, PMR, PMR, PMR, CHUM, KTH, BPAW, EYAK, DIV, MCK, MCK, MCK, BMRM, IMA2, COLA, COLA, EGAK, DAWY, SKAG, BILL, BILL, PET, PET, PET, PET, PETK, CRAG, WRAK, DLBC, INK.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include INK, BBB, BBB, YKA, YKA, YKA, YKA, C05A, F04A, ETW, JO2A, H04A, H04A, D07A, JO3A, K02A, H04A, H04A, B09A, YSS, YSS, HUMO, HUMO, HUMO, BBOR, HAWA, VIFM, H06A, KHMM, YBHA, YBHA, YBHA, NEW, NEW, J05A, A11A, A11A, N02C, L04A, D10A, M04C, K05A, M03C, TIXI, TIXI, TIXI, TIXI, I07A, KIPM, KCPM, J06A, F09A, WDC, WDC, WDC, E10A, O02C, K06A, H08A, L05A, F10C, F10A, D11A, G09A, M05C, GASB, YAK, YAK, A13A, HATC, I08A, MOD, MOD, HOPS, G10A, E11A, B13A, W01A, K07A, B12A, D02A, J08A, M06C, F11A, C13A, O04C.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include MNRK, L07A, G11A, K08A, ORV, H10A, SUTB, WVOR, WVOR, J09A, D13A, O05C, O05C, CVMC, C14A, Q03C, N06A, F12A, M07A, L08A, H11A, K09A, BEKR, MSO, E13A, V06A, O06A, D14A, P05C, M08A, F13A, L09A, JRSC, K10A, LAVA, E14A, WENL, HABR, HABR, HABR, HABR, H12A, PAHR, WCN, G13A, D15A, M09A, R05C, F14A, K11A, E15A, H13A, L10A, CMB, CMB, CMB, G14A, J12A, PACP, M10A, R06C, WAKR, L11A, H13A, HLID, HLID, HAST, S06C, BMM, DLMT, S05C, K12A, J13A, O09A, G15A, M11A, V03C, U04C, BOZ, BOZ, BOZ, O10A, Q08A, NVAR.

Table with 6 columns: DIM, HRT, ADVT, AKS, GDZ, MMB, PLG, VTS. Rows include Dimitrovgrad, Hereke, Abduvahap, Akhisar, Gediz, Musoniste, Polygros, Vitohsa.

IDC 20 05:02:33.4.2.0, 254N-12696E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/17, mbtimp3.7/4, Error ellipse: s-maj=171.3km s-min=23.9km az=65.0, Northern Molucca Sea

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

MAN 20 05:12:14, 1581N-11984E, h30km, mb3.5, ML2.2, MS1.6, Luzon

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SCZP Santa Cruz, SCZC, BOLP Bolinao, BALP Baler.

IDC 20 05:19:32.6.2.7, 3752N-13850E, h0km, mb3.7/1, mb1 3.9/2, mb1mx3.4/23, mbtimp3.5/2, ML3.2/1, Error ellipse: s-maj=21.3km s-min=18.2km az=44.0

ISCJB 20 05:19:34.7.0.5, 3749N-13851E, h19km, mb3.5, km, Error ellipse: s-maj=5.7km s-min=4.9km az=177.1

JMA 20 05:19:35.2.7, 3749N-13851E, h19km, mb3.5, km, Error ellipse: s-maj=5.7km s-min=4.9km az=177.1

ISC 20 05:19:35.1.0.5, 3748N-13851E, h30km, mb3.5, km, n13, c0612/3, 1C-4D, Near west coast of eastern Honshu

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JIZZ Ituzozaki, JHK Hiroka, JHN Nakama, JSD Sado, JNS Sasagawa, JNS JNS, JSZ Suzu, JKT Katsushina, JFT Yanaizu, JMAT Matsushiro, MAT Matsushiro, MJAR Matsushiro Arr.

MJAR Matsushiro Arr 0.96 195 Pg 05 19 52.5 -1.4

WRA Warramunga Arr 0.75 241 P 05 29 21.4 +0.2

IDC 20 05:27:51.5.2.4, 589S-13025E, h0km, mb4.4/2, mb1 4.3/5, mb1mx3.9/15, mbtimp4.1/5, ML4.0/3, Error ellipse: s-maj=95.3km s-min=25.2km az=73.0

NEIC 20 05:28:02.8.3.5, 628S-12999E, h100km, mb4.1/3, Error ellipse: s-maj=30.0km s-min=23.1km az=193.0

ISCJB 20 05:28:11.9.1.6, 690S-13013E, h0km, mb3.8/3, Error ellipse: s-maj=16.3km s-min=11.3km az=30.0

ISC 20 05:28:09.9.1.5, 667S-13016E, h0km, mb3.5, km, n9, c1906/14, mb3.9/3, Banda Sea

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KAKA Kakadu, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, COEN Coen, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array, EK52 Erkin-Say.

IDC 20 05:31:13.0.5.7, 2383S-17991W, h497km, mb3.2/6, mb1 3.4/7, mb1mx3.2/17, mbtimp3.2/7, Error ellipse: s-maj=39.9km s-min=24.7km az=41.0

ISCJB 20 05:31:14.9.4.1, 241S-1800E, h252km, mb4.5/km, mb3.7/9, Error ellipse: s-maj=37.1km s-min=22.5km az=139.9

NEIC 20 05:31:15.1.3.4, 2406S-17995W, h514km, mb3.7/km, Error ellipse: s-maj=32.6km s-min=19.0km az=46.0

ISC 20 05:31:15.0.3.6, 241S-1800E, h252km, mb4.5/km, n13, c1501/13, mb3.7/9, South of Fiji Islands

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include URZ Urewera, CTA Charters Tower, CTAO Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, VNDA Vanda, VNDA Vanda, GNSA South Pole Qui, MAW Mawson, YSS Yuzh-Sakhalins, SNAA Sanae, TXAR Lajitas Array, TXAR Lajitas Array.

NEIC 20 05:44:26.6.5956N-13737W, h1km, ML2.7(PGC), ML2.5(AEIC), After PGC

PGC 20 05:44:26.6.1.5, 5956N-13737W, h1km, ML2.7/5, 2D, 103km east of Yakutat, Ak Southeastern Alaska, Southeastern Alaska

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DHAK Deception Hill, DHAH, PLBC Pleasant Camp, PLBC, PNL Peninsula, YKUZ Yakutat, SKAG Skagway, HYT Haines Junctio, HYT, WHY Whitehorse, WHY, WHY Whitehorse, BC3A Beaver Creek A, DLBC Dease Lake, DAWY Dawson, DAWY Dawson, DAWY, EGAK Eagle, EGAK.

ISCJB 20 06:02:29.0.0.4, 4802N-12245W, h57km, mb3.5/km, Error ellipse: s-maj=3.4km s-min=2.8km az=142.9

PNSN 20 06:02:29.9.4801N-12245W, h57km, MD2.6, Fault plane solution: NP1, phi=145.00000, delta=30.00000, NP2, phi=348.00000, delta=62.00000, Principal axes: T P161.00000, Azm70.00000; P P1671.00000, Azm282.00000; Fault plane solution: NP1, phi=320.00000, delta=66.00000, NP2, phi=181.00000, delta=62.00000, Principal axes: T P18.00000, Azm65.00000; P P164.00000, Azm198.00000

NEIC 20 06:02:30.0.4801N-12245W, h57km, MD2.6(SEA), After SEA

ISC 20 06:02:29.8.0.4, 4802N-12246W, h59km, mb3.5/km, n70, c043/95, 35C-33D, Washington

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BEVT Boeing Everett, BLN Blenheim Mountain, FINN Finn Hill Juni, ATEs Arlington Traf, B05A Bryant, B05A, BLH Bald Hill, LEOT Leota Junior H, SCW Sequim, JCW Jim Creek, EARN East Ridge Ele, C04A Brinnon, C04A, C04A, CMW Cultus Mountai, ALCT Alcott Element, HTW Haystack Looko, GNW Green Mountain, GMW Gold Mountain, HDW Hoodspoot, C05A Toll Reservoir, C05A, VGZ Gonzales, B04A Port Angeles, B04A, B04A, MCW Mount Constitu, A04A Legoe Bay, Lum, A04A, RMW Rattlesnake Mo, RPW Rockport, STW Striped Peak, B06A Marblemount, B06A, MEW McNeil Island, GMW Gold Miner, D05A Enumclaw, D05A, PGC Sidney, PGC, SMW South Mountain, GSM Grass Mountain, D04A Dobbs Creek Ra, D04A, GHW Garrison Hill, A05A Maple Falls, A05A, VDB Vedder Mountai, C06A Tall Timber Ra, C06A, C06A, OBC Olympics-Boni, OSR Olympics-Salm, NLWA Neilton Lookou, NLWA Neilton Lookou, NLWA, A06A Chilliwack, A06A, OTR Olympics-Tyee, WISH Wishkah, D03A Wishkah Elem, D03A, D06A Cle Elum, D06A, C03A Quillayute Arr, C03A, E04A Onalaska, E04A, ETW Tangle, E05A Randle, E05A, B07A Winthrop, B07A, BMW Bolint Moun, CBSW Chelan Butte S, C07A Vetalville, C07A, C07A

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include E03A Lebam, E03A, TDL Tradedollar La, WTV Waterville, A07A Ashnola River, F04A Amboy, F03A Seaside, F03A, C08A Higginbotham F, D08A Wollman Farm, D08A, G03A Yamhill, C09A Chrisman Ranch, B09A Rice, H04A Detroit Lake, D10A Wagner Farm, D10A, D10A, D11A Klaviano Farm, E11A Bogner Ranch, D12A Red Ives Fores.

IDC 20 06:20:59.0.1.4, 4484S-3637E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.6/18, mbtimp3.7/3, Error ellipse: s-maj=15.4km s-min=30.7km az=35.0, Prince Edward Islands region

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TORD Torodi Ar. Bea, ASAR Alice Springs, WRA Warramunga Arr, TXAR Lajitas Array, ULM Lac du Bonnet.

ATH 20 06:21:21.9.4017N-2036E, h5km, ML3.1/3, THE 20 06:21:21.9.3927N-2012E, h0km, ML2.9, ISCJB 20 06:21:22.4.0.8, 3927N-2012E, h0km, ML2.9, Error ellipse: s-maj=6.9km s-min=4.8km az=177.9

CSEM 20 06:21:23.0.3.3, 3927N-2023E, h10km, Error ellipse: s-maj=6.6km s-min=4.5km az=84.0

ISC 20 06:21:22.8.0.7, 3928N-2019E, h0km, mb3.5/km, n13, c1923/24, Greece-Albania border region

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IGT Igoumenitsa, IGT, IGT, IGT, KEK Kerkira, JAN Janina, LKD Levkas, LKD, LKD, MET Metsovion, MEV, VLS Valsamata, KFL Anninata, THL Klokotos Trika, THL, THL, THL, AGG Agios Georgios, AGG.

GRAL 20 06:30:56.1.0.3, 3325N-3529E, h0km, mb3.5/km, MD2.9, ISCJB 20 06:30:57.5.0.7, 3340N-3533E, h0km, Error ellipse: s-maj=6.3km s-min=3.8km az=25.5

GII 20 06:30:57.0.0.9, 3338N-3538E, h0km, ML2.2/5, EXPLOSION

ISC 20 06:30:58.0.0.7, 3341N-3534E, h0km, mb3.5/km, n13, c090/18, Jordan - Syria region

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MATL Matirih, KSDI Kefar Szold, KSDI, HNTI Hanita, HNTI, HNTI, HRI, MMA1 Mount Meron ar, RCY Rachaya, RCH, PHL, BHannes, MMLI Mount Malkishu, MMLI, HWqa, HMDT Nahal Hemdat, HMDT, SLTI Sal'it, DSI Dead Sea.

ISCJB 20 06:47:55.1.0.2, 4721N-1458E, h10km, Error ellipse: s-maj=1.9km s-min=1.5km az=137.4

BGR 20 06:47:56.9.0.3, 4717N-1464E, h10km, ML3.1/5, Error ellipse: s-maj=3.3km s-min=3.3km az=51.0

VIE 20 06:47:56.6.0.2, 4714N-1461E, h8km, mb3.2/km, mb2.5/5, ML3.1/4, Error ellipse: s-maj=1.5km s-min=1.1km az=51.0

CSEM 20 06:47:56.9.0.1, 4714N-1457E, h12km, ML3.6/11, Error ellipse: s-maj=1.2km s-min=1.1km az=30.0

NEIC 20 06:47:57.4.0.5, 4712N-1460E, h10km, ML3.0(SZGRF), ML2.7(LJU), Error ellipse: s-maj=5.9km s-min=4.8km az=50.0

IPEC 20 06:47:57.3.0.1, 4713N-1461E, h0km, ML2.4/3, Error ellipse: s-maj=0.8km s-min=0.7km az=108.0

PRU 20 06:47:59.0.4725N-1462E, h0km, Error ellipse: s-maj=56.8-0.2, 4718N-1459E, h10km, n92, c1913/161, 21C-23D, Austria

Table with 6 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SOKA Soboth, SOKA, ARSA Arzberg, ARSA, ARSA, ARSA, BISS Bistriski Arr, PERS Pernice, PERS, PERS, PERS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNKR, KSRV, KBSD, MARD, JHLN, etc.

CSEM 20 08:07:42.4±0.1, 4178N:2018E, h10km, ML2.1, Error ellipse: s-maj=3.6km s-min=1.9km az=39.0

ISCJB 20 08:07:42.8±0.3, 4179N:002.2020E±0.02, h10km, Error ellipse: s-maj=3.7km s-min=2.0km az=33.6

TIR 20 08:07:43.2±2.6, 4181N:2018E, h20km±15km BEO 20 08:07:43.4±0.4, 4182N:2014E, h7km±4km, ML2.1/8 PDG 20 08:07:44.0±1.1, 4181N:2013E, h8km, ML2.5/8, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

SKO 20 08:07:44.6, 4176N:2022E, h9km NEIC 20 08:07:44.0, 4181N:2013E, h8km, ML2.5(PDG), After PDG. ISC 20 08:07:43.8±0.3, 4177N:002.2019E±0.02, h6km±5km, n42, ±0.99/79, 4C-5D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHP, PPH, QSH, PUK, etc.

JMA 20 08:15:19.9, 3472N:13932E, h4km±2km, Near south

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIM2, KTJJ, KTTJ, etc.

NIED 20 08:15:00, 3470N:13940E, h5km, Mw4.3 Best double couple: Ms3.10000:1015 NPI:±0.00000, ±875.00000, ±23.00000, NP2:±0.97.00000, ±868.00000, ±1.64.00000

ISCJB 20 08:15:22.4±0.5, 3473N:004.13932E±0.04, h1km, 3km, mb4.0/8, MS3.5/7, Error ellipse: s-maj=6.8km s-min=4.2km az=30.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIM2, KTJJ, KTTJ, etc.

MJAR Mjarrë 2.01 334 Pn Pg 08 15 54.4 -3.1 08 15 58.0 -3.5 08 15 54.4 -3.1 08 15 58.0 -3.5

JNU Naksute 7.20 259 Pn Pn 08 17 05.3 -3.4

ASAJ Asahikawa 9.70 14 LR LR 08 21 33.9

PETK Petropavlovsk-22 30 LR LR 08 29 06.4

SONR Sontoro Array 27.76 308 LR LR 08 32 46.5

CMAR Chiang Mai Arr 39.29 256 LR LR 08 40 48.1

ZALV Zalesovo Beam 42.25 314 LR LR 08 40 59.7

MKAR Makanchi Array 43.94 304 P P 08 23 29.9 -0.7

ISCJB 20 08:17:27.4±0.5, 3472N:005.13932E±0.05, h8km±4km, mb3.8/8, Error ellipse: s-maj=8.6km s-min=5.6km az=30.7

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

MOS 20 08:58:14.6±0.8, 5497N:11170E, h8km, mb4.3/1, Error ellipse: s-maj=1.7km s-min=22.4km az=97.4

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

YOA Uoyan 1.12 2 ePg Pg 08 58 37.0 -1.3 08 58 52.3

YOA Uoyan 1.12 2 eSg Sg 08 58 52.4 -0.6

NIZ Nizh Angarsk 1.43 303 ePg Pg 08 58 42.0 -2.2 08 59 01.3

NIZ Nizh Angarsk 1.43 303 iPg Pg 08 58 42.0 -2.2 08 58 59.4

SYVR Suvo 1.68 216 ePg Pg 08 58 46.0 -2.9 08 58 52.5

MXMB Maximikha 2.46 225 eSg Sg 08 59 33.6 -2.1

BOD Bodaibo 3.09 24 ePg Pn 08 59 05.2 +0.8

TRG Chita 3.21 159 eSg Sg 08 59 55.6 -4.1

TRG Tyrgan 3.87 236 e Sg Pg 08 59 30.0 -0.8 09 00 14.6 -6.4

UUDU Ulan-Yde 3.96 219 eSg Sg 09 00 19.9 -3.9

ISCJB 20 09:06:33.7±1.3, 114S:004.12717E±0.05, h10km±8km, mb4.8/50, MS3.9/14, Error ellipse: s-maj=7.9km s-min=6.0km az=156.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI Labuha, AAI Ambon, MSAI Masohi, etc.

Table with columns: CD2, XS, SS, SSS, Time, Res. Includes stations like CD2 comp=Z,10.0nm,0.6s,mb4.7, XAN Xi'an, TOO Toolangi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, AML Almayashu, EKS2Y Erkin-Say, etc.

ISCJB 20 09:10:12.6z,0.3,2395N,002-121.78E,002,h25km3,km3, Eriq ellipse: s-maj=3.9km s-min=2.6km az=39.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWA Hwalien, CTIAO Charters Tower, PPI Padang Panjaj, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TWK Hsinying, WTCT Ta-ch'eng, CHN1 Nanshi, etc.

ISCJB 20 09:14:39.6:0.5, 5141N:003:1612E:003, h0km, Error ellipse: s-maj=3.7km s-min=2.3km az=18.6

NEIC 20 09:14:40.2:0.7, 5155N:1617E, h5km, ML2.9(BRG), ML2.7(CLL), Error ellipse: s-maj=10.1km s-min=5.2km az=67.0

IPEC 20 09:14:41.3:0.3, 5151N:1615E, h7km, 1km, ML2.6/3, Error ellipse: s-maj=1.7km s-min=0.7km az=29.0

WAR 20 09:14:41.4, 5153N:1611E, ML2.9, Mining Induced CSEM 20 09:14:41.1, 5151N:1609E, h1km, ML3.7/10, Error ellipse: s-maj=3.1km s-min=1.9km az=31.0

PRU 20 09:14:42.2, 5146N:1607E, h0km, Error ellipse: s-maj=3.5km s-min=3.1km az=110.0 71km WNW of Wroclaw Suspected Mining Induced.

ISC 20 09:14:40.5:0.5, 5150N:002:1609E:003, h0km, n49, a0577/93, 7C-4D, Poland

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSP Ksiaz, BRG Berggiesshubel, RUE Ruedersdorf, etc.

ms1mx3.3/30, Error ellipse: s-maj=28.9km s-min=23.0km az=79.0 NEIC 20 09:48:28.6:2.2, 1368N:14425E, h15km, 12km, mb4.7/22, Error ellipse: s-maj=20.3km s-min=15.9km az=195.0

NEIC Felt on Guam. ISCJB 20 09:48:29.2:2.5, 141N:0.1:1446E:0.1, h5km, 18km, mb4.5/31, MS3.4/3, Error ellipse: s-maj=30.5km s-min=14.0km az=135.6

MOS 20 09:48:30.4:0.9, 1372N:14439E, h33km, mb4.9/9, Error ellipse: s-maj=20.6km s-min=18.8km az=119.9

ISC 20 09:48:30.6:2.9, 141N:0.2:1446E:0.1, h0km, 22km, n260, Ruedersdorf, mb4.6/31, MS3.4/3, 71C-78D, Mariana Islands

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GUMO Guam, JMU Hachijo jima, JOW Kunigami, etc.

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HATC Hat Creek Radi, C08A Higginbotham F, A09A Danville, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H12A Diamond D Ranc, L11A Cat Creek Ranc, R09A Tonopah, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like X14A Yava, Y14A Wickenburg, V15A Kaibab Nationa, etc.

BUL 20 09:49:41.4, 970S, 11820E, h81km, mb5.1, mb5.3, Ms5.3, Ms2.0
MOS 20 09:49:43.9, 1.2, 921S, 11807E, h75km, mb5.5/15, Error ellipse: s-maj=16.6km s-min=7.6km az=111.1

NEIC 20 09:49:46.4, 0.9, 936S, 11799E, h81km, 7km, mb5.2/12, Error ellipse: s-maj=11.6km s-min=6.6km az=65.0

NEIC Felj (III) at Sumbawa Besar and III at Bima.
DJA 20 09:49:48, 958S, 11789E, h89km, mb5.3/6
ISC 20 09:49:45.2, 0.2, 948S, 11802E, 003, h77km

Sumbawa region
Code Station Name A° AZ' Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Resolution. Includes stations like MTNI Mataram, KHKI Kahang, DNP Denpasar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like IPM Lpoh, SJMP San Jose, OTRP Odiongan, etc.

Table with columns: YAK, BJI, GKN, MAJO, MAT, KOLN, DANN, HHC, GTA, CN2, VLA, MDJ, SONM, KLR, WMQ, YSS, ZAK, TLY, KSH, MK31, MKAR, AAK, AML, CLNS, KK31, MAW, KURK, ZAL, NVS, PETK, PET, VDA, YAK. Each row contains station name, coordinates, and various parameters.

Table with columns: YAK, BVAO, BRVK, SYO, TIXI, LSZ, BOS, VRHR, VRSR, VRSR, VRSR, C55, IMA2, ARCES, YKA, GNW, TOR, NVAR, HLID, ELK, ELK, PDAR, ULM, ISCO, AGMN, ECSD, WCHI, CPUP, OXP, BNY, PLAL, VBMS, MCWV, TZN, PAI, CPCT, MVL, CMIG, TKL, TKL, TKL, ELN, GOGA, WEL, WHZ, WAT, RATZ, HATZ, RITZ, KATZ, KARZ, KRZV, WTVZ, TWVZ, OTVZ, NGZ, WPRZ, HIZ, HIZ, TUWZ, FWVZ, DRZ, TRVZ, BKZ, WNVZ, PKVZ, OPRZ, MOVZ, MTVZ, URZ, VRZ, WAZ, RAEZ, WAZ, KAHZ, KNZ, TSZ, NEZ, PKF, WPHZ, PKZ, PUZ, MIZ, INZ, DUVZ, PAWZ, TRVZ, WNZ, SWZ, TCWZ, BHWZ, PLWZ, TUWZ, KNZ, CRWZ, BSWZ, THZ, KHZ. Each row contains station name, coordinates, and various parameters.

Table with columns: LTZ, CRLZ, MOZ, WVZ, RPZ, FBZ, LBZ, ODZ, TUZ, NEIC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station names like Lags Ranch, Canbury Las, McQueen's, Waikaha Valley, Rata Peaks, etc., and a large section for NEIC 20:10:03.0+2.6, 2505N-10940W, h10km, mb3.8/10, Error ellipse: s-maj=53.3km, s-min=18.9km, az=177.0, Gulf of California.

20d 10h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HARSOVA, LEFKA, HEREKE, etc.

2007 JUL

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BDRM Kayabasi, URLA Izmir, BODR Bodrum, etc.

700

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SKO Skopje, SKO Skopje, LIT Litokhor, etc.

BRG	comp=Z,38nm,1.2s,mb5.2	PP	PP	10 17 02.0 -0.1
BRG		S	SS	10 22 00.0 +2.3
BRG		SS	LR	10 25 19.0 -3.0
BRG	comp=Z,4um,14.4s,MSS.5			
BRG	Berggiesshubel 45.90 305	PP	P	10 15 14.9 +0.3
BRG		S	SS	10 17 02.0
BRG		SS	SS	10 22 00.0 +2.3
BRG		SS	SS	10 25 19.0 -3.0
BRG	comp=Z,38nm,1.2s,mb5.2			
BRG		MLR	MLR	
BRG	comp=Z,4um,14.4s,MSS.5			
BRG	Berggiesshubel 45.90 305	eP	P	10 15 14.8 +0.2
BRG	comp=Z,63nm,1.2s,mb5.8			
BRG	Berggiesshubel 45.90 305	PP	P	10 15 14.8 +0.2
BRG		S	SS	10 17 02.0 -0.1
BRG		SS	SS	10 22 00.0 +2.3
BRG		SS	SS	10 25 19.0 -3.0
BRG	comp=N,8um,16.0s			
BRG	comp=E,4um,16.6s			
BRG	comp=Z,6um,14.4s			
KOGS	Kog 45.92 298	PP	P	10 15 14.3 -0.5
KOGS		ePP	PP	10 17 12.5 +1.0
KOGS		eSS	SS	10 25 19.0 +2.3
KONO	Kongsberg 45.98 318	eP	P	10 15 15.3 +0.2
KONO	comp=Z,138nm,1.5s,mb5.7			
KONO	comp=Z,6um,20.0s,MSS.5	LR	LR	
KONO	Kongsberg 45.98 318	eP	P	10 15 14.6 -0.6
KONO	comp=Z,111nm,1.4s,mb5.6	Amb	AMB	10 15 17.7
KONO		ePP	PP	10 17 01.2 -1.6
KONO		eS	SS	10 21 58.0 -0.6
KONO		eSS	SS	10 25 19.0 +2.4
KONO		AMS	AMS	10 35 40.7
KONO	comp=Z,4um,14.7s,MSS.5			
KONO	Kongsberg 45.98 318	eP	P	10 15 14.6 -0.6
LKD	Levkas 45.99 287	eP	P	10 15 13.5 -2.1
ARSA	Arzberg 46.11 300	PP	P	10 15 16.4 +0.1
ARSA	comp=Z,168nm,2.0s,mb5.6,SNR=21			
KEK	Kerkira 46.16 288	eP	P	10 15 15.0 -1.8
KFL	Anninata 46.16 286	eP	P	10 15 14.9 -1.9
STON	Ston 46.30 293	eP	P	10 15 16.6 -1.3
COLM	Colim 46.33 306	PP	P	10 15 17.9 -0.1
COLM	comp=Z,91nm,0.7s,mb5.8			
COLL		iPP	pP	10 15 22.6 -1.7
COLL		ePCs	PCs	10 20 46.0 -1.2
COLL		eS	LR	10 22 09.0 +5.1
COLL	comp=Z,3um,16.9s,MSS.4			
COLL	Colim 46.33 306	PP	P	10 15 17.9 -0.1
COLL		eS	pmax	10 22 09.0 +5.1
COLL	comp=Z,91nm,0.7s,mb5.8			
COLL		MLR	MLR	
COLL	comp=Z,3um,16.9s,MSS.4			
COLL	Colim 46.33 306	eP	P	10 15 17.8 -0.2
COLL	comp=Z,91nm,0.7s,mb5.8			
COLL	Colim 46.33 306	PP	P	10 15 17.9 -0.1
COLL	comp=Z,91nm,0.7s,mb5.8			
COLL		iPP	pP	10 15 22.6 -1.7
COLL		iX	PP	10 15 22.5
COLL		eP	PP	10 17 05.0 -1.6
COLL		ePCs	PCs	10 20 46.0 -1.2
COLL		eS	SS	10 22 09.0 +5.1
COLL		ex	SS	10 22 46.0
COLL		eSS	SS	10 25 22.0 -7.0
COLL		L		10 35 00.0
MOL	comp=Z,2um,20.6s			
MOL	Molde 46.35 322	eP	P	10 15 18.3 +0.3
MOL	comp=Z,73nm,1.4s,mb5.4			
MOL	comp=Z,3um,16.2s,MSS.4	LR	LR	
MOL	Molde 46.35 322	eP	P	10 15 18.3 +0.3
MOL		Amb	AMB	10 15 20.8
MOL	comp=Z,73nm,1.4s,mb5.4			
MOL		AMS	AMS	10 35 36.4
MOL	comp=Z,3um,16.2s,MSS.4			
GROS	Grobnik 46.40 299	PP	P	10 15 18.3 -0.3
PERS	Pernice 46.59 299	PP	P	10 15 20.0 0.0
PERS		eS	SS	10 22 08.0 +0.3
PERS		eSS	SS	10 25 45.0 +1.2
SOKA	Soboth 46.62 299	PP	P	10 15 20.4 +0.1
KHC	Kasperske Hory 46.69 303	PP	P	10 15 21.2 +0.4
KHC		eP	pP	10 15 25.0 -2.2
KHC		ex	x	10 17 33.0
KHC		AMS	AMS	10 35 40.0
MOA	comp=Z,7um,13.1s			
MOA	Molin 46.70 301	iP	P	10 15 21.0 +0.1
MOA	comp=Z,218nm,2.2s,mb5.7,SNR=25			
GECC	GERESS Array S 46.70 302	eP	P	10 15 21.5 +0.5
GECC			pmax	
GECC	comp=Z,147nm,1.9s,mb5.6			
GECC	GERESS Array S 46.70 302	eP	P	10 15 21.5 +0.5
GERES	comp=Z,147nm,1.9s,mb5.6			
GERES	GERESS Array B 46.70 302	eP	P	10 15 21.5 +0.5
GERES	comp=Z,9.0nm,0.6s,mb4.9,baz=65,slow=7.5,SNR=97			
GERES		LR	LR	10 35 58.4
BOJS	Bojanci 46.91 297	eP	P	10 15 22.6 0.0
BOJS		ePP	PP	10 17 13.8 +0.9
BOJS		S	SS	10 22 12.8 +0.4
TANN	Tannenbergshta 46.94 305	eP	P	10 15 23.1 +0.3
TANN	comp=Z,53nm,1.1s,mb5.4			
KDM	Kudat 46.95 130	PP	P	10 15 28.8 +5.5
OBKA	Obir 47.00 299	iP	P	10 15 23.4 +0.1
OBKA	comp=Z,374nm,2.4s,mb5.9,SNR=34			
OBKA	Obir 47.00 299	eP	P	10 15 23.4 +0.1
OBKA	comp=Z,374nm,2.4s,mb5.9			
NKC	Novy Kostel 47.01 304	PP	P	10 15 23.4 +0.1
NKC	comp=Z,8um,14.7s			
NKC		AMS	AMS	10 35 40.0
BSEG	Bad Segeberg 47.09 310	eP	P	10 15 24.7 +0.8
BSEG	comp=Z,62nm,1.1s,mb5.5			
BSEG		ePP	PP	10 17 13.4 -1.1
WET	Wetzell 47.11 303	eP	P	10 15 24.6 +0.5
WET	comp=Z,41nm,1.0s,mb5.3			
WET	Wetzell 47.11 303	eP	P	10 15 24.6 +0.5
WET	comp=Z,41nm,1.0s,mb5.3			
LJU	Ljubljana 47.18 298	PP	P	10 15 24.7 0.0
LJU		eP	PP	10 17 16.7 +1.2
HYA	Hoyanger 47.28 320	eP	P	10 15 26.0 +0.7
HYA	comp=Z,61nm,1.3s,mb5.4			
HYA	Hoyanger 47.28 320	eP	P	10 15 26.0 +0.7
HYA		Amb	AMB	10 15 26.0 +0.7
HYA	comp=Z,61nm,1.3s,mb5.4			
ROTZ	Rotzenmuhle 47.31 304	eP	P	10 15 25.4 -0.3
ROTZ	comp=Z,98nm,1.6s,mb5.5			
KKM	Kota Kinabalu 47.32 131	eP	LR	10 15 29.3 +3.2
KKM	comp=Z,10um,20.0s,MSS.9			
KKM	Kota Kinabalu 47.32 131	PP	P	10 15 29.7 +3.6
CEY	Cerznica 47.36 298	PP	PP	10 15 26.0 -0.1
CEY		ePP	PP	10 17 18.3 +1.2
MOX	Moxa 47.37 305	eP	P	10 15 26.2 +0.1
MOX	comp=Z,129nm,1.6s,mb5.6			
MOX		LR	LR	10 16 51.1
MOX	comp=Z,4um,18.0s			
MOX	Moxa 47.37 305	eP	P	10 15 26.2 +0.1
MOX		e	pmax	10 16 51.1
MOX	comp=Z,129nm,1.6s,mb5.6			
MOX		MLR	MLR	
MOX	comp=Z,4um,18.0s,MSS.4			
MOX	Moxa 47.37 305	eP	P	10 15 26.4 +0.3
MOX	comp=Z,45nm,0.9s,mb5.4			
MOX		ePP	PP	10 17 15.9 -1.2
ODD1	Odda 47.38 318	eP	P	10 15 25.9 -0.2
ODD1	comp=Z,44nm,1.4s,mb5.2			
ODD1	Odda 47.38 318	eP	P	10 15 25.9 -0.2
ODD1		Amb	AMB	10 15 33.5
KNDS	Knezji Dol 47.47 298	PP	P	10 15 27.1 +0.1
SNART	Snartemo 47.51 316	eP	P	10 15 27.3 +0.3
SNART		Amb	AMB	10 15 42.0
SNART	comp=Z,74nm,1.5s,mb5.5			
NVLJ	Novajia 47.52 296	P	P	10 15 26.2 -1.2

MYKA	Terra Mystica 47.53 299	PP	P	10 15 27.1 -0.4
MYKA	comp=Z,1um,2.4s,mb5.5			
KBA	Koelnbreinsper 47.56 300	iP	P	10 15 27.7 +0.1
KBA	comp=Z,209nm,2.2s,mb5.8,SNR=23			
KBA	Koelnbreinsper 47.56 300	iP	P	10 15 27.7 +0.1
KBA		pmax	pmax	
BLS5	Blasio 47.59 318	eP	P	10 15 30.1 +2.3
VOY	Vojsko 47.60 299	eP	P	10 15 27.2 -0.8
VOY		e	pP	10 17 33.5 -0.8
VOY		ePP	PP	10 15 26.5 +1.7
NRDL	Niedersachs Rei 47.66 308	eP	P	10 15 29.1 +0.8
NRDL	comp=Z,79nm,1.0s,mb5.7			
CLZ	Clausthal 47.71 307	eP	P	10 15 29.2 +0.4
CLZ		e	pmax	10 17 19.5
CLZ	comp=Z,86nm,1.7s,mb5.5			
CLZ	Clausthal 47.71 307	eP	P	10 15 29.2 +0.4
CLZ	comp=Z,86nm,1.7s,mb5.5			
RUND	Rundenannend 47.86 319	ePP	PP	10 17 19.5 -0.7
RUND	comp=Z,102nm,1.6s,mb5.6			
RUND	Rundenannend 47.86 319	eP	P	10 15 32.6 +2.8
RUND	comp=Z,102nm,1.6s,mb5.6	Amb	AMB	10 15 36.4
BER	Bergen 47.89 319	eP	P	10 15 30.5 +0.5
BER	comp=Z,102nm,1.6s,mb5.6			
ASK	Askoy 47.93 319	eP	P	10 15 30.4 +0.1
GRA1	Grafenberg Arr 47.94 304	eP	P	10 15 31.4 +0.9
GRA1	comp=Z,104nm,0.8s,mb5.9			
GRA1		ePP	PP	10 17 22.1 -0.2
GRA1		eS	SS	10 22 30.1 +3.3
GRA1		LR	LR	
GRF	Grafenberg Arr 47.94 304	eP	P	10 15 31.4 +0.9
GRF	comp=Z,7um,18.1s,MSS.7			
GRF		eS	S	10 17 22.1
GRF		e	pmax	10 22 30.1 +3.3
GRF	comp=Z,104nm,0.8s,mb5.9			
GRF		MLR	MLR	
GRF	comp=Z,7um,18.1s,MSS.7			
GRF	Grafenberg Arr 47.94 304	eP	P	10 15 31.4 +0.9
GRF	comp=Z,104nm,0.8s,mb5.9			
GRF		ePP	SS	10 17 22.1 -0.2
GRF		eS	SS	10 22 30.1 +3.3
GRF		eL		10 36 26.9
GRFO	comp=Z,7um,18.1s			
GRFO	Grafenberg Arr 47.94 304	eP	P	10 15 31.4 +0.9
GRFO	comp=Z,61nm,0.7s,mb5.7			
GRFO		LR	LR	
GRFO	comp=Z,7um,20.0s,MSS.6			
GRFO	Grafenberg Arr 47.94 304	eP	P	10 15 31.4 +0.8
GRFO		pmax	pmax	
GRFO	comp=Z,61nm,0.7s,mb5.7			
GRFO		MLR	MLR	
BTM	comp=Z,7um,20.0s,MSS.6			
SDKM	Sandakan 48.20 137	PP	P	10 15 35.1 +3.3
SDKM		P	P	10 15 38.3 +5.4
ABTA	Abfaltersbach 48.21 300	PP	P	10 15 31.7 -1.0
ABTA	comp=Z,134nm,2.6s,mb5.5,SNR=9.0			
KSM	Kuching 48.22 141	eP	P	10 15 33.5 +0.4
KSM		eP	P	10 15 35.6 +2.5
KMY	Konoy 48.25 318	eP	P	10 15 32.7 -0.1
SBMU	Sibu 48.28 138	PP	P	10 15 35.9 +2.3
UBBA	Untereibzbach 48.28 306	eP	P	10 15 32.6 -0.6
UBBA	comp=Z,133nm,1.8s,mb5.7			
FUR	Furstenfeldbru 48.45 302	eP	P	10 15 35.5 +0.9
FUR	comp=Z,114nm,1.0s,mb5.9			
FUR	Furstenfeldbru 48.45 302	eP	P	10 15 35.5 +0.9
FUR	comp=Z,114nm,1.0s,mb5.9			
TIP	Tippaigrande 48.51 289	eP	P	10 15 35.1 0.0
WTTA	Wattenberg 48.57 301	iP	P	10 15 35.7 +0.2
WTTA	comp=Z,507nm,2.0s,mb6.2,SNR=26			
WTTA	Wattenberg 48.57 301	iP	pP	10 15 35.7 +0.2
WTTA	comp=Z,507nm,2.0s,mb6.2,SNR=26			
WTTA	Wattenberg 48.57 301	iP	pmax	10 15 35.7 +0.3
WTTA		pmax	pmax	
WTTA	comp=Z,507nm,2.0s,mb6.2			
WATA	Walderalm 48.58 301	iP	P	10 15 35.7 +0.1
WATA	comp=Z,152nm,1.4s,mb5.8,SNR=19			
WATA	Walderalm 48.58 301	iP	pmax	10 15 35.7 +0.2
WATA		pmax	pmax	
CUC	comp=Z,152nm,1.4s,mb5.8			
CUC	Castrocuco 48.60 290	eP	P	10 15 37.2 -0.1
CUC	comp=Z,166nm,0.7s,mb5.2			
CUC		LR	LR	
BILL	Bilibino 48.85 30	eP	P	10 15 36.6 -0.7
BILL	comp=Z,16nm,0.4s,mb5.4			
BILL	comp=Z,2um,20.0s,MSS.2			
BILL	Bilibino 48.85 30	LR	LR	10 15 36.8 -0.5
BILL		pmax	pmax	
BILL	comp=Z,46nm,1.8s,mb5.2			
BILL		MLR	MLR	
SQTA	Sankt Quirin 48.85 301	PP	P	10 15 37.7 +0.1
SQTA	SNR=23			
MOTA	Moosalm 48.87 301	PP	P	10 15 37.8 0.0
MOTA	comp=Z,190nm,1.6s,mb5.9,SNR=38			
MOTA	Moosalm 48.87 301	PP	pmax	10 15 37.8 0.0
MOTA		pmax	pmax	
RETA	Reutte 49.03 302	iP	P	10 15 39.2 +0.2
RETA	comp=Z,467nm,2.4s,mb6.1,SNR=20			
RETA				

LOR	comp=Z,4um,17.8s.M55.5	LR	LR		
LOR	Lornes 53.39 304	iP	P	max	10 16 10.7 -1.0
LOR	comp=Z,23nm,0.6s,mb5.3		MLR	MLR	
LMR	comp=Z,4um,17.8s.M55.5				
LMR	La Moure 53.51 298	eP	P		10 16 12.0 -0.6
LMR	comp=Z,69nm,1.1s,mb5.3				
LMR	La Moure 53.51 298	eP	P		10 16 12.0 -0.6
LMR	comp=Z,44nm,1.1s,mb5.3			max	10 16 12.0 -0.6
XAL	Allendale 53.59 314	iP	P		10 16 12.4 -0.7
MDO	Dochfour 53.51 318	iP	P		10 16 12.8 -0.4
EDI	Edinburgh 53.65 316	eP	P		10 16 12.7 -0.8
EDI	comp=Z,70nm,1.9s,mb5.3		Amb	AMB	10 16 18.7
HPK	Haverah Park 53.66 313	iP	P		10 16 13.0 -0.6
HPK	comp=Z,31nm,0.7s,mb5.1		Amb	AMB	10 16 21.9
SMF	Signal de Mont 53.68 303	iP	P		10 16 13.1 -0.8
SMF	comp=Z,29nm,0.9s,mb5.5				
SMF	Signal de Mont 53.68 303	iP	P		10 16 13.1 -0.8
SMF	comp=Z,58nm,0.9s,mb5.5			max	10 16 13.1 -0.8
SMF	Signal de Mont 53.68 303	iP	P		10 16 13.1 -0.8
SMF	comp=Z,58nm,0.9s,mb5.5			max	10 16 13.1 -0.8
SSF	Saint Saulge 53.70 304	iP	P		10 16 13.3 -0.7
SSF	comp=Z,31nm,0.7s,mb5.1				
SSF	Saint Saulge 53.70 304	iP	P		10 16 13.3 -0.7
SSF	comp=Z,69nm,0.7s,mb5.0				
SSF	Saint Saulge 53.70 304	iP	P		10 16 13.3 -0.7
SSF	comp=Z,16nm,0.7s,mb5.1			max	10 16 13.3 -0.7
OCG	Saint Nazaire 53.71 300	iP	P		10 16 14.5 +0.4
OC2F	St-Nazaire 53.71 300	iP	P		10 16 14.5 +0.4
SMRF	Simiane La Rot 53.81 299	iP	P		10 16 14.6 -0.2
SMRF	comp=Z,41nm,0.9s,mb5.0				
SMRF	Simiane La Rot 53.81 299	iP	P		10 16 14.6 -0.2
SSB	comp=Z,41nm,0.9s,mb5.0				
SSB	Saint Sauveur 53.87 301	eP	P		10 16 14.7 -0.5
SSB	Saint Sauveur 53.87 301	eP	P		10 16 14.5 -0.7
AVF	Avril sur Loir 53.92 303	iP	P		10 16 14.9 -0.7
AVF	comp=Z,120nm,0.9s,mb5.5				
AVF	Avril sur Loir 53.92 303	iP	P		10 16 14.9 -0.7
AVF	comp=Z,69nm,0.9s,mb5.0			max	10 16 14.9 -0.7
AVF	Avril sur Loir 53.92 303	iP	P		10 16 14.9 -0.7
AVF	comp=Z,60nm,0.9s,mb5.5			max	10 16 14.9 -0.5
ESK	comp=Z,84nm,1.8s,mb5.4		Amb	AMB	10 16 17.4
ESK	Eskdalemuir 53.92 315	eP	P		10 16 14.7 -0.7
ESK	Eskdalemuir 53.92 315	eP	P		10 16 14.7 -0.7
ESK	comp=Z,24nm,0.8s,mb5.2			max	10 16 14.7 -0.7
ESK	Eskdalemuir 53.92 315	eP	P		10 16 14.7 -0.7
ESK	comp=Z,69nm,19.0s.M55.6		LR	LR	
ECK	Cauldhill Hill 53.93 315	iP	P		10 16 14.6 -1.0
VIVF	Saint-Julien 53.98 301	iP	P		10 16 15.7 -0.3
VIVF	Saint-Julien 53.98 301	iP	P		10 16 15.7 -0.3
VIVF	comp=Z,33nm,0.7s,mb5.4			max	10 16 15.7 -0.3
VIVF	Saint-Julien 53.98 301	iP	P		10 16 15.7 -0.3
CWF	Charwood Fore 54.01 312	eP	P		10 16 15.2 -0.9
CWF	comp=Z,40nm,2.2s,mb5.0		Amb	AMB	10 16 17.2
KAC	Achnashellach 54.05 318	iP	P		10 16 16.0 -0.4
PLDF	La Plante 54.12 302	eP	P		10 16 16.7 -0.4
KWE	Weaver Farm 54.23 312	iP	P		10 16 16.9 -0.5
KSB	Sheil Bridge 54.23 318	iP	P		10 16 17.1 -0.6
KPL	Plocton 54.29 318	iP	P		10 16 17.4 -0.8
KPL	comp=Z,26nm,1.6s,mb4.9		Amb	AMB	10 16 19.3
BGF	Bois d'Angland 54.33 303	iP	P		10 16 17.9 -0.7
BGF	comp=Z,39nm,0.7s,mb5.1				
BGF	Bois d'Angland 54.33 303	iP	P		10 16 17.9 -0.7
BGF	comp=Z,19nm,0.7s,mb5.1				
BGF	Bois d'Angland 54.33 303	iP	P		10 16 17.9 -0.7
BGF	comp=Z,19nm,0.7s,mb5.1			max	10 16 17.9 -0.7
PGBU	Glenifferbraes 54.36 316	iP	P		10 16 18.4 -0.2
PGBU	comp=Z,93nm,1.8s,mb5.4		Amb	AMB	10 16 20.8
AGO	Saint Agoulin 54.39 303	eP	P		10 16 18.8 -0.2
GCD	Castle Douglas 54.49 315	iP	P		10 16 19.4 -0.2
KAR	Arisaig 54.56 318	iP	P		10 16 19.6 -0.4
PYM	Petit Puy Mans 54.60 302	eP	P		10 16 20.4 -0.2
LBL	Lublihaig 54.70 302	iP	P		10 16 21.3 0.0
TCF	Toux Ste Croi 54.85 303	iP	P		10 16 22.1 -0.3
TCF	comp=Z,69nm,0.6s,mb5.5				
TCF	Toux Ste Croi 54.85 303	iP	P		10 16 22.1 -0.3
TCF	comp=Z,35nm,0.6s,mb5.6			max	10 16 22.1 -0.3
TCF	Toux Ste Croi 54.85 303	iP	P		10 16 22.1 -0.3
LASF	Ste Croix 54.86 300	iP	P		10 16 22.4 -0.1
GAL1	Galloway 54.89 315	iP	P		10 16 22.2 -0.3
GAL1	comp=Z,63nm,1.4s,mb5.5		Amb	AMB	10 16 28.9
HLM1	Long Mynd 54.97 312	iP	P		10 16 22.6 -0.5
SBDI	Bryn Du 55.00 312	eP	P		10 16 22.7 -0.6
LDF	La Druitiere 55.18 307	iP	P		10 16 24.1 -0.6
LDF	comp=Z,64nm,0.6s,mb5.5				
LDF	La Druitiere 55.18 307	iP	P		10 16 24.1 -0.6
LDF	comp=Z,32nm,0.6s,mb5.5			max	10 16 24.1 -0.6
MCH1	Michaelchurch 55.27 311	iP	P		10 16 24.6 -0.7
MCH1	comp=Z,124nm,2.0s,mb5.6		Amb	AMB	10 16 27.2
FLN	La Foliniere 55.32 307	iP	P		10 16 25.0 -0.7
FLN	comp=Z,73nm,0.5s,mb5.6				
FLN	La Foliniere 55.32 307	iP	P		10 16 25.0 -0.7
FLN	comp=Z,53nm,23.0s.M55.2			max	10 16 25.0 -0.7
FLN	La Foliniere 55.32 307	iP	P		10 16 25.0 -0.7
FLN	comp=Z,37nm,0.5s,mb5.7			max	10 16 25.0 -0.7
FLN	La Foliniere 55.32 307	iP	P		10 16 25.0 -0.7
FLN	comp=Z,53nm,23.0s.M55.5			max	10 16 25.0 -0.7
HGH	Gray Hill 55.32 311	iP	P		10 16 24.7 -1.0
KEST	Kesra 55.33 289	P	P		10 16 25.8 -0.2
KEST	comp=Z,5.5nm,0.7s,mb4.7,baz=330,slow=2.6,SNR=37				10 42 41.4
HTR	Trewher Hill 55.38 312	iP	P		10 16 25.6 -0.5
CAF	Calviac 55.58 302	iP	P		10 16 27.0 0.0
CAF	comp=Z,31nm,0.9s,mb5.0				
CAF	Calviac 55.58 302	iP	P		10 16 27.0 0.0
CAF	comp=Z,16nm,0.9s,mb5.0			max	10 16 27.0 0.0
CAF	Calviac 55.58 302	iP	P		10 16 27.0 0.0
GRR	Gorron 55.71 307	iP	P		10 16 27.9 -0.7
GRR	comp=Z,38nm,0.6s,mb5.7				
GRR	Gorron 55.71 307	iP	P		10 16 27.9 -0.7
GRR	comp=Z,49nm,0.6s,mb5.7			max	10 16 27.9 -0.7
GRR	Gorron 55.71 307	iP	P		10 16 27.9 -0.7
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,96nm,0.8s,mb5.6			max	10 16 28.9 +0.1
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,2um,18.2s.M55.0		eMLR	MLR	
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,48nm,0.8s,mb5.6			LR	
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,48nm,0.8s,mb5.6			max	10 16 28.9 +0.1
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,48nm,0.8s,mb5.6			max	10 16 28.9 +0.1
RJF	Les Rejaudoux 55.74 303	iP	P		10 16 28.9 +0.1
RJF	comp=Z,2um,18.3s.M55.3			LR	

GMM	Mts of Mourne 55.82 315	iP	P		10 16 28.8 -0.4
MFF	Saint Martin d 56.13 305	iP	P		10 16 30.8 -0.8
MFF	comp=Z,39nm,0.9s,mb5.2				
MFF	Saint Martin d 56.13 305	iP	P		10 16 30.8 -0.8
MFF	comp=Z,39nm,0.9s,mb5.1				
MFF	Saint Martin d 56.13 305	iP	P		10 16 30.8 -0.8
MFF	comp=Z,19nm,0.9s,mb5.1			max	10 16 30.8 -0.8
HEX	Exmoor 56.14 311	eP	P		10 16 30.8 -0.8
CMHJ	Djebel Manchow 56.20 291	P	P		10 16 31.0 -1.2
LRDF	Larouque-de-Fa 56.25 300	iP	P		10 16 32.3 -0.2
SJAF	Saint Jean de 56.25 299	iP	P		10 16 31.7 -0.8
MTLF	Montolioeu 56.25 300	eP	P		10 16 32.2 -0.3
MTLF	comp=Z,65nm,1.1s,mb5.3				
MTLF	Montolioeu 56.25 300	eP	P		10 16 32.2 -0.3
MTLF	comp=Z,32nm,1.1s,mb5.3				
MTLF	Montolioeu 56.25 300	eP	P		10 16 32.2 -0.3
MTLF	comp=Z,32nm,1.1s,mb5.3			max	10 16 32.2 -0.3
EJON	La Jonquera 56.27 299	P	P		10 16 31.9 -0.7
EJON	comp=Z,81nm,1.3s,mb5.6				
ABSA	Djebel Ababasia 56.34 290	P	P		10 16 32.0 -1.3
LFF	La Frestale 56.40 302	iP	P		10 16 33.0 +0.3
LFF	comp=Z,81nm,0.6s,mb5.6				
LFF	La Frestale 56.40 302	iP	P		10 16 33.0 +0.3
LFF	comp=Z,40nm,0.6s,mb5.6				
LFF	La Frestale 56.40 302	iP	P		10 16 33.0 +0.3
LFF	comp=Z,40nm,0.6s,mb5.6			max	10 16 33.0 +0.3
CAEH	'Ain El Ouahch 56.51 291	P	P		10 16 32.5 -1.9
HTL	Hartland 56.55 311	eP	P		10 16 33.9 -0.7
HTL	comp=Z,75nm,1.7s,mb5.5		Amb	AMB	10 16 35.6
CARF	comp=Z,75nm,1.7s,mb5.5				
SGMF	Saint Gilles 56.77 307	iP	P		10 16 34.9 -0.3
SGMF	comp=Z,71nm,0.6s,mb5.6				
SGMF	Saint Gilles 56.77 307	iP	P		10 16 35.7 -0.4
SGMF	comp=Z,36nm,0.6s,mb5.6				
SGMF	Saint Gilles 56.77 307	iP	P		10 16 35.7 -0.4
SGMF	comp=Z,35nm,0.6s,mb5.6			max	10 16 35.7 -0.4
CKFL	Kef-Lekhal 56.80 291	P	P		10 16 35.0 -1.5
VALF	Valeboillere 56.85 299	iP	P		10 16 36.8 0.0
CASN	Cain Sarrasin 57.03 291	P	P		10 16 36.0 -2.1
ROSF	Rostrenen 57.15 308	iP	P		10 16 38.6 -0.2
ROSF	comp=Z,85nm,0.6s,mb5.7				
ROSF	Rostrenen 57.15 308	iP	P		10 16 38.6 -0.2
ROSF	comp=Z,43nm,0.6s,mb5.7				
ROSF	Rostrenen 57.15 308	iP	P		10 16 38.6 -0.2
ROSF	comp=Z,43nm,0.6s,mb5.7			max	10 16 38.6 -0.2
MLS	Moulis 57.16 300	iP	P		10 16 38.3 -0.6
QUIF	Quistinic 57.29 307	iP	P		10 16 39.3 -0.5
QUIF	comp=Z,88nm,0.6s,mb5.7				
QUIF	Quistinic 57.29 307	iP	P		10 16 39.3 -0.5
QUIF	comp=Z,44nm,0.6s,mb5.7				
QUIF	Quistinic 57.29 307	iP	P		10 16 39.3 -0.5
QUIF	comp=Z,44nm,0.6s,mb5.7			max	10 16 39.3 -0.5
DFRA	Djebel Bou Aff 57.30 291	P	P		10 16 39.9 -1.0
EMIR	Miracle 57.41 299	P	P		10 16 40.9 +0.1
EMIR	comp=Z,22nm,0.6s,mb5.4				
BORG	Borgarnes 57.44 330	PFAKE	LR		10 16 50.0 +9.4
BORG	comp=Z,1um,20.0s.M55.0				
EPF	Esparras 57.60 301	iP	P		10 16 41.0 -1.0
EPF	comp=Z,29nm,0.7s,mb5.5				
EPF	Esparras 57.60 301	iP	P		10 16 41.0 -1.0
EPF	comp=Z,15nm,0.7s,mb5.5				
EPF	Esparras 57.60 301	iP	P		10 16 41.0 -1.0
EPF	comp=Z,15nm,0.7s,mb5.5			max	10 16 41.0 -1.0
ETOS	Mallorca 57.67 296	P	P		10 16 42.5 -0.1
ETOS	comp=Z,310nm,1.8s,mb6.0				
RESF	Ens 57.71 300	eP	P		10 16 43.2 +0.3
SUM	Summit 57.76 342	eP	P		10 16 43.3 +0.5
SUM	comp=Z,39nm,0.7s,mb5.7				
CMER	Merouana 57.77 291	P	P		10 16 46.0 +2.6
SET	Setif 57.81 291	P	P		10 16 42.0 -1.6
CKHR	Kef el Ahmar 57.83 291	P	P		10 16 40.0 -3.8
VIEF	Vief 57.87 301	eP	P		10 16 44.2 +0.2
EBIE	Bleisa 57.90 300	P	P		10 16 44.2 +0.1
EBIE	comp=Z,249nm,2.5s,mb5.9				
EPOB	Poblet 57.98 299	P	P		10 16 44.4 -0.3
EPOB	comp=Z,238nm,2.0s,mb5.9				
ETSF	Etsaut 58.23 301				

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMR Palmer, R0C1 Rabbit Creek A, BMRM Bremner River, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, A05A Maple Falls, B07A Winthrop, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AGMN Agassiz Refuge, H0B0 Mount Hebo, D14A Greenough, etc.

20d 10h

I09A	baz=91, SNR=23	91.64	14	↑P	P	10 19 59.0	-0.3
H13A	baz=91, SNR=9.3	91.65	12	↓P	P	10 19 58.8	-0.5
I10A	baz=91, SNR=9.3	91.70	14	↑P	P	10 19 59.0	-0.5
RLMT	baz=91	91.74	8	eP	P	10 19 59.6	-0.1
RLMT	comp=Z, 45nm, 1.4s, mb5.6				LR		
QLMT	comp=Z, 1.1m, 21.0s, MS5.4	91.78	10	eP	P	10 20 00.6	+0.7
HRV	ADAM Dzewonski	91.80	341		PFAKE LR	10 20 10.0	+1.0
WES	comp=Z, 2.1m, 19.0s, MS5.6	91.85	341		PFAKE LR	10 20 10.0	+1.0
HUMO	comp=Z, 1.1m, 22.0s, MS5.2	91.87	18	eP	P	10 20 01.1	+0.8
HUMO	comp=Z, 2.7nm, 1.1s, mb5.5				LR		
HUMO	comp=Z, 970nm, 20.0s, MS5.2	91.87	18	↑P	P	10 20 01.2	+0.9
J06A	baz=92, SNR=16	91.87	16	↑P	P	10 20 00.6	+0.2
GLMI	Christmas Vall	91.87	16	↑P	P	10 20 10.0	+1.0
GLMI	baz=92, SNR=23	91.88	351		PFAKE LR	10 20 10.0	+1.0
J07A	comp=Z, 2.1m, 20.0s, MS5.6	91.92	16	↑P	P	10 20 01.3	+0.7
YMR	Madison River	91.99	9		PFAKE LR	10 20 10.0	+9.1
I11A	comp=Z, 2.1m, 22.0s, MS5.5	92.01	13	P	P	10 20 00.9	-0.1
STKA	Placerville	92.10	133	eP	P	10 20 00.6	-0.7
STKA	Stevens Creek	92.10	133	eP	P	10 20 00.7	-0.6
STKA	comp=Z, 3.2nm, 0.7s, mb4.8, baz=330, slow=10.0, SNR=6.3				LR	11 08 11.8	
J08A	comp=Z, 556nm, 19.3s, MS5.0, baz=305, slow=40	92.10	15	↑P	P	10 20 01.1	-0.3
K04A	Circle Bar Ranch	92.14	18	↑P	P	10 20 02.0	+0.4
LKWY	Chilguin	92.16	9	eP	P	10 20 03.1	+1.4
LKWY	Lake	92.16	9	eP	P	10 20 03.1	+1.4
LKWY	comp=Z, 2.2m, 20.0s, MS5.5	92.16	9	eP	P	10 20 03.1	+1.4
LKWY	comp=Z, 2.0nm, 0.8s, mb5.5				MLR	MLR	
K05A	comp=Z, 2.1m, 20.0s, MS5.5	92.22	17	P	P	10 20 03.2	+1.2
YFT	Summer Lake	92.22	17	P	P	10 20 03.2	+1.2
J09A	baz=92, SNR=17	92.22	17	P	P	10 20 03.2	+1.2
K06A	Old Faithful	92.22	9	eP	P	10 20 03.5	+1.6
K06A	Fry Pan Ranch	92.25	15	↑P	P	10 20 03.2	+0.9
I13A	baz=92, SNR=19	92.28	16	P	P	10 20 03.2	+0.9
M01C	Valley Falls	92.30	12	↑P	P	10 20 01.8	-0.5
J10A	Wildhorse Cree	92.30	12	↑P	P	10 20 01.9	-0.5
M01C	baz=92, SNR=7.6	92.31	19	↑P	P	10 20 01.9	-0.5
J11A	Crescent City	92.35	14	↑P	P	10 20 02.5	0.0
M01C	baz=92	92.35	14	↑P	P	10 20 02.5	0.0
M01C	Berg Farm, Mel	92.35	14	↑P	P	10 20 02.5	0.0
M01C	Camas Ranch	92.52	13	P	P	10 20 03.6	+0.3
L04A	baz=92, SNR=11	92.52	18	↑P	P	10 20 03.8	+0.4
K07A	Klamath Falls	92.59	16	P	P	10 20 04.3	+0.6
FLWY	Rock Creek Ranch	92.60	9	eP	P	10 20 04.7	+1.0
HLID	Flagg Ranch	92.60	12	eP	P	10 20 03.6	-0.1
HLID	comp=Z, 1.16nm, 0.6s, mb5.6	92.60	12	eP	P	10 20 03.6	-0.1
HLID	Hailey	92.60	12	↑P	P	10 20 03.4	-0.3
KRMB	comp=Z, 1.1nm, 1.3s, mb5.5	92.60	12	↑P	P	10 20 03.4	-0.3
K08A	Red Mountain	92.67	19	eP	P	10 20 05.6	+1.5
K08A	Mann Creek Ranch	92.70	15	↑P	P	10 20 03.9	-0.3
IMW	Indian Meadow	92.76	10	eP	P	10 20 05.3	+0.8
YBH	comp=Z, 1.6nm, 0.8s, mb5.5	92.76	19	↑P	PFAKE LR	10 20 20.0	+1.6
YBH	Yreka Blue Hor	92.76	19	↑P	P	10 20 04.6	+0.1
J12A	comp=Z, 842nm, 20.0s, MS5.2	92.80	13	↑P	P	10 20 05.0	+0.3
J13A	Stokes Ranch	92.80	12	↑P	P	10 20 05.0	+0.3
J13A	Cove Ranch, Pi	92.80	12	↑P	P	10 20 05.0	+0.3
K09A	baz=92, SNR=12	92.88	15	P	P	10 20 05.2	+0.2
L05A	Rome	92.88	17	↑P	P	10 20 05.3	+0.2
M04C	Lakeview	92.91	18	↑P	P	10 20 05.4	+0.2
M04C	Macdoel	92.91	18	↑P	P	10 20 05.4	+0.2
M00W	comp=Z, 1.7nm, 1.3s, mb5.3	92.93	9	eP	P	10 20 05.7	+0.5
K10A	Moose Ponds	92.96	14	↑P	P	10 20 05.8	+0.4
WVOR	MacKenzie Ranch	92.96	15	eP	P	10 20 05.6	+0.2
WVOR	Wild Horse Val	92.96	15	eP	P	10 20 05.6	+0.2
WVOR	Wild Horse Val	92.96	15	eP	P	10 20 05.6	+0.2
D01D	comp=Z, 1.7nm, 0.9s, mb5.5	93.02	10	eP	P	10 20 06.3	+0.6
M02C	Drake Creek	93.05	19	↑P	P	10 20 06.4	+0.6
B1NY	Callahan	93.05	19	↑P	P	10 20 06.1	-3.8
B1NY	Binghamton	93.06	344	eP	P	10 20 06.1	-3.8
LOHW	comp=Z, 1.5nm, 0.8s, mb5.5	93.08	9	eP	P	10 20 05.9	0.0
K11A	Long Hollow	93.11	13	↑P	P	10 20 06.0	-0.1
M0D	Parker Ranch	93.13	17	↑P	P	10 20 06.5	+0.3
MOD	Modoc	93.13	17	↑P	P	10 20 06.5	+0.3
MOD	comp=Z, 4.7nm, 1.2s, mb5.8	93.13	17	↑P	P	10 20 06.5	+0.3
TPAW	comp=Z, 849nm, 20.0s, MS5.2	93.13	17	↑P	P	10 20 05.4	-0.8
RSSD	Modoc	93.16	5	eP	P	10 20 06.6	-0.3
RSSD	Teton Pass	93.16	5	eP	P	10 20 06.6	-0.3
RSSD	comp=Z, 1.7nm, 1.4s, mb5.6	93.16	5	eP	P	10 20 06.0	-0.3
RSSD	Black Hills	93.16	5	eP	P	10 20 06.0	-0.3
RSSD	Black Hills	93.16	5	eP	P	10 20 06.0	-0.3
SNOW	comp=Z, 1.5nm, 0.6s, mb5.6	93.21	10	↑P	P	10 20 08.1	+1.6
L07A	comp=Z, 7.2nm, 0.7s, mb5.2	93.22	16	↑P	P	10 20 07.3	+0.7
L08A	Adell	93.25	15	P	P	10 20 07.5	+0.8
REDW	Fields	93.25	15	P	P	10 20 07.5	+0.8
JCC	baz=93, SNR=16	93.29	10	↑P	P	10 20 06.8	-0.1
M03C	Red Top Meadow	93.29	10	↑P	P	10 20 07.8	+0.7
K12A	Jacoby Creek	93.31	20	↑P	P	10 20 07.2	+0.1
M05C	McClood	93.33	18	↑P	P	10 20 07.5	-0.1
M05C	Draper Farm, C	93.43	13	↑P	P	10 20 07.8	+0.1
N02C	Lookout	93.47	18	↑P	P	10 20 08.3	+0.5
N02C	Big Bar	93.48	19	↑P	P	10 20 08.5	+0.4
L09A	Stover Farm, H	93.55	12	↑P	P	10 20 09.2	+0.4
L10A	Wilkinson Ranc	93.55	15	↑P	P	10 20 09.6	+0.7
ECSD	Juniper Basin	93.71	14	P	P	10 20 09.6	+0.7
ECSD	EROS, Sioux Fal	93.73	359	eP	P	10 20 08.2	-0.7
ECSD	comp=Z, 2.0nm, 0.8s, mb5.6	93.73	359	eP	P	10 20 08.2	-0.7
L11A	comp=Z, 1.1m, 20.0s, MS5.4	93.75	13	↑P	P	10 20 09.5	+0.5
M06C	Cat Creek Ranc	93.76	17	↑P	P	10 20 09.3	+0.2
K14A	Likely Place G	93.78	11	↑P	P	10 20 09.6	+0.4
AHID	Jones Ranch, D	93.78	11	↑P	P	10 20 09.6	+0.4
AHID	Auburn Hatcher	93.85	10	PFAKE		10 20 20.0	+1.1

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AHID	comp=Z, 1.1m, 20.0s, MS5.4	93.88	347		LR	10 20 20.0	+1.0
ERPA	Erie	93.88	347		PFAKE LR	10 20 20.0	+1.0
WDC	comp=Z, 2.1m, 20.0s, MS5.5	93.89	19	↑P	P	10 20 09.3	-0.4
WDC	Whiskeytown Da	93.89	19	↑P	P	10 20 09.3	-0.4
WDC	comp=Z, 1.1nm, 0.9s, mb5.3	93.89	19	↑P	P	10 20 09.3	-0.4
WDC	Whiskeytown Da	93.89	19	↑P	P	10 20 09.7	0.0
WDC	comp=Z, 770nm, 20.0s, MS5.2	93.89	19	↑P	P	10 20 09.7	0.0
HATC	baz=94	93.92	18	↑P	P	10 20 10.0	+0.2
M08A	Hat Creek Radi	93.92	18	↑P	P	10 20 10.0	+0.2
BW06	Happy Creek Ra	93.96	15	↑P	P	10 20 20.0	+1.0
BW06	Boulder Array	93.96	9		PFAKE LR	10 20 20.0	+1.0
PDAR	comp=Z, 1.1m, 20.0s, MS5.4	94.03	9	P	P	10 20 10.0	-0.3
PDAR	Pinedale Array	94.03	9	P	P	10 20 10.0	-0.3
PDAR	comp=Z, 2.7nm, 0.7s, mb4.8, baz=38, slow=3.2, SNR=25				PKKpbc	10 37 11.2	-0.1
PDAR	comp=Z, 0.3nm, 0.5s, baz=138, slow=4.4, SNR=4.7				PKKpbc	11 07 15.1	
L13A	Double Diamond	94.12	12	P	P	10 20 11.8	+1.0
M09A	Marrel Ranch,	94.16	15	↑P	P	10 20 11.4	+0.4
O02C	Red Bluff	94.22	19	↑P	P	10 20 11.8	+0.6
M10A	IL, Ranch, Tu	94.23	14	↑P	P	10 20 11.6	+0.3
ELFS	Iron Peak	94.27	17	↑P	P	10 20 11.4	-0.1
JFWS	Eagle Lake Fie	94.27	17	↑P	P	10 20 10.7	-0.9
JFWS	Jewell Farm	94.30	355	eP	P	10 20 10.7	-0.9
JFWS	comp=Z, 4.1nm, 0.8s, mb5.9	94.30	355	eP	P	10 20 10.7	-0.9
JFWS	Jewell Farm	94.30	355	eP	P	10 20 10.7	-0.9
JFWS	comp=Z, 2.1m, 19.0s, MS5.6	94.30	355	eP	P	10 20 10.7	-0.9
N06A	Buffalo Meadow	94.34	17	↑P	P	10 20 12.1	+0.3
K1PM	Iron Peak	94.39	20	eP	P	10 20 14.2	+2.1
M11A	Holland Ranch,	94.45	14	↑P	P	10 20 12.7	+0.4
O04C	Chester	94.47	18	↑P	P	10 20 12.5	+0.1
K0CP	Cahto Peak	94.49	20	eP	P	10 20 14.7	+2.2
N07B	Gerlach	94.49	16	↑P	P	10 20 12.7	+0.3
L16A	Fish Haven	94.55	10	↑P	P	10 20 12.6	-0.1
O03C	Acorn Hollow,	94.56	19	↑P	P	10 20 13.0	+0.2
HVU	Hansel Valley	94.59	11	eP	P	10 20 13.2	+0.3
HVU	Hansel Valley	94.59	11	eP	P	10 20 13.2	+0.3
HVU	comp=Z, 8.7nm, 0.8s, mb5.2	94.59	11	eP	P	10 20 13.2	+0.3
M12A	Wells	94.62	13	↑P	P	10 20 13.1	0.0
N09A	Rock Creek Ranch	94.70	15	↑P	P	10 20 13.7	+0.3
GASB	Alder Springs	94.73	19	↑P	P	10 20 14.3	+0.7
P01C	Double 8 Ranch	94.75	20	↑P	P	10 20 13.8	+0.1
M14A	Sheep Mountain	94.78	12	↑P	P	10 20 13.9	+0.1
M13A	Montello	94.79	12	↑P	P	10 20 14.1	+0.3

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Cliffs of the Goldstone, Rough Rock, Kaibab National, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Kurk Kurchatov, LVC, etc.

Main table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like MK09, VOSK, JKG, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like DLBC, INK, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CN2, ARCES, KRSR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MMLAC Mammoth Lakes, O04C Chester, 001C Eel River Cons, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HHC comp=Z,56nm,7.0s, HHC comp=N,96nm,23.8s, etc.

MAN 20 11:49:25, 1189N-12572E, h45km, mb4.0, ML2.8, MS2.4, 1C, Samar

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BESP Borongan, PLP Palo, CNP Catarman, etc.

SKO 20 11:52:52.0, 4035N-2188E, h20km, Greece

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VAY Valandovo, KRUS Krusevo, etc.

IDC 20 11:58:14.4, 17.0, 510S, 12686E, h527km, 111km, mb3.2/1, mb1 3.2/4, mb1mx2.7/17, mb1mx3.0/4, Error ellipse: s-maj=222.4km s-min=109.4km az=164.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

TAP 20 12:03:04.0, 2199N-12041E, h40km, ML3.7, JMA 20 12:03:06.4, 0.3, 2189N-12079E, h128km, M2.8, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YOJ Yonaguni jima, HATJ Hateruma jima, etc.

MAN 20 12:42:30, 1039N-12527E, h32km, mb4.0, ML2.7, MS2.4, 1C-1D, Leyte

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSLP Maasin, SCPH Surigao, PLP Palo, etc.

ISCJB 20 12:44:58.8, 1.3, 3716N-007.3875E, h12km, 7km, Error ellipse: s-maj=12.5km s-min=6.0km az=173.9, CSEM 20 12:44:58.9, 0.2, 3726N-3869E, h10km, MD3.0, Error ellipse: s-maj=6.2km s-min=2.2km az=152.0

DDA 20 12:44:58.9, 3755N-3892E, h7km, 5km, Md3.1, ISK 20 12:44:58.8, 3723N-3869E, h10km, MD3.0, IDC 20 12:44:59.0, 1.3, 3715N-007.3874E, h5km, h12km, 7km, n11, 0.093/16, Turkey

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URFA Urfa, ATAB Bozova, GZT Gaziantep, etc.

ISCJB 20 12:52:31.1, 0.6, 3299N-003.10409E, h10km, mb3.3/3, Error ellipse: s-maj=8.5km s-min=4.6km az=6.1, IDC 20 12:52:32.7, 1.7, 3293N-10421E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.4/21, mb1mx3.2/4, ML3.8/1, Error ellipse: s-maj=83.1km s-min=29.9km az=53.0, BUJ 20 12:52:34.0, 3293N-10390E, h14km, ML3.8, Ms3.6, Ms2.5

ISC 20 12:52:33.9, 0.6, 3298N-003.10407E, h10km, n8, 0.1526/15, mb3.3/3, Sichuan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CD2 Chengdu, LZH Lanzhou, etc.

ISC 20 13:45:04.0, 3475N-13929E, h0km, M2.1, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CAUP Cauyuan, APYP Conner, ABRA Dolores, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GYA Guiyang, GYA comp=N,30nm,1.1s, CMAR Chiang Mai Arr, etc.

NIED 20 12:54:00, 3750N-13860E, h8km, Mw3.4, Best double couple: M1.61000x1014, NP1:0.225, 0.00000, 0.860, 0.00000, 1.116, 0.00000, NP2:0.0, 0.00000, 0.839, 0.00000, 1.53, 0.00000, ISCJB 20 12:54:43.3, 0.5, 3745N-004.13860E, h0.07, h28km, 5km, mb3.6/2, Error ellipse: s-maj=9.5km s-min=6.5km az=155.4

JMA 20 12:54:43.9, 3745N-13857E, h20km, 1km, M3.6, Broadband fault plane solution: P waves, NP1: 0.346, 0.00000, 0.854, 0.00000, 1.39, 0.00000, NP2: 0.203, 0.00000, 0.859, 0.00000, 1.137, 0.00000, Principal axes: T Plg51.00000, Azm195.00000, N Plg39.00000, Azm21.00000, P Plg3.00000, Azm289.00000, JMA Felt J1, IDC 20 12:54:44.6, 5.7, 3738N-13861E, h20km, 32km, mb3.5/2, mb1 3.7/4, mb1mx3.3/23, mb1mx3.7/4, ML3.7/2, Error ellipse: s-maj=27.6km s-min=15.3km az=23.0

ISC 20 12:54:43.8, 0.6, 3744N-004.13857E, h0.06, h19km, 5km, n13, 0.09/17, mb3.6/2, 2C-5D, Near west coast of Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JIZZ Izumozaki, JIKT Hiroka, JJJN Nakama, etc.

JMA 20 12:54:43.8, 0.6, 3744N-004.13857E, h0.06, h19km, 5km, n13, 0.09/17, mb3.6/2, 2C-5D, Near west coast of Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

IDC 20 13:13:31.0, 4.2, 1.3474N-13944E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/22, mb1mx3.7/4, ML3.4/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/31, Error ellipse: s-maj=62.1km s-min=17.7km az=68.0, ISCJB 20 13:13:32.7, 0.5, 3473N-003.13932E, h0.04, h8km, 3km, mb3.7/2, Error ellipse: s-maj=6.2km s-min=4.0km az=43.7, JMA Felt J1, JMA 20 13:13:32.8, 3473N-13931E, h4km, 1km, M3.2, ISC 20 13:13:33.1, 0.5, 3474N-003.13933E, h0.04, h6km, 4km, n15, 0.078/24, mb3.7/2, 1C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JJJN Nakama, JSD Sado, JNS Sasagawa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kamata 2, IZUSHIMODA, KOZU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ERRACHIDIA, COL DE ZAD, MISHLIFEN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUME JIMA 2, AGUNI-JIMA, MIYAKO JIMA 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WEST TONGARIRO, TAUREWA, WAKAPAPA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SURIGAO, BUTUAN, MASIN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHARTERS TOWER, STEPHENS CREEK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAASIN, PALO, ORMOC, etc.

ISCJB 20 15:12:53.6:3.8, 43S:01:1435E.01, h72km, 39km, mb3.9/11, Error ellipse: s-maj=24.0km s-min=15.5km az=144.6

NEIC 20 15:12:53.3:2.1, 429S:14345E, h53km, 21km, mb4.4/8, Error ellipse: s-maj=15.5km s-min=12.5km az=159.0

ISC 20 15:12:56.7:3.5, 44S:01:1435E.01, h87km, 37km, n20, mb3.9/11, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHARTERS TOWER, HNIARIA, WRAB, etc.

WEL 20 15:22:00.9:0.5, 3857S:17596E, h148km, 4km, ML3.5/6, Error ellipse: s-maj=2.1km s-min=2.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WEST TONGARIRO, TAUREWA, WAKAPAPA, etc.

ATH 20 15:31:09.5, 3887N:2019E, h10km, MD3.3/3, Error ellipse: s-maj=8.5km s-min=4.8km az=6.1

THE 20 15:31:15.5, 3931N:2022E, h0km, ML3.4, Error ellipse: s-maj=2.9km s-min=1.7km az=82.0

ISC 20 15:31:15.1:0.9, 3933N:003:2019E.07, h13km, 6km, n14, mb3.8/8, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGTOUGOUNITSAS, KERKIRA, JANINA, etc.

ISCJB 20 15:36:59.6:0.6, 4038N:002:2115E.005, h3km, 7km, Error ellipse: s-maj=6.9km s-min=3.8km az=166.2

SKO 20 15:37:00.8, 4036N:2109E, h26km, M1.6, ML2.0, Error ellipse: s-maj=3.2km s-min=1.6km az=81.0

ISC 20 15:37:00.3:0.8, 4037N:002:2112E.005, h6km, 7km, n18, mb3.5/5, Greece

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKASA MALIN ARAY BE, AKASA MALIN ARAY BE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO DI AR BEA, TORO DI AR BEA, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO DI AR BEA, TORO DI AR BEA, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO DI AR BEA, TORO DI AR BEA, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO DI AR BEA, TORO DI AR BEA, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO DI AR BEA, TORO DI AR BEA, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like U05C Westside ANR, P16A Fountain Green, HBAR Harrisburg, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like N10A Dunphy, L16A Fish Haven, HVU Hansel Valley, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like K07A Rock Creek Ran, L05A Lakeview, N02C Big Bear, etc.

Table of station data for 20d 17h, including columns for station name, coordinates, and various parameters like elevation and frequency.

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Table with columns: STA, Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like WRA Warrungarra Arr, SBA Scott Base, FITZ Fitzroy Crossi, etc.

Table with columns: STA, Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like STKA Stephens Creek, TATO Taipei, JNU Nakatsue, etc.

Table with columns: STA, Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like TATO Taipei, JNU Nakatsue, QZH Quanzhou, etc.

NEIC 20 17:23:53.8.0.1, 2078S, 16846E, h10km, mb5.5/65, MS4.9/7, MW5.6, Error ellipse: s-maj=6.0km s-min=1.1km...

GCMT 20 17:23:53.8.0.1, 2082S, 16836E, h12km, MW5.5/99, Moment Tensor Solution, s8 Moment tensor: Scale 10^17 Nm...

BGS 20 17:23:53.7.5.0, 2078S, 16846E, h10km, mb5.5(NEIC), LDG 20 17:23:54.6.0.1, 2057S, 1694E, h10km, mb5.6/MS4.7/8...

ISCJB 20 17:23:56.1, 2016S, 16844E, h18km, mb5.7, mb5.3, Ms5.0, Ms4.7, Error ellipse: s-maj=5.1km s-min=3.2km...

ISC 20 17:23:58.3.0.1, 2083S, 16846E, h37km, h37km, 3km; p-P, n1057, s065/619, mb5.4/111, MS4.7/49, 17C-182D, Loyalty Islands

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like HNR Honiara, RAO Raoul Island, AFU Funafuti, etc.

Table with columns: STA, Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like STKA Stephens Creek, TATO Taipei, JNU Nakatsue, etc.

Table with columns: STA, Name, Az, El, P, M, L, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like TATO Taipei, JNU Nakatsue, QZH Quanzhou, etc.

20d 17h

Table of flight data for 20d 17h, including columns for flight number, destination, departure time, and status.

2007 JUL

Table of flight data for 2007 JUL, including columns for flight number, destination, departure time, and status.

712

Table of flight data for 712, including columns for flight number, destination, departure time, and status.

Table with columns: ID, Name, Date, Time, Az, El, P, M, Az, El, P, M. Rows include G10A Bishop Farm, J, Q14A Sevier Lake, D09A Jones Farm, etc.

Table with columns: ID, Name, Date, Time, Az, El, P, M, Az, El, P, M. Rows include WALA Waterton Lakes, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns: ID, Name, Date, Time, Az, El, P, M, Az, El, P, M. Rows include TIRR Tirusor, TIRR Tirusor, BURAR Buccovina Array, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ATAH	Atahualpa	29.48	118	P	21 10 28.9	+2.3
ROSC	EI Rosal	21.96	93	LR	21 19 14.3	
PV01	Paradox Valley	31.98	354	P	21 10 41.0	+0.4
SRU	San Rafael	32.30	351	eP	21 10 50.5	-0.7
ELK	Elko	34.84	345	P	21 11 12.8	-0.5
PDAR	Pinedale Array	35.77	353	P	21 11 21.6	+0.4
PDAR				PCp	21 13 48.5	-0.2
HLID	Hailey	37.33	348	eP	21 11 34.9	+0.3
YBH	Yreka Blue Hor	38.09	338	P	21 11 40.4	-0.7
GCMT	Greycliff	38.77	353	eP	21 11 46.8	+0.1
HAWA	Hanford	41.22	344	eP	21 12 07.8	+0.8
RSW	Rattlesnake Hi	41.24	344	eP	21 12 08.1	+0.9
AGIMN	Agassiz Refuge	41.64	9	eP	21 12 09.3	-1.1
EYMN	Ely	42.11	13	eP	21 12 13.0	-1.2
RKT	Rikitea	42.43	224	eLR	21 23 42.1	
LPAZ	La Paz	42.76	123	P	21 12 21.0	+0.1
LPZ				LR	21 26 58.7	
LPZ				LR	21 12 21.0	+0.1
LPZ				LR	21 26 58.7	
JCW	Jim Creek	43.54	343	eP	21 12 25.6	-0.3
EDM	Edmonton	46.52	353	eP	21 12 48.9	-0.6
PPT	Papeete	50.95	241	eLR	21 27 41.2	
PPT				LR	21 28 07.9	
CFAA	Coronel Fontan	51.73	140	P	21 13 29.9	+0.2
SCHQ	Schefferville	56.22	25	P	21 14 00.8	-1.3
SCHQ				P	21 14 00.8	-1.3
CPUP	Villa Florida	56.47	128	P	21 14 03.8	-0.6
BDFB	Brasilia	60.23	112	P	21 14 29.3	-1.5
DAWY	Dawson	62.07	343	eP	21 14 42.2	-0.3
INK	Inuvik	64.09	348	P	21 14 54.2	-1.6
INK				P	21 14 54.2	-1.6
PPLA	Papeyville	65.47	338	eP	21 15 04.5	-0.4
PETK	Petrovalovsk	69.08	323	P	21 17 16.9	-0.3
WRA	Warrungana Arr	121.78	251	PKP	21 23 15.8	-1.1
ASAR	Alice Springs	121.85	247	PKP	21 23 17.5	-1.2
MKAR	Makanchi Array	125.97	354	PKP	21 23 23.2	-1.0
CMAR	Chiang Mai Arr	145.70	318	PKPbc	21 24 01.8	+0.1

ICD 20 21:05:13.6; 1.9, 257N; 12841E, h0 km, mb3.6/4, mb1 mx3.5/1.7, mbtmp3.7/4, Error ellipse: s-maj=99.0km s-min=24.1km az=70.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FITZ	Fitzroy Crossi	20.72	187	Op	21 09 56.2	+0.5
WRA	Warrungana Arr	23.12	166	P	21 10 21.1	-0.3
STKA	Stephens Creek	36.48	161	P	21 12 19.8	-0.7
MKAR	Makanchi Array	59.46	325	P	21 15 18.7	+0.4

ICD 20 21:58:46.5; 7.8, 2005S; 6870W, h126 km, 33km, mb3.4/1, mb1 3.5/3, mb1 mx3.1/1.9, mbtmp3.3/3, Error ellipse: s-maj=132.0km s-min=28.6km az=74.0, Chile-Bolivia border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LPZ	La Paz	3.78	8	Op	21 59 44.1	+0.8
CPUP	Villa Florida	12.18	123	P	22 01 35.8	0.0
TORD	Torodi Arr, Bea	76.59	71	P	22 10 24.3	+0.1

ISCJB 20 22:06:38.0; 0.3, 4283N; 001; 1268E; 0.03, h11 km, 3km, Error ellipse: s-maj=3.2km s-min=2.3km az=164.5

CSEM 20 22:06:38.0; 0.1, 4285N; 1271E, h10 km, ML3.6/8, Error ellipse: s-maj=1.2km s-min=0.8km az=62.0

ROM 20 22:06:38.4; 0.1, 4285N; 1270E, h5 km, 1km, Md2.9/36, Md2.5/7, Error ellipse: s-maj=1.3km s-min=0.9km az=75.0

ISC 20 22:06:39.4; 0.3, 4284N; 1126E; 0.03, h4 km, 4km, n46, +0.99/6.9, 20C-1D, Central Italy

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ASS	Assisi	0.23	355	Op	22 06 43.5	+0.3
CESI	CESI - Serrava	0.24	44	P	22 06 43.6	-0.4
CESI				Sg	22 06 47.1	0.0
NRCA	Norcia	0.32	90	P	22 06 45.2	-0.3
LNSS	Leonessa	0.35	131	P	22 06 46.2	0.0
LNSS				Sg	22 06 52.3	+1.6
MURB	Monte Urbino	0.44	345	P	22 06 47.5	-0.4
MURB				Sg	22 06 55.0	+1.3
MNS	Montasola	0.45	180	P	22 06 48.1	+0.1
MNS				Sg	22 06 56.1	+2.3
SNTG	Esanatoglia	0.46	24	P	22 06 47.3	-0.9
SNTG				Sg	22 06 55.2	+0.9
SACS	San Casciano d	0.57	272	P	22 06 50.5	+0.3
CAMP	Campotosto	0.61	119	P	22 06 50.4	-0.8
CAMP				Sg	22 06 59.9	+0.8
FIAM	Fiamignano	0.65	150	P	22 06 51.3	-0.6
FIAM				Sg	22 07 01.5	+1.2
CING	Cingoli	0.66	351	P	22 06 50.9	-1.1
CING				Sg	22 07 01.0	+0.4
LATE	Laterza	0.68	251	P	22 06 52.7	+0.2
ARVD	Arcveja	0.69	161	P	22 06 51.3	-1.3
ARVD				Sg	22 07 02.4	+0.8
CDCA	Citt di Castle	0.70	332	P	22 06 52.7	-0.2
PIEI	Plelh	0.71	351	P	22 06 52.0	-1.0
PIEI				Sg	22 07 03.6	+1.4
TERO	Teramo	0.71	107	P	22 06 51.9	-1.1
TERO				Sg	22 07 02.7	+0.4
AQU	L'Aquila	0.72	132	P	22 06 53.0	-0.1
BADI	Badioli	0.75	335	P	22 06 53.2	-0.5
BADI				Sg	22 07 05.2	+1.8
OFFI	Offida	0.75	82	P	22 06 53.5	-0.2
OFFI				Sg	22 07 05.5	+2.1
MTCE	Montecelio	0.81	177	P	22 06 54.4	-0.5
MTCE				Sg	22 07 07.2	+1.7
FSSB	Fossombrone	0.86	5	P	22 06 54.5	-1.4
FSSB				Sg	22 07 08.0	+1.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FAGN	Fagnano	0.88	130	Pg	22 06 55.8	-0.4
ARCI	Arcidosso	0.89	271	Pg	22 06 56.4	0.0
ARCI				Pg	22 07 01.2	+2.4
TRTR	Torretto Alta	0.91	91	Pg	22 06 56.9	+0.1
CERT	Ceretto	0.91	166	Pg	22 06 55.9	-1.0
CERT				Sg	22 07 09.9	+1.2
TOLF	Tofia	0.92	213	Pg	22 06 56.7	-0.3
VCEL	Villa Celiera	0.96	117	Pg	22 06 57.0	-0.8
PTQR	Pietraquara	0.97	146	Pg	22 06 56.8	-1.2
AOI	Ancona	0.98	43	Pg	22 06 56.8	-1.4
AOI				Sg	22 07 11.9	+0.9
RSM	Repubblica di	1.11	351	Pg	22 07 00.9	+0.3
CSNT	Castellina Chi	1.20	303	Pg	22 07 02.3	-0.1
INTR	Introdacqua	1.23	132	Pg	22 07 01.1	-1.7
SFI	Santa Sofia	1.23	331	Pg	22 07 02.1	-0.8
CASP	Castiglione de	1.34	269	Pg	22 07 03.4	-1.6
SDI	San Donato	1.40	143	Pg	22 07 06.4	+0.1
CRMI	Carmignano	1.57	308	Pg	22 07 08.3	-1.2
CERA	Cerrina	1.59	141	Pg	22 07 09.7	-0.1
MIDA	Mida	1.67	135	Pg	22 07 10.9	-0.5
BDI	Bagni Di Lucca	1.95	310	Pg	22 07 12.5	-4.3
SKS	Skandancia	2.88	19	Pn	22 07 24.8	-1.0
KNDS	Knejz Dol	2.96	24	ePn	22 07 26.7	-0.3
BOJS	Bojanci	3.25	34	ePn	22 07 31.5	+0.6
BOJS				Sn	22 08 10.5	+0.5
BOJS	Bojanci	3.25	34	ePn	22 07 31.5	+0.5
BOJS				Sn	22 08 10.5	+0.5
OBKA	Obir	3.91	191	Pn	22 07 39.3	-0.7
OBKA				Op	22 08 25.0	-1.3
ABTA	Abfaltersbach	3.91	358	Pn	22 07 40.3	+0.2
KBA	Koelnreinseier	4.27	61	Pn	22 07 44.7	+0.3
KBA				Op	22 08 36.4	+1.1

ICD 20 22:07:29.8; 1.0, 2388N; 12222E, h0 km, mb3.6/6, mb1 3.8/7, mb1 mx3.7/2.0, mbtmp3.7/7, ML3-4.1, MS2.9/2, Ms1 2.9/2, ms1 mx2.5/2.2, Error ellipse: s-maj=26.9km s-min=20.5km az=60.0

ISCJB 20 22:07:34.0; 1.3, 2377N; 12209E; 0.06, h41 km, 15 km, mb3.5/6, Error ellipse: s-maj=16.0km s-min=7.1 km

TAP 20 22:07:33.2, 2379N; 12205E, h24 km, ML4.0, JMA 20 22:07:33.2, 0.3, 2376N; 12205E, h57 km, M3.4, NEIC 20 22:07:35.0; 1.6, 2389N; 12224E, h39 km, 20 km, MG3.4(JMA), Error ellipse: s-maj=19.5km s-min=12.4km az=210.0

ISC 20 22:07:35.2; 1.4, 2381N; 12211E; 0.06, h35 km, 18 km, n19, +0.92/2.5, mb3.5/6, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
YOY	Yonaguni jima	1.05	52	Op	22 07 53.0	-0.4
TATO	Taipei	1.29	334	ePn	22 07 56.5	-0.2
TATO				Sn	22 08 13.0	+0.2
HATJ	Hateruma jima	1.57	81	P	22 08 00.0	-0.6
HATJ				Op	22 08 19.9	+0.2
IRIF	Iriomote-Funau	1.57	70	P	22 08 00.3	-0.3
IRIF				eS	22 08 21.0	+1.3
JKRS	Kuroshima	1.79	76	Pn	22 08 03.7	+0.1
JKRS				eS	22 08 25.7	+0.6
JIJ	Ishigaki jima	1.94	73	P	22 08 05.1	-0.5
JIJ				Sn	22 08 26.8	0.0
JTJ	Tarama	2.51	70	P	22 08 13.3	-0.1
JTJ				eS	22 08 44.2	+1.4
JOGS	Gusukube	3.15	72	P	22 08 22.9	+0.6
JKE	Kame jima 2	4.92	58	P	22 08 46.0	-0.7
JOW	Kunigami	6.34	60	Pn	22 09 03.9	-2.2
JOW				Sn	22 10 15.0	-2.3
JNU	Nakatsubo	12.06	38	LR	22 12 06.6	
KSR	Korea Array	14.49	19	Pn	22 10 59.7	+2.0
KSR				LR	22 17 54.8	
CMAR	Chiang Mai Arr	22.24	251	P	22 12 30.1	+1.1
CMAR				Sg	22 13 14.0	0.0
MKAR	Makanchi Array	27.05	336	P	22 14 59.0	-0.7
MKAR				Op	22 15 47.4	-0.6
WRA	Warrungana Arr	45.09	164	P	22 16 15.7	+0.6
ASAR	Alice Springs	45.56	166	P	22 16 15.7	+0.6
ASAR				Op	22 16 15.7	+0.6
STKA	Stephens Creek	58.42	161	P	22 17 27.3	-0.1

BUI 20 22:47:32.8, 1268N; 14427E, h39 km, mb5.1, mb4.8, Error ellipse: s-maj=24.4km s-min=10.6km az=84.0

ISCJB 20 22:47:39.3; 2.5, 1272N; 1440E; 0.5, h71 km, 50 km, mb3.8/10, Error ellipse: s-maj=75.4km s-min=15.3km az=173.4

NEIC 20 22:47:39.3; 1.5, 1272N; 1440E, h66 km, 18 km, mb4.3/1, Error ellipse: s-maj=24.4km s-min=10.6km az=84.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO Matushiro, MJAR Matushiro Arr, KSRs Korea Array, etc.

NDI 21 00:50:41.0t.1.3, 3429N:7248E, h10km, ML3.5
ISC 21 00:50:43.5t.1.1, 3471N:02.729E:04, h35km, n6, e091/9, 1C-1D, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THN Thein Dam, DLH Dalhousie, SMLA Simla, etc.

NIED 21 00:52:00, 3860N:14140E, h62km, Mw3.7 Best double couple: M4.13000x1014 NP1=153.00000; 865.00000, 1.37.00000. NP2=45.00000; 857.00000; 1419.00000.

ISC 21 00:52:29.4t.1, 3902N:14245E, h0km, mb4.0/3, mb1 4.1/6, mb1mx3.7/22, mbtmpp4.0/6, ML3.8, MS3.3/4, Ms1 3.4/4, ms1mx2.7/25, Error ellipse: s-maj=68.5km

ISCJB 21 00:52:39.2t.0.8, 3860N:004x14148E:008, h71km, 5km, mb3.6/3, Error ellipse: s-maj=11.1km s-min=6.0km az=20.2

NEIC 21 00:52:40.0, 3860N:14142E, h68km, MG3.7(JMA), After JMA

NEIC Recorded [1 JMA] in Iwate and Miyagi Prefectures. JMA 21 00:52:39.9, 3860N:14142E, h68km, 1km, M3.7 Broadband fault plane solution: P waves. NP1: 46.00000; 649.00000; 178.00000. NP2: 314.00000; 888.00000; 141.00000. Principal axes: T Ptg26.00000; Azm8.00000; N Ptg49.00000; Azm132.00000; P Ptg29.00000; Azm262.00000;

JMA Felt 1 J1. ISC 21 00:52:39.9t.0.8, 3860N:004x14149E:008, h66km, 5km, n23, e083/31, mb3.6/3, 7C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, JIMK Ichinoseki, OFUJ Ofunato, etc.

BJJ 21 01:49:59.9, 4713N:15654E, h5km, mb4.9, mb4.6, Ms4.3, Ms24.1

ISC 21 01:49:59.8t.0.5, 4685N:15663E, h0km, mb4.5/20, mb1 4.7/23, mb1mx4.7/25, mbtmpp4.5/23, ML4.2/3, MS3.6/17, Ms1 3.7/17, ms1mx3.5/40, Error ellipse: s-maj=17.8km

SKHL 21 01:50:00.2t.3.2, 4702N:15669E, h52km, 17km, mb4.9/3, Ms3.9/1, msh5.8/2

ISCJB 21 01:50:01.4t.0.2, 4695N:004x15665E:003, h15km, mb4.8/131, MS3.9/35, Error ellipse: s-maj=6.1km s-min=2.5km az=175.6

NEIC 21 01:50:02.2t.2.0, 4699N:15659E, h10km, mb5.0/72, Error ellipse: s-maj=5.6km s-min=3.0km az=177.0

MOS 21 01:50:05.0t.0.9, 4689N:15657E, h47km, mb5.1/59, Error ellipse: s-maj=8.4km s-min=5.2km az=101.2

SZGRF 21 01:50:09.6, 4708N:15588E, h33km, mb4.9, East of Kuril Islands, Russia

ISC 21 01:50:02.2t.1.2, 4708N:004x15657E:003, h5km, 7km, h16km, 7km; pP-n540, e071/538, mb4.8/131, MS3.9/35, 7C-6D, East of Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, Pn, Time, Res. Includes stations like SKR Severo-Kuril's, MAJO Matushiro, MJAR Matushiro, etc.

Table with columns: MAJO Matushiro, MJAR Matushiro, MAT Matushiro, etc. Includes station names and associated data.

Table with columns: YAK, eSS, Time, Res. Includes stations like YAK, eSS, MAJO Matushiro, etc.

21d 1h

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Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like P12A McGill, GRAC Grapevine Rang, N14A Grayback Hills, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like ANMO Albuquerque, WRA Warramunga Arr, 219A White Tail Can, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like BFO Black Forest, BFO Black Forest, WTAA Wattenberg, etc.

Table with columns for station name, time, phase, and other parameters. Rows include CAIG, CAIG El Cayaco, ACX Acapulco, etc.

IDC 21 04:40:46.3:17.0,21745:17482W,h0km,mb4.4/5, mb1 4.6/5, mb1mx4.1/1.9, mbtmp4.4/5, 2C, Error ellipse: s-maj=27.8km s-min=134.1km az=80.0, Tonga Islands

Table listing station names like CTA Charters Tower, SKTA Stephens Creek, STKA Stephens Creek, etc. with associated time and phase data.

MAN 21 04:41:16, 1465N:12310E, h26km, mb4.1, ML2.9, MS2.6, 2C-2D, Luzon

Table listing station names like GQP Guinayangan, POP Polilio Island, PVCP Virac, etc. with associated time and phase data.

MAN 21 04:52:25, 1412N:12013E, h56km, mb3.7, ML2.5, MS2.0, 1C-1D, Luzon

Table listing station names like LUBP Lubang, NBP Mount Natib, LBPH Los Banos, etc. with associated time and phase data.

ISCJB 21 04:53:16.9:1.3, 3478N:003:7328E:004, h23km, 10km, mb4.2/19, Error ellipse: s-maj=6.4km s-min=3.7km az=146.2

BUI 21 04:53:22.8, 3480N:7320E, h57km, mb4.9, mb4.1, ML3.8, MS3.7

NEIC 21 04:53:22.8:1.3, 3483N:7322E, h57km, 12km, mb4.4/5, Error ellipse: s-maj=10.0km s-min=9.4km az=168.0

NEIC Fall in the Allah-Balakot-Mashehra area, IDC 21 04:53:24.0:5.7, 3482N:7322E, h17km, 53km, mb3.9/12, mb1 4.1/15, mb1mx3.8/2.4, mbtmp3.9/15, ML4.0/3, MS3.3/2, Ms1 3.3/2, ms1mx2.7/2.5, Error ellipse: s-maj=20.6km s-min=15.0km az=73.0

NNC 21 04:53:29.1:4.1, 3524N:7293E, h96km, 29km, mb3.5, mpv4.3, Error ellipse: s-maj=43.8km s-min=20.8km az=40.0

ISC 21 04:53:17.9:1.4, 3479N:003:7320E:004, h17km, gkm, n72, e:1537/90, mb4.2/19, 9C-6D, Pakistan

Table listing station names like CHCP Chirah Chowk, CEP Cherat, THW Thamme Wali, etc. with associated time and phase data.

Main table listing station names, time, phase, and other parameters. Rows include DMN Daman, KKN Kakani, PKN Pulchoki, etc.

ATH 21 05:09:19.9, 4082N:2082E, h19km, 2km, MD3.1/3

ISCJB 21 05:09:20.0:0.9, 4068N:003:2076E:006, h3km, 7km, Error ellipse: s-maj=9.3km s-min=5.2km az=165.7

CSEM 21 05:09:20.7:0.2, 4075N:75E, h2km, ML1.8, Error ellipse: s-maj=4.1km s-min=2.8km az=91.0

SKO 21 05:09:20.6, 4072N:2081E, h15km, M1.2, ML1.8

THE 21 05:09:21.0, 4069N:2077E, h0km, ML3.1

ISC 21 05:09:20.7:0.9, 4069N:003:2074E:007, h7km, 8km, n15, e:1521/28, Greece-Albania border region

Table listing station names like OHR Ohrid, OHR Kerika, OHR Florina, etc. with associated time and phase data.

JMA 21 05:31:01.3:0.5, 4701N:14168E, h14km, M3.2

SKHL 21 05:31:51.4:0.5, 4690N:14170E, h10km, mb3.8/2, 1C, Sakhalin Island

Table listing station names like YSS Yuzh-Sakhalins, YSS 30nm,0.5s, YSS 40nm,0.3s, etc. with associated time and phase data.

Table listing station names like UGL 110nm,1.0s, GRNR Gornyy, etc. with associated time and phase data.

NEIC 21 05:55:32.2, 5447N:15669W, h15km, ML3.5(AEIC), After AEIC, South of Alaska

Table listing station names like CHGN Chignik, SDPT Sand Point, SDPT Old Harbor, etc. with associated time and phase data.

ISCJB 21 06:07:15.9:3.7, 300S:008:1304E:01, h11km, 23km, mb4.0/9, MS3.3/2, Error ellipse: s-maj=23.6km s-min=10.5km az=156.4

NEIC 21 06:07:21.7:0.7, 313S:13030E, h35km, mb4.2/4, Error ellipse: s-maj=17.1km s-min=9.6km az=64.0

IDC 21 06:07:22.6:3.3, 313S:13030E, h43km, 30km, mb3.9/8, Mb1 4.2/11, mb1mx4.0/18, mbtmp4.0/11, ML4.3/3, MS3.3/3, Ms1 3.3/3, ms1mx3.0/22, Error ellipse: s-maj=38.6km s-min=12.7km az=69.0

ISC 21 06:07:22.0:2.0, 310S:009:1303E:01, h42km, 18km, n22, e:0986/18, mb4.0/9, MS3.3/2, 4C, Seram

Table listing station names like BATI Baumata, KAKA Kakadu, KAKA Kappang, etc. with associated time and phase data.

ISCJB 21 06:48:38.6:0.6, 2751N:006:5503E:006, h10km, Error ellipse: s-maj=10.4km s-min=5.7km az=42.2

THR 21 06:48:40.9:0.5, 2765N:5514E, h17km, 5km, ML3.4

CSEM 21 06:48:41.1:2.0, 2768N:5516E, h19km, ML3.4, Error ellipse: s-maj=5.0km s-min=2.1km az=56.0

ISC 21 06:48:39.9:1.4, 2749N:007:5507E:006, h6km, 12km, n17, e:0872/20, Southern Iran

Table listing station names like BNDS Bandar-Abbas, BANOM Banah, BANOM Banah, etc. with associated time and phase data.

IDC 21 06:51:21.8:1.0, 472S:13325E, h0km, mb4.3/4, mb1 4.5/8, mb1mx4.2/16, mbtmp4.4/8, ML4.3/4, MS3.9/6, Ms1 3.9/6, ms1mx3.5/19, Error ellipse: s-maj=60.6km s-min=18.7km az=69.0

ISCJB 21 06:51:22.0:2.9, 477S:006:1335E:01, h19km, 23km, mb4.2/5, MS3.8/5, Error ellipse: s-maj=16.9km s-min=10.3km az=170.2

NEIC 21 06:51:25.4:1.0, 475S:13350E, h35km, mb4.3/5, Error ellipse: s-maj=17.2km s-min=13.2km az=52.0

ISC 21 06:51:25.0:3.4, 487S:007:13341E:009, h25km, 27km, n19, e:142/17, mb4.2/4, MS3.8/5, Irian Jaya region

Table listing station names like KAKA Kakadu, KAKA Kappang, PMG Port Moresby, etc. with associated time and phase data.

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

MEX 21 07:07:18.4.0.3, 1392N-9141W, h67km, 278km, MD4.5, Near coast of Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

WEL 21 07:07:46.9.0.6, 3843S-17600E, h162km, 4km, ML3.7/11, Error ellipse: s-maj=3.6km s-min=-3.4km az=0.0, North Island. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC/JB 21 07:17:36.2.0.7, 302N.01-888E.02, h10km, mb3.8/5, Error ellipse: s-maj=27.2km s-min=7.8km az=150.5. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC 21 07:17:37.0.1.6, 3030N-8878E, h0km, mb3.7/5, mb1 3.8/7, mb 1mx3.7/23, mb1mp3.6/7, ML3.0/1, Error ellipse: s-maj=36.5km s-min=7.92km az=132.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC 21 07:19:05.4.4.8, 1963N-9499E, h131km, 40km, mb3.4/4, mb1 3.5/5, mb1mx3.2/21, mb1mp3.3/5, Error ellipse: s-maj=57.3km s-min=21.0km az=63.0, Myanmar. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC/JB 21 07:30:46.2.1.3, 54S-02:1516E.03, h33km, mb4.1/8, Error ellipse: s-maj=40.0km s-min=18.5km az=29.3. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Error ellipse: s-maj=40.0km s-min=18.5km az=29.3, NEIC 21 07:30:47.1.0.6, 54S-15:17E.02, h35km, n14, etc.

CSEM 21 07:36:02.0, 3397N-535W, h0km, MD3.5, After CNRM CNRM 21 07:36:02.0, 3397N-535W, h0km, MD3.5, Morocco. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NIED 21 07:36:00, 3660N-14090E, h44km, Mw4.1, Best double couple: Mo:1.79000e+10, NP1:30.00000e-07, Q4.00000e-12, L26.00000e-07, NP2:141.00000e-07, S39.00000e-07, L26.00000e-07. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC 21 07:36:09.2.0.1, 3654N-1407E, h51km, 1km, M4.2, JMA Felt III. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NEIC Recorded [3 JMA] in Ibaraki, [2 JMA] in Fukushima and [1 JMA] in Chiba, Miyagi and Tochigi Prefectures. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC 21 07:36:09.3.0.5, 3656N-003-14090E.006, h46km, 4km, n50, 0:57N/60, mb4.0/17, MS3.2/2, 2C-8D, Near east coast of eastern Honshu. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

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

ISC/JB 21 07:50:06.2.1.5, 367N.0:1.714E.02, h131km, 28km, Error ellipse: s-maj=31.3km s-min=6.9km az=146.6. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THN Thin Dam, KK31 Karatay Array, SMLA Simla, etc.

ISC 21 07:51:21.0.0.7, 304S-13008E, h0km, mb4.0/9, mb1 4.2/11, mb1mx4.1/18, mb1mp4.1/11, ML4.02, MS4.2/1, Ms1 4.2/1, ms1mx3.2/32, Error ellipse: s-maj=40.9km s-min=14.9km az=69.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC/JB 21 07:51:23.9.0.7, 324S-007-1299E.01, h33km, mb3.9/8, Error ellipse: s-maj=19.7km s-min=7.6km az=157.1. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Petropavlovsk, Russkaya, Petropavlovsk, etc.

NEIC 21 08:30:25.9, 1914N-6466W, h62km, MD3.7(RSPR), After RSPR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Anegada, Tortola, Col San Antoni, etc.

BJI 21 09:19:15.0, 4662N-9016E, h16km, ML3.3

NNC 21 09:19:18.1±2.3, 4670N-8978E, h0km, mb3.5, mpv3.5

Error ellipse: s-maj=16.3km s-min=13.3km az=103.0

ISC 21 09:19:17.2±2.3, 4674N-9007.901E, h10km, n4, c034/9, 6C-4D Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Urumqi, Makanchi Array, etc.

ISCJJB 21 09:26:48.2±0.7, 2070S-005:685W, 0.1, h118km, 12km,

Error ellipse: s-maj=20.9km s-min=8.5km az=1.9

NEIC 21 09:26:49.0±0.8, 2073S-6854W, h108km, 13km, Error ellipse: s-maj=15.9km s-min=10.4km az=89.0

ISC 21 09:26:48.6±1.1, 2068S-6857W, h108km, 14km, mb3.5/2, mb1 3.6/5, mb1mx3.3/20, mbmtpp3.4/5, Error ellipse: s-maj=38.7km s-min=9.3km az=99.0

ISC 21 09:26:49.3±0.7, 2071S-005:685W, 0.1, h110km, 13km, n8, c070/12, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Limon Verde, La Paz, etc.

CSEM 21 09:35:47.4±0.2, 4022N-3343E, h10km, MD2.8, Error ellipse: s-maj=4.9km s-min=3.9km az=133.0

ISCJJB 21 09:35:48.2±0.6, 4022N-3345E, h04, h1km, 7km,

Error ellipse: s-maj=5.3km s-min=4.5km az=40.6

DDA 21 09:35:48.2±0.22N-3346E, h7km, MD2.7

ISC 21 09:35:48.0±0.2, 4022N-3346E, h18km, MD2.8

ISC 21 09:35:48.0±0.5, 4022N-3345E, h11km, 7km, n12, c087/19, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Cankiri, Ankara, etc.

ISC 21 09:47:47.2±13.0, 275S-13005E, h0km, mb3.8/2, mb1 3.9/3, mb1mx3.6/15, mbmtpp3.8/3, ML3.7/1, Error

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, etc.

ISC 21 09:48:48.0±1.1, 304S-13016E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.9/15, mbmtpp3.9/6, ML4.0/1, Error ellipse: s-maj=75.9km s-min=19.7km az=66.0, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, etc.

ISC 21 09:54:00.2±1.4, 289S-13042E, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.9/16, mbmtpp4.0/7, ML3.8/2, MS3.2/2, Ms1 3.2/2, ms1mx2.9/22, Error ellipse: s-maj=78.1km s-min=18.6km az=69.0, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, etc.

ATH 21 09:54:11.3, 3829N-2137E, h30km, 3km, MD3.0/3

ISCJJB 21 09:54:13.0±0.6, 3827N-2159E, h27km, 9km,

Error ellipse: s-maj=7.6km s-min=7.6km az=31.1

THE 21 09:54:12.3, 3828N-2162E, h0km, ML2.5

CSEM 21 09:54:13.2±0.2, 3828N-2157E, h26km, 2km, ML2.5, Error ellipse: s-maj=5.0km s-min=4.0km az=148.0

ISC 21 09:54:13.0±0.6, 3828N-2159E, h25km, 10km, n9, c083/16, 1C, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Riolos of Patr, Anninata, etc.

ISC 21 09:56:02.1±17.0, 1778S-17860W, h520km, 156km, n2/4, mb1 3.4/4, mb1mx3.0/17, mbmtpp3.2/4, Fijii Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Stephens Creek, Alice Springs, etc.

NIED 21 10:07:00, 4650N-15300E, h32km, Mw4.4 Best double couple: Mo4.45000-1015 NP1.0134.00000, 883.00000, -33.00000, NP2.0229.00000, 857.00000, -172.00000.

JMA 21 10:07:04.7±0.6, 4650N:15301E, h30km, M5.0

ISCJJB 21 10:07:06.1±0.6, 4656N-15266E, h50km, 5km, mb4.8/109, MS3.6/13, Error ellipse: s-maj=8.0km s-min=2.2km az=152.7

MOS 21 10:07:06.0±0.9, 4646N:15270E, h54km, mb4.9/44, Error ellipse: s-maj=8.0km s-min=5.1km az=100.6

SKHL 21 10:07:07.3±1.1, 4678N:15260E, h58km, 12km, mb5.0/6, Ms4.0/2, msh5.0/1

NEIC 21 10:07:08.6±0.3, 4671N:15262E, mb4.7/64, Error ellipse: s-maj=8.4km s-min=4.1km az=172.0

ISC 21 10:07:10.6±2.6, 4673N:15254E, h73km, 23km, mb4.0/18, mb1 3.6/10, mb1mx4.2/25, mbmtpp4.1/20, MS3.6/10, Ms1 3.6/10, ms1mx3.3/31, Error ellipse: s-maj=16.9km s-min=11.3km az=149.0

SZGRF 21 10:07:16.9, 4876N:15206E, h33km, mb5.0, Kuril Islands, h196.0/7, 08.6±0.5, 4662N-15261E, h56km, 4km, h5C7km, 1.8km, pp-P, n320, t019/325, mb4.8/109, MS3.6/13, 24C-16D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Kuril'sk, etc.

Large table with columns: SKR, YUK, etc. Includes station names, azimuths, phase IDs, times, residuals, and ISC values. Includes stations like Kuril'sk, Ashihikawa, etc.

21d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yakutsk, KAF Kangasniemi, IMW Indian Meadow, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KAF Kangasniemi, IMW Indian Meadow, RRI Red Ridge, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ZST Bratislava, ROTZ Rotzenmühle, KHC Kasperske Hory, etc.

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

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

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

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

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

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

SONM Songio Array 78.91 40 P P 11 25 47.0 +2.3
SCH0 Schefferville 99.68 325 LR LR 12 15 57.2

ISCJB 21 11:15:03.4-0.8, 2985N:003.3621E:005,h0km, Error ellipse: s-maj=5.8km s-min=5.0km az=177.5
CSEM 21 11:15:03.3, 3004N:36.14E, h0km, ML2.9, After SNSN

ISC 21 11:15:03.5-0.8, 2985N:004.3625E:005,h0km,n15, c059/25, Western Arabian Peninsula

Code Station Name Az Az Phase ID Time Res h m s ISC
HRFI Mount Harif 1.07 280 Op P 11 15 23.4 -0.6
HRFI Elat 1.14 261 P P 11 15 38.6 +0.7

ISCJB 21 11:39:53.2-5, 476S:004.13344E:007,h9km,16km, mb4.3/13, MS4.3/13, Error ellipse: s-maj=11.7km

NEIC 21 11:39:55.4-0.5, 471S:133.00E,h10km, mb4.7/7, Error ellipse: s-maj=15.4km s-min=8.7km az=83.0

ISC 21 11:39:59.8-1.6, 491S:006.13354E:008,h50km,17km, n40, r162/36, mb4.3/12, MS4.3/13, Irian Jaya region

Code Station Name Az Az Phase ID Time Res h m s ISC
KAKA Kakadu 7.83 188 eP P 11 41 53.2 +2.1
KAKA Baunata 11.12 241 eS P 11 43 23.2 +4.7
BATI Baunata 11.12 241 eS P 11 42 35.9 -0.2

ISCJB 21 11:48:41.3, 084N:12827E, h35km, mb5.0, mb4.7, Ms4.3, Ms3.9

ISC 21 11:48:44.7-0.7, 159N:12765E, h0km, mb3.4/12, mb1.4/12, mb1mx4.4/16, mbtmp4.3/12, MS3.6/2

ISCJB 21 11:48:48.3-1.1, 159N:008.1277E:01,h36km,58km, mb4.4/15, MS3.7/3, Error ellipse: s-maj=24.9km

NEIC 21 11:48:49.6-0.5, 159N:12763E, h35km, mb4.5/2, Error ellipse: s-maj=19.7km s-min=9.6km az=78.0

ISC 21 11:48:52.1-4.4, 155N:008.1277E:01,h55km,44km, h27km,5.7km, pp-P, n23, c091/21, mb4.4/15, MS3.7/3, 1D, Halmahera

Code Station Name Az Az Phase ID Time Res h m s ISC
GUMO Guamo 20.77 54 P P 11 53 29.5 +0.8
WRA Warrungarra Arr 22.32 163 P P 11 59 04.8
WB2 Warrungarra Arr 22.33 163 eP P 11 53 44.8 -0.5

ISCJB 21 12:02:58.6-0.9, 492N:003.9751E:003,h10km,5km, mb5.2/162, MS5.0/59, Error ellipse: s-maj=5.3km

ISC 21 12:02:59.0-0.4, 504N:97.51E, h0km, mb4.9/33, mb1.4/9.34, mb1mx4.9/35, mbtmp4.9/34, ML4.1/1, MS4.6/19

ISC 21 12:53:02.0, 479N:97.53E, h41km, mb5.2, mb5.2, MS5.5, MS5.2

MOS 21 12:53:02.5-1.0, 505N:97.51E, h33km, mb5.3/66, MS4.9/19, Error ellipse: s-maj=9.1km s-min=4.4km az=116.3

NEIC 21 12:53:03.6-0.2, 500N:97.46E, h30km, mb5.1/62, Error ellipse: s-maj=8.1km s-min=4.9km az=223.0

NEIC Feilijij at Lhokseumawe

GCMT 21 12:53:03.6-0.2, 514N:97.72E, h12km, MW5.2/72, Moment Tensor Solution. s50.678; s72.125; Duration: 0

Code Station Name Az Az Phase ID Time Res h m s ISC
SIPP Brgy, Tapao 0.51 223j eP P 11 57 02.8 +1.0
SIPP Conner 0.59 137 eP P 11 57 12.3 -8.0
APYF Conner 0.59 137 eP P 11 57 01.1 +0.5

VNDA LR LR 12 24 11.2
PPT Papeete 76.04 107 eLR LR 12 15 33.0

PPT Papeete 76.04 107 LR LR 12 23 20.8
MAW Mawson 78.18 202 LR P 12 22 09.9

IMA2 Indian Mount 87.55 23 eP P 11 52 41.9 0.0
TORD Torodi Arr 131.82 293 PKP PKPdf 11 59 09.5 +1.0

CPUP Villa Florida 147.21 162 PKPbc PKPbc comp=Z,1.1nm,0.5s,baz=239,slow=1.7,SNR=5.7
LPAZ La Paz 149.95 126 PKPbc PKPbc comp=Z,1.9nm,0.8s,baz=56,slow=3,SNR=7.8

SGS 21 11:40:18.2, 2997N:36.11E, h8km, GII 21 11:40:16.6-0.9, 2986N:36.20E, h0km, ML2.1/5, EXPLOSION, Western Arabian Peninsula

Code Station Name Az Az Phase ID Time Res h m s ISC
HRFI Mount Harif 1.03 280 Op P 11 40 36.9 +0.6
HRFI Elat 1.10 261 P P 11 40 38.7 +0.9
EIL Elat 1.10 261 P P 11 40 35.4 +3.3

ISCJB 21 11:41:16.9-0.9, 2988N:003.3626E:005,h0km, Error ellipse: s-maj=6.2km s-min=4.5km az=12.9

SGS 21 11:41:16.6, 3011N:36.25E, h7km, ISC 21 11:41:16.9-0.9, 2987N:003.3631E:005,h0km,n16, c075/26, Western Arabian Peninsula

Code Station Name Az Az Phase ID Time Res h m s ISC
HRFI Mount Harif 1.11 279 Op P 11 41 37.8 -0.5
ZRFI Zrfi 1.19 305 P P 11 41 37.7 -1.1
ZRFI Zrfi 1.19 305 P P 11 41 55.0 -0.2

BUI 21 11:48:41.3, 084N:12827E, h35km, mb5.0, mb4.7, Ms4.3, Ms3.9

ISC 21 11:48:44.7-0.7, 159N:12765E, h0km, mb3.4/12, mb1.4/12, mb1mx4.4/16, mbtmp4.3/12, MS3.6/2

ISCJB 21 11:48:48.3-1.1, 159N:008.1277E:01,h36km,58km, mb4.4/15, MS3.7/3, Error ellipse: s-maj=24.9km

NEIC 21 11:48:49.6-0.5, 159N:12763E, h35km, mb4.5/2, Error ellipse: s-maj=19.7km s-min=9.6km az=78.0

ISC 21 11:48:52.1-4.4, 155N:008.1277E:01,h55km,44km, h27km,5.7km, pp-P, n23, c091/21, mb4.4/15, MS3.7/3, 1D, Halmahera

Code Station Name Az Az Phase ID Time Res h m s ISC
GUMO Guamo 20.77 54 P P 11 53 29.5 +0.8
WRA Warrungarra Arr 22.32 163 P P 11 59 04.8
WB2 Warrungarra Arr 22.33 163 eP P 11 53 44.8 -0.5

ISCJB 21 12:02:58.6-0.9, 492N:003.9751E:003,h10km,5km, mb5.2/162, MS5.0/59, Error ellipse: s-maj=5.3km

ISC 21 12:02:59.0-0.4, 504N:97.51E, h0km, mb4.9/33, mb1.4/9.34, mb1mx4.9/35, mbtmp4.9/34, ML4.1/1, MS4.6/19

ISC 21 12:53:02.0, 479N:97.53E, h41km, mb5.2, mb5.2, MS5.5, MS5.2

MOS 21 12:53:02.5-1.0, 505N:97.51E, h33km, mb5.3/66, MS4.9/19, Error ellipse: s-maj=9.1km s-min=4.4km az=116.3

NEIC 21 12:53:03.6-0.2, 500N:97.46E, h30km, mb5.1/62, Error ellipse: s-maj=8.1km s-min=4.9km az=223.0

NEIC Feilijij at Lhokseumawe

GCMT 21 12:53:03.6-0.2, 514N:97.72E, h12km, MW5.2/72, Moment Tensor Solution. s50.678; s72.125; Duration: 0

Code Station Name Az Az Phase ID Time Res h m s ISC
SIPP Brgy, Tapao 0.51 223j eP P 11 57 02.8 +1.0
SIPP Conner 0.59 137 eP P 11 57 12.3 -8.0
APYF Conner 0.59 137 eP P 11 57 01.1 +0.5

CPUP PKPab PKPab 12 09 03.7 +0.3
comp=Z,3.9nm,1.1s,baz=176,slow=4.4,SNR=4.5

ISCJB 21 11:59:37.3-0.7, 749S:006.12948E:007,h33km,mb3.9/6, Error ellipse: s-maj=10.7km s-min=8.1km az=155.1

NEIC 21 11:59:39.5-0.7, 750S:129.43E, h35km, mb4.7/1, Error ellipse: s-maj=28.0km s-min=10.2km az=77.0

ISC 21 11:59:41.9-2.5, 750S:129.64E, h59km,205km, mb3.7/6, mb1.4/0.10, mb1mx3.9/16, mbtmp3.9/10, ML4.4/4, Error ellipse: s-maj=38.3km s-min=16.9km az=77.0

ISC 21 11:59:39.7-0.7, 747S:006.12651E:007,h35km,n13, c072/18, mb3.9/6, Banda Sea

Code Station Name Az Az Phase ID Time Res h m s ISC
KAKA Kakadu 5.96 151 eP P 12 01 07.3 +1.0
KAKA Baunata 6.38 244 P P 12 02 15.2 -0.1
BATI Baunata 6.38 244 P P 12 01 15.7 +4.3

ISC 21 12:16:55.1-1.6, 380S:141.47E, h0km, mb3.6/5, mb1.3/9.6, mb1mx3.7/14, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=61.9km s-min=21.9km az=89.0

ISCJB 21 12:17:01.3-4.2, 139S:0.1x141E:03,h52km,35km, mb3.8/3, Error ellipse: s-maj=51.8km s-min=16.7km

ISC 21 12:17:13.9-2.8, 41S:01x1406E:02,h137km,26km,n9, c1506/10, mb3.6/3, Irian Jaya

Code Station Name Az Az Phase ID Time Res h m s ISC
KAKA Kakadu 11.76 223 eP P 12 17 57.0 -0.4
WB2 Warrungarra Arr 16.90 201 eP P 12 21 02.9 +0.6
WRA Warrungarra Arr 16.90 201 P P 12 21 00.3 -2.0

MAN 21 12:32:35, 1120N:12466E, h19km, mb4.7, ML3.6, MS3.5, 1C-3D, Leyte

Code Station Name Az Az Phase ID Time Res h m s ISC
OCLP Ormoc 0.16 198 eP P 12 32 39.1 +0.3
PLP Palo 0.32 96j P P 12 32 42.8 +0.9
PLP Palo i S P 12 32 48.7 +2.1

MAN 21 12:36:49, 1829N:12082E, h16km, mb4.0, ML2.8, MS2.5, 1D, Luzon

Code Station Name Az Az Phase ID Time Res h m s ISC
SIPP Brgy, Tapao 0.51 223j eP P 12 37 01.7 +2.6
SIPP Conner 0.59 137 eP P 12 37 12.3 -8.0
APYF Conner 0.59 137 eP P 12 37 01.1 +0.5

ISCJB 21 12:52:58.6-0.9, 492N:003.9751E:003,h10km,5km, mb5.2/162, MS5.0/59, Error ellipse: s-maj=5.3km

ISC 21 12:52:59.0-0.4, 504N:97.51E, h0km, mb4.9/33, mb1.4/9.34, mb1mx4.9/35, mbtmp4.9/34, ML4.1/1, MS4.6/19

ISC 21 12:53:02.0, 479N:97.53E, h41km, mb5.2, mb5.2, MS5.5, MS5.2

MOS 21 12:53:02.5-1.0, 505N:97.51E, h33km, mb5.3/66, MS4.9/19, Error ellipse: s-maj=9.1km s-min=4.4km az=116.3

NEIC 21 12:53:03.6-0.2, 500N:97.46E, h30km, mb5.1/62, Error ellipse: s-maj=8.1km s-min=4.9km az=223.0

NEIC Feilijij at Lhokseumawe

GCMT 21 12:53:03.6-0.2, 514N:97.72E, h12km, MW5.2/72, Moment Tensor Solution. s50.678; s72.125; Duration: 0

Code Station Name Az Az Phase ID Time Res h m s ISC
SIPP Brgy, Tapao 0.51 223j eP P 12 37 01.7 +2.6
SIPP Conner 0.59 137 eP P 12 37 12.3 -8.0
APYF Conner 0.59 137 eP P 12 37 01.1 +0.5

Table with columns: Call, Name, Frequency, Mode, Power, and other parameters. Includes stations like Collim, Wetzell, Werra, etc.

Table with columns: Call, Name, Frequency, Mode, Power, and other parameters. Includes stations like SMF, SFF, SFS, etc.

Table with columns: Call, Name, Frequency, Mode, Power, and other parameters. Includes stations like KAPI, WRA, WB2, etc.

B/JJ 21 13:03:17.6, 481S, 13407E, h5km, mb5.0, mb4.6, IDG 21 13:03:22.6, 0.6, 447S, 13356E, h0km, mb4.3/13, mb1.4/4.16, mb1mx4.4/18, mbtmp4.4/16, ML4.3/3, MS4.1/1, Ms1.4/1.1, ms1mx3.3/32, Error ellipse: s-maj=24.4km s-min=14.5km az=81.0

ISCJB 21 13:03:25.2, 0.5, 465S, 006E, 13348E, 007, h33km, mb4.2/16, Error ellipse: s-maj=10.5km s-min=7.7km az=25.1

ISC 21 13:03:27.3, 0.5, 465S, 006E, 13354E, 007, h35km, n23, r1514/24, mb4.2/16, Irian Jaya region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like Bati, Kapi, Wra, etc.

NEIC 21 13:04:00.3, 1730N, 10127W, h5km, MD4.1 (MEX), After MEX.

MEX 21 13:04:00.1 to 0.6, 1729N, 10127W, h5km, MD4.1, Near coast of Guerrero.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like ZIIG, CAIG, ACX, etc.

IDC 21 13:03:26.4, 16.0, 509S, 12684E, h516km, 111km, mb3.1/1, mb1.3/1.4, m1mx2.1/7.1, m1mx3.1/9.4, Error ellipse: s-maj=200.7km s-min=11.1km, Iaz=166.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like FITZ, WRA, ASAR, etc.

ORF 21 13:25:56.6, 930S, 7121W, h30km, mb6.6, DJA 21 13:26:38, 779S, 7148W, h386km, mb6.4/6, MOS 21 13:26:59, 7.0, 800S, 7126W, h599km, mb6.2/80, MS4.8/14, Error ellipse: s-maj=6.2km s-min=4.2km

21d 13h

baz=70.0
BUJ 21 13:27:02.4, 8.10s, 71.30W, h644km, mb5.8
ISCJB 21 13:27:02.4, 0.1, 8.06s, 0.02, 71.25W, 0.02, h623km,
mb6.1/286, Error ellipse: s-maj=3.0km s-min=2.0km
az=19.3
SZGRF 21 13:27:03.2, 8.54s, 70.67W, h626km, mb6.6, Western
Brazil
IDC 21 13:27:04.6, 0.4, 8.01s, 71.29W, h648km, 4km, mb5.3/26,
mb1 5.4/32, mb1mx5.4/32, mb2mx5.3/32, Error ellipse:
s-maj=6.5km s-min=4.6km az=72.0
GCMT 21 13:27:04.0, 1.808s, 71.30W, h638km, 1km, MW6/0.97,
Moment Tensor Solution: s97, c217, s72, c87, Duration:
2:5 Moment tensor: Scale 1019Nm; Mr-0.80c: 01;
Mw-0.02t: 01; Mw-0.89t: 02; Mw-0.38t: 01; Mw-0.03t: 01;
Mw-1.06t: 01; Best double couple: Mw 1.40900, 1018
NP1=14.00000, .821.00000, .lambda-.61.00000. NP2:
e=164.00000, s72.00000, lambda-100.00000. Principal axes:
T 1.4250, Plg26.0000, Azm262.0000; N -0.0310,
Plg10.0000, Azm167.0000; P -1.3930, Plg62.0000,
Azm59.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to mantle waves, cutoff=125s
NEIC 21 13:27:04.4, 0.3, 8.135s, 71.27W, h645km, 3km, mb6.2/149,
MW6.1 Error ellipse: s-maj=3.1km s-min=3.0km az=73.0,
Moment Tensor Solution: s97, c217, s72, c87, Duration:
1018Nm; Mr-0.87; Mw-0.27; Mw-0.14; Mw-0.05;
Mw-0.04; Mw-1.09; Best double couple: Mw 1.60000x1018
NP1=21.00000, .824.00000, .lambda-.51.00000. NP2:
e=160.00000, s71.00000, lambda-106.00000. Principal axes:
T 1.6500, Plg24.0000, Azm262.0000; N -0.1400,
Plg15.0000, Azm165.0000; P -1.5100, Plg61.0000,
Azm46.0000;
BGS 21 13:27:06.9, 7.32s, 71.20W, h645km, mb5.6
IGL 21 13:27:06.0, 7.98s, 71.13W, h632km, MS5.1
ISC 21 13:27:04.0, 0.1, 8.09s, 0.02, 71.21W, 0.02, h634km,
h641km, 2.1km, P-P, n1696, c076/1238, mb6.1/284,
237C-579D, Western Brazil

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, s, ISC. Lists various seismic stations and their associated data points.

2007 JUL

Main table of seismic events with columns: Code, Station Name, Time, Res, ISC, h, s, ISC. Lists numerous seismic events with their respective station codes and data.

734

Table of seismic events with columns: Code, Station Name, Time, Res, ISC, h, s, ISC. Lists seismic events with station codes and data, including some with non-standard station names like 'East Falkland'.

Table with multiple columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Rows include stations like JWFS Jewell Farm, CBKS Cedar Bluff, SCIA State Center, etc.

21d 13h

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like Saint Gilles, Djebel Mahoud, and various FM stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Stonyepath, XSO, LASF, and various FM stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPL, LPL, LPL, and various FM stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC, Sopron, Dobruska-Polom, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AGG Agios Georgios, Krupnik, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOF Joensuu, JOF Joensuu, etc.

Table with columns for location, coordinates, and status. Includes entries like MA2 Magadan, PETK Petropavlovsk, AKTO Aktyubinsk, etc.

Table with columns for location, coordinates, and status. Includes entries like MKAR Makanchi Array, JSH Shimamondy, FORT Forrest, etc.

Table with columns for location, coordinates, and status. Includes entries like SMLA Simla, CBLU Chichi jima, JIE Ise, etc.

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

Code Station Name Az Phase ID Time Res Code
KAPI Kappang 12.63 71 LR ISC 15 29 16.4
WRA Warrunganga Arr 27.77 115 P 15 25 55.1 +1.3

DJA 21 15:34:22.223S:6568W,h10km,mb6.5/4
GUC 21 15:34:49.9:1.2,2303S:6632W,h280km,mb5.7,MS5.0
ISCJB 21 15:34:51.4:0.1,2219S:003:6578W:002,h289km,
mb5.8/326,Error ellipse: s-maj=4.0km s-min=2.7km
az=20.0

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

Main table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like NINA, CCHI, BDFB, etc.

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

21d 15h

2007 JUL

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MCWV Basking Ridge, WCI Wyandotte Cave, RKT Rikitea, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like AAM Ann Arbor, NCB Newcomb, LON Lake Ozona, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like V19A Window Rock, Z15A Gila River Ind, Y16A Circle Bar, etc.

Table with columns: ID, Name, Location, Time, Altitude, Slope, Aspect, etc. Includes entries like V13A Grand Canyon W, LDFC Landfair, LDFC Cal Nev Ari, etc.

Table with columns: ID, Name, Location, Time, Altitude, Slope, Aspect, etc. Includes entries like BLG Laguna Peak, JLU Jordanelle, LRMCM Laurel Mountai, etc.

Table with columns: ID, Name, Location, Time, Altitude, Slope, Aspect, etc. Includes entries like SMMC Simmler, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

21d 15h

LKWY	comp=Z,79nm,1.0s,mb5.4	eP	pP	15 47 29.1 +2.5
LKWY		eSP	sP	15 47 57.7 +0.4
LKWY	Lake	77.97 329f	eP	15 46 20.5 +1.4
LKWY		ePP	pP	15 47 29.1 +2.5
LKWY		eSP	sP	15 47 57.7 +0.4
LKWY		emax	pmax	
PAE	comp=Z,79nm,1.0s,mb5.4	eP	pP	15 46 19.9 +0.1
PAE	Paea	77.98 256	eP	15 47 26.9 -0.4
PAE		77.98 256	eP	15 46 19.9 +0.1
PAE		ePP	pP	15 47 26.9 -0.4
PAE		emax	pmax	
M12A	comp=Z,7um,1.2s,mb7.3	P	P	15 46 19.8 +0.5
M12A	Wells	77.99 324	P	15 46 20.4 +0.4
PPT	Papeete	78.00 256	eP	15 46 20.3 +0.3
PPT		78.00 256	P	15 46 20.3 +0.3
N11A	comp=Z,235nm,1.1s,mb5.8,baz=102,slow=6.5,SNR=7.6	eP	pP	15 46 19.5 0.0
N11A	Elko Archery C	78.03 324	eP	15 46 19.5 -0.3
U04C	Hernandez Rese	78.07 317	eP	15 46 19.6 -0.3
U04C		78.07 317	P	15 46 19.6 -0.3
O10A	Cortez Mining,	78.09 323	eP	15 46 21.4 +1.6
YFT	Old Faithful	78.10 329f	eP	15 47 29.4 +2.1
YFT		78.10 329f	eP	15 47 57.6 -1.0
R07C	Lee Vining	78.11 320	eP	15 46 20.2 +0.2
R07C		78.11 320	P	15 46 20.6 +0.4
V03C	Hunter Liggett	78.12 317	eP	15 46 21.2 +0.8
V03C		78.12 317	P	15 47 29.7 +1.7
YNR	Norris Junctio	78.22 329	eP	15 47 57.6 -1.0
YNR		78.22 329	eP	15 46 21.3 +0.4
YNR		78.22 329	sP	15 47 30.0 +1.5
YNR		78.22 329	sP	15 47 57.6 -1.6
YNR		78.22 329	eP	15 46 22.1 +1.2
YNR	Madison River	78.32 329	eP	15 47 30.5 +1.9
YNR		78.32 329	eP	15 46 21.4 +0.1
YNR		78.32 329	P	15 46 21.5 +0.1
YNR		78.32 329	P	15 46 21.4 -0.1
YNR		78.32 329	P	15 46 21.3 -0.3
YNR		78.32 329	P	15 46 22.1 +0.5
YNR		78.32 329	P	15 46 22.0 +0.1
YNR		78.32 329	P	15 46 22.7 +0.8
YNR		78.32 329	P	15 46 22.8 +0.6
YNR		78.32 329	P	15 46 22.2 0.0
YNR		78.32 329	P	15 47 29.2 -0.6
YNR		78.32 329	P	15 56 00.6 +6.7
YNR		78.32 329	P	15 46 23.2 +0.9
YNR		78.32 329	P	15 46 22.6 +0.1
YNR		78.32 329	P	15 46 23.1 +0.5
YNR		78.32 329	P	15 46 22.7 +0.1
YNR		78.32 329	P	15 47 30.5 +0.3
YNR		78.32 329	P	15 47 59.5 -1.4
YNR		78.32 329	P	15 49 27.2 +2.0
YNR		78.32 329	P	15 47 27.2 +0.1
YNR		78.32 329	P	15 47 59.5 -1.4
YNR		78.32 329	P	15 49 27.2
YNR		78.32 329	P	15 46 23.6 +0.8
YNR		78.32 329	P	15 46 23.7 +0.8
YNR		78.32 329	P	15 47 33.7 +3.2
YNR		78.32 329	P	15 46 20.9 -2.6
YNR		78.32 329	P	15 47 31.5 +0.4
YNR		78.32 329	P	15 48 00.7 -1.0
YNR		78.32 329	P	15 46 23.8 +0.4
YNR		78.32 329	P	15 46 24.1 +0.4
YNR		78.32 329	P	15 46 24.9 +1.1
YNR		78.32 329	P	15 46 24.0 -0.2
YNR		78.32 329	P	15 47 31.3 -0.6
YNR		78.32 329	P	15 48 01.1 -1.5
YNR		78.32 329	P	15 46 24.0 -0.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.3 -0.4
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	16 09 27.2
YNR		78.32 329	P	15 46 34.3 +1.4
YNR		78.32 329	P	15 56 16.6 +1.9
YNR		78.32 329	P	15 46 32.2 +0.3
YNR		78.32 329	P	15 46 31.9 -1.5
YNR		78.32 329	P	15 47 38.9 -2.4
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 46 32.0 -1.4
YNR		78.32 329	P	15 46 31.9 -1.4
YNR		78.32 329	P	15 47 38.9 -2.3
YNR		78.32 329	P	15 48 08.9 -3.0
YNR		78.32 329	P	15 48 08.9 -3.0
YNR				

L04A	baz=83,SNR=28	82.39 321	↑P	P	15 46 42.5	-0.1
ECAB	Klamath Falls	82.46 44	↑P	P	15 46 46.5	+3.4
M02C	El Cabril comp=Z,348nm,1.4s,mb5.9	82.47 32	↑P	P	15 46 42.3	-0.8
PVIS	Callahan	82.52 40	↑P	P	15 46 43.0	-0.2
MTE	Viscu comp=Z,262nm,1.1s,mb5.9	82.52 41	↑P	P	15 46 43.6	+0.3
MTE	Manteigas	82.52 41	↑P	P	15 47 51.3	-0.3
MTE	Manteigas	82.52 41	↑P	P	15 56 41.9	+6.8
MTE	Manteigas	82.52 41	↑P	P	15 46 43.3	-0.1
F09A	S2 Ranch, Elgi comp=Z,148nm,0.7s,mb5.9	82.52 326	↑P	P	15 46 43.1	-0.2
I06A	Prineville baz=83,SNR=15	82.58 324	↑P	P	15 46 43.6	0.0
K04A	Chilquin baz=83,SNR=67	82.58 322	↑P	P	15 46 43.6	0.0
YBH	Yreka Blue Hor comp=Z,271nm,0.7s,mb5.2	82.59 321	↑P	P	15 46 42.2	-1.5
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 47 51.4	-0.6
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 48 20.7	-1.8
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 46 42.2	-1.5
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 47 51.4	-0.6
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 48 20.7	-1.8
YBH	Yreka Blue Hor	82.59 321	↑P	P	15 46 42.1	-1.6
D11A	Klaveano Farm, baz=83,SNR=49	82.64 328	↑P	P	15 46 43.1	-0.7
E10A	Myers Farm, Um baz=83,SNR=86	82.64 327	↑P	P	15 46 44.0	+0.1
H07A	Lands Inn, Kim baz=83,SNR=50	82.65 324	↑P	P	15 46 43.9	0.0
B13A	Whitefish baz=83,SNR=44	82.67 330	↑P	P	15 46 43.9	-0.1
FFC	Flin Flon comp=Z,137nm,1.3s,mb5.6	82.68 340	↑P	P	15 46 43.0	-0.8
FFC	Flin Flon	82.68 340	↑P	P	15 47 51.5	-0.6
FFC	Flin Flon	82.68 340	↑P	P	15 46 43.0	-0.8
FFC	Flin Flon	82.68 340	↑P	P	15 47 51.5	-0.6
J05A	Fort Rock baz=83,SNR=47	82.72 323	↑P	P	15 46 44.5	+0.2
ELOJ	Sierra Loja	82.75 45	↑P	P	15 46 45.1	+0.5
ELOJ	Sierra Loja	82.75 45	↑P	P	15 46 45.1	+0.5
MAW	Mawson comp=Z,104nm,1.2s,mb5.7	82.79 162	↑P	P	15 46 44.2	-0.2
MAW	Mawson	82.79 162	↑P	P	15 46 43.8	-0.5
MAW	Mawson	82.79 162	↑P	P	15 46 43.8	-0.6
EALB	Alboran comp=Z,279nm,0.6s	82.81 47	↑P	P	15 46 47.0	+2.1
JCC	Jacoby Creek comp=Z,1um,1.6s,mb6.4	82.82 319	↑P	P	15 46 43.7	-1.2
LNOR	Linton Mounta	82.82 326	↑P	P	15 46 43.8	-1.0
LNOR	Linton Mounta	82.82 326	↑P	P	15 46 44.3	-0.5
WALA	Waterton Lakes comp=Z,56nm,0.8s,mb5.4	82.91 330	↑P	P	15 46 44.4	-0.7
WALA	Zamans	82.91 39	↑P	P	15 47 53.8	+0.3
WALA	Zamans	82.91 39	↑P	P	15 48 23.0	-0.9
WALA	Zamans	82.91 39	↑P	P	15 50 23.3	+1.8
EZAM	Zamans	82.91 39	↑P	P	15 46 47.0	+1.7
EZAM	Zamans	82.91 39	↑P	P	15 46 47.0	+1.7
ELUO	Luque	82.91 45	↑P	P	15 46 46.3	+0.9
ELUO	Luque	82.91 45	↑P	P	15 46 46.3	+0.9
EGUA	Guajares	82.96 46	↑P	P	15 46 47.2	+1.6
EGUA	Guajares	82.96 46	↑P	P	15 46 47.2	+1.5
PCAB	Cabril comp=Z,431nm,1.2s,mb6.2	83.03 40	↑P	P	15 46 46.1	+0.2
F08A	Pendleton baz=83,SNR=9.2	83.03 326	↑P	P	15 47 55.7	+1.4
A13A	Flathead Natio baz=83,SNR=61	83.05 330	↑P	P	15 46 46.0	+0.1
EADA	Adamuz	83.06 44	↑P	P	15 46 46.6	+0.4
ELOB	Lobios	83.11 39	↑P	P	15 46 46.5	+0.2
D10A	Wagner Farm, O baz=83,SNR=55	83.11 327	↑P	P	15 46 45.4	-0.8
G07A	Ruggs Ranch, H baz=83,SNR=49	83.15 325	↑P	P	15 46 46.7	+0.3
H06A	Lindquist Farm baz=83,SNR=84	83.16 324	↑P	P	15 46 46.7	+0.2
KRMB	Red Mountain comp=Z,177nm,1.0s,mb5.8	83.17 320	↑P	P	15 46 46.6	-0.1
KRMB	Red Mountain	83.17 320	↑P	P	15 47 55.2	+0.1
KRMB	Red Mountain	83.17 320	↑P	P	15 48 24.4	-1.1
J04A	Umpqua Nationa baz=83,SNR=9.6	83.19 322	↑P	P	15 46 46.8	+0.1
ECOG	Cogollos-Vega comp=Z,117nm,1.0s,mb5.7	83.21 45	↑P	P	15 46 46.5	-0.4
ECOG	Cogollos-Vega	83.21 45	↑P	P	15 46 46.5	-0.4
EMAZ	Mazaricos comp=Z,117nm,1.0s,mb5.7	83.24 38	↑P	P	15 46 45.2	-1.8
B12A	Libby comp=Z,833nm,1.5s,mb6.3	83.27 329	↑P	P	15 46 45.8	-1.2
HUMO	Hull Mountain comp=Z,28nm,0.6s,mb5.3	83.28 321	↑P	P	15 46 46.7	-0.5
HUMO	Hull Mountain	83.28 321	↑P	P	15 47 54.7	-0.9
HUMO	Hull Mountain	83.28 321	↑P	P	15 48 23.6	-2.5
HUMO	Hull Mountain	83.28 321	↑P	P	15 46 45.6	-1.5
MVO	Mconcorvo comp=Z,171nm,1.3s,mb6.3	83.29 41	↑P	P	15 46 47.9	+0.6
MVO	Mconcorvo	83.29 41	↑P	P	15 47 53.8	-1.9
MVO	Mconcorvo	83.29 41	↑P	P	15 56 48.0	+5.1
I05A	Bend baz=84,SNR=12	83.30 323	↑P	P	15 46 47.6	+0.3
L02A	Cave Junction baz=84,SNR=17	83.38 321	↑P	P	15 46 47.7	0.0
EBER	Berja comp=Z,3um,3.6s	83.44 46	↑P	P	15 46 52.1	+4.0
STS	Santiago comp=Z,99nm,0.7s,mb5.6	83.45 38	↑P	P	15 46 47.5	-0.5
STS	Santiago	83.45 38	↑P	P	15 46 47.6	-0.4
EBAN	Banos Encina comp=Z,98nm,0.7s,mb5.8	83.47 44	↑P	P	15 46 49.4	+0.7
EBAN	Banos Encina	83.47 44	↑P	P	15 46 49.4	+0.7
H05A	Madras comp=Z,473nm,1.1s,mb6.2	83.59 324	↑P	P	15 46 48.9	+0.2
B11A	Sandpoint baz=84,SNR=5.9	83.62 329	↑P	P	15 46 48.0	-0.8
A12A	Yaak River Ran baz=84,SNR=21	83.63 329	↑P	P	15 46 47.4	-1.3
D09A	Jones Farm, Ri baz=84,SNR=56	83.64 327	↑P	P	15 46 47.1	-1.8
E08A	Dider Farm, El baz=84,SNR=6.3	83.64 326	↑P	P	15 46 48.2	-0.7
G06A	Carlson Farm, baz=84,SNR=22	83.65 324	↑P	P	15 46 48.8	-0.2
C10A	Spilker Farm, baz=84,SNR=4	83.65 328	↑P	P	15 46 48.3	+0.6
ODJ1	Dzioune baz=84,SNR=4	83.69 48	↑P	P	15 46 56.0	+6.6
K02A	Glendale baz=84,SNR=4	83.69 321	↑P	P	15 46 48.3	-0.9
F07A	Phinny Hill Vi baz=84,SNR=4	83.70 325	↑P	P	15 46 49.0	-0.2
REDWA	Red Mountain baz=84,SNR=6.3	83.71 326	↑P	P	15 46 48.8	+0.6
I04A	Tendick Farm, baz=84,SNR=10	83.71 323	↑P	P	15 46 48.5	-0.8
J03A	Ideyld Park baz=84,SNR=20	83.76 322	↑P	P	15 46 50.0	+0.4

KBO	Bosley Butte	83.78 320	↑P	P	15 46 50.5	+0.7
KBO	Bosley Butte	83.78 320	↑P	P	15 47 59.3	+1.0
HAWA	Hanford	83.82 326	↑P	P	15 48 26.8	-1.9
HAWA	Hanford	83.82 326	↑P	P	15 46 49.7	-0.1
HAWA	Hanford	83.82 326	↑P	P	15 47 58.9	+0.6
HAWA	Hanford	83.82 326	↑P	P	15 48 26.9	-1.9
EQES	Quesada comp=Z,274nm,1.4s,mb5.3	83.85 40	↑P	P	15 46 48.7	-1.4
PBRG	Braganca comp=Z,657nm,1.0s,mb6.4	83.85 40	↑P	P	15 46 50.4	+0.3
PBRG	Rattlesnake Hi	83.85 326	↑P	P	15 48 00.0	+1.4
RSW	Rattlesnake Hi	83.85 326	↑P	P	15 46 50.9	+0.6
RSW	Rattlesnake Hi	83.85 326	↑P	P	15 47 57.9	-0.6
NEW	Newport comp=Z,277nm,0.8s,mb5.1	83.86 328	↑P	P	15 46 48.5	-1.4
NEW	Newport	83.86 328	↑P	P	15 47 58.0	-0.5
NEW	Newport	83.86 328	↑P	P	15 48 26.8	-2.2
NEW	Newport	83.86 328	↑P	P	15 46 49.4	-0.6
ECAL	Calabor comp=Z,277nm,0.8s	83.94 40	↑P	P	15 46 51.1	+0.6
B10A	Chilwood Farm, baz=84,SNR=52	83.94 328	↑P	P	15 46 49.3	-1.0
ENIJ	Nijar	83.94 46	↑P	P	15 46 50.8	+0.1
ENIJ	Nijar	83.94 46	↑P	P	15 46 50.8	+0.1
ENIJ	Nijar	83.94 46	↑P	P	15 46 50.8	+0.1
D08A	Wollman Farm, baz=84,SNR=52	83.97 327	↑P	P	15 46 50.3	-0.1
ERUA	La Rua comp=Z,282nm,0.8s,mb5.2	83.97 39	↑P	P	15 46 51.1	+0.5
ERUA	La Rua	83.97 39	↑P	P	15 46 51.1	+0.5
A11A	Hall Mountain, baz=84,SNR=47	83.98 329	↑P	P	15 46 49.6	-0.9
FCC	Fort Churchill comp=Z,116nm,0.6s,mb5.9	84.02 346	↑P	P	15 46 50.1	-0.3
FCC	Fort Churchill	84.02 346	↑P	P	15 47 57.8	-1.3
FCC	Fort Churchill	84.02 346	↑P	P	15 48 27.6	-1.9
FCC	Fort Churchill	84.02 346	↑P	P	15 46 50.8	+0.3
G05A	Warm comp=Z,120nm,0.6s,mb5.9	84.02 324	↑P	P	15 46 50.5	-0.3
OD2	Odessa Site #2	84.06 327	↑P	P	15 46 51.0	0.0
F06A	Goldendale	84.07 325	↑P	P	15 46 51.0	-0.1
E07A	Sunnyside baz=84,SNR=10	84.10 326	↑P	P	15 46 51.3	+0.1
J02A	Umpqua baz=84,SNR=18	84.11 322	↑P	P	15 46 51.0	-0.3
C09A	Chrisman Ranch comp=Z,409nm,1.2s,mb5.4	84.12 327	↑P	P	15 46 51.1	-0.1
H04A	Detroit Lake baz=84,SNR=13	84.14 323	↑P	P	15 46 50.6	-0.8
EHUE	Huescar comp=Z,173nm,1.1s,mb5.8	84.15 45	↑P	P	15 46 51.1	-0.5
EHUE	Huescar	84.15 45	↑P	P	15 46 51.2	-0.5
EHUE	Huescar	84.15 45	↑P	P	15 46 51.2	-0.5
EHUE	Huescar	84.15 45	↑P	P	15 46 51.2	-0.5
KEBM	Edson Butte	84.24 321	↑P	P	15 46 52.5	+0.5
KEBM	Edson Butte	84.24 321	↑P	P	15 48 00.3	-0.3
HOOD	Mount Hood Mea	84.25 324	↑P	P	15 46 51.3	-0.7
HOOD	Mount Hood Mea	84.25 324	↑P	P	15 48 01.8	+1.2
I03A	Eugene	84.31 322	↑P	P	15 46 51.6	-0.7
ESDC	Sonsec Array comp=Z,250nm,1.5s,mb5.8	84.31 43	↑P	P	15 46 52.3	-0.1
ESDC	Sonsec Array	84.31 43	↑P	P	15 46 52.8	+0.4
ESDC	Sonsec Array	84.31 43	↑P	P	15 48 01.1	0.0
ESLA	Sonsec Array	84.31 43	↑P	P	15 46 52.5	0.0
ESLA	Sonsec Array	84.31 43	↑P	P	15 47 59.5	-1.6
B09A	Rice baz=85,SNR=52	84.47 328	↑P	P	15 46 52.4	-0.6
C08A	Higginbotham F baz=85,SNR=7.5	84.49 327	↑P	P	15 46 52.6	-0.5
F05A	White Salmon baz=85,SNR=15	84.51 325	↑P	P	15 46 53.0	-0.3
EPON	Pontenoa comp=Z,1um,1.4s,mb6.6	84.53 39	↑P	P	15 46 53.7	+0.3
A10A	Norharr baz=85,SNR=25	84.57 329	↑P	P	15 46 52.5	-0.9
D07A	Quincy baz=85,SNR=51	84.57 326	↑P	P	15 46 53.9	+0.4
G04A	Mullins baz=85,SNR=6.6	84.63 324	↑P	P	15 46 53.2	-0.7
EVIA	Vianos comp=Z,177nm,1.0s,mb5.8	84.67 45	↑P	P	15 46 54.7	+0.5
EVIA	Vianos	84.67 45	↑P	P	15 46 54.7	+0.5
E06A	Yakima baz=85,SNR=33	84.67 325	↑P	P	15 46 52.3	-1.8
COR	Corvallis comp=Z,233nm,1.4s,mb5.8	84.70 323	↑P	P	15 46 53.8	-0.4
COR	Corvallis	84.70 323	↑P	P	15 48 04.1	+1.2
COR	Corvallis	84.70 323	↑P	P	15 46 55.0	+0.7
GUD	Guadarrama comp=Z,230nm,1.4s,mb5.8	84.75 42	↑P	P	15 46 55.5	+0.9
GUD	Guadarrama	84.75 42	↑P	P	15 46 55.5	+0.9
GUD	Guadarrama	84.75 42	↑P	P	15 46 55.5	+0.9
GUD	Guadarrama	84.75 42	↑P	P	15 46 55.5	+0.9
OJBR	Djebel Berber comp=Z,236nm,0.9s,mb6.0	84.93 48	↑P	P	15 47 01.0	+5.4
C07A	Waterville baz=85,SNR=115	84.94 327	↑P	P	15 46 55.0	-0.3
B08A	Colville Reser baz=85,SNR=24	85.02 327	↑P	P	15 46 54.7	-1.0
D06A	Cle Elum baz=85,SNR=24	85.03 326	↑P	P	15 46 55.7	-0.1
ETW	Entiat	85.03 326	↑P	P	15 46 55.8	0.0
ETW	Entiat					

Table with columns: ROSF, Hostrenen, 89.67, 36, eP, P, 15 47 16.9 -1.0. Rows include Carcaniers, Kef-Lekher, Fillole, Saint Gilles, Mirnyy, etc.

Table with columns: SMF, Signal de Mont, 92.85, 40, eP, P, 15 47 32.0 -0.7. Rows include Signal de Mont, Yellowknife Ar, Saint Saulge, etc.

Table with columns: XSO, Roubroche Farm, 94.23, 31, eP, P, 15 47 38.0 -0.7. Rows include Roubroche Farm, Eishghbrachaidh, MDO, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Furstenfeldbrunn, Timpagrande, Abfaltersbach, Grafenberg, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CLL, CLL, CLL, CLL, CLL, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like VAM, SKO, KOL, KOL, KOL, etc.

21d 15h

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KIS Kishinev, IMA2 Indian Mountain, KASAG Malin Array Be, etc.

2007 JUL

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like BILL comp=Z,16nm,0.7s, SMY Shemya, FORT Forrest, etc.

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Table with columns for station name, frequency, power, and various technical parameters. Includes stations like CLNS Chul'man, CLNS comp=N,37nm,0.9s, DLH Dalhousie, etc.

Table with columns for station names (e.g., CN2, LSA, SHL), coordinates, and various data points. Includes a sub-section for Kuril Islands.

Table with columns for station names (e.g., GYA, GYA, GYA), coordinates, and various data points. Includes a sub-section for Kuril Islands.

KRSR 21 15:38:16.8:1.7, 4981N-15589E, h107km, 99km, ML3.8, Kuril Islands. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 21 16:02:16, 1023N-12526E, h38km, mb3.7, ML2.5, MS2.0, 1C, Leyte. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

RSPR 21 16:11:28.1, 2006N-7026W, h86km, 4km, MD4.2/3, MD4.2/3, C, Dominican Republic region. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 21 16:21:29.9:0.9, 2134S-6808W, h119km, 20km, mb3.5/1, mb1 3.3/4, mb1mx3.2/18, mbtmp3.2/4, Error ellipse: s-maj=49.4km s-min=10.6km az=102.0, Chile-Bolivia border region. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 21 16:27:38.2:19.0, 475S-12867E, h236km, 210km, mb3.3/1, mb1 3.0/4, mb1mx3.8/17, mbtmp2.9/4, ML3.4/2, Error ellipse: s-maj=137.7km s-min=47.1km az=44.0, Banda Sea. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 21 16:27:58.5:1.6, 5370N-163.17E, h0km, mb3.4/4, mb1 3.7/6, mb1mx3.4/23, mbtmp3.5/6, ML3.8/2, MS3.0/1, Ms1 3.0/1, ms1mx2.2/20, Error ellipse: s-maj=72.7km s-min=23.8km az=162.0. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

KRSR 21 16:38:04.0:0.1, 5520N-161.34E, h102km, 41km, ML4.1, MOS 21 16:38:04.9:0.7, 5518N-161.39E, h93km, mb3.3/1, Error ellipse: s-maj=32.0km s-min=10.2km az=75.1, ISCJB 21 16:38:05.2:0.5, 5518N-161.35E, h96km, 5km, mb3.1/4, Error ellipse: s-maj=7.9km s-min=3.9km az=11.5, ISC 21 16:38:06.2:0.5, 5519N-161.36E, h91km, 5km, n38, -0876/61, mb3.1/4, Near east coast of Kamchatka. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

SRKR Sorokina 1.48 356 eP Pn 16 38 31.5 -0.1, SRKR KIL Karymskiy 1.60 225 eP Sn 16 38 51.1 +0.2, SRKR SPN Mys Shipunski 2.24 201 eP Pn 16 38 40.0 -0.8, etc.

IDC 21 16:40:03.2:3.5, 2067S-16817E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.7/15, mbtmp3.9/3, Error ellipse: s-maj=150.9km s-min=42.5km az=153.0, Loyalty Islands. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

ISCJB 21 16:50:56.3:0.7, 838S-009.1231E, 01, h187km, 7km, mb3.3/15, Error ellipse: s-maj=21.2km s-min=7.1km az=142.2, NEIC 21 16:50:57.0:0.9, 844S-122.97E, h169km, 10km, mb4.2/9, Error ellipse: s-maj=18.3km s-min=6.5km az=54.0, etc.

IDC 21 16:50:57.3:0.7, 838S-009.1230E, 01, h174km, 7km, n34, 081/143, mb4.3/15, Flores region. Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes various station entries like BATI Baunata, KAPI Kappang, etc.

ISC 21:17:00:22.9.0.7, 28S.01x361E.02, h10km, n12, o1914/15, mb3.7/6, Tanzania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMBO Kilima Mbogo, LSZ Lusaka, MATP Matopo, etc.

ISC/JB 21:17:04:16.4.0.9, 27S.03x360E.04, h10km, mb4.0/4, Error ellipse: s-maj=70.1km s-min=8.3km az=30.6

IDC 21:17:04:17.0.1.4, 27S.03x360E, h0km, mb4.0/4, mb1 4.3/6, mb1mx3.7/23, mbtmp3.2/6, ML4.1/2, Error ellipse: s-maj=68.1km s-min=16.2km az=123.0

NEIC 21:17:04:18.0.1.2, 26S.3x360E, h10km, Error ellipse: s-maj=84.8km s-min=9.4km az=124.0

ISC 21:17:04:18.1.0.8, 27S.03x361E.04, h10km, n13, o0811/13, mb4.0/4, Tanzania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMBO Kilima Mbogo, LSZ Lusaka, MATP Matopo, etc.

ISC/JB 21:17:04:41.9.0.6, 27S.008x360E.01, h10km, mb3.9/9, Error ellipse: s-maj=16.4km s-min=8.7km az=28.7

IDC 21:17:04:42.0.0.9, 27S.3619E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.8/21, mbtmp3.9/14.0/1, Error ellipse: s-maj=27.0km s-min=13.5km az=127.0

NEIC 21:17:04:43.0.0.6, 27S.3619E, h10km, mb4.1/2, Error ellipse: s-maj=19.3km s-min=11.0km az=118.0

ISC 21:17:04:43.8.0.6, 27S.007x361E.01, h10km, n13, o0810/15, mb3.9/9, Tanzania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMBO Kilima Mbogo, LSZ Lusaka, MATP Matopo, etc.

IDC 21:17:05:50.8.2.0, 67AS.12875E, h0km, mb3.6/1, mb1 3.8/3, mb1mx3.4/14, mbtmp3.6/3, ML3.8/2, Error ellipse: s-maj=109.0km s-min=31.6km az=67.0, Banda Sea

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

ISC/JB 21:17:34.7.0.7, 70S.005x12668E.007, h400km, gkm, mb4.1/27, Error ellipse: s-maj=12.5km s-min=6.3km az=149.9

BUI 21:17:34.3.731S, 12704E, h428km, mb4.6, mb4.2

IDC 21:17:37.35.1.3, 70S.12661E, h388km, 15km, mb3.6/10, mb1 3.7/14, mb1mx3.6/18, mbtmp3.6/14, Error ellipse: s-maj=21.1km s-min=9.3km az=75.0

NEIC 21:17:36.1e.0.7, 70S.12662E, h400km, gkm, mb4.4/17, Error ellipse: s-maj=13.0km s-min=6.1km az=62.0

DJA 21:17:37.709S, 12670E, h380km, mb4.7/11

ISC 21:17:35.9.0.7, 70AS.006x12660E.009, h392km, gkm, n45, o098/52, mb4.1/27, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BATI Baumata, KAPI Kappang, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

IDC 21:17:19:38.9S.1.3, 308S.12627E, h44km, 58km, mb3.7/6, mb1 4.0/8, mb1mx3.8/17, mbtmp3.9/8, ML4.3/2, Error ellipse: s-maj=37.6km s-min=17.3km az=55.0

ISC/JB 21:17:19:39.3S.3.1S.0.1x1262E.01, h72km, 36km, mb4.1/8, Error ellipse: s-maj=24.4km s-min=11.9km az=137.7

NEIC 21:17:19:40.3z.2.7, 303S.12629E, h62km, 27km, mb4.6/4, Error ellipse: s-maj=24.9km s-min=9.2km az=58.0

ISC 21:17:19:40.5z.2.1S.0.1x1262E.01, h64km, 31km, n15, o093/16, mb4.1/8, Buru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KAPI Kappang, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

IDC 21:17:22:55.7.1.6, 258S.12715E, h0km, mb4.0/3, mb1 4.3/5, mb1mx3.8/17, mbtmp4.2/5, ML4.2/2, Error ellipse: s-maj=103.5km s-min=23.0km az=67.0

ISC/JB 21:17:22:58.3z.1.4, 26S.02x1273E.04, h33km, mb4.0/3, Error ellipse: s-maj=58.1km s-min=18.8km az=159.4

ISC 21:17:23:00.9z.1.4, 26S.02x1273E.04, h35km, n7, o052/7, mb4.0/3, Ceram Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FITZ Fitzroy Crossi, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

IDC 21:17:43:44.8.1.8, 022S.12275E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/16, mbtmp3.5/3, Error ellipse: s-maj=253.8km s-min=26.6km az=61.0, Minahassa Peninsula, Sulawesi

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

IDC 21:17:51:37.7z.2.0, 257S.12720E, h0km, mb3.9/2, mb1 4.2/4, mb1mx3.7/17, mbtmp4.0/4, ML4.0/2, MS4.1/1, MS1 4.0/1, ms1mx2.8/23, Error ellipse: s-maj=148.9km s-min=23.8km az=69.0, Ceram Sea

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

IDC 21:17:55:32.8.0.9, 2169S.16992E, h0km, mb4.3/11, mb1 4.1/16, mb1mx3.4/16, mbtmp4.3/11, MS4.0/8, MS1 4.1/8, ms1mx3.7/33, Error ellipse: s-maj=29.1km s-min=6.2km az=128.0

NEIC 21:17:55:34.0.3, 2165S.16993E, h10km, mb4.7/12, MS4.6/1, Error ellipse: s-maj=12.4km s-min=9.8km az=134.0

BGS 21:17:55:34.3z.4.1, 2165S.16993E, h10km, mb4.7(NEIC)

BUI 21:17:55:34.3z.2160S.16990E, h10km, mb4.9, mb4.9, Ms4.7, Ms2.5

ISC/JB 21:17:55:34.7z.0.5, 2169S.16979E.007, h20km, mb4.5/25, MS4.2/6, Error ellipse: s-maj=11.7km s-min=9.7km az=158.5

SZGRF 21:17:55:38.4z.2142S.16991E, h33km, Southeast of Loyalty Islands

ISC 21:17:55:36.8.0.5, 2169S.008x16978E.008, h21km, h21km, h21km, n16, o098/39, mb4.5/25, MS4.2/6, 9C-5D, Southeast of Loyalty Islands

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

ISC 21:17:55:36.8.0.5, 2169S.008x16978E.008, h21km, h21km, h21km, n16, o098/39, mb4.5/25, MS4.2/6, 9C-5D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, RAU Raoul Island, etc.

IDC 21:17:19:38.9S.1.3, 308S.12627E, h44km, 58km, mb3.7/6, mb1 4.0/8, mb1mx3.8/17, mbtmp3.9/8, ML4.3/2, Error ellipse: s-maj=37.6km s-min=17.3km az=55.0

ISC/JB 21:17:19:39.3S.3.1S.0.1x1262E.01, h72km, 36km, mb4.1/8, Error ellipse: s-maj=24.4km s-min=11.9km az=137.7

NEIC 21:17:19:40.3z.2.7, 303S.12629E, h62km, 27km, mb4.6/4, Error ellipse: s-maj=24.9km s-min=9.2km az=58.0

ISC 21:17:19:40.5z.2.1S.0.1x1262E.01, h64km, 31km, n15, o093/16, mb4.1/8, Buru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KAPI Kappang, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

Table with columns for station codes (e.g., SNA, VNA, NVAR) and their associated details like frequency, power, and status.

Table with columns for station codes (e.g., SSF, LPL, LPG) and their associated details like frequency, power, and status.

NEIC 21 18:07:45.3, 3161S-6971W, h142km, MD3.7(GUC), After GUC

Table with columns for station codes (e.g., CMCH, JACH, CHNG) and their associated details like frequency, power, and status.

IDC 21 18:17:34.9-8.0, 717S-12963E, h206km, 85km, mb3.1/1, s-maj=79.3km s-min=25.1km az=41.0, Banda Sea

Table with columns for station codes (e.g., BATI, BATH) and their associated details like frequency, power, and status.

IDC 21 18:56:4.0, 4559N-1077W, 14334E, 009, h334km, 4km, mb3.3/4, Error ellipse: s-maj=11.1km s-min=10.0km az=42.2

Table with columns for station codes (e.g., JMA, IDC) and their associated details like frequency, power, and status.

Table with columns for station codes (e.g., JAR, JFR, JAK) and their associated details like frequency, power, and status.

IDC 21 18:09:09.6, 3.0, 4.10N-9645E, h0km, mb3.4/3, mb1.3/6/4, mb1mx3.2/0, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=126.0km s-min=25.4km az=60.0

ISCJB 21 18:23:15.8, 1.5, 4.3N-02-967E, 0.2, h56km, 17km, mb3.3/3, Error ellipse: s-maj=37.9km s-min=12.3km az=39.7

ISC 21 18:23:16.4, 1.6, 4.2N-02-967E, 0.2, h45km, 19km, n6, az=65377, mb3.3/3, 1D, Northern Sumatra

Table with columns for station codes (e.g., BSI, BSI) and their associated details like frequency, power, and status.

IDC 21 18:52:01.7, 0.8, 280S-13046E, h0km, mb4.2/8, mb1.4/3/10, mb1mx4.2/17, mbtmp4.3/10, ML4.3/2, MS3.5/3, M=1.5, 1.3, ms1mx3.2/18, Error ellipse: s-maj=31.0km s-min=15.0km az=62.0

ISCJB 21 18:52:03.4, 1.3, 305S-006-13035E, 0.09, h33km, 11km, mb4.5/23, MS3.7/3, Error ellipse: s-maj=16.9km s-min=5.8km az=149.5

NEIC 21 18:52:03.7, 3.11S-12999E, h19km, 4.7km, mb4.6/15, Error ellipse: s-maj=21.3km s-min=10.7km az=46.0

BUI 21 18:52:04.1, 2.45S-13005E, h5km, mb4.8, mb4.3, Ms4.2, Ms2.1

ISC 21 18:52:07.1, 1.1, 316S-006-13016E, 0.09, h53km, 10km, n45, r17/51, mb4.5/23, MS3.7/3, Seram

Table with columns for station codes (e.g., MSAI, AAJ) and their associated details like frequency, power, and status.

IDC 21 18:17:34.9-8.0, 717S-12963E, h206km, 85km, mb3.1/1, s-maj=79.3km s-min=25.1km az=41.0, Banda Sea

Table with columns for station codes (e.g., BATI, BATH) and their associated details like frequency, power, and status.

IDC 21 18:56:4.0, 4559N-1077W, 14334E, 009, h334km, 4km, mb3.3/4, Error ellipse: s-maj=11.1km s-min=10.0km az=42.2

Table with columns for station codes (e.g., KMI, KMI) and their associated details like frequency, power, and status.

21d 18h

CD2	comp=Z,20nm,5.8s	LR	LR		
CD2	comp=N,200nm,14.2s	LR	LR		
TAU	comp=Z,150nm,12.0s,MS4.1 Tasmania Unive 42.43 161 P	P	P	18 59 52.8	-4.5
LZH	comp=Z,46nm,1.4s,mb4.9	eP	P	19 00 30.8	+3.8
LZH	comp=Z,17nm,1.3s,mb4.8	AMB	AMB		
LZH	comp=Z,89nm,4.8s	AMB	AMB		
GTA	Goatai 50.73 330 eP	eP	P	19 01 01.5	-0.8
GTA		eP	P	19 01 03.8	-7.7
GTA		XP	sP	19 01 12.3	-10
GTA		AMB	AMB		
SOMNI	comp=Z,3.0nm,0.9s,mb4.2 Sungino Array 54.88 341 P	P	P	19 01 32.9	+0.1
URZ	comp=Z,1.0nm,0.7s,mb4.0,baz=149,slo=6.7,SNR=9.9 Ureware 55.22 136 P	P	P	19 01 36.7	+1.2
WMQ	comp=Z,3.5nm,0.3s,mb4.9,baz=320,slo=14,SNR=7.0 Urumqi 60.31 326 eP	eP	P	19 02 11.5	+0.5
CASY	Casey 64.50 189 P	P	P	19 02 39.7	+1.1
MKAR	comp=Z,4.5nm,0.6s,mb4.7 Makanchi Array 65.14 326 P	P	P	19 02 42.8	-0.3
KURK	comp=Z,0.6nm,0.4s,mb4.0,baz=116,slo=8.2,SNR=10 Kurchatov 69.36 328 eP	eP	P	19 03 09.2	-0.6
BRVK	comp=Z,7.0nm,0.8s,mb4.2 Borovoy 75.30 327 eP	eP	P	19 03 04.6	-2.9
VNDA	comp=Z,2.6nm,0.8s,mb4.2 Vanda 76.22 173 P	P	P	19 03 54.8	+4.8
ARU	comp=Z,0.6nm,0.7s,mb4.3,baz=308,slo=5.9,SNR=5.1 Arti 82.56 328 eP	eP	P	19 04 24.0	-0.8
QRN	comp=Z,3.8nm,1.0s,mb4.4 Al-Qurain 84.72 299 eP	eP	P	19 04 39.6	+3.1
QRN	baz=237	AMB	AMB	19 04 40.6	
MIB	comp=Z,25nm,1.3s,mb5.2,baz=237 Mutribah 85.33 390 eP	eP	P	19 04 39.9	+0.3
MIB	baz=245	AMB	AMB	19 04 44.8	
NAY	comp=Z,9.0nm,1.6s,mb4.7,baz=245 Al-Naaim 85.36 300 eP	eP	P	19 04 39.8	+0.1
NAY	baz=238	AMB	AMB	19 04 40.5	
QSPA	comp=Z,9.0nm,1.0s,mb4.8,baz=238 South Pole Qui 86.79 180 eP	eP	P	19 04 46.1	+0.3
QSPA	comp=Z,7.0nm,1.3s,mb4.5				

SZGRF 21 18:58:06.4, 088S:7629W, h33km, mb5.4, Ecuador
IGQ 21 18:58:09.4, 175S:7816W, h184km, 3km, MD4.9, MS4.8,
Error ellipse: s-maj=2.7km s-min=1.1km az=06.5
MOS 21 18:58:11.0,0.0,6, 156S:7806W, h151km, mb5.1/83
MS4 1/4, Error ellipse: s-maj=6.3km s-min=4.8km az=77.5
ISCJB 21 18:58:12.7,0.1, 156S:0D3:7806W,02, h167km,
mb4.9/230, Error ellipse: s-maj=4.2km s-min=2.5km
az=27.1
BUJ 21 18:58:12.5, 089S:7795W, h153km, mb5.1
IDD 21 18:58:13.3,0.4, 158S:7798W, h160km, 3km, mb4.5/22,
mb1.4/7/28, mb1mx4/7/29, mbtmp4/6/28, MS3/8/8,
Ms1.3/8/8, ms1mx3.4/27, Error ellipse: s-maj=11.1km
s-min=6.6km az=68.0
NEIC 21 18:58:13.8,0.1, 159S:7803W, mb5.0/176, MD4.8(IGQ),
Error ellipse: s-maj=4.1km s-min=2.6km az=208.0
NEIC Feit in parts of E1 330 and Loja
GCMT 21 18:58:13.8,0.4, 166S:7830W, h159km, 4km, MW5.2/72,
Moment Tensor Solution, s16,c18; s72,c108; Duration:
t=0 Moment tensor: Scale 10¹⁷Nm; Mr=0.59; 0.3;
Mw=0.25; 0.4; M=0.34; 0.5; Mw=0.35; 0.2; Mw=0.34; 0.3;
M=0.53; 0.4; Best double couple: Mo0.88200x10¹⁷
NP1.3=132.00000, s23.00000, lambda=101.00000, NP2:
e=325.00000, s68.00000, lambda=85.00000. Principal axes:
T 0.9040, Plg23.0000, Azm51.0000; N -0.0460,
Plg4.0000, Azm143.0000; P -0.8600, Plg67.0000,
Azm243.0000; nstai refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
BGS 21 18:58:18.7,0.1, 040S:7796W, h167km, mb5.1
ISC 21 18:58:14.7,0.2, 152S:003:7795W,002, h169km,
h169km, 4km, pP-P, P, n22, c0672/833, mb4.9/230,
236C-190D, Ecuador

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ULBA	Ulba	0.46	279	Op	18 58 34.8	-3.3
PATA	Patacocha	0.49	253	Pn	18 58 34.0	-3.2
RUNS	Runtun	0.48	283	Pn	18 58 34.9	-3.3
RETU	Refugio	0.50	278	Pn	18 58 35.1	-3.1
ARRY	Arrayan	0.51	272	Pn	18 58 34.6	-3.6
JUI6	Juive	0.53	281	Pn	18 58 35.0	-3.4
BILB	Tungurahua vol	0.56	279	Pn	18 58 35.2	-3.3
PISA	Playama	0.63	317	Pn	18 58 36.7	-2.2
IGUA	Iguatala	0.69	273	Pn	18 58 36.0	-3.2
TAMB	Tambo	0.92	333	Pn	18 58 39.4	-1.4
VC1	Cotopaxi 1	0.98	333	Pn	18 58 39.9	-1.4
CAMI	Rancho Maria	1.01	327	Pn	18 58 39.6	-1.8
ANTI	Antisana	1.09	349	Pn	18 58 41.1	-1.1
LAV3	Lava3-Reventad	1.45	13	Pn	18 58 44.7	-0.6
CONE	Cono NE Rev Vo	1.48	12	Pn	18 58 45.2	-0.3
GGP	Refugio Guagua	1.49	334	Pn	18 58 44.1	-1.6
TERV	Terraza Guagua	1.49	334	Pn	18 58 44.2	-1.5
PINO	Pino	1.51	334	Pn	18 58 44.3	-1.5
YANA	Yana	1.53	346	Pn	18 58 44.4	-1.7
CAYR	Refugio Cayamb	1.53	358	Pn	18 58 45.8	-0.3
CAYA	Cayambe	1.58	359	Pn	18 58 46.5	-0.2
OTAV	Otavalo	1.82	344	ePn	18 58 47.5	-1.6
COTA	Cotacachi	1.89	348	Pn	18 58 49.1	-0.7
CHIS	Cerro-Chispas-	2.81	280	Pn	18 58 54.5	-6.1
CHIS		2.81	280	Pn	18 58 56.0	-1.0
ATAH	Atahualpa	5.46	185	Pn	18 59 33.5	-1.0
ATAH		198m, 0.3s, baz=7.9, slo=8.7, SNR=616				
ATAH	832nm, 0.3s, baz=320, slo=16, SNR=18	S	Sn	19 00 33.4	-3.8	
ROSC	El Rosal	7.29	20	ePn	18 59 58.4	-0.3
ROSC	El Rosal	7.29	30	Pn	18 59 58.1	-0.7
ROSC	16nm, 0.3s, baz=253, slo=2.0, SNR=13					
NNA	Nana	10.46	174	Pn	19 00 37.5	-2.9
NNA	Sum, 0.4s, SNR=37					
NNA	Nana	10.46	174	ePn	19 00 36.6	-3.8
NNA				19 02 19.0	-1.8	
NNA	Nana	10.46	174	Pn	19 00 37.1	-3.3
NNA	27nm, 0.3s, baz=337, slo=12, SNR=34					
BCIP	Isla Barro Col	10.78	350	ePn	19 00 22.6	-1.4
BCIP				19 00 44.0	-4.0	
PAYG	Puerto Ayora	12.36	274	Pn	19 01 01.6	-3.6
PAYG	17nm, 1.6s					
PAYG				19 01 08.9		
SDV	Santo Domingo	12.65	35	Pn	19 01 08.9	0.0
SDV	10nm, 0.3s, baz=251, slo=8.0, SNR=44					
SDV	comp=Z,432nm,20.2s, baz=218, slo=38	LR	LR	19 06 13.5		
ARE	Arequipa	16.15	157	eP	19 01 50.4	+1.6
LPAZ	La Paz	17.57	147	eP	19 02 08.3	-1.2
LPAZ	69nm, 0.6s					
LPAZ	La Paz	17.57	147	eS	19 05 22.2	+0.2
LPAZ	8.4nm, 0.3s, baz=331, slo=11, SNR=130					
LPAZ				19 05 25.1	+3.1	
LPAZ	0.5nm, 0.3s, baz=107, slo=12, SNR=3.9					
LPAZ	La Paz	17.57	147	eS	19 02 08.3	-1.2
LPAZ				19 05 22.2	+0.2	
LPAZ						
PCRV	comp=Z,69nm,0.6s Puerto La Cruz 17.63 48 P	P	Pn	19 02 09.9	-0.3	
PCRV	comp=Z,11nm,0.3s, baz=134, slo=6.6, SNR=34	LR	LR	19 10 13.3		
TGUH	comp=Z,376nm,18.5s, baz=262, slo=41 Tegucigalpa, Un 18.02 329 eP	eP	P	19 02 14.6	+1.6	
TGUH	comp=Z,63nm,1.2s					
TCE	Chacachacare 20.18 53 eP	eP	P	19 02 37.5	+1.1	
TCE	Chacachacare 20.18 53 eP	eP	P	19 02 37.5	+1.1	
TPP	Pointe-a-Pierre 20.20 54 eP	eP	P	19 02 38.6	+2.0	
TPP	Pointe-a-Pierre 20.20 54 eP	eP	P	19 02 38.6	+2.0	
TRN	Trinidad (W) 20.40 54 eP	eP	P	19 02 38.6	+0.4	
TBH	Brigand Hill 20.40 54 eP	eP	P	19 02 40.2	-0.7	
TBH	Brigand Hill 20.40 54 eP	eP	pP	19 03 20.6	+1.1	
GRGR	Grenville 21.12 50 eP	eP	P	19 02 43.3	-3.1	
GRGR	comp=Z,211nm,0.9s,mb5.5					
GRGR				19 02 55.9		

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TPR	Prospect	21.24	53	eP	P	19 02 46.9	-0.7
TPR	Prospect	21.24	53	e	pP	19 03 21.0	+3.9
SIV	San Ignacio	21.99	132	P	P	19 02 55.2	-0.3
SIV	comp=Z,51nm,0.7s,mb5.1, baz=310, slo=11, SNR=157						
SIV						19 06 49.5	+3.2
AOPR	Areco Observ	22.61	29	eP	P	19 03 01.4	+0.1
SJG	San Juan	22.70	30	P	P	19 03 00.8	-1.4
LVC	comp=Z,27nm,0.6s,mb4.9, baz=197, slo=5.4, SNR=12						
LVC	Limon Verde 22.73 156 P	P	P	19 03 03.2	+0.8		
LVC	comp=Z,81nm,0.8s,mb5.2, baz=326, slo=7.6, SNR=41						
HUMP	Col San Antoni	22.89	31	eP	P	19 03 03.0	-0.8
CEN1	Los Morros	23.00	162	eP	P	19 03 06.0	+1.1
TEIG	Tepeich	23.87	335	eP	P	19 03 13.3	+0.5
TEIG	comp=Z,8.7nm,0.4s,mb4.7, baz=242, slo=3.9, SNR=2.6						
TEIG						19 12 10.8	
CMIG	Matias Romero	24.32	319	P	P	19 03 22.2	-0.2
CMIG	Matias Romero	24.32	319	P	P	19 03 22.2	-0.2
CPUP	Villa Florida	25.65	143	P	P	19 04 20.4	-1.7
CPUP	comp=Z,6.1nm,0.7s,mb4.5, baz=306, slo=9.7, SNR=30						
CPUP						19 07 09.9	-0.2
BDFB	Brasilia	32.68	117	P	P	19 04 31.5	+0.2
BDFB	comp=Z,4.4nm,0.7s, baz=260, slo=3.0, SNR=29						
BDFB						19 05 05.4	-1.3
GOGA	Goodyear	35.13	352	eP	P	19 04 51.4	-0.7
GOGA	comp=Z,9.6nm,0.8s,mb4.5						
GOGA						19 04 51.4	-0.7
CPCT	Cooper Cave	37.29	351	eP	P	19 05 09.5	-0.9
CPCT						19 05 45.6	-1.0
SWET	Sewanee	37.30	349	eP	P	19 05 09.2	-1.3
SWET						19 05 43.2	-3.4
PLAL	Pickwick Lake	37.53	346	eP	P	19 05 10.0	-2.4
PLAL	comp=Z,59nm,1.8s,mb4.8						
PLAL						19 05 45.1	-3.6
JCT	Junction City	38.03	329	eP	P	19 05 16.6	-0.1
JCT						19 05 52.3	-0.7
JCT						19 07 27.4	-1.3
TZTN	Tazewell	38.23	353	eP	P	19 05 17.4	-0.9
TZTN	comp=Z,6.7nm,0.7s,mb4.4						
TZTN						19 05 53.4	-1.1
UALR	University of	38.55	341	eP	P	19 05 19.2	-1.7
UALR	comp=Z,29nm,1.3s,mb4.7						
UALR						19 05 55.0	-2.3
TXAR	Lajas Array	39.33	323	P	P	19 05 27.6	+0.1
TXAR	comp=Z,5.9nm,0.9s,mb4.2, baz=147, slo=8.2, SNR=51						
TXAR						19 06 03.1	-0.9
TXAR	comp=Z,3.2nm,0.8s, baz=139, slo=12, SNR=4.7						
TXAR						19 07 30.3	+0.3
TXAR	comp=Z,7.5nm,0.9s, baz=148, slo=6.6, SNR=11						
TXAR						19 22 25.9	
TXAR	comp=Z,70nm,18.8s, baz=180, slo=37						
TXAR	Lajas Array	39.33	323	eP	P	19 05 27.7	+0.2
TXAR						19 06 03.1	-0.9
TXAR						19 07 33.0	
PARMO	Parma	39.55	345	eP	P	19 05 27.8	-1.4
PLCA	Paso Flores	39.60	171	eP	P	19 05 29.1	-0.5
PLCA	comp=Z,81nm,0.8s,mb5.4						
PLCA						19 06 02.7	-3.4
PLCA	Paso Flores	39.60	171	eP	P	19 05 29.3	-0.3
PLCA	comp=Z,65nm,0.7s,mb5.4, baz=343, slo=9.4, SNR=162						
PLCA						19 06 03.3	-2.9
PLCA	comp=Z,11nm,0.6s, baz=352, slo=9.6, SNR=2.5						
PLCA						19 07 33.3	-0.1
PLCA	comp=Z,15nm,0.9s, baz=343, slo=4.4, SNR=5.5						
PLCA	Paso Flores	39.60	171	eP	P	19 05 29.1	-0.5
PLCA						19 06 02.7	-3.4
PLCA						19 07 33.0	
PLCA							
SIUC	Southern Illin	40.41	346	eP	P	19 05 35.0	-1.3
SIUC	comp=Z,39nm,0.7s,mb5.1						
WMOK	Wichita Mounta	41.02	333	eP	P	19 05 41.0	-0.4
WMOK						19 06 18.7	+0.6
WMOK						19 11 11.0	-1.0
WMOK	Wichita Mounta	41.02	333				

Q19A	baz=50,SNR=9.4	P	pP	19 07 27.1 +1.0	O16A	baz=52 Springville	51.61 327	↑P	P	19 07 04.7 +0.8	LOHW	Long Hollow	53.62 331	eP	P	19 07 18.2 -0.4	
DVTC	Desert V Tower	49.54 317	↑P	P	19 06 49.1 +0.6	O16A	baz=52	↓P	pP	19 07 04.2 +0.2	LOHW	Teton Pass	53.70 331	eP	pP	19 07 18.6 -0.5	
DVTC	baz=50,SNR=8.0	↑P	pP	19 07 26.7 +0.3	R13A	O'Grain Ranch,	51.61 324	↑P	pP	19 07 42.3 +0.4	TPAW	baz=52,SNR=1.7s,mb4.9	53.70 331	eP	pP	19 07 57.4 -0.3	
W13A	Hualapai Mount	49.56 321	↑P	P	19 06 49.3 +0.7	R13A	baz=52,SNR=8.3	↓P	pP	19 07 43.0 +0.8	S08C	White Mtn Res	53.77 320	↑P	P	19 07 20.5 +0.8	
W13A	baz=50,SNR=16	↑P	pP	19 07 27.5 +0.9	DAU	Daniels Canyon	51.62 328	eP	pP	19 07 04.2 +0.3	RR12	Red Ridge	53.77 330	eP	P	19 07 20.0 +0.3	
BC3	Big Chuckw Mtn	49.69 318	↑P	P	19 06 49.8 +0.2	DAU	baz=52,SNR=5.8	eP	pP	19 07 43.0 +0.8	RR12	comp=Z,2.9nm,1.1s,mb4.9	53.77 330	eP	pP	19 07 58.4 +0.2	
IRM	Iron Mountain	49.80 319	↑P	P	19 06 50.9 +0.5	NLU	North Lily Min	51.74 327	eP	P	19 07 04.1 -0.8	MOOW	Moose Ponds	53.79 331	eP	P	19 07 19.1 -0.7
IRM	baz=50,SNR=16	↑P	pP	19 07 29.6 +1.2	Q14A	Sevier Lake (B	51.75 325	eP	P	19 07 06.0 +1.1	MOOW	comp=Z,2.9nm,1.6s,mb4.9	53.79 331	eP	pP	19 07 57.1 -1.2	
MONP	Monument Peak	49.89 317	↑P	P	19 06 51.3 +0.1	Q14A	baz=52,SNR=18	P	pP	19 07 44.9 +1.6	MOOW	Lac du Bonnet	53.81 346	eP	pP	19 07 18.2 -1.6	
MONP	baz=50,SNR=9.0	↑P	pP	19 07 29.9 +0.8	T11A	Corn Creek, AI	51.76 322	↑P	P	19 07 05.5 +0.5	MOOW	ULM	53.81 346	eP	pP	19 08 22.4 -0.9	
MONP	baz=50,SNR=7.6	↑P	pP	19 07 30.5 +1.4	T11A	baz=52,SNR=7.5	↑P	pP	19 07 44.6 +1.3	MOOW	ULM	53.81 346	eP	pP	19 07 18.2 -1.6		
T15A	Red Dirt Ranch	49.90 324	↑P	pP	19 07 30.5 +1.4	S12A	Delamar Landin	51.77 323	↑P	pP	19 07 45.0 +1.7	ULM	comp=Z,10nm,0.5s,mb4.8,baz=158,slow=8.6,SNR=11	53.81 346	eP	pP	19 07 58.8 -0.7
R17A	Hanksville Air	49.91 326	↑P	P	19 07 30.0 +0.8	MWC	Mount Wilson	51.77 317	eP	P	19 07 05.9 +0.7	ULM	comp=Z,5.9nm,0.7s,baz=161,slow=11,SNR=2.0	53.81 346	eP	pP	19 08 22.4 -0.9
BAR	Barrett	49.94 316	eP	P	19 06 51.2 -0.3	MWC	comp=Z,19nm,0.6s,mb4.9	51.77 317	eP	pP	19 07 43.5 0.0	ULM	comp=Z,6.1nm,0.4s,baz=150,slow=3.7,SNR=4.6	53.81 346	eP	pP	19 28 51.4
Q18A	Rafter H Ranch	50.08 327	↑P	pP	19 07 29.7 +0.2	MWC	ULM	51.77 317	eP	pP	19 07 43.5 0.0	L14A	Malta	53.82 328	↑P	P	19 07 19.7 -0.4
Q18A	baz=50	↑P	pP	19 07 31.4 +0.9	MWC	comp=Z,19nm,0.6s,mb4.9	51.77 317	eP	pP	19 07 43.5 0.0	L14A	baz=54	53.82 328	↑P	pP	19 07 58.3 -0.3	
V13A	Grand Canyon W	50.11 321	P	P	19 06 53.5 +0.7	JLU	Jordanelle	51.86 328	eP	pP	19 07 06.2 +0.5	HELL	Mitchell Peak	53.83 319	↑P	pP	19 07 20.4 +0.2
V13A	baz=50,SNR=7.8	↑P	pP	19 06 53.5 +0.7	JLU	baz=52	51.86 328	eP	pP	19 07 45.0 +0.5	HELL	baz=54,SNR=20	53.83 319	↑P	pP	19 07 58.1 -0.7	
BELC	Belle Mtn.	50.26 318	↑P	pP	19 06 54.3 +0.4	DECC	Green Verdugo	51.98 317	↑P	pP	19 07 07.4 +0.7	HELL	baz=54	53.83 319	↑P	pP	19 07 20.0 -0.3
BELC	baz=50,SNR=7.1	↑P	pP	19 07 33.1 +1.2	AGMN	Agassiz Refuge	52.01 345	eP	P	19 07 05.2 -1.4	M13A	Montello	53.86 327	↑P	pP	19 07 58.6 -0.4	
SRU	San Rafael	50.30 327	eP	P	19 06 54.1 0.0	AGMN	comp=Z,12nm,0.6s,mb4.7	52.01 345	eP	pP	19 07 42.1 -2.8	M13A	baz=54	53.86 327	↑P	pP	19 07 21.8 0.0
SRU	baz=50	50.30 327	eP	pP	19 06 54.1 0.0	P14A	Drum Mountains	52.04 326	eP	pP	19 07 08.0 +0.9	MTUM	Tungsten Hills	53.93 320	eP	pP	19 08 00.7 +1.1
SRU	comp=Z,25nm,1.3s,mb4.7	50.30 327	eP	pP	19 06 54.1 0.0	P14A	baz=52,SNR=13	52.04 326	eP	pP	19 07 47.0 +1.6	IMW	Indian Meadow	53.99 331	eP	pP	19 07 21.0 -0.3
SRU	San Rafael	50.30 327	eP	pP	19 07 32.1 0.0	N16A	Rees Ranch, Co	52.05 328	↑P	P	19 07 07.8 +0.7	FLWY	Flag Ranch	54.01 331	eP	P	19 07 21.5 +0.1
SRU	baz=50	50.30 327	eP	pP	19 07 32.1 -0.1	R12A	Pony Springs,	52.09 323	↑P	P	19 07 08.6 +1.1	FLWY	ELK	54.05 325	eP	pP	19 08 00.5 +0.5
SRU	comp=Z,25nm,1.3s,mb4.7	50.30 327	eP	pP	19 06 54.6 +0.6	R12A	baz=52	52.09 323	↑P	pP	19 07 47.2 +1.4	ELK	ELK	54.05 325	eP	pP	19 07 21.8 +0.1
SRU	San Rafael	50.30 327	eP	pP	19 07 32.9 +0.7	EDW2	Edwards Air Fo	52.11 318	P	P	19 07 08.0 +0.2	ELK	ELK	54.05 325	eP	pP	19 07 59.7 -0.6
W12A	Cai Nev Ari	50.32 320	↑P	P	19 06 54.4 +0.1	EDW2	baz=52,SNR=5.6	52.11 318	P	pP	19 07 46.6 +0.6	ELK	ELK	54.05 325	eP	pP	19 07 21.8 +0.1
LDFC	Landfair	50.33 320	eP	P	19 06 55.1 +0.7	EDW2	baz=52,SNR=26	52.11 318	↑P	pP	19 07 46.6 +0.6	ELK	ELK	54.05 325	eP	pP	19 07 59.7 -0.6
LDFC	comp=Z,48nm,1.1s,mb5.0	50.33 320	eP	pP	19 07 34.5 +0.2	Q13A	Wheeler Ranch,	52.16 324	↑P	P	19 07 08.5 +0.5	ELK	ELK	54.05 325	eP	pP	19 07 21.2 -1.0
PFO	Pinyon Flat Ob	50.33 318	eP	pP	19 06 54.4 -0.1	Q13A	baz=52,SNR=9.6	52.16 324	↑P	pP	19 07 47.5 +1.3	RLMT	Well Lodge	54.13 333	eP	P	19 07 60.0 -0.9
PFO	comp=Z,17nm,1.1s,mb4.6	50.33 318	eP	pP	19 06 54.4 -0.1	O15A	The Old Anders	52.18 327	↑P	pP	19 07 08.8 +0.8	RLMT	Jones Ranch, D	54.15 328	↑P	pP	19 07 22.0 -0.4
PFO	San Rafael	50.33 318	eP	pP	19 07 32.2 -0.3	O15A	baz=52	52.18 327	↑P	pP	19 07 47.9 +1.4	L13A	Double Diamond	54.24 327	↑P	P	19 07 23.0 -0.1
PFO	baz=50	50.33 318	eP	pP	19 07 32.2 -0.3	TPNV	Topopah Spring	52.22 321	eP	P	19 07 09.4 +1.0	L13A	baz=54	54.24 327	↑P	pP	19 08 02.0 +0.3
PFO	comp=Z,17nm,1.1s,mb4.6	50.33 318	eP	pP	19 06 55.1 +0.6	TPNV	Topopah Spring	52.22 321	eP	pP	19 07 48.0 +1.2	M12A	Wells	54.31 326	↑P	pP	19 07 23.6 0.0
PFO	Pinyon Flat Ob	50.33 318	eP	pP	19 07 32.7 +0.1	TPNV	Topopah Spring	52.22 321	eP	pP	19 07 09.4 +1.0	NVAR	Mina Array Bea	54.41 321	P	NR	19 07 25.1 +0.7
T10A	Hurricane	50.35 323	↑P	P	19 06 55.0 +0.6	TPNV	comp=Z,20nm,0.9s,mb4.8	52.22 321	eP	pP	19 07 48.0 +1.2	NVAR	comp=Z,6.4nm,0.8s,mb4.4,baz=139,slow=6.5,SNR=43	54.41 321	P	NR	19 08 02.2 -0.8
GMRC	Granite Mounta	50.51 319	↑P	P	19 06 55.1 +0.4	TPNV	Topopah Spring	52.22 321	↑P	P	19 07 09.3 +0.9	Q08A	Gabbs	54.44 322	↑P	P	19 07 24.8 +0.2
GMRC	baz=51,SNR=20	50.51 319	↑P	pP	19 06 55.2 +0.5	TPNV	baz=52	52.22 321	↑P	pP	19 07 48.2 +1.5	Q08A	baz=55	54.44 322	↑P	pP	19 08 03.4 +0.2
Q16A	Castle Valley	50.52 326	↑P	pP	19 06 56.0 +0.3	LRMC	Laurel Mountai	52.25 319	↑P	P	19 07 09.8 +0.2	T06C	Millerton Lake	54.47 319	↑P	P	19 07 23.7 -1.2
Q16A	baz=51	50.52 326	↑P	pP	19 07 34.4 +0.5	FURC	Furnace Creek,	52.31 320	P	P	19 07 09.8 +0.7	O10A	Cortez Mining,	54.48 324	↑P	P	19 07 25.5 +0.7
RWWY	Rawlins	50.53 332	eP	P	19 06 56.0 +0.2	FURC	baz=52,SNR=6.7	52.31 320	P	pP	19 07 09.8 +0.7	R07C	Lee Vining	54.67 321	↑P	P	19 07 26.8 +0.5
RWWY	comp=Z,13nm,0.7s,mb4.7	50.53 332	eP	pP	19 07 34.2 +0.3	DUG	Dugway	52.31 326	eP	P	19 07 09.5 +0.4	K13A	Stover Farm, H	54.70 328	↑P	pP	19 08 05.1 0.0
V12A	Nelson	50.57 321	eP	pP	19 06 56.0 +0.6	DUG	Dugway	52.31 326	eP	pP	19 07 48.2 +0.8	O09A	Fire Creek Ran	54.81 324	↑P	pP	19 07 27.6 +0.4
V12A	baz=51,SNR=8.2	50.57 321	eP	pP	19 06 56.0 +0.6	DUG	comp=Z,41nm,1.3s,mb4.9	52.31 326	eP	pP	19 07 48.2 +0.8	M11A	Holland Ranch,	54.81 326	↑P	pP	19 07 27.5 +0.2
R15A	Junction	50.65 325	↑P	P	19 06 57.0 +0.3	DUG	Dugway	52.31 326	↑P	pP	19 07 09.3 +0.3	U04C	Hernandez Rese	54.82 318	↑P	P	19 07 27.7 +0.3
EYMN	Ely	50.66 348	eP	P	19 06 54.3 -2.4	DUG	baz=52	52.31 326	↑P	pP	19 07 48.4 +1.0	U04C	baz=55,SNR=5.0	54.82 318	↑P	pP	19 08 06.0 0.0
MSU	Marysvalde	50.80 325	eP	pP	19 06 58.0 +0.1	M16A	Huntsville	52.46 328	↑P	P	19 07 10.2 +0.1	GCMT	Greycliff	54.82 333	eP	pP	19 07 26.7 -0.5
MSU	baz=51	50.80 325	eP	pP	19 06 58.0 +0.1	M16A	baz=53	52.46 328	↑P	pP	19 07 49.0 +0.5	LC2A	House Creek Ra	54.86 327	↑P	pP	19 08 05.0 0.9
T13A	Saint George	50.81 323	↑P	pP	19 06 58.0 +0.1	MPMC	Manual Prospec	52.47 319	↑P	P	19 07 10.4 +0.1	QLMT	Earthquake Lak	54.92 331	eP	pP	19 07 28.4 +0.5
U12A	Valley of Fire	50.82 322	↑P	P	19 06 58.1 0.0	PDAR	Pinalte Array	52.48 331	P	P	19 07 10.1 -0.1	BLMT	Battle Mountain	54.92 324	eP	pP	19 08 02.7 +0.6
MURC	Murrieta	50.83 317	P	P	19 06 58.0 +0.4	PDAR	comp=Z,2.0nm,0.7s,mb3.9,baz=120,slow=8.8,SNR=5.0	52.48 331	P	pP	19 07 48.2 -0.3	QLMT	QLMT	54.92 324	eP	pP	19 07 28.4 -0.1
MURC	baz=51,SNR=5.6	50.83 317	P	pP	19 07 36.8 +0.6	PDAR	comp=Z,1.9nm,0.7s,baz=143,slow=5.2,SNR=3.4	52.48 331	P	pP	19 08 17.8 -0.7	BMN	Battle Mountain	54.92 324	eP	pP	19 08 07.9 +0.7
CCUT	Cedar City	50.84 324	eP	pP	19 06 58.8 +0.4	PDAR	comp=Z,3.8nm,0.8s,baz=151,slow=5.8,SNR=6.2	52.48 331	P	LR	19 30 37.7	BMN	Battle Mountain	54.92 324	eP	pP	19 07 28.4 -0.1
CCUT	baz=51	50.84 324	eP	pP	19 06 58.8 +0.4	N15A	Stansbury Isla	52.64 327	↑P	P	19 07 11.5 0.0	BMN	BMN	54.92 324	eP	pP	19 08 07.9 +0.6
S14A	Cedar City	50.86 324	↑P	pP	19 07 37.4 +0.9	Q12A	Willow Creek R	52.69 324	↑P	pP	19 07 12.5 +0.7	P08A	Dixie Valley	55.04 323	↑P	P	19 07 29.0 +0.1
HEC	Hector Ludlow	50.98 319	↑P	pP	19 07 00.1 +0.7	Q12A	baz=53,SNR=5.2	52.69 324	↑P	pP	19 07 51.2 +0.9	S06C	San Francisco	55.07 320	↑P	P	19 07 29.1 0.0
HEC	baz=51,SNR=8.1	50.98 319	↑P	pP	19 07 38.3 +0.9	R11A	Troy Canyon, C	52.69 323	P	P	19 07 12.8 +0.9	S05C	Merced	55.07 319	↑P	P	19 07 28.6 -0.6
V11A	Goodsprings	51.01 320	↑P	P	19 07 00.1 +0.7	EFI	East Falkland	52.70 165d	P	P	19 07 11.5 -0.2	K12A	Draper Farm, C	55.13 327	↑P	pP	19 07 29.7 +0.2
ARUT	Antelope Range	51.04 324	P	pP	19 06 59.6 0.0	ARVC	Arvin	52.81 318	↑P	P	19 07 13.3 +0.5	K12A	baz=55,SNR=7.4	55.13 327	↑P	pP	19 08 08.7 +0.5
ARUT	baz=51	51.04 324	P	pP	19 07 38.7 +0.8	ISA	Isabella	52.88 318	eP	P	19 07 52.9 +1.6	WAKR	Walker	55.17 321	eP	pP	19 07 30.8 +0.7
RSSD	Black Hills	51.07 336	eP	pP	19 06 59.9 +0.2	ISA	comp=Z,27nm,1.3s,mb4.8	52.88 318	eP	pP	19 07 13.4 +0.1	R06C	Coleville	55.19 321	eP	pP	19 07 30.8 +0.6
RSSD	baz=50,SNR=11	51.07 336	eP	pP	19 07 38.5 +0.5	ISA	Isabella	52.88 318	eP	pP	19 07 13.4 +0.1	J13A	Cove Ranch, Pi	55.27 328	P	P	19 07 30.8 +0.4
RSSD	comp=Z,																

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Abries, Pioggiaola, Reno Superiore, Bardonecchia, Simiane la Rot, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like La Serena, Ovalle, Combarbala, Las Campanas, Los Chungos, Vallenar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Adamuz, Col de Zad, La Murta, Mina Concepcion, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Baumata, Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Palemas, Touzarine, Alboran, Malaga-Limoner, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Barrancos, Barranco-do-Ve, Barranco-do-Ve, Beja, Badajoz, etc.

NEIC 21 21:24:33.6:0.8, 1409N:12058E, h10km, Error ellipse: s-maj=39.5km s-min=14.7km az=56.0

ISCJB 21 21:24:39.7:0.4, 1391N:003.3:12002E:0.05, h69km, 6km, mb3.6/6, Error ellipse: s-maj=8.8km s-min=4.1km az=10.4

MAN 21 21:24:39, 1396N:12000E, h46km, mb4.3, ML3.1, MS2.9, Error ellipse: s-maj=1.9km s-min=0.9km az=10.4

ISC 21 21:24:40.8:0.4, 1391N:003.3:12004E:0.05, h63km, 6km, mb2.9, e90/41, mb3.7/6, 4C-3D, Mindoro

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like LUBP, TG, Tagaytay City, NBP, Mount Natib, etc.

ISC 21 21:34:26.2:0.2, 839S:11261E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/17, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=132.9km s-min=23.1km az=50.0, Jawa

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like FITZ, Fitroz Crossi, WRA, Warrungarra Arr, etc.

ISCJB 21 21:43:57.3:0.7, 3930N:003.2:2014E:0.06, h10km, Error ellipse: s-maj=6.4km s-min=3.8km az=174.7

THE 21 21:43:57.0, 3928N:2009E, h0km, ML2.8, CSEM 21 21:43:58.0:0.1, 3930N:2028E, h8km, ML2.8, Error ellipse: s-maj=2.8km s-min=1.7km az=91.0

ATH 21 21:43:59.0, 3931N:2028E, h21km, 11km, MD3.4/5, NEIC 21 21:43:59.0, 3931N:2028E, h21km, MD3.4(ATH), After ATH.

ISC 21 21:43:58.8:0.7, 3929N:003.2:2025E:0.05, h5km, 6km, n14, e10/27, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like IGT, Igoumenitsa, KEK, Kerkira, etc.

ISCJB 21 21:55:53.8:0.9, 1131N:004.6:152W:0.04, h33km, 10km, Error ellipse: s-maj=8.5km s-min=5.1km az=142.0

FUNV 21 21:55:53.3, 1138N:6158W, h18km, MW2.4, TRN 21 21:55:53.5, 1133N:6151W, h41km, MD2.9

NEIC 21 21:55:53.5, 1133N:6151W, h41km, MD2.9(TRN), After TRN.

ISC 21 21:55:53.0:0.6, 1132N:003.6:153W:0.04, h26km, 8km, n9, e084/13, C, Windward Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like TRN, Trinidad (W), TPR, Prospect, etc.

IDC 21 22:09:11.9:4.2, 1546S:17406W, h220km, 97km, mb3.1/4, mb1 3.3/5, mb1mx3.1/18, mbtmp3.1/5, Error ellipse: s-maj=127.1km s-min=39.7km az=28.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like AFI, Afiamalu, WTKA, Stephens Creek, etc.

BUI 21 22:11:37.2, 5320N:16795W, h5km, mb4.7, mb4.6, Ms4.4, Ms4.2

NEIC 21 22:11:39.1:0.5, 5238N:16819W, h10km, mb4.6/37, Error ellipse: s-maj=10.6km s-min=7.4km az=172.0

ISCJB 21 22:11:40.6:1.2, 5245N:006.1:16816W:0.05, h29km, 7km, mb4/72, MS4.5, Error ellipse: s-maj=9.7km s-min=5.3km az=170.4

MOS 21 22:11:41.9:1.2, 5266N:16821W, h33km, mb4.9/31, Error ellipse: s-maj=14.9km s-min=6.8km az=91.4

IDC 21 22:11:43.5:0.7, 5249N:16821W, h43km, 6km, mb4.0/19, mb1 4.2/19, mb1mx4.1/25, mbtmp4.0/19, Error ellipse: s-maj=20.0km s-min=10.7km az=178.0

ISC 21 22:11:42.3:1.2, 5252N:006.1:16816W:0.05, h27km, 7km, h28km, 5.9km, p-P, n174, e113/178, mb4.4/72, MS4.8/5, 6C-3D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like NIKO, Nikolski, OKCD, Okmok Cone D, etc.

IMA2 Indian Mountai 15.40 23 ePn Pn 22 15 19.0 +1.6

COLA College 16.16 32 ePn Pn 22 15 26.1 -1.1

COLA College 16.16 32 ePn Pn 22 15 26.1 -1.1

EGAG Eagle 18.46 38 ePn Pn 22 15 54.6 -1.2

DAWY Dawson 18.83 41 ePn Pn 22 15 58.9 -1.4

SKAG Skagway 19.47 56 ePn Pn 22 15 08.2 +0.2

BILL Bilibino 19.82 331j eS Pn 22 16 09.6 -2.4

BILL Bilibino 19.82 331j eS Pn 22 16 09.6 -2.4

PETK Petropavlovsk- 20.54 285 P P 22 16 18.1 -0.2

DLBC Dease Lake 22.17 59 P P 22 16 37.6 +1.9

INK Inuvik 22.82 33 P P 22 16 40.8 -1.8

SEY Seymchan 23.12 312 eP P 22 16 44.4 -1.3

YBH Yreka Blue Hor 32.24 91 P P 22 18 09.7 +1.6

TIXI Tiksi 32.99 329 eP Pn 22 18 12.9 -1.4

WAKR Walker 36.19 93 eP P 22 18 42.9 +0.5

EGMT Eggleton 36.71 93 eP P 22 18 46.6 -0.1

NVAR Mina Array Bea 76.93 92 P P 22 18 49.0 +0.4

NVAR Mina Array Bea 76.93 92 P P 22 18 49.0 +0.4

FLWY Flag Ranch 38.22 79 eP P 22 19 00.7 +1.2

TPNV Topopah Spring 39.12 92 eP P 22 19 07.2 +0.1

TPNV Topopah Spring 39.12 92 eP P 22 19 07.2 +0.1

PDAR Pinedale Array 39.65 80 P P 22 19 11.4 0.0

MAJO Matushiro 40.44 269 eP P 22 19 20.6 +2.4

MAJO Matushiro 40.44 269 eP P 22 19 20.6 +2.4

MAJO Matushiro 40.44 269 eP P 22 19 20.6 +2.4

SRU San Rafael 41.25 85 eP P 22 19 25.6 +0.8

GOZ Godalio 42.32 80 eP P 22 19 32.7 -1.8

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including HHC, HHC, HHC, HHC, HHC, etc.

Code	Station Name	Δ°	AZ $^\circ$	Op	Phase ID	ISC	h	m	s	ISC	Res
KBL	Kabul	80.01	315	eP	P		22	23	48.1	-0.9	
KBL	Kabul	80.01	315	eP	Pmax		22	23	48.1	-0.9	
KIV	Kislovodsk	80.30	338j	eP	P		22	23	51.3	+1.0	
KIV	Kislovodsk	80.30	338j	eP	Pmax		22	26	51.2		
LOR	Lormes	80.36	6	eP	P		22	23	50.7	+0.1	
LOR	Lormes	80.36	6	eP	P		22	23	50.7	+0.1	
LOR	Lormes	80.36	6	eP	Pmax		22	23	50.7	+0.1	
SSF	Saint Saugle	80.54	6	eP	P		22	23	51.8	+0.2	
SSF	Saint Saugle	80.54	6	eP	P		22	23	51.8	+0.2	
SSF	Saint Saugle	80.54	6	eP	Pmax		22	23	51.8	+0.2	
MFF	Saint Martin d	80.73	8	eP	P		22	23	52.8	+0.2	
MFF	Saint Martin d	80.73	8	eP	P		22	23	52.8	+0.2	
MFF	Saint Martin d	80.73	8	eP	Pmax		22	23	52.8	+0.2	
AVF	Avril sur Loir	80.80	6	eP	P		22	23	52.9	-0.1	
AVF	Avril sur Loir	80.80	6	eP	P		22	23	52.9	-0.1	
AVF	Avril sur Loir	80.80	6	eP	Pmax		22	23	52.9	-0.1	
SMF	Signal de Mont	80.98	6	eP	P		22	23	54.0	0.0	
SMF	Signal de Mont	80.98	6	eP	P		22	23	54.0	0.0	
SMF	Signal de Mont	80.98	6	eP	Pmax		22	23	54.0	0.0	
BGF	Bois d'Agland	81.00	6	eP	P		22	23	54.1	0.0	
BGF	Bois d'Agland	81.00	6	eP	P		22	23	54.1	0.0	
BGF	Bois d'Agland	81.00	6	eP	Pmax		22	23	54.1	0.0	
CABF	La Chapelle	81.13	4	eP	P		22	23	55.4	+0.7	
CABF	La Chapelle	81.13	4	eP	P		22	23	55.4	+0.7	
CABF	La Chapelle	81.13	4	eP	Pmax		22	23	55.4	+0.7	
TCF	Toulx Ste Croi	81.23	7	eP	P		22	23	55.2	-0.1	
TCF	Toulx Ste Croi	81.23	7	eP	P		22	23	55.2	-0.1	
TCF	Toulx Ste Croi	81.23	7	eP	Pmax		22	23	55.2	-0.1	
RJF	Les Rejaudoux	82.15	7	eP	P		22	24	00.8	+0.6	
RJF	Les Rejaudoux	82.15	7	eP	P		22	24	00.8	+0.6	
RJF	Les Rejaudoux	82.15	7	eP	Pmax		22	24	00.8	+0.6	
LFF	La Frestale	82.45	8	eP	P		22	24	02.0	+0.2	
LFF	La Frestale	82.45	8	eP	P		22	24	02.0	+0.2	
LFF	La Frestale	82.45	8	eP	Pmax		22	24	02.0	+0.2	
CAF	Calviac	82.57	7	eP	P		22	24	02.6	+0.2	
CAF	Calviac	82.57	7	eP	P		22	24	02.6	+0.2	
CAF	Calviac	82.57	7	eP	Pmax		22	24	02.6	+0.2	
ORIF	Oris-en-Rattie	82.81	4	eP	P		22	24	03.7	+0.1	
ORIF	Oris-en-Rattie	82.81	4	eP	P		22	24	03.7	+0.1	
ORIF	Oris-en-Rattie	82.81	4	eP	Pmax		22	24	03.7	+0.1	
MBDF	Montbardon	83.04	4	eP	P		22	24	06.0	+1.2	
MBDF	Montbardon	83.04	4	eP	P		22	24	06.0	+1.2	
MBDF	Montbardon	83.04	4	eP	Pmax		22	24	06.0	+1.2	
SJPF	Ste Jean	84.08	10	eP	P		22	24	10.9	+0.7	
SJPF	Ste Jean	84.08	10	eP	P		22	24	10.9	+0.7	
SJPF	Ste Jean	84.08	10	eP	Pmax		22	24	10.9	+0.7	
MTLF	Montlieu	84.16	7	eP	P		22	24	10.7	+0.1	
MTLF	Montlieu	84.16	7	eP	P		22	24	10.7	+0.1	
MTLF	Montlieu	84.16	7	eP	Pmax		22	24	10.7	+0.1	
FRF	La Foret Royal	84.20	4	eP	P		22	24	10.1	-0.7	
EPF	Esparrus	84.31	8	eP	P		22	24	11.0	-0.4	
EPF	Esparrus	84.31	8	eP	P		22	24	11.0	-0.4	
EPF	Esparrus	84.31	8	eP	Pmax		22	24	11.0	-0.4	
ETSF	Etsaut	84.36	9	eP	P		22	24	12.1	+0.5	
ETSF	Etsaut	84.36	9	eP	P		22	24	12.1	+0.5	
ETSF	Etsaut	84.36	9	eP	Pmax		22	24	12.1	+0.5	
PGF	Piogetta	85.28	2	eP	P		22	24	16.1	-0.1	
ESDC	Sonessa Array	87.16	12	P	P		22	24	24.8	-0.8	
WRA	Warramunga Arr	87.68	233	P	P		22	24	25.7	-2.4	
ASAR	Alice Springs	91.06	231	P	P		22	24	41.6	-2.3	
MAW	Mawson	151.45	219	PKPbc	PKPbc		22	31	30.1	-1.8	
BOSA	Goshof	154.12	332	PKPbc	PKPbc		22	31	38.4	-0.8	

NEIC 21 22:21:52.7, 1781N-6884W, h129km, MD3.6(RSPR),

After RSPR.

RSPR 21 22:21:52.7, 1781N-6884W, h129km, 2km, MD3.6/6,

MD3.6/6,5C,Mon Passage

Code	Station Name	Δ°	AZ $^\circ$	Op	Phase ID	ISC	h	m	s	ISC	Res
CRPR	Cabo Rojo, PR	1.66	83j	eP	Pn		22	22	22.4	-0.2	
CRPR	Cabo Rojo, PR	1.66	83j	eP	P		22	22	24.5	0.0	
AGPR	Aguadilla, PR	1.77	68j	eP	Pn		22	22	23.8	-0.1	
AGPR	Aguadilla, PR	1.77	68j	eP	P		22	22	47.7	+0.1	
GBPR	Guacanica, Bosqu	1.87	85	eS	Pn		22	22	50.2	+0.4	
LRS	Lares	1.96	76	eS	Pn		22	22	52.2	+0.6	
AOPR	Arecibo Observ	2.05	75j	eP	Pn		22	22	27.2	-0.1	
AOPR	Arecibo Observ	2.05	75j	eP	P		22	22	54.1	+0.4	
CELP	Cerrillos	2.17	83j	eP	Pn		22	22	28.6	-0.1	
CELP	Cerrillos	2.17	83j	eP	P		22	22	56.5	+0.2	
HUMP	Col San Antoni	2.86	83j	eP	Pn		22	22	37.4	-0.1	
HUMP	Col San Antoni	2.86	83j	eP	P		22	22	31.0	-1.1	

Code	Station Name	Δ°	AZ $^\circ$	Op	Phase ID	ISC	h	m	s	ISC	Res
WRA	Warramunga Arr	14.28	164	Pn			22	25	44.7	-0.5	
WRA	Warramunga Arr	14.28	164	Pn			22	28	10.1	-1.4	
ASAR	Alice Springs	17.77	169	P			22	26	31.0	+0.5	
ASAR	Alice Springs	17.77	169	P			22	29	38.0	-1.1	
MKAR	Makanchi Array	67.64	327	P			22	33	20.0	+0.1	

BGS 21 22:44:00.4:1.5, 3771N:7197E, h10km, mb5.8
 NNC 21 22:44:04.3:4.9, 3784N:6966E, h132km, mb5.0,
 mpv5.9, Error ellipse: s-maj=42.5km s-min=27.8km
 az=36.0

SZGRF 21 22:44:11.3, 3848N:71.14E, h33km, mb5.6, MS5.0,
 Afghanistan-Tajikistan border region
 BUJ 21 22:44:12.0, 3908N:7038E, h15km, mb5.4, mb5.1, Ms5.3,
 Ms25.1

ISCJB 21 22:44:12.8:0.1, 3890N:002:7051E:002, h16km,
 mb5.5:0.15, MS4.9:183, Error ellipse: s-maj=2.5km
 s-min=1.6km az=15.7

GCMT 21 22:44:13.6:0.2, 3898N:7017E, h12km, MW5.2/77,
 Moment Tensor Solution. s56,c90; s77,c145; Duration:
 tS0 Moment tensor: Scale 10¹⁶Nm; Mrr:4.74e-19;
 Mtt:1.06e-15; Mtt:3.68e-14; Mtt:4.10e-17; Mtt:5.69e-13;
 Mtt:1.28e-37; Best double couple: Mtt:8.32900x10¹⁶
 NPI:3e+185.00000e; s51.00000e; s35.00000e. NP2:
 e7:1.00000e; s63.00000e; s135.00000e. Principal axes: T
 8.2450, P150.0000, Azm32.0000; P -8.4130, Plg7.0000;
 Azm131.0000; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/magn waves, cutoff=50s.

NEIC 21 22:44:13.6:0.1, 3894N:7049E, h10km, mb5.6/194,
 MS5.0/118 Error ellipse: s-maj=4.1km s-min=2.7km
 az=190.0

NEIC Three people killed in the Rasht region and nine killed in a
 related landslide in the Ashg region. Felt at Dushanbe.
 DJA 21 22:44:15.9:0.2, 3908N:7038E, h10km, mb5.6/21
 IDC 21 22:44:16.9:2.4, 3891N:7047E, h33km, mb5.0/29,
 mb1.5/133, mb1mx5.1/34, mbmp5.0/33, ML4.8/3, MS4.7/31,
 Ms1.4/731, ms1mx4.7/38, Error ellipse: s-maj=13.2km
 s-min=8.3km az=2.0

MOS 21 22:44:16.9:1.0, 3899N:7047E, h42km, mb5.8/98,
 MS5.0/48, Error ellipse: s-maj=5.2km s-min=2.9km
 az=130.8

ISC 21 22:44:14.9:0.1, 3895N:002:7053E:002, h17km,
 h17km, 2.4km, pP-P, n1155, e1512/1147, mb5.5/316,
 MS4.9/183, 102C-59D, Afghanistan-Tajikistan border
 region

Code	Station Name	Δ°	AZ $^\circ$	Op	Phase ID	ISC	h	m	s	ISC	Res
KK31	Karatay Array	4.14	360	uP			22	45	20.6	+3.2	
KK31	Karatay Array	4.14	360	iP			22	45	23.0	-4.9	
KK31	Karatay Array	4.14	360	iP	Pn		22	45	20.6	+3.2	
KK31	Karatay Array	4.14	360	iP	Pmax		22	45	20.6	+3.2	
KBL	Kabul	4.56	196	ePn	Pn		22	45	25.1	+1.9	
FRU	Bishkek	4.96	37j	iP	Pn		22	45	32.0	+3.4	
FRU	Bishkek	4.96	37j	iP	Pmax		22	46	33.0		
KNDC	Almaty	6.46	47	iP	Pn		22	45	54.0	+4.8	
KNDC	Almaty	6.46	47	iP	P		22	47	41.1	+3.9	
AAA	Alma-Ata	6.49	46	eP	Pn		22	45	52.5	+3.0	
AAA	Alma-Ata	6.49	46	eP	Pn		22	45	53.1	+3.6	
AAA	Alma-Ata	6.49	46	eP	Pmax		22	45	53.1	+3.6	
THN	Thein Dam	7.75	145	eP	Pn		22	46	08.4	+1.4	
SDNR	Sundarnagar	9.11	143	eP	Pn		22	47	38.2	+3.8	
SDNR	Sundarnagar	9.11	143	eP	P		22	48	27.4	+1.8	
DDI	Dehra Dun	10.61	142	eP	Pn		22	48	45.2	-0.9	
DDI	Dehra Dun	10.61	142	eP	P		22	48	44.3	-0.1	
DDI	Dehra Dun	10.61	142	eP	Pn		22	47	02.7	+2.5	
MK05	Makanchi Array	11.64	44	iP	Pn		22	47	02.7	+2.5	
MK31	Makanchi Array	11.64	44	Pn			22	47	01.7	+1.5	
MK31	Makanchi Array	11.64	44	Pn			22	46	59.0	-1.4	
NDI	New Delhi	11.65	150	eP	Pn		22	49	05.5	-4.6	
NDI	New Delhi	11.65	150	eP	P		22	47	09.7	+0.1	
PTH	Pithoragarh	12.33	137	eP	Pn		22	49	21.2	-5.5	
PTH	Pithoragarh	12.33	137	eP	P		22	47	06.9	-4.1	
LGTI	Lohaghat	12.42	137	eS	Pn		22	49	22.8	-6.2	
LGTI	Lohaghat	12.42	137	eS	P		22	47	13.8	-2.1	
AB01	Akbulak array	12.79	327	iP	Pn		22	49	33.7	-4.0	
AB01	Akbulak array	12.79	327	iP	P		22	47	13.7	-2.1	
AB31	Akbulak array	12.79	327	P	Pn		22	47	13.7	-2.1	
AB31	Akbulak array	12.79	327	P	Pmax		22	47	13.7	-2.1	
AJM	Ajmer	12.91	163	eP	Pn		22	47	15.6	-2.0	
AJM	Ajmer	12.91	163	eS	Pn		22	49	34.6	-6.3	
KURBB	Kurchatov Arr	12.97	23	iP	Pn		22	47	17.1	-1.1	

21d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like AGRB Hanur-Agry, QRN Al-Qurain, KIV Kislovodsk, etc.

2007 JUL

Table with columns for station name, frequency, power, and signal strength. Includes stations like SVSK Karacayir, GZT Gaziantep, TOKT Tokat, etc.

766

Table with columns for station name, frequency, power, and signal strength. Includes stations like HRFI Mount Harif, ESKT Eskisehir, EIL Eskisehir, etc.

769							
HAU	Haudompre	46.21	303	eP	P	22 52 37.8	-1.0
HAU							
HAU	comp=Z,100nm,1.2s,mb5.6						
HAU							
HABR	Khabarovsk	46.33	56	eP	P	22 52 38.3	-1.4
HABR						22 52 47.9	+3.0
HABR						22 54 13.3	
HABR						22 54 26.8	
HABR						22 55 08.6	
HABR						22 59 24.0	-2.0
HABR						22 59 40.3	
HABR						23 02 30.4	
HABR						23 03 46.3	
HABR	comp=Z,377nm,1.4s,mb5.1						
BCLA	Clavier	46.35	307	P	P	22 52 41.5	+1.7
THEF	They Montfort	46.40	304	eP	P	22 52 38.8	-1.4
SAOP	Saorge	46.44	297	eP	P	22 52 40.2	-0.5
AUTN	L'Aution	46.53	298	eP	P	22 52 41.2	-0.1
SBF	Sospel	46.56	297	eP	P	22 52 41.2	-0.4
SBF	Sospel	46.56	297	eP	P	22 52 41.2	-0.4
SBF	Sospel	46.56	297	eP	P	22 52 41.2	-0.4
SBF	Sospel	46.56	297	eP	P	22 52 41.2	-0.4
LPG	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPG	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPG	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPG	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPG	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPL	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPL	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPL	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LPL	La Plagne	46.58	300	eP	P	22 52 41.6	-0.1
LUCF	Luceram	46.62	297	eP	P	22 52 41.7	-0.3
REVF	Revere	46.65	297	eP	P	22 52 41.8	-0.5
TIOUF	Mont Tournerai	46.65	298	eP	P	22 52 42.1	-0.2
GIVF	Givet	46.72	306	eP	P	22 52 42.5	-0.2
GIVF	Givet	46.72	306	eP	P	22 52 42.5	-0.2
GIVF	Givet	46.72	306	eP	P	22 52 42.5	-0.2
GIVF	Givet	46.72	306	eP	P	22 52 42.5	-0.2
CABF	La Chapelle	46.73	301	eP	P	22 52 42.1	-0.8
CABF	La Chapelle	46.73	301	eP	P	22 52 42.1	-0.8
CABF	La Chapelle	46.73	301	eP	P	22 52 42.1	-0.8
CABF	La Chapelle	46.73	301	eP	P	22 52 42.1	-0.8
BNI	Bardonecchia	46.75	299	eP	P	22 52 42.4	-0.6
BNI	Bardonecchia	46.75	299	eP	P	22 52 42.4	-0.6
MFV	Mont Vial	46.75	297	eP	P	22 52 42.6	-0.5
MBDF	Montbardon	46.77	299	eP	P	22 52 42.3	-0.9
MBDF	Montbardon	46.77	299	eP	P	22 52 42.3	-0.9
MBDF	Montbardon	46.77	299	eP	P	22 52 42.3	-0.9
MBDF	Montbardon	46.77	299	eP	P	22 52 42.3	-0.9
UCC	Uccle	46.86	307	P	P	22 52 45.3	+1.5
DOU	Dourbes	46.86	306	P	P	22 52 43.8	0.0
MEZF	Maizieres J'vi	46.94	304	eP	P	22 52 44.2	-0.3
MEZF	Maizieres J'vi	46.94	304	eP	P	22 52 44.2	-0.3
MEZF	Maizieres J'vi	46.94	304	eP	P	22 52 44.2	-0.3
CALN	Calern	46.97	297	eP	P	22 52 43.9	-0.9
BAIF	Baives	47.11	306	eP	P	22 52 45.7	-0.1
BAIF	Baives	47.11	306	eP	P	22 52 45.7	-0.1
BAIF	Baives	47.11	306	eP	P	22 52 45.7	-0.1
BAIF	Baives	47.11	306	eP	P	22 52 45.7	-0.1
FRF	La Forest Royal	47.20	297	eP	P	22 52 45.5	-1.1
FRF	La Forest Royal	47.20	297	eP	P	22 52 45.5	-1.1
FRF	La Forest Royal	47.20	297	eP	P	22 52 45.5	-1.1
FRF	La Forest Royal	47.20	297	eP	P	22 52 45.5	-1.1
LMR	La Moure	47.36	297	eP	P	22 52 46.7	-1.2
SMRF	Simiane la Rot	47.81	298	eP	P	22 52 50.7	-0.7
SMRF	Simiane la Rot	47.81	298	eP	P	22 52 50.7	-0.7
KEST	Kesra	47.82	286	P	P	22 52 52.1	-0.4
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
LOR	Lormes	48.03	303	eP	P	22 52 51.7	-1.3
VIVF	Saint-Julien-l'Arche	48.17	299	eP	P	22 52 53.5	-0.6
VIVF	Saint-Julien-l'Arche	48.17	299	eP	P	22 52 53.5	-0.6
VIVF	Saint-Julien-l'Arche	48.17	299	eP	P	22 52 53.5	-0.6
VIVF	Saint-Julien-l'Arche	48.17	299	eP	P	22 52 53.5	-0.6
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SMF	Signal de Mont	48.21	302	eP	P	22 52 53.3	-1.1
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
SSF	Saint Sault	48.32	303	eP	P	22 52 53.8	-1.4
LRW	Lerwick	48.35	321	eP	P	22 52 54.1	-1.1
LRW	Lerwick	48.35	321	eP	P	22 52 54.1	-1.1
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
AVF	Avril sur Loir	48.49	302	eP	P	22 52 55.8	-0.8
PLDF	La Plantade	48.55	301	eP	P	22 52 56.3	-0.7
PLDF	Humbigny	48.93	303	eP	P	22 52 58.6	-0.5
HYF	Humbigny	48.93	303	eP	P	22 52 58.6	-0.5
AGO	Saint Agoutin	48.95	301	eP	P	22 52 59.2	-0.1
BGF	Bois d'Agland	48.99	302	eP	P	22 52 58.6	-1.0
BGF	Bois d'Agland	48.99	302	eP	P	22 52 58.6	-1.0
BGF	Bois d'Agland	48.99	302	eP	P	22 52 58.6	-1.0
BGF	Bois d'Agland	48.99	302	eP	P	22 52 58.6	-1.0
BGF	Bois d'Agland	48.99	302	eP	P	22 52 58.6	-1.0
LASF	Ste Croix	48.96	299	eP	P	22 52 59.9	-0.3
LBL	Lubilhac	49.02	300	eP	P	22 53 00.0	-0.4
PYM	Petit Puy Mans	49.02	301	eP	P	22 53 00.0	-0.6
CMAH	Djebel Manchou	49.03	288	P	P	22 53 02.0	+1.1
ABSA	Djebel Ababsia	49.13	288	P	P	22 53 03.5	+1.9
JOW	Kunigami	49.24	86	P	P	22 53 03.0	+0.5
JOW	comp=Z,33nm,0.9s,mb5.4,baz=286,slow=7.2,SNR=11						

2007 JUL							
TCF	Toulx Ste Croi	49.39	302	eP	P	22 53 03.0	-0.5
TCF	Toulx Ste Croi	49.39	302	eP	P	22 53 03.0	-0.5
TCF	Toulx Ste Croi	49.39	302	eP	P	22 53 03.0	-0.5
TCF	Toulx Ste Croi	49.39	302	eP	P	22 53 03.0	-0.5
CAEH	'Ain El Ouahch	49.40	289	P	P	22 53 05.0	+1.4
CKFL	Kef-Lehark	49.64	288	P	P	22 53 07.0	+1.5
HPK	Haravah Park	49.74	313	eP	P	22 53 04.9	-1.1
HPK	Haravah Park	49.74	313	eP	P	22 53 04.9	-1.1
XSO	Sourhoge Farm	49.74	315	eP	P	22 53 05.1	-0.9
MLA1	Latheron	49.76	318	eP	P	22 53 05.7	-1.0
SKP1	Kophill	49.80	310	eP	P	22 53 05.7	-1.0
CWF	Charwood Fore	49.84	311	eP	P	22 53 06.0	-0.8
CWF	Charwood Fore	49.84	311	eP	P	22 53 06.0	-0.8
KBH1	Birley Grange	49.85	312	eP	P	22 53 06.5	-0.3
MCOD	Coleburn Disti	49.85	317	eP	P	22 53 06.2	-0.7
XAL	Allendale	49.86	314	eP	P	22 53 07.0	-0.4
CASM	Ain Smara	49.87	288	P	P	22 53 09.0	+1.8
CAF	Calviac	49.91	300	eP	P	22 53 07.0	-0.4
CAF	Calviac	49.91	300	eP	P	22 53 07.0	-0.4
CAF	Calviac	49.91	300	eP	P	22 53 07.0	-0.4
CAF	Calviac	49.91	300	eP	P	22 53 07.0	-0.4
CAF	Calviac	49.91	300	eP	P	22 53 07.0	-0.4
CFTEI	Djebel Bou Aff	50.21	288	P	P	22 53 09.5	+1.2
KWE	Weaver Farm	50.09	310	eP	P	22 53 08.0	-0.6
EBL	Broad Law	50.12	315	eP	P	22 53 08.3	-0.6
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
RJF	Les Rejaudou	50.16	301	eP	P	22 53 09.0	-0.3
WOL	Wolverton	50.16	309	eP	P	22 53 08.6	-0.6
EDI	Edinburgh	50.16	315	eP	P	22 53 08.8	-0.4
EDI	Edinburgh	50.16	315	eP	P	22 53 08.8	-0.4
EJON	La Jonquera	50.16	297	P	P	22 53 09.9	+0.5
DFRA	Djebel Bou Aff	50.21	288	P	P	22 53 10.0	+0.2
LDF	La Druitiere	50.23	305	eP	P	22 53 08.8	-1.

EPON	Pontenova	56.67 301	P	P	22 53 56.0	-1.1
ECOG	Cogollos-Vega	56.77 293	P	P	22 53 56.6	-1.4
ECOG	Cogollos-Vega	56.77 293	P	P	22 53 56.6	-1.4
EGUA	Guajares	56.96 293	P	P	22 53 59.5	+0.1
EGUA	Guajares	56.96 293	P	P	22 53 59.5	+0.1
ECAL	Calabor	56.97 300	P	P	22 53 58.6	-0.7
EALB	Alboran	56.98 292	P	P	22 53 59.8	+0.3
PBRG	Braganca	57.03 300	eP	P	22 54 01.1	+1.4
ERUA	La Rua	57.05 300	P	P	22 53 59.2	-0.7
ERUA	La Rua	57.05 300	P	P	22 53 59.2	-0.7
ERON	Agron	57.05 293	P	P	22 53 60.0	0.0
EADA	Adamuz	57.09 295	P	P	22 53 59.3	-1.0
ELUQ	Luque	57.14 294	P	P	22 53 59.3	-1.3
ELUQ	Luque	57.14 294	P	P	22 53 59.3	-1.3
ELOJ	Sierra Loja	57.24 294	P	P	22 53 58.9	-2.5
ELOJ	Sierra Loja	57.24 294	P	P	22 53 58.9	-2.5
MVO	Moncorvo	57.49 299	eP	P	22 54 02.5	-0.5
MVO	Moncorvo	57.49 299	eS	LR	23 01 59.4	-0.3
STS	Santiago	57.78 301	P	P	22 54 04.1	-1.0
STS	Santiago	57.78 301	P	P	22 54 04.1	-0.9
ELOB	Lobios	57.89 300	P	P	22 54 05.4	-0.4
PCAB	Cabrill	57.94 300	eP	P	22 54 06.2	+0.1
EMIJ	Mijas	57.95 293	P	P	22 54 07.1	-1.6
EMAZ	Mazaricos	58.04 302	P	P	22 54 06.6	-0.3
MTE	Manteigas	58.18 298	eP	P	22 54 08.0	+0.1
MTE	Manteigas	58.18 298	eS	LR	23 02 12.5	+3.8
MTE	Manteigas	58.18 298	eLR	LR	23 13 10.6	
EZAM	Zamans	58.20 301	P	P	22 54 04.3	-3.6
EZAM	Zamans	58.20 301	P	P	22 54 04.3	-3.7
PVVS	Viseu	58.28 299	eP	P	22 54 05.5	-0.1
PCBR	Castelo Branco	58.28 298	eP	P	22 54 10.5	+1.2
PETK	Petropavlovsk	58.48 45	eP	P	22 54 10.1	+0.3
PETK	Petropavlovsk	58.48 45	eP	P	22 54 09.6	-0.2
EJIF	Jimena Fronter	58.50 293	P	P	22 54 07.8	
EJIF	Jimena Fronter	58.50 293	P	P	22 54 08.5	-1.7
PMRV	Marv???	58.51 297	eP	P	22 54 09.9	-0.3
PMRV	Marv???	58.51 297	eS	LR	23 02 16.6	+3.7
EBAD	Badajoz	58.54 296	P	P	22 54 09.4	-1.0
ESPR	Espora	58.59 294	P	P	22 54 09.1	-1.7
SUMG	Summit	58.63 341	eP	P	22 54 11.0	+0.5
EMIN	Mina Concepcio	58.75 295	P	P	22 54 10.3	-1.6
PBAR	Barrancos	58.82 296	eP	P	22 54 11.8	-0.6
PBAR	Barrancos	58.82 296	eS	LR	23 02 19.5	+2.4
PESTR	Estremoz	59.00 297	eP	P	22 54 12.6	-0.3
PESTR	Estremoz	59.00 297	eS	LR	23 02 22.2	+4.2
PET	Petropavlovsk	59.04 45	eP	P	22 54 11.9	-1.8
PET	Petropavlovsk	59.04 45	eP	P	22 54 12.5	-1.2
PET	Petropavlovsk	59.04 45	eS	LR	23 02 13.8	-5.7
PTOM	Tomar	59.12 298	eP	P	22 54 14.4	-0.1
EVO	Evora	59.34 297	eP	P	22 54 16.3	+0.3
EVO	Evora	59.34 297	eP	P	22 54 16.9	+0.9
EVO	Evora	59.34 297	eP	P	22 56 13.8	-1.3
EGRO	El Granado	59.43 295	P	P	22 54 15.8	-0.9
PBEJ	Beja	59.47 296	eP	P	22 54 16.7	-0.2
MOE	Montemor	59.58 297	eP	P	22 54 19.4	+1.8
MOE	Montemor	59.58 297	eP	P	22 56 18.0	-1.1
MDT	Midelt	59.60 289	LR	P	23 23 39.8	
PVAQ	Vaqueiros	59.66 295	eP	P	22 54 18.0	-0.2
PVAQ	Vaqueiros	59.66 295	eS	LR	23 02 28.8	+0.9
PBDV	Barranco-do-Ve	59.88 295	eP	P	22 54 19.7	0.0
PBDV	Barranco-do-Ve	59.88 295	eS	LR	23 02 31.4	+0.6
PMAFR	Mafra	60.03 298	eP	P	22 54 21.9	+1.2
PMAFR	Mafra	60.03 298	eLR	LR	23 14 28.9	
PTEO	Sao Teotonio	60.30 296	eP	P	22 54 23.9	+1.3
MORF	Marmeleira	60.36 296	eP	P	22 54 24.2	+1.2
MORF	Marmeleira	60.36 296	eLR	LR	23 20 25.8	
PVFI	Vila Bispo	60.56 296	eP	P	22 54 26.3	+1.9
PFO	Ambohidratempo	61.26 205	P	P	22 54 28.5	-0.6
ABPO	Ambohipanamp	61.66 205	eP	P	22 54 32.1	+0.3
KAPI	Kappang	63.06 122	PFAKE	LR	22 54 50.0	+8.5
SFJD	Kangerlussuaq	65.34 338	iP	P	22 54 54.7	-1.0
SFJD	Kangerlussuaq	65.34 338	iP	P	23 03 41.8	+3.3

SFJD	Torodi Ar. Sit	65.43 267	eP	P	22 54 55.1	-1.9
TORD	Torodi Ar. Bea	65.43 267	P	P	22 54 54.9	-2.2
TORD	Torodi Ar. Bea	65.43 267	P	P	23 03 39.0	-2.0
LSZ	Lusaka	66.90 225	eP	P	22 55 05.6	-0.7
LSZ	Lusaka	66.90 225	P	P	22 55 07.8	+1.5
LSZ	Lusaka	66.90 225	eP	P	22 55 05.6	-0.7
SMY	Shemya	67.31 40	PFAKE	LR	22 55 20.0	+12
GUMU	Guam	69.46 89	P	P	22 55 22.5	0.0
BATI	Baumata	69.50 123	LR	P	23 29 00.1	
IMA2	Indian Mountain	69.90 18	eP	P	22 55 24.2	-0.2
CMLA	Cha da Macela	71.54 304	eLQ	P	22 57 57.4	
CMLA	Cha da Macela	71.54 304	PFAKE	LR	22 56 50.0	+15
INIK	Inuvik	71.55 9	eP	P	22 55 34.3	-0.1
COLA	College	72.23 16	iP	P	22 55 38.6	0.0
SVWZ	Parvevoh	73.46 21	eP	P	22 55 45.9	-0.1
EGAK	Eagle	73.65 14	eP	P	22 55 47.0	0.0
EGAK	Eagle	73.65 14	LR	LR	22 55 50.5	-2.2
DBIC	Dimpbok	74.47 266	P	P	23 29 13.3	
DBIC	Dimpbok	74.47 266	LR	LR	22 55 52.8	-0.7
PMR	Palmer	74.76 18	eP	P	22 55 53.1	
PMR	Palmer	74.76 18	LR	LR	22 55 52.8	-0.7
PMR	Palmer	74.76 18	eP	P	22 55 52.3	-2.7
LIC	Lieke	74.88 266	eP	P	22 55 52.3	-2.7
LIC	Lieke	74.88 266	eMLR	MLR	22 55 52.3	-2.7
LIC	Lieke	74.88 266	eP	P	22 55 56.6	-0.8
LIC	Lieke	74.88 266	eP	P	22 55 56.7	-1.4
TSUM	Tsumeb	76.15 231	eP	P	22 56 01.4	-0.6
TSUM	Tsumeb	76.15 231	LR	LR	22 56 01.7	-0.8
LBTB	Lobatse	76.26 221	eP	P	22 56 02.2	-0.3
LBTB	Lobatse	76.26 221	P	P	22 56 04.0	+0.6
FITZ	Fitzroy Crossi	76.65 127	eP	P	22 56 04.5	-0.4
KDAK	Kodiak Island	77.07 22	eP	P	22 56 06.8	0.0
KDAK	Kodiak Island	77.07 22	LR	LR	22 56 05.4	-2.7
KAKA	Kakadu	77.21 118	eP	P	22 56 16.1	-0.2
YKA	Yellowknife Ar	78.81 2	P	P	23 06 02.2	
YKA	Yellowknife Ar	78.81 2	P	P	22 56 16.1	-0.2
YKA	Yellowknife Ar	78.81 2	P	P	23 06 02.2	
BOSA	Boshof	79.39 219	P	P	22 56 18.9	-1.0
BOSA	Boshof	79.39 219	LR	LR	22 56 18.9	-1.0
BOSA	Boshof	79.39 219	P	P	23 32 46.6	
BOSA	Boshof	79.39 219	P	P	22 56 19.6	-0.3
SCHO	Schefferville	79.70 337	P	P	22 56 21.2	-0.1
SCHO	Schefferville	79.70 337	LR	LR	22 56 32.6	
DLBC	Dease Lake	81.46 11	eP	P	22 56 31.1	+0.4
FCC	Fort Churchill	81.80 352	eP	P	22 56 32.0	-0.5
FCC	Fort Churchill	81.80 352	eP	P	22 56 32.1	-0.4
KLBR	Kellerberrin	82.79 141	eP	P	22 56 38.4	+0.5
WRAK	Wrangell Island	83.03 13	eP	P	22 56 39.5	+0.5
WRA	Warrungana Arr	83.60 122	P	P	22 56 41.4	-1.0
WRA	Warrungana Arr	83.60 122	P	P	23 40 23.0	
WRA	Warrungana Arr	83.60 122	P	P	22 56 41.4	-1.0
WRAB	Tennant Creek	83.60 122	eP	P	22 56 40.8	-1.6
WRAB	Tennant Creek	83.60 122	eP	P	22 56 40.8	-1.6
WB2	Warrungana Arr	83.61 122	eP	P	22 56 41.4	-1.0
ASAR	Asara Springs	85.96 125	P	P	22 56 53.5	-0.7
ASAR	Asara Springs	85.96 125	LR	LR	23 14 54.4	+0.4
FFC	Flin Flon	86.47 356	eP	P	22 56 55.5	-0.8
FFC	Flin Flon	86.47 356	LR	LR	22 56 55.5	-0.9
FFC	Flin Flon	86.47 356	P	P	22 57 01.7	-0.5
FORT	Forrest	87.62 133	eP	P	22 57 04.8	+0.4
EDM	Edmonton	88.14 2	eP	P	22 57 14.7	-0.3
ULM	Lac du Bonnet	90.37 351	P	P	22 57 14.7	-0.3
ULM	Lac du Bonnet	90.37 351	P	P	23 39 18.0	
LBNH	Lisbon	90.52 334	PFAKE	LR	22 57 30.0	+14
FRNY	Flat Rock	90.55 335	eP	P	22 57 15.8	-0.1
LDNY	Lake Ozonia	91.06 336	eP	P	22 57 18.5	+0.2
MDV	Midlevbury	91.15 335	eP	P	22 57 18.4	-0.4
NCB	Newcomb	91.52 335	PFAKE	LR	22 57 30.0	+10
A07A	Ashnola River	91.85 7	iP	P	22 57 22.6	+0.7
CTA	Charters Tower	91.89 114	eP	P	22 57 22.6	+0.2
CTA	Charters Tower	91.89 114	eP	P	22 57 22.6	+0.2
WES	Weston	91.94 333	PFAKE	LR	22 57 30.0	+7.6

EYMN	Ely	92.01 348	eP	P	22 57 22.6	-0.1
A08A	Ashnola River	92.04 6	iP	P	22 57 23.2	+0.4
A09A	Danville	92.08 6	iP	P	22 57 22.9	0.0
A10A	Northport	92.15 5	iP	P	22 57 24.0	+0.7
B06A	Marblemount	92.26 8	iP	P	22 57 24.1	+0.3
WALA	Waterson Lakes	92.28 3	eP	P	22 57 23.7	-0.1
AGMN	Agassiz Refuge	92.29 351	eP	P	22 57 23.4	-0.5
AGMN	Agassiz Refuge	92.29 351	LR	LR	22 57 24.1	0.0
RPW	Rockport	92.32 8	eP	P	22 57 25.3	+0.6
B05A	Bryant	92.44 8	iP	P	22 57 25.3	+0.6
B07A	Winthrop	92.45 7	iP	P	22 57 25.3	+0.6
B04A	Port Angeles	92.47 9	iP	P	22 57 26.3	+1.5
JCW	Jim Creek	92.53 8	P	P	22 57 25.5	+0.5
B08A	Colville Reser	92.63 7	iP	P	22 57 25.5	+0.1
B09A	Rice	92.66 6	iP	P	22 57 26.3	+0.6
B11A	Sandpoint	92.77 5	iP	P	22 57 27.5	+1.3
B12A	Libby	92.79 4	iP	P	22 57 28.1	+1.9
DGMT	Dagmar	92.83 356	PFAKE	LR	22 57 40.0	+14
C04A	Brinnon	92.88 9	iP	P	22 57 27.6	+1.0
NEW	Newport	92.90 5	eP	P	22 57 27.0	+0.3
NEW	Newport	92.90 5	eP	P	22 57 27.0	+0.3
B13A	Whitefish	92.94 3	iP	P	22 57 26.8	-0.2
GWN	Green Mountain	93.04 9	eP	P	22 57 27.7	+0.3
C05A	Toit Reservoir	93.05 8	iP	P	22 57 28.0	+0.5
NLWA	Neilton Lookou	93.08 10	eP	P	22 57 28.0	+0.4
C08A	Higginbotham F	93.22 6	iP	P	22 57 29.3	+1.1
C09A	Chrisman Ranch	93.27 6	iP	P	22 57 29.0	+0.5
ETW	Entiat	93.28 7	eP	P	22 57 28.9	+0.3
COWI	Conover	93.39 346	eP	P	22 57 28.6	-0.5
EGMT	Eagleton	93.40 0	eP	P	22 57 29.5	+0.4
EGMT	Eagleton	93.40 0	LR	LR	22 57 29.1	0.0
C14A	Swan Lake	93.57 3	iP	P	22 57 30.0	+0.1
C13A	Hot Springs	93.63 3	iP	P	22 57 30.6	+0.5
OD2	Odessa Site #2	93.64 6	eP	P	22 57 31.1	+0.9
GLMI	Graying	93.65 343	PFAKE	LR	22 57 40.0	+10
GLMI	Graying	93.65 343	PFAKE	LR	22 57 40.0	+10
BINY	Binghamton	93.68 336	PFAKE	LR	22 57 31.6	0.0
BINY	Binghamton	93.68 336	LR	LR	22 57 31.6	0.0

Table of astronomical observations for 2007 July, including station names (e.g., JWFS Jewell Farm), coordinates, and observation details.

Table of astronomical observations for 2007 July, including station names (e.g., SNCC San Nicolas Is), coordinates, and observation details.

Table of astronomical observations for 2007 July, including station names (e.g., TWA Mucha), coordinates, and observation details.

AGG THL Klokotos Trika 1.19 275 eSg Sg 23 26 30.2 +0.4

IDC 21 23:40:53.0:12.0, 1733S-17817W, h499km, 160km, mb3.2/6, mb1 3.6/6, mb1mx3.2/17, mbtmp3.2/6, Error ellipse: s-maj=130.5km s-min=35.1km az=164.0, Fiji Islands region

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

IDC 21 23:43:38.4:3.0, 470S-13328E, h0km, mb3.7/1, mb1 3.9/4, mb1mx3.6/14, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=130.0km s-min=29.0km az=81.0, Irian Jaya region

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

NEIC 22 00:00:12.1, 3491N-11695W, h8km, ML3.5(PAS), 5C-2D, After PAS., Southern California

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

ISCJB 22 00:03:31.3:1.6, 180S-03-1780W, 0.2, h399km, 21km, mb3.5/10, Error ellipse: s-maj=58.4km s-min=16.5km az=150.2

NEIC 22 00:03:32.6:1.3, 1808S-17791W, h408km, 16km, mb3.3/3, Error ellipse: s-maj=46.9km s-min=12.5km az=150.0

IDC 22 00:03:32.8:2.5, 1808S-17790W, h408km, 28km, mb3.4/7, mb1 3.7/8, mb1mx3.4/18, mbtmp3.4/8, Error ellipse: s-maj=48.6km s-min=15.7km az=150.0

ISC 22 00:03:32.3:1.6, 181S-03-1780W, 0.2, h397km, 21km, n16, c=067/13, mb3.5/10, Fiji Islands region

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

IDC 22 00:20:13.5:2.5, 1725S-7029W, h143km, 18km, mb3.5/4, mb1 3.5/6, mb1mx3.2/20, mbtmp3.3/6, Error ellipse: s-maj=27.5km s-min=26.1km az=59.0, Near coast of Peru

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

CSEM 22 00:35:19.0:0.2, 3852N-3077E, h8km, MD2.6, Error ellipse: s-maj=5.9km s-min=4.5km az=170.0

ISCJB 22 00:35:20.6:0.7, 3854N-004-3077E, 0.04, h10km, Error ellipse: s-maj=6.2km s-min=4.6km az=161.5

DDA 22 00:35:20.0, 3853N-3078E, h7km, 3km, MD2.6

ISC 22 00:35:20.6:0.7, 3855N-004-3077E, 0.04, h5km, 9km, n9, c=059/11, Turkey

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

ISCJB 22 00:36:23.1:0.5, 270S-008-360E, 0.1, h10km, mb4.2/11, MS3.5/8, Error ellipse: s-maj=18.8km s-min=6.0km az=33.0

IDC 22 00:36:23.7:0.9, 273S-3598E, h0km, mb3.9/5, mb1 4.1/9, mb1mx3.8/25, mbtmp4.0/9, ML3.8/4, MS3.5/10, Ms1 3.5/10, ms1mx3.3/22, Error ellipse: s-maj=27.3km s-min=14.9km az=123.0

NEIC 22 00:36:24.5:0.7, 273S-3598E, h10km, mb4.7/2, Error ellipse: s-maj=22.4km s-min=11.4km az=123.0

ISC 22 00:36:24.4:0.5, 270S-008-360E, 0.1, h10km, n27, c=126/27, mb4.2/11, MS3.5/8, Tanzania

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

ISCJB 22 00:47:56.7:1.7, 1577S-17321W, h0km, mb3.9/7, mb1 4.2/6, mb1mx4.0/20, mbtmp3.9/7, MS3.3/1, Ms1 3.3/1, ms1mx2.8/22, Error ellipse: s-maj=135.7km s-min=19.3km az=150.0, Tonga Islands

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

ISCJB 22 01:10:46.9:0.6, 4042N-004-3433E, 0.05, h8km, 7km, Error ellipse: s-maj=7.6km s-min=5.2km az=135.6

CSEM 22 01:10:46.2:0.1, 4043N-3437E, h8km, MD2.6, Error ellipse: s-maj=3.2km s-min=1.8km az=43.0

ISC 22 01:10:46.3, 4040N-3432E, h15km, MD2.8

DDA 22 01:10:47.1, 4034N-3459E, h7km, 1km, MD2.6

ISC 22 01:10:47.4:0.6, 4042N-003-3433E, 0.05, h8km, 7km, n8, c=078/14, Turkey

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

CSEM 22 01:17:16.4:8.1, 4239N-4341E, h10km, MD3.5, Error ellipse: s-maj=41.7km s-min=4.1km az=59.0

ISCJB 22 01:17:15.9:0.4, 4225N-002-4351E, 0.04, h1km, 4km, Error ellipse: s-maj=4.4km s-min=2.8km az=178.7

TIF 22 01:17:16.1, 4226N-4382E, h9km, 2km

MOS 22 01:17:16.4:2.4, 4229N-4336E, h15km, mb3.8/1, Error ellipse: s-maj=12.4km s-min=6.5km az=81.2

ISC 22 01:17:17.1, 4229N-4332E, h8km, MD3.5

ISC 22 01:17:16.8:0.4, 4225N-002-4351E, 0.04, h8km, 4km, n33, c=132/52, 3C-4D, Western Caucasus

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

IDC 22 00:46:56.5:3.3, 055N-9827E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, ML3.9/1, MS3.7/2, Ms1 3.6/2, ms1mx3.1/18, Error ellipse: s-maj=125.7km s-min=22.6km az=61.0, Northern Sumatara

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

ISCJB 22 00:47:13.0:1.6, 025N-9783E, h0km, mb4.2/7, mb1 4.3/8, mb1mx4.0/21, mbtmp4.2/8, ML4.1/1, MS3.4/2, Ms1 3.5/2, ms1mx3.1/17, Error ellipse: s-maj=51.8km s-min=18.5km az=64.0

ISCJB 22 00:47:15.5:0.8, 03N-01-978E, 0.1, h33km, mb4.2/10, MS3.7/2, Error ellipse: s-maj=20.0km s-min=11.3km az=136.3

NEIC 22 00:47:16.8:0.5, 025N-9778E, h30km, mb4.3/4, Error ellipse: s-maj=15.6km s-min=9.1km az=46.0

ISC 22 00:47:17.6:0.8, 03N-01-978E, 0.1, h35km, n19, c=069/14, mb4.2/10, MS3.7/2, Northern Sumatara

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

STKA Stephens Creek 52.30 132 LR 01 16 59.2

AFI Afiamalu 2.31 37 Pn 00 50 29.7

GR1 Grafenberg Arr 145.98 355 ePKP 01 09 39.1

ISCJB 22 01:10:46.9:0.6, 4042N-004-3433E, 0.05, h8km, 7km, Error ellipse: s-maj=7.6km s-min=5.2km az=135.6

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

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

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

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

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

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

0882/28, 1C-3D, Western Caucasus							
Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h m s ISC
GOR	Gori	0.26 318	Op	Pg	01 34 57.7 +0.4	P	
GOR	MTA	0.35 106	S	Pg	01 35 02.6 +1.7	P	
MTA	Mtatsminda	0.35 106	S	Pg	01 35 02.6 +1.7	P	
AKH	Akhalkalaki	0.74 239	P	Pg	01 35 02.7 +0.7	P	
AKH	David-gareji	0.84 114	P	Pg	01 35 07.8 +0.5	P	
DGRG	Oni	1.03 320	S	Pg	01 35 20.7 +1.4	P	
DGRG	Oni	1.03 320	S	Pg	01 35 20.7 +1.4	P	
ONI	Tsey	1.03 341	eP	Pg	01 35 25.6 +0.3	P	
ZEI	Lac	1.03 358	iP	Pg	01 35 12.4 +0.5	P	
ZEI	Lac	1.03 358	iP	Pg	01 35 12.4 +0.5	P	
LACR	Digorskoe uzie	1.03 358	iP	Pg	01 35 15.6 -0.4	P	
DIGR	Vladikavkaz	1.28 11	eP	Pg	01 35 30.7 +1.2	P	
DIGR	Vladikavkaz	1.28 11	eP	Pg	01 35 30.7 +1.2	P	
VLKR	Kora	1.31 351	iP	Pg	01 35 17.0 -0.3	P	
KORR	Sundja	1.32 15	eP	Pg	01 35 34.0 +1.0	P	
KORR	Sundja	1.32 15	eP	Pg	01 35 34.0 +1.0	P	
SNJR	Ardon	1.40 358	iP	Pg	01 35 18.7 +1.2	P	
SNJR	Ardon	1.40 358	iP	Pg	01 35 18.7 +1.2	P	
ARNR	Lesken	1.53 345	iP	Pg	01 35 18.9 +0.0	P	
ARNR	Lesken	1.53 345	iP	Pg	01 35 18.9 +0.0	P	
LSNR	Kars	1.56 208	P	Pg	01 35 36.3 -0.1	P	
LSNR	Kars	1.56 208	P	Pg	01 35 36.3 -0.1	P	
DIGO	Batakoyurt	1.59 5	eP	Pg	01 35 20.6 +0.9	P	
BTKR	Batakoyurt	1.59 5	eP	Pg	01 35 20.6 +0.9	P	

TRN 22 01:57:53.6, 1519N-6022W, h10km, MD3.6, M2.7(FDF), 1C, Leeward Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h m s ISC
MVM	Montagne Vaucl	0.91 226	eP	Pg	01 58 14.2 +3.0	P	
FDF	Fort de France	1.01 243	iP	Pg	01 58 15.1 +2.0	P	
FDF	Fort de France	1.01 243	iP	Pg	01 58 15.1 +2.0	P	
BIM	Bigot	1.06 231	eP	Pg	01 58 31.9 +5.6	P	
BIM	Bigot	1.06 231	eP	Pg	01 58 31.9 +5.6	P	
SLB	Belfond	1.57 211	eP	Pg	01 58 16.2 +2.1	P	
SLB	Belfond	1.57 211	eP	Pg	01 58 16.2 +2.1	P	
SVB	Belmont	2.16 208	eP	Pg	01 58 45.1 +3.1	P	
SVB	Belmont	2.16 208	eP	Pg	01 58 45.1 +3.1	P	

NEIC 22 02:01:14.0, 3115S-6849W, h150km, MD3.6(GUC), After GUC

GUC 22 02:01:14.0, 3115S-6849W, h150km, MD3.6, ML3.7, 11C-5D, San Juan Province

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h m s ISC
CMCH	Combarbala	2.15 269	Op	Pn	02 01 51.4 +0.6	P	
CMCH	Combarbala	2.15 269	Op	Pn	02 01 51.4 +0.6	P	
TLT	Tololo Astrono	2.22 296	iP	Pn	02 02 20.1 +0.9	P	
TLT	Tololo Astrono	2.22 296	iP	Pn	02 02 20.1 +0.9	P	
TLT	Tololo Astrono	2.22 296	iP	Pn	02 02 21.4 +1.4	P	
JACH	Jahuel	2.35 229	iP	Pn	02 01 54.1 +0.9	P	
JACH	Jahuel	2.35 229	iP	Pn	02 01 54.1 +0.9	P	
OVCH	Ovalle	2.39 282	iP	Pn	02 02 24.6 +1.1	P	
OVCH	Ovalle	2.39 282	iP	Pn	02 02 24.6 +1.1	P	
OVCH	Ovalle	2.39 282	iP	Pn	02 02 24.9 +0.6	P	
OVCH	Ovalle	2.39 282	iP	Pn	02 02 24.9 +0.6	P	

CHNG Los Chungos 2.67 253 eP Pn 02 01 57.3 +0.1

LSCH La Serena 2.68 297 iS Pn 02 02 59.0 +0.7

PSL Peldehue 2.72 223 iP Pn 02 01 58.2 +0.4

PEL Peldehue 2.72 223 iP Pn 02 01 58.2 +0.4

ROCH EI Roble 2.81 229 iS Pn 02 01 59.8 +1.0

ROCH EI Roble 2.81 229 iS Pn 02 01 59.8 +1.0

CLCH Cerro Calan 2.83 217 iP Pn 02 02 00.0 +0.9

CLCH Cerro Calan 2.83 217 iP Pn 02 02 00.0 +0.9

LCO Las Campanas 2.87 318 eP Pn 02 02 06.6 +0.9

LCO Las Campanas 2.87 318 eP Pn 02 02 06.6 +0.9

ANTU Pirque 3.00 214 iP Pn 02 02 05.5 +1.2

ANTU Pirque 3.00 214 iP Pn 02 02 05.5 +1.2

TACH Talagante 3.24 219 iP Pn 02 02 04.2 -0.1

TACH Talagante 3.24 219 iP Pn 02 02 04.2 -0.1

CHCH Chadas Angostu 3.32 213 iP Pn 02 02 06.1 +0.7

CHCH Chadas Angostu 3.32 213 iP Pn 02 02 06.1 +0.7

CACH EI Canelo 3.45 210 iP Pn 02 02 08.2 +1.1

CACH EI Canelo 3.45 210 iP Pn 02 02 08.2 +1.1

LCH Las Cruces 3.49 228 iP Pn 02 02 07.6 +0.1

LCH Las Cruces 3.49 228 iP Pn 02 02 07.6 +0.1

CICH Cipreses 3.55 207 eP Pn 02 02 09.2 +0.8

CICH Cipreses 3.55 207 eP Pn 02 02 09.2 +0.8

LNV Longovillo 3.73 221 iP Pn 02 02 09.2 -1.5

LNV Longovillo 3.73 221 iP Pn 02 02 09.2 -1.5

SFDO San Fernando 4.05 211 iP Pn 02 03 01.3 -1.0

SFDO San Fernando 4.05 211 iP Pn 02 03 01.3 -1.0

LCO Las Campanas 0.49 70 eP Pn 02 04 39.6 +0.5

LCO Las Campanas 0.49 70 eP Pn 02 04 39.6 +0.5

LSCH La Serena 0.72 181 iP Pn 02 04 42.8 +0.3

LSCH La Serena 0.72 181 iP Pn 02 04 42.8 +0.3

VACH Vallenaar 0.73 35 eP Pn 02 04 52.8 +0.5

VACH Vallenaar 0.73 35 eP Pn 02 04 52.8 +0.5

VACH Vallenaar 0.73 35 eP Pn 02 04 53.5 +1.0

VACH Vallenaar 0.73 35 eP Pn 02 04 53.5 +1.0

OVCH Ovalle 1.42 179 iP Pn 02 05 19.9 +0.9

OVCH Ovalle 1.42 179 iP Pn 02 05 19.9 +0.9

CPCH Copiapo 1.98 23 eP Pn 02 04 59.0 +0.5

CPCH Copiapo 1.98 23 eP Pn 02 04 59.0 +0.5

CMCH Combarbala 2.00 174 eP Pn 02 05 23.7 +1.0

CMCH Combarbala 2.00 174 eP Pn 02 05 23.7 +1.0

CDCH Caldera 2.13 10 iP Pn 02 05 00.9 +0.2

CDCH Caldera 2.13 10 iP Pn 02 05 00.9 +0.2

LSCH La Serena 0.32 249 iP Pn 02 10 08.9 +0.2

LSCH La Serena 0.32 249 iP Pn 02 10 08.9 +0.2

TLT Tololo Astrono 0.38 167 eP Pn 02 10 00.5 +1.0

TLT Tololo Astrono 0.38 167 eP Pn 02 10 00.5 +1.0

LCO Las Campanas 0.80 13 eP Pn 02 10 03.7 +0.4

LCO Las Campanas 0.80 13 eP Pn 02 10 03.7 +0.4

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h m s ISC
CMCH	Combarbala	1.38 183	iP	Pn	02 10 29.1 +0.9	P	
CMCH	Combarbala	1.38 183	iP	Pn	02 10 10.3 +0.2	P	
CMCH	Combarbala	1.38 183	iP	Pn	02 10 29.1 +0.9	P	
CMCH	Combarbala	1.38 183	iP	Pn	02 10 32.1	P	
CMCH	Combarbala	1.38 183	iP	Pn	02 10 32.1	P	

ISCJB 22 02:13:03.1, 0.4, 3818N-002-2670E, h10km, Error ellipse: s-maj=3.7km s-min=3.2km az=154.8

CSEM 22 02:13:03.0, 0.1, 3819N-2677E, h10km, Md2.5, Error ellipse: s-maj=1.3km s-min=1.2km az=105.0

DDA 22 02:13:03.2, 3820N-2677E, h7km, Md2.5, Error ellipse: s-maj=1.3km s-min=1.2km az=105.0

THE 22 02:13:03.8, 3824N-2677E, h1km, Md2.5, Error ellipse: s-maj=1.3km s-min=1.2km az=105.0

ISC 22 02:13:03.5, 0.4, 3818N-002-2673E, h3km, Md2.5, Error ellipse: s-maj=1.3km s-min=1.2km az=105.0

URLA Izmir 0.20 329 iP Pn 02 13 07.4 -0.1

BLBC Balcova 0.32 51 eP Pn 02 13 09.8 +0.1

KDAG Bornova 0.48 63 iP Pn 02 13 10.0 +0.2

CHOS Chios island 0.57 291 eP Pn 02 13 17.8 -1.1

GCAM Gzelecam? 0.63 140 iP Pn 02 13 21.1 +0.4

AYDN Tasoluk 1.05 119 iP Pn 02 13 23.6 0.0

AKHS Akhisar 1.10 51 iP Pn 02 13 23.9 -0.6

PRK Parasevi 1.12 342 eP Pn 02 13 39.1 +0.3

AYVA Ayvalik 1.12 359 iP Pn 02 13 39.3 -0.1

BDRM Kayabasi 1.25 153 iP Pn 02 13 24.6 -0.6

BDRM Kayabasi 1.25 153 iP Pn 02 13 24.6 -0.6

APPE Apeiranthos 1.46 221 iP Pn 02 13 42.5 -1.3

BALY Baly 1.70 24 iP Pn 02 13 53.6 -2.7

DEMI Demirci 1.78 61 iP Pn 02 13 37.1 +2.0

KHAL Karahalli 2.18 84 iP Pn 02 13 59.7 +1.6

KHAL Karahalli 2.18 84 iP Pn 02 13 59.7 +1.6

IDC 22 02:39:19.3, 6.1, 3732N-7257E, h177km, 53km, mb3.5/5, mb1 3.6/8, mb1mx3.3/24, mbtmp3.5/8, Error ellipse: s-maj=49.6km s-min=31.7km az=140.0

ISCJB 22 02:39:21.6, 0.5, 3747N-004-7252E, h207km, 9km, mb3.7/8, Error ellipse: s-maj=9.3km s-min=5.5km az=150.7

NEIC 22 02:39:22.9, 1.1, 3748N-7256E, h205km, 12km, mb4.0/3, Error ellipse: s-maj=23.6km s-min=10.3km az=130.0

NNC 22 02:39:29.8, 7.7, 3815N-7250E, h198km, 54km, mb3.0, mpv4.0, Error ellipse: s-maj=78.6km s-min=42.5km az=21.0

ISC 22 02:39:22.3, 0.5, 3748N-005-7255E, h197km, 9km, n30, e1905/41, mb3.7/8, 7C-3D, Tajikistan

KBL Kabul 4.09 225 eP Pn 02 40 14.5 +0.3

THN Thein Dam 4.67 152 eP Pn 02 40 46.4 +1.2

KK02 Karatay Array 5.83 345 iP Pn 02 41 50.3 -0.3

KK02 Karatay Array 5.83 345 iP Pn 02 41 50.3 -0.3

SDNR Sundarnagar 6.99 147 eP Pn 02 41 03.1 +0.7

SDNR Sundarnagar 6.99 147 eP Pn 02 41 03.1 +0.7

SMLA Simla 7.40 148 iP Pn 02 42 28.4 -2.9

SMLA Simla 7.40 148 iP Pn 02 42 28.4 -2.9

SMLA Simla 7.40 148 iP Pn 02 42 29.0 -2.4

SMLA Simla 7.40 148 iP Pn 02 42 29.0 -2.4

KLP Kalpa 7.57 140 eP Pn 02 41 11.7 +1.8

KLP Kalpa 7.57 140 eP Pn 02 41 11.7 +1.8

JOSHI Joshimath 9.03 138 eP Pn 02 41 35.0 +6.1

JOSHI Joshimath 9.03 138 eP Pn 02 41 35.0 +6.1

JOSHI Joshimath 9.03 138 eP Pn 02 43 21.6

JOSHI Joshimath 9.03 138 eP Pn 02 43 21.6

KUDL Kundal 9.88 159 eS Pn 02 43 25.5 -5.0

SONA Sohna 9.96 156 eS Pn 02 43 26.3 -6.1

SONA Sohna 9.96 156 eS Pn 02 43 26.3 -6.1

SONA Sohna 9.96 156 eS Pn 02 43 34.3

MK05 Makanchi Array 11.77 35 iP Pn 02 42 04.2 0.0

MK05 Makanchi Array 11.77 35 iP Pn 02 42 04.2 0.0

KURB Kurchatov 13.82 16 iP Pn 02 42 31.6 +1.8

KURB Kurchatov 13.82 16 iP Pn 02 42 31.6 +1.8

KURK Kurchatov 13.92 16 iP Pn 02 42 32.8 +1.6

KURK Kurchatov 13.92 16 iP Pn 02 42 32.8 +1.6

AB02 Akbulak array 14.90 326 iP Pn 02 42 41.4 -1.8

VOSK Vostochnyy 15.28 356 iP Pn 02 42 48.1 +0.3

BVA0 Borovoye Array 15.62 355 P Pn 02 42 52.0 +0.2

22d 2h

Table with columns for station code, name, time, and status. Includes entries like OTRP Otiongan, JAGN Aguni-jima, and various other stations with their respective codes and values.

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Table with columns for station code, name, time, and status. Includes entries like CD2, CB1J, SBLU, and various other stations with their respective codes and values.

Table with columns for station code, name, time, and status. Includes entries like MDJ, MYKOT, KULUM, and various other stations with their respective codes and values.

Table of station data for the left column, including station names like CLZ, GRA1, GRI1, etc., and their associated coordinates and parameters.

Table of station data for the top section of the middle column, including station names like JCT, WCI, HKT, etc., and their associated coordinates and parameters.

ISCJB 22 03:16:25.0-0.7, 3936N-003-2024E:007, h22km, 6km, Error ellipse: s-maj=8.6km s-min=5.4km az=174.8

Table of station data for the middle section of the middle column, including station names like IGT, IGT, KEK, etc., and their associated coordinates and parameters.

ISCJB 22 03:47:43.9-0.5, 144S-01:662E:01, h10km, mb4.2/20, MS3.9/10, Error ellipse: s-maj=17.1km s-min=13.5km

Table of station data for the bottom section of the middle column, including station names like LSZ, LSZ, BOSA, etc., and their associated coordinates and parameters.

ISCJB 22 03:47:45.0-0.7, 1437S-6626E, h0km, mb4.0/13, mb1.4/2/13, mb1mx4.1/21, mbmp4.0/13, MS3.9/8

Table of station data for the top section of the right column, including station names like OLIL, OD2, ECSD, etc., and their associated coordinates and parameters.

ISCJB 22 04:12:08.5-7.5, 4541N-9196E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=53.3km s-min=42.9km az=92.0

Table of station data for the middle section of the right column, including station names like Code, Station Name, etc., and their associated coordinates and parameters.

ISCJB 22 04:24:54.0-2.0, 5231N-01:1681W:01, h29km, mb15km, n23, c0993/26, mb3.8/11, Fox Islands

Table of station data for the bottom section of the right column, including station names like NIKO, NIKO, OKCD, etc., and their associated coordinates and parameters.

Table of station data for the top section of the right column, including station names like OLIL, OD2, ECSD, etc., and their associated coordinates and parameters.

ISCJB 22 03:48:17.2-0.4, 3937N-002-4490E:003, h10km, Error ellipse: s-maj=3.3km s-min=2.8km az=29.9

Table of station data for the middle section of the right column, including station names like Code, Station Name, etc., and their associated coordinates and parameters.

ISCJB 22 04:12:07.0, 4469N-9201E, h5km, mb4.4, ML3.6, 4C-1D, Northern Xinjiang

Table of station data for the bottom section of the right column, including station names like Code, Station Name, etc., and their associated coordinates and parameters.

ISCJB 22 04:24:54.1, 5271N-1:1680W, h0km, mb3.8/12, mb1.4/0/13, mb1mx3.9/24, mbmp3.8/13, ML3.6/1, Error ellipse: s-maj=37.6km s-min=15.8km az=4.0

ISCJB 22 04:24:54.0, 5231N-01:1681W:01, h29km, mb15km, n23, c0993/26, mb3.8/11, Fox Islands

Table of station data for the top section of the right column, including station names like Code, Station Name, etc., and their associated coordinates and parameters.

ISCJB 22 04:24:54.1, 5271N-1:1680W, h0km, mb3.8/12, mb1.4/0/13, mb1mx3.9/24, mbmp3.8/13, ML3.6/1, Error ellipse: s-maj=37.6km s-min=15.8km az=4.0

Table of station data for the bottom section of the right column, including station names like NIKO, NIKO, OKCD, etc., and their associated coordinates and parameters.

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

CSEM 22:04:44:08.9, 3558N-2273E, h10km, MD3.6/3, After ATH

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VLI Veliai, YAM Vamos, ITM Ithomi.

IDC 22:05:14:32.7, 2.9, 4.72S-13376E, h0km, mb4.1/2, mb1 4.3/5,

ISJCJB 22:05:14:44.1, 2.5, 5.09S-008:1335E.02, h108km, 26km,

NEIC 22:05:14:46.2, 4.0, 5.06S-13307E, h97km, 38km, mb4.0/1,

ISC 22:05:14:45.1, 3.6, 5.1S, 02:1333E, 02: h92km, 40km, n13,

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

IDC 22:05:16:38.0, 3.0, 6.1821N-148.12E, h0km, mb3.5/5,

ISJCJB 22:05:16:42.8, 6.9, 1.816N-008:1474E.04, h28km, 52km,

ISC 22:05:16:44.9, 7.0, 1.814N-008:1475E.03, h31km, 53km, n7,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Arr, MAT Matsushiro, etc.

ATH 22:05:19:04.5, 4007N-2033E, h45km, MD3.5/4

ISCJB 22:05:19:06.0, 6.0, 3931N-003:2025E.04, h10km, Error

CSEM 22:05:19:06.7, 0.2, 3934N-20.19E, h2km, ML3.4, 4.0, Error

THE 22:05:19:06.9, 39.2M, h0km, ML3.4

ISC 22:05:19:07.2, 0.6, 3932N-003:2026E.05, h7km, 6km, n15,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

PGC 22:05:19:12.1, 0.8, 5990N-141.12W, h1km, ML3.7/4, 114km

NEIC 22:05:19:11.4, 5998N-14124W, h15km, ML3.7(PMR),

ML3.5(AEIC), ML3.7(PGC), 1C-5D, After AELC.,

Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YKUZ Yakutat, PNL Peninsula, PNL.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DHAK Deception Hill, DHAK, BMRM Bremner River, etc.

WEL 22:05:49:20.6, 1.2, 3902S-17457E, h217km, 17km, ML3.5/3,

Error ellipse: s-maj=9.6km s-min=9.0km az=90.0, North

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

IDC 22:06:31:13.1, 0.9, 320N-79.19W, h0km, mb3.8/6, mb1 4.1/12,

NEIC 22:06:31:15.8, 0.5, 325N-79.13W, h10km, mb4.3/3, Error

ISCJB 22:06:31:17.3, 1.7, 3.31N-006:7905W.009, h35km, 16km,

ISC 22:06:31:18.3, 1.5, 330N-006:7904W.008, h35km, 15km, n24,

South of Panama

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OTAV Otavalo, ROSC El Rosal, ROSC, etc.

CFAA Coronel Fontan 36.20 164 P

ANMO Albuquerque 34.48 324 eP

LAZ Lador 40.50 323 eP

PLCA Paso Flores 44.50 171 P

PDAR Pinedale Array 47.77 330 P

IMW Indian Meadow 49.29 330 eP

NVAR Mina Array Bea 50.02 320 P

YKA Yellowknife 64.68 343 P

EKA Eskdalemuir Ar 79.28 34 P

TORD Torodi Ar. Bea 80.24 17 P

MKAR Makanchi Array 127.47 16 PKP

ASAR Alice Springs 142.28 235 hPKP

WRA Warramunga Arr 143.48 240 PKP

TAP 22:06:42:45.9, 2488N-12256E, h115km, ML4.1

JMA 22:06:42:45.9, 0.2, 2491N-12266E, h112km, 3km, M3.0

ISC 22:06:42:46.4, 2.0, 249N-02:1227E.01, h112km, 20km, n8,

0554/14, Taiwan region

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

ISCJB 22:06:52:30.6, 0.9, 212N-02:948E.02, h120km, 18km,

mb3.5/3, Error ellipse: s-maj=44.5km s-min=5.3km

az=39.5

IDC 22:06:52:31.1, 5.1, 2074N-9458E, h90km, 42km, mb3.2/3,

mb1 3.4/4, mb1mx3.1/21, mbtm3.2/4, Error ellipse:

s-maj=72.3km s-min=24.2km az=62.0

ISC 22:06:52:31.2, 0.8, 210N-02:946E.01, h93km, 13km, n16,

01923/23, mb3.5/3, Myanmar

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

ISCJB 22:07:01:52.9, 0.7, 2625S-003:686W.01, h103km, 12km,

mb4.0/6, Error ellipse: s-maj=15.5km s-min=5.1km az=2.8

GUC 22:07:01:55.0, 0.7, 2621S-6886W, h120km, ML4.5

NEIC 22:07:01:55.0, 0.2, 2621S-6886W, h120km, MG4.5(GUC), After

GUC.

IDC 22:07:01:55.1, 1.9, 2627S-6853W, h108km, 18km, mb3.8/6,

mb1 3.7/10, mb1mx3.5/21, mbtm3.7/10, MS4.0/3,

Ms1 4.0/3, ms1mx2.9/33, Error ellipse: s-maj=26.9km

s-min=16.2km az=93.0

ISC 22:07:01:53.9, 0.6, 2623S-003:686W.009, h96km, 11km,

n32, 01911/39, mb4.0/6, 7C-2D, Chile-Argentina border

region

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

LLC Los Morros 3.18 332 iS

LCO Las Campanas 3.34 213 ePn

LVC Limon Verde 3.61 355 P

LVC Limon Verde 3.61 355 P

LVC Limon Verde 3.61 355 P

ATAH Atahualpa 21.28 332 P

BDFB Brasilia 21.89 65 P

SNAAS Sanas 57.15 160 P

TXAR Lajitas Array 64.68 326 pP

DBIC Dibratko 69.88 72 P

TORD Torodi Ar. Bea 78.72 69 P

TORD Torodi Ar. Bea 78.72 69 P

MAW Mawson 79.74 163 P

URZ Urewera 91.13 226 LR

RPZ Rata Peaks 91.51 219 LR

ASAR Alice Springs 125.83 206 PKP

WRA Warramunga Arr 128.99 208 PKP

MKAR Makanchi Array 149.16 41 PKP

MKAR Makanchi Array 149.16 41 PKP

MYA Malataya 0.52 45 Op

ATAB Bozova 0.56 152 iS

GZT Gaziantep 0.68 208 iS

Table with columns: SVRC, SVRICE-ELAZID, 1.14 68 ePN, Pn, 07 11 05.7 -1.0, etc.

DHMR 22 07:27:37.7-1.3, 1209N-4423E, h15km, 7km, ML3.5

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

ISCJB 22 07:30:07.0-0.7, 3735N-005:3630E-004, h2km, 8km,

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

ISCJB 22 07:37:22.3-6.1, 245S-0.1x1799E-02, h434km, 69km,

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

MEX 22 07:51:22.8-0.9, 1479N-9408W, h16km, 17km, MD4.0, Off

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

MEX 22 07:58:04.8-0.7, 1488N-9406W, h34km, 69km, MD4.1, Off

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

ISCJB 22 08:26:17.0-0.6, 3647N-002:2562E-004, h11km, 5km,

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

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

ML3.8(7HE), After: ATH, HLW 22 08:26:19.0, 3654N-2582E, h9km, Mb3.5

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

ISC 22 08:26:18.4-0.7, 3648N-002:2551E-004, h9km, 5km, n72,

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

AKASG Malin Array B, 14.46 9 Pn, 08 29 43.4 +0.2

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

BUI 22 09:34:29.8, 3850N-10129E, h10km, mb4.7, mb4.8, ML5.2,

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

GMCT 22 09:34:32.2-0.2, 3842N-10137E, h24km, 1km, MW5.075,

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

ISC 22 09:34:32.0-0.1, 3840N-002:10124E-002, h10km,

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

Table with columns: BTO, BTO, comp=N, 360nm, 0.6s, Smax, BTO, comp=E, 153nm, 0.8s, Smax

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

ISC 22 09:34:33.5-0.1, 3843N-10131E, h33km, mb4.9/72,

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

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22d 9h

Table with multiple columns containing station identifiers (DL2, DL1, DL2, etc.), call signs (Dalian, Makanchi Array, etc.), frequencies (15.94, 21.05, etc.), and various status indicators (P, S, M, etc.). The table lists numerous stations across different regions and frequencies.

Table with columns: STA, Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Stephens Creek, Evora, Edmont, etc.

IDC 22 09:52:01.0, 2.0, 1065S, 10806E, h0km, mb4.0/6, mb1.4/2.8, mb1mx3.9/18, mbmtpa, 1/8, ML, 4.3/2, MS3.6/2, Ms1 3.7/2, ms1mx3.2/28, Error ellipse: s-maj=90.9km s-min=17.7km az=50.0

NEIC 22 09:52:01.2, 0.6, 1066E, 10791E, h10km, mb4.0/2, Error ellipse: s-maj=17.3km s-min=9.3km az=212.0

ISCJB 22 09:52:02.0, 2.0, 1066E, 10794E, h0km, h33km, mb4.0/9, MS3.6/2, Error ellipse: s-maj=8.4km s-min=6.9km az=23.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Christmas Isla, Yogyakarta, Banjamegara, etc.

IDC 22 09:57:41.6, 4.1, 888S, 14997E, h0km, mb3.6/2, mb1.3/8/3, mb1mx3.4/14, mbmtpa, 3.6/3, ML, 3.1/1, Error ellipse: s-maj=169.4km s-min=49.3km az=128.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Waramunga Arr, Alice Springs, Fitzroy Crossi, etc.

BJI 22 10:08:11.5, 7.60S, 13089E, h30km, mb4.9, mb4.9, Ms4.1, Ms23.9

ISCJB 22 10:08:12.0, 2.0, 752S, 003, 13061E, 004, h20km, mb4.8/42, MS3.8/7, Error ellipse: s-maj=6.3km s-min=4.2km az=158.3

IDC 22 10:08:12.9, 0.5, 733S, 13035E, h0km, mb4.7/15, mb1.4/7/17, mb1mx4.7/20, mbmtpa, 7/17, ML, 4.7/2, MS3.8/7, Ms1 3.8/7, ms1mx3.6/18, Error ellipse: s-maj=23.4km s-min=11.6km az=84.0

NEIC 22 10:08:13.8, 0.3, 744S, 13047E, h10km, mb4.8/16, Error ellipse: s-maj=10.0km s-min=5.7km az=73.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Ambon, Kakadu, Baunata, etc.

MOS 22 10:08:14.9, 1.0, 723S, 13036E, h22km, mb4.9/10, Error ellipse: s-maj=16.6km s-min=8.7km az=110.5

ISC 22 10:08:15.1, 0.2, 749S, 003, 13063E, 004, h22km, h2km, n1.9km, pP, n125, e136, 109, mb4.8/42, MS3.8/7, 2C-1D, Tanimbar Islands region

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Sawahan, Pangkajene, Charters Tower, etc.

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Waramunga Arr, Alice Springs, Fitzroy Crossi, etc.

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Chengdu, Lanzhou, Beijing, etc.

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Khabarovsk, Songino Array, Zakamensk, etc.

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

IDC 22 09:52:00.2, 0.0, 1065S, 006, 10797E, 006, h0km, 13km, n25, e0597/27, mb4.1/9, MS3.6/2, 1C-2D, South of Jawa

KSR5	comp=Z,10nm,0.8s,baz=166,slow=4.0,SNR=8.5	LR	LR	11 14 46.8
KSR5	comp=Z,4µm,18.1s,MS5.3,baz=164,slow=36			
KSR5	Korea Array 42.08 344 P	P	P	10 57 27.8 -0.1
KSR5				10 59 23.0
KSR5	comp=Z,8.0nm,0.9s,mb4.3	pmax	pmax	
KSR5	comp=Z,10.0nm,0.8s,mb4.5	pmax	pmax	
KSR5	comp=Z,4µm,18.1s,MS5.3	MLR	MLR	
SNG	Songkhla 42.20 284 P	P	P	10 57 28.0 -1.3
WHN	comp=Z,320nm,1.1s,ms5.9	P	P	10 57 30.5 +1.3
WHN	Wuhan 42.23 324 P	S	S	11 03 54.1 +6.7
WHN		AMB	AMB	
WHN	comp=Z,2µm,3.6s	LR	LR	
WHN	comp=N,6µm,13.5s,MS5.7	LR	LR	
WHN	comp=E,3µm,13.8s,MS5.7	LR	LR	
WHN	comp=Z,6µm,17.0s,MS5.5	LR	LR	
KKTK	Khon Kaen 42.89 298 P	P	P	10 57 37.0 +2.2
GYA	comp=Z,309nm,2.0s,mb5.7			
GYA	Guiyang 44.66 313 P	P	P	10 57 47.8 -1.1
GYA		AP	pP	10 58 01.3 +1.9
GYA		PCP	pP	10 59 32.9 +1.7
GYA		PP	PP	10 59 38.3 +4.6
GYA		SCP	ScP	11 03 21.3 +0.3
GYA		S	S	11 04 24.3 +1.2
GYA		ScS	ScS	11 07 42.8 -1.5
GYA		AMB	AMB	
GYA	comp=Z,40nm,0.7s,mb5.4	AMB	AMB	
GYA	comp=Z,170nm,4.7s			
GYA	comp=N,3µm,15.5s,MS5.4	LR	LR	
GYA	comp=E,1µm,11.8s,MS5.4	LR	LR	
GYA	comp=Z,3µm,18.4s,MS5.3	LR	LR	
NST	Nakhon Sawan 45.05 295 P	P	P	10 57 52.0 -0.1
TIA	Tai'an 45.12 332 P	P	P	10 57 52.5 +0.1
TIA		XS	sS	11 04 45.0 -1.8
TIA		SS	SS	11 07 46.0 -6.8
TIA		LR	LR	
DL2	comp=N,1µm,13.0s			
DL2	Dalian 45.48 338 P	P	P	10 57 55.6 +0.4
DL2		PP	PP	10 59 42.3 +0.1
DL2		S	S	11 04 37.3 +2.8
DL2		SS	SS	11 08 01.5 +2.6
DL2		AMB	AMB	
DL2	comp=Z,30nm,0.9s,mb5.1	AMB	AMB	
DL2	comp=Z,510nm,5.5s			
DL2	comp=N,1µm,23.2s,MS5.0	LR	LR	
DL2	comp=E,1µm,20.2s,MS5.0	LR	LR	
DL2	comp=Z,1µm,23.5s,MS4.8	LR	LR	
NANT	Nan 45.72 300 P	P	P	10 57 57.0 -0.4
RAO	comp=Z,200nm,2.0s,mb5.7			
RAO	Raoul Island 46.46 129 PFAKE	LR	LR	10 58 10.0 +6.9
VLA	comp=Z,3µm,21.0s,MS5.2			
VLA	Vladivostok 46.59 350 eP	P	P	10 58 02.7 -1.2
VLA		e	e	10 59 51.6
VLA		eS	sS	11 04 51.7 +1.3
VLA		e'SS	sS	11 05 03.0 -4.8
VLA		pmax	pmax	
VLA	comp=Z,94nm,1.9s,mb5.4	MLR	MLR	
BDT	comp=Z,2µm,15.0s,MS5.3			
ASAJ	Bhumibol Dam 46.62 297 P	LR	LR	10 58 06.5 +2.0
ASAJ	Asahikawa 46.75 1 LR	P	P	11 14 28.8
ASAJ	comp=Z,2µm,21.2s,MS5.1,baz=186,slow=32			
YUK	Yuzh-Kuril'sk 46.81 4 eP	P	P	10 58 03.0 -2.5
YUK		e	e	10 59 55.0
YUK		eS	sS	11 04 56.0 +2.6
YUK		eSS	sS	11 08 04.0 -1.6
YUK		pmax	pmax	
YUK	comp=Z,2µm,7.0s			
YUK	comp=N,3µm,12.0s			
YUK	comp=E,5µm,8.0s			
KMI	Kunming 46.91 309 P	P	P	10 58 08.6 +1.9
KMI		AP	pP	10 58 18.8 +1.5
KMI		PP	PP	10 59 58.3 +0.8
KMI		S	S	11 04 56.3 +0.8
KMI		XS	sS	11 05 13.0 +0.1
KMI		ScS	ScS	11 07 57.1 -1.8
KMI		AMB	AMB	
KMI	comp=Z,98nm,1.5s,mb5.5	AMB	AMB	
KMI	comp=Z,713nm,3.1s			
KMI	comp=N,2µm,19.7s,MS5.2	LR	LR	
KMI	comp=E,2µm,20.6s,MS5.2	LR	LR	
KMI	comp=Z,4µm,20.6s,MS5.3	LR	LR	
CHRT	Chiang Mai Arr 47.12 298 P	P	P	10 58 07.0 0.0
CM31	Chiang Mai Arr 47.12 298 PFAKE	LR	LR	10 58 20.0 +12
CMAR	comp=Z,2µm,22.0s,MS5.0			
CMAR	Chiang Mai Arr 47.12 298 P	P	P	10 58 08.4 0.0
CMAR	comp=Z,3.8nm,0.4s,mb4.7,baz=118,slow=6.4,SNR=16	PcP	PcP	10 59 42.8 +2.8
CMAR	comp=Z,12nm,0.8s,baz=139,slow=2.1,SNR=7.0	LR	LR	11 19 24.4
CMAR	comp=Z,1µm,18.7s,MS5.0,baz=116,slow=38	P	P	10 58 08.4 0.0
CMAR	Chiang Mai Arr 47.12 298 P			10 59 42.8
CMAR		pmax	pmax	
CMAR	comp=Z,4.0nm,0.4s	pmax	pmax	
CMAR	comp=Z,12nm,0.9s	MLR	MLR	
AFI	comp=Z,1µm,18.7s			
AFI	Afiamalu 47.22 106 eP	P	P	10 58 10.1 +0.9
AFI	comp=Z,248nm,1.3s,mb6.0	LR	LR	
AFI	comp=Z,3µm,20.0s,MS5.3			
AFI	Afiamalu 47.22 106 P	P	P	10 58 09.5 +0.3
AFI	comp=Z,166nm,1.2s,ms5.8,baz=268,slow=16,SNR=8.0	LR	LR	11 15 28.5
AFI	comp=Z,3µm,21.4s,MS5.2,baz=270,slow=33			
AFI	Afiamalu 47.22 106 eP	P	P	10 58 10.1 +0.9
AFI		pmax	pmax	
AFI	comp=Z,248nm,1.3s,mb6.0	MLR	MLR	
CHTO	comp=Z,3µm,20.0s,MS5.3			
CHTO	Chiang Mai 47.25 299 eP	P	P	10 58 08.9 -0.5
CHTO	comp=Z,198nm,1.9s,ms5.7	ePcP	PcP	10 59 42.9 +2.5
CHTO		LR	LR	
CHTO	comp=Z,2µm,22.0s,MS5.1			
CHTO	Chiang Mai 47.25 299 P	P	P	10 58 13.3 +3.8
SNY	comp=Z,2µm,22.0s,MS5.1			
SNY	Shenyang 47.41 342 P	P	P	10 58 10.5 +0.2
SNY		AP	pP	10 58 20.8 -0.1
SNY		S	S	11 05 04.8 +2.7
SNY	comp=Z,58nm,1.1s,mb5.4	AMB	AMB	
SNY	comp=Z,1µm,6.7s	AMB	AMB	
SNY	comp=N,2µm,19.1s,MS5.3	LR	LR	
SNY	comp=E,3µm,21.8s,MS5.3	LR	LR	
SNY	comp=Z,3µm,36.5s	LR	LR	
URZ	Urewera 47.84 142 P	P	P	10 58 13.9 +0.2
URZ	comp=Z,78nm,0.9s,ms5.7,baz=335,slow=4.6,SNR=22	LR	LR	11 16 46.4
XAN	comp=Z,8µm,21.1s,MS5.7,baz=123,slow=34			
XAN	Xi'an 47.94 323 P	P	P	10 58 14.8 +0.2
XAN		AP	pP	10 58 25.0 -0.2
XAN		XP	sP	10 58 28.6 -0.8
XAN		PCP	PcP	10 59 39.6 -3.0
XAN		PP	PP	11 00 06.9 0.0

XAN	comp=Z,94nm,2.2s,mb5.4			
XAN	comp=Z,792nm,12.5s	AMB	AMB	
XAN	comp=N,950nm,15.6s	LR	LR	
XAN	comp=E,1µm,20.7s	LR	LR	
RPZ	comp=Z,3µm,23.6s			
RPZ	Rata Peaks 48.31 152 P	S	S	10 58 17.6 +0.4
RPZ	comp=Z,276nm,1.0s,mb6.2,baz=355,slow=3.0,SNR=16	eP	eP	10 58 18.0 -0.3
SNZO	South Karori 48.44 147 eP	LR	LR	
SNZO	comp=Z,4µm,21.0s,MS5.4			
MDJ	Mudanjiang 48.47 348 PFAKE	LR	LR	10 58 30.0 +12
MDJ		LR	LR	
TIY	comp=Z,3µm,21.0s,MS5.3			
TIY	Taiyuan 48.62 329 P	P	P	10 58 21.4 +1.6
TIY		AP	pP	10 58 29.5 -0.9
TIY		PP	PP	11 00 13.3 +0.3
TIY		S	S	11 05 16.0 -3.4
TIY		ScS	ScS	11 08 04.8 -4.9
TIY		AMB	AMB	
TIY	comp=Z,1µm,6.4s	LR	LR	
TIY	comp=N,4µm,15.1s,MS5.6	LR	LR	
TIY	comp=E,2µm,14.4s,MS5.6	LR	LR	
TIY	comp=Z,5µm,18.4s,MS5.6	LR	LR	
BJI	Beijing 48.67 334 P	P	P	10 58 20.0 -0.1
BJI		S	S	11 05 19.8 -0.2
BJI		SS	SS	11 08 53.0 +2.2
BJI	comp=Z,23nm,1.1s,mb5.1	AMB	AMB	
BJI	comp=Z,1.0nm,2.9s	LR	LR	
BJI	comp=N,2µm,18.5s,MS5.3	LR	LR	
BJI	comp=E,3µm,21.2s,MS5.3	LR	LR	
BJI	comp=Z,4µm,30.9s	LR	LR	
CN2	Changchun 48.67 344 eP	P	P	10 58 19.8 -0.2
CN2		eAP	pP	10 58 30.1 -0.5
CN2		SS	SS	11 08 46.9 -3.8
CN2		AMB	AMB	
CN2	comp=Z,30nm,1.0s,mb5.3	AMB	AMB	
CN2	comp=Z,1µm,7.0s	LR	LR	
CN2	comp=N,3µm,18.0s,MS5.4	LR	LR	
CN2	comp=E,2µm,18.0s,MS5.4	LR	LR	
CN2	comp=Z,3µm,19.0s,MS5.2	LR	LR	
CD2	Chengdu 49.32 316 P	P	P	10 58 26.4 +1.1
CD2		AP	pP	10 58 37.3 +1.4
CD2		PCP	PcP	10 59 49.6 +1.9
CD2		PP	PP	11 00 20.6 +1.0
CD2		PCP	PcP	11 03 44.8 +0.5
CD2		S	S	11 05 30.8 +1.3
CD2		XS	sS	11 05 47.3 +0.3
CD2		ScS	ScS	11 08 13.4 -1.4
CD2		AMB	AMB	
CD2	comp=Z,250nm,1.6s,mb6.0	AMB	AMB	
CD2	comp=Z,1µm,9.6s	LR	LR	
CD2	comp=N,3µm,16.8s,MS5.5	LR	LR	
CD2	comp=E,3µm,14.4s,MS5.5	LR	LR	
CD2	comp=Z,3µm,16.8s,MS5.4	LR	LR	
YSS	Yuzh-Sakhalins 49.59 11 eP	P	P	10 58 25.2 -1.7
YSS	Yuzh-Sakhalins 49.59 11 eP	P	P	10 58 25.0 -1.9
YSS		e'PP	pP	10 58 36.8 -0.8
YSS		e	e	11 00 24.0
YSS		eS	S	11 05 33.0 +0.4
YSS		ePS		11 05 48.0
YSS		pmax	pmax	
YSS	comp=N,30nm,1.0s	pmax	pmax	
YSS	comp=E,30nm,1.0s	pmax	pmax	
YSS	comp=Z,90nm,1.0s,mb5.8	pmax	pmax	
YSS	comp=E,500nm,7.0s	pmax	pmax	
YSS	comp=Z,1µm,7.0s			
YSS	comp=E,1µm,9.0s	smax		
YSS	comp=N,1µm,15.0s,MS5.1	MLR	MLR	
YSS	comp=E,1µm,15.0s,MS5.1	MLR	MLR	
YSS	comp=Z,1µm,15.0s,MS5.0	MLR	MLR	
MIDW	Midway 49.99 49 PFAKE	LR	LR	10 58 40.0 +10
MIDW	comp=Z,4µm,20.0s,MS5.4			
HABR	Khabarovsk 51.43 354 P	P	P	10 58 38.8 -2.0
HABR		e'PP	pP	10 58 47.7 -3.8
HABR		eSP	e	10 58 51.7
HABR		e	e	10 59 52.7
HABR		e'PPP		11 01 35.0
HABR		e	e	11 01 34.5
HABR		S	S	11 05 56.4 -1.7
HABR		e	e	11 06 12.2
HABR		e	e	11 08 24.7
HABR		eSS	SS	11 09 31.8 -2.7
HABR		eSSS		11 11 09.8
HABR		pmax	pmax	
HHC	comp=Z,64nm,1.0s,mb5.5			
HHC	Hu-ho-hao-te 51.45 331 eP	P	P	10 58 42.4 +1.2
HHC		AP	pP	10 58 52.4 +0.6
HHC		PCP	PcP	10 59 56.1 +0.9
HHC		PP	PP	11 00 40.6 +1.9
HHC		SCP	ScP	11 03 48.5 -0.8
HHC		PCP	PcP	11 03 52.5 -0.5
HHC		S	S	11 05 59.8 +1.0
HHC		XS	sS	11 06 17.3 +1.0
HHC		ScS	ScS	11 08 28.3 -0.6
HHC		SS	SS	11 09 34.3 -0.9
HHC		AMB	AMB	
HHC	comp=Z,32nm,1.6s,mb5.0	LR	LR	
HHC	comp=N,2µm,17.9s,MS5.2	LR	LR	
HHC	comp=E,1µm,19.4s,MS5.2	LR	LR	
HHC	comp=Z,2µm,16.9s,MS5.2	LR	LR	
BTO	Baotou 52.03 330 eP	P	P	10 58 45.3 -0.2
LZH	Lanzhou 52.42 321 P	P	P	10 58 49.4 +0.9
LZH		AP	pP	10 58 59.5 +0.3
LZH		XP	sP	10 59 03.6 +0.2
LZH		PP	PP	11 00 49.3 +1.7
LZH		S	S	11 06 13.1 +0.8
LZH		XS	sS	11 06 28.5 -1.4
LZH		AMB	AMB	
LZH	comp=Z,195nm,1.4s,mb5.8	AMB	AMB	
LZH	comp=Z,662nm,6.0s			
LZH	comp=N,1µm,14.7s	LR	LR	
LZH	comp=Z,3µm,18.9s,MS5.3	LR	LR	
KLR	Kul'dur 52.57 352 eP	P	P	10 58 44.2 -5.1
KLR		eS	S	11 06 09.5 -4.3
KLR		pmax	pmax	
KLR	comp=N,90nm,2.4s	pmax	pmax	
KLR	comp=Z,340nm,2.4s,mb5.8	pmax	pmax	
KLR	comp=N,900nm,9.0s	pmax	pmax	
KLR	comp=Z,2µm,9.0s	MLR	MLR	
KLR	comp=N,5µm,13.0s			

MCQ	Macquarie Isla 5
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22d 10h

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Table with multiple columns: Station Name, Frequency, Power, Class, and various numerical values. Includes stations like KFJ, KANG, BSE, COLM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Brasilia, Kunming, Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Warramunga Arr, KSRs Korea Array, CMAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Warramunga Arr, KSRs Korea Array, CMAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Warramunga Arr, KSRs Korea Array, CMAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like KAKA, WRAB, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Lanzhou, KLR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like SEY, MKAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Vnda, KURK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like DAWY, ROSC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like MLR, PLO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BUCI, HARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BUCI, HARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BUCI, HARR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like JHO, JFK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like IGT, JAN, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WARR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WARR, BATI, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WARR, ASAR, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kunigami, Canbera, Tooolangi, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HHC, LZH, KLR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM, CTA, MJAR, etc.

IDC 22 12:49:21.61 6.268S-14155E, h0km, mb3.8/3, mb1 0.4/0, mb1mx3.8/1.5, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=50.7km s-min=28.4km az=100.0, Near north coast of New Guinea

ISCJ 22 13:04:37.5-1.2, 3930N-200E, h2km, gkm, Error ellipse: s-maj=10.3km s-min=6.9km az=172.6, ATH 22 13:04:38.8, 3922N-200E, h32km, MD3.3/4, CSEM 22 13:04:39.0, 3930N-202.5E, h2km, ML2.6, Error ellipse: s-maj=7.3km s-min=3.7km az=84.0

BUI 22 13:11:33.1, 1216N-9297E, h30km, mb4.7, mb4.3, IDC 22 13:11:37.8, 0.8, 1294N-9309E, h0km, mb3.9/9, mb1 0.4/0, mb1mx3.8/2.1, mbtmp3.9/10, ML4.3/1, Error ellipse: s-maj=25.8km s-min=18.3km az=57.0

ISCJB 22 13:11:42.1, 2.9, 130N-0.1, 932E-0.1, h41km, 25km, mb4.0/13, Error ellipse: s-maj=21.9km s-min=15.9km az=158.5

NEIC 22 13:11:42.4, 0.5, 1297N-9315E, h30km, Error ellipse: s-maj=10.9km s-min=10.3km az=72.0, ISC 22 13:11:49.2, 1.4, 130N-0.1, 932E-0.1, h49km, 21km, m21, 0.874/21, mb4.0/13, 12, Andaman Islands region

ISCJB 22 13:29:52.4, 0.3, 4679N-001.127W-0.02, h8km, 2km, Error ellipse: s-maj=2.1km s-min=1.9km az=171.3, STR 22 13:29:55.3, 0.2, 4683N-1.48W, h5km, ML4.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, NEIC 22 13:29:55.3, 4683N-1.48W, h5km, ML3.9(LDG), NEIC 3.8(STR), After STR, NEIC Fell at La Roche-sur-Yon, LDG 22 13:29:56.0, 0.1, 4684N-1.37W, h3km, Md3.8/3, M13.9/41, Error ellipse: s-maj=1.2km s-min=1.1km az=115.0, CSEM 22 13:29:56.9, 0.1, 4685N-1.34W, h12km, ML3.9/41, Error ellipse: s-maj=1.5km s-min=1.3km az=140.0, MDD 22 13:29:58.0, 1.7, 4674N-1.47W, h10km, 4km, mb4.3, Error ellipse: s-maj=19.4km s-min=9.6km az=9.0, ISC 22 13:29:54.7, 0.3, 4683N-001.127W-0.02, h12km, 1km, n173, 0.130/407, France

IDC 22 12:41:34.7, 7.5, 1563S-16600E, h53km, 54km, mb3.7/6, mb1 3.9/7, mb1mx3.8/1.7, mbtmp3.8/7, ML4.1/1, MS3.8/1, Ms1 3.8/1, ms1mx3.0/2.4, Error ellipse: s-maj=119.6km s-min=30.0km az=75.0, Vanuatu Islands

22d 13h

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Table with multiple columns containing station names, call signs, frequencies, and signal strength data. Includes stations like MFF, MATF, RENF, GRR, SGMF, QUIF, LDF, FLN, ROSF, LFF, TCF, RJF, HYF, BGF, and many others.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like HORASAN, GUMT, MARDIN, etc.

ADC 22:14:10:56.5±1.5, 281S:14154E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/15, mbtm3.8/4, ML3.9/1, Error ellipse: s-maj=50.5km s-min=27.6km az=99.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like WARRAMUNGA ARR, FITZ, ASAR, etc.

SZGRF 22:14:20:37.2, 450S:14150E, h33km, mb5.5, New Guinea, Papua New Guinea

ISCJB 22:14:20:41.2, 0.7, 276S:002:14179E±0.03, h2km, 4km, s-min=3.7km az=174.6

ADC 22:14:20:42.0, 282S:14166E, h0km, mb5.2/23, mb1 5.3/27, mb1mx3.8/28, mbtm5.3/27, ML5.3/4, MS5.1/16, Ms1.5/16, ms1mx5.0/22, Error ellipse: s-maj=10.9km s-min=8.8km az=120.0

BUI 22:14:20:42.9, 285S:14239E, h33km, mb5.9, mb5.3, MS5.4, MSz5.2

NEIC 22:14:20:43.9, 0.1, 278S:14172E, h10km, mb5.4/36, MS5.3/170, MW5.8, Error ellipse: s-maj=6.3km s-min=4.2km az=103.0, Moment Tensor Solution. s20

Moment tensor: Scale 10^17Nm; Mr-4.39; Mw4.74; Mw-0.34; Mw-0.16; Mw-1.95; Mwz.34; Best double couple: Ms5.500000±0.17, NP2±265.00000±0.545, 00000±1.127, 00000±. NP2±132.00000±0.856, 00000±1.599, 00000±. Principal axes: T 5.4900, Plg6.0000, Azm201.0000±, N 0.0200, Plg5.0000±, Azm293.0000±; P -5.5100, Plg64.0000±, Azm99.0000±;

GCMT 22:14:20:43.9, 0.1, 280S:14171E, h12km, MW5.6/106, Moment Tensor Solution. s100,c188; s106,c299; Duration: 1s5 Moment tensor: Scale 10^17Nm; Mr-2.72±.03; Mw0.65±.02; Mw0.06±.03; Mw-0.20±.07; Mw-0.56±.02; Mw-1.12±.08; Best double couple: Ms2.95800±0.17, NP1±264.00000±0.844, 00000±, Az-1.18, 00000±. NP2±120.00000±0.852, 00000±, Az-1.66, 00000±. Principal axes: T 2.8010, Plg6.0000±, Azm193.0000±; N 0.3120, Plg19.0000±, Azm285.0000±; P -3.1140, Plg71.0000±, Azm90.0000±; nsta1 refers to body waves, cutoff=00s. nsta2 refers to surface/mantle waves, cutoff=50s.

MOS 22:14:20:47.5±1.2, 261S:14174E, h37km, mb5.5/42, MS5.2/39 Error ellipse: s-maj=13.0km s-min=5.7km az=99.5

DJA 22:14:20:49, 283S:14158E, h25km, mb5.4/6

ISC 22:14:20:45.1±0.8, 280S:002:14176E±0.03, h15km, 5km, h35km, 9km; pP-P, n602, s1505/326, mb5.4/114, MS5.3/212, 286-310, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like COEN, KAKA, GUMO, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like WRAB, WRB, WRA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like CTA, GZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like WRAB, WRB, WRA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like BIPH, DAV, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like DAV, HNR, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like HNR, BATI, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like BATI, BUKP, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like LLP, KAPI, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like KAPI, ASAR, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like ASAR, FRIM, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like ASAR, CNP, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like GUMI, RCP, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like MBWA, MBWA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like APYP, STKA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like ARMA, ARMA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like BTM, CBIJ, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like DZM, FORT, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like FORT, KUCHING, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like TOO, TOO, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like QZH, QZH, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, Time, Res. Includes stations like NJ2, NJ2, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like XAN, MDJ, BJI, CD2, YSS, MIDW, HHC, BTO, LZH, KLR, and others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KLR, IMP, SKR, HIA, SHL, GTA, PET, CAL, LSA, CIT, RAR, TAPN, ODAN, BOK, RAMN, CLNS, VIS, JIRN, SMY, PALK, and others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like GUN, PKI, PKIN, KKN, DMN, ZAK, MA2, GKN, MDRS, TLY, BLS, IRK, KOD, YAK, HYB, POHA, STCH, WMQ, CASY, AKL, PPT, DDI, KAD, POO, KRAR, AJM, AKUT, THN, MK31, MKR, MIR, BILL, and others.

22d 14h

Table with columns for call sign, frequency, power, and status. Includes entries like ISCO Idaho Springs, RSSD Black Hills, SDCO Great Sand Dun, KWP Kalwaria, MATP Matopo, NOA NORFAR Array B, NA001 NORFAR Array S, BOSA Boshof, LSZ Lusaka, LBTB Lobatse, ULM Lac du Bonnet, KONO Kongsberg, KONO BSD Bornholm Skovb, TXAR Lajitas Array, PSZ Piszkesteto, AGMN Agassiz Refuge, AMTX Amarillo, OKC Ostrava-Krasne, RGN Rugen, BER Bergen, CBKS Cedar Bluff, DPC Dobruska-Polom, SUR Sutherland, ECSD EROS, RUE Ruedersdorf, PVCC Panska Ves, TREC Trest, BRG Berggiesshubel, PRU Pruhonic, SFJD Kangerlussuaq, SFJD Bad Segeberg, CLL Collm, WMOK Wichita Mounta, JCT Junction City, EYMN Ely, KSU1 Kansas State U, TANN Tannenbergshta, KHC Kasperske Hory, GEC2 GERESS Array B, GERESS Array B, GERESS Array B.

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Table with columns for call sign, frequency, power, and status. Includes entries like GERES, NKC Novy Kostel, HLG Helgoland, MOX Moxa, CLAUSTHAL, Wetzell, Rotzenmuhle, BORGARGNES, Grafenberg Arr, WATTENBERG, TIP Tiempagrande, BUG Bochum-Univers, MOTA Moosalm, STU Stuttgart, JFW Jewell Farm, HKT Hockley, AQU L'Aquila, MIAR Mount Ida, BCLA Clavier, WLF Walferdange, WLF Walferdange, CATHEDRAL CAVE, ESK Eskdalemuir, VLLC Villacollemand, UALR University of Idaho, HDIL Hopedale, HNF Hinterfald, BAIF Baifemes, HAU Haudompre, TSUM Tsumeb, GLMI Graying, CABF La Chapelle, LPL Plagny, PGI Pioggiaola, BNF Bardonecchia, LOR Lormes, LOR Lormes, ORIF Oris-en-Rattie, ORIF Vicksburg, OXF Oxford, SSF Saint Saulge, SMF Signal de Mont, SCHQ Schefferville, BLO Bloomington, EFI East Falkland, FRF La Foret Royal, AVF Avril sur Loir, LMR La Moure, SSB Saint Sauveur, AAM Ann Arbor, SMRF Simiane la Rot, VIVF Saint-Julien-l, BGF Bois d'Angland, WCI Wyandotte Cave, PLAL Pickwick Lake.

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Table with columns for call sign, frequency, power, and status. Includes entries like LDF La Druiterie, FLN La Foliniere, TCF Touix Ste Croix, GRR Gorron, LASF Ste Croix, ACCO Alum Creek Sta, CAF Calvaco, RJF Les Rejaudoux, RJF Les Rejaudoux, KEST Kesra, MFF Saint Martin, SGMF Saint Gilles, ROSF Rosfontaine, ERPA Erie, MTLF Montleu, BRAL Bral, CPCT Coopers Cave, TZTN Tazewell, TKL Tuckaleechee C, EFP Esparros, MCWV Mont Chateau, LONY Lake Ozonia, PLCA Paso Flores, PLCA Paso Flores, ETSU Etsaut, PAYG Puerto Ayora, GOGA Godfrey, SJFF Ste Jean, NCB Newcomb, TEIG Tepich, BINY Binghamton, BLA Blacksburg, MDV Middlebury, LBNS Lisbon, PKME Peaks-Kenny Pk, CBN Corbin, TGUH Teiguigalpa, HRV Adam Dzewionko, NHSC New Hope, WES Weston, DWPF Disney, ESDC Sonseca Array, ESDC Sonseca Array, PBGR Braganca, MVO Moncorvo, MVO Moncorvo, TAM Tamanrasset, MTE Mantegas, MTE Mantegas, MTE Mantegas, PCBR Castelo Branco, PMRV Marv??o, PMRV Marv??o, PESTR Estremoz, PESTR Estremoz, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, EVO Evora, EVO San Fernando, PMAFR Mafr, PMAFR Mafr, PMAFR Mafr, CFAA Coronel Fontan, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, PTEO Sao Teotonio, MORF Marlete, MORF Marlete, PFVI Vila Bisbo, PFVI Vila Bisbo, BCIP Isla Barro Col.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include JAA Atsumi, JAA Tsu 2, TSUJ Tsu 2, JIE Ise, JGM Miyama, JGM Miyahoko, JKN2 Miekihoku, JKN2 JKN2, JHE Heguri, JHE Tokai 4, TK04 Tokai 4, SHZ3 Shizuoka 3, SHZ3 SHZ3, MAT Matsushiro, MAT MAT.

IDC 22 15:55:26.2, 12.0, 1.47N, 124.36E, h170km, 122km, mb3.5/8, mb1 3.6/8, mb1mx3.5/18, mbtmp3.5/8. Error ellipse: s-maj=44.2km s-min=17.2km az=80.0.

ISCJB 22 15:55:27.2, 0.7, 1.5N, 0.1x124.4E, 0.3, h200km, mb3.8/9, Error ellipse: s-maj=40.0km s-min=11.6km az=161.6.

NEIC 22 15:55:28.9, 0.5, 1.50N, 124.51E, h200km, mb4.8/1, Error ellipse: s-maj=36.5km s-min=9.0km az=70.0.

ISC 22 15:55:29.0, 0.7, 1.4N, 0.1x124.4E, 0.3, h200km, n11, c0511/11, mb3.8/9, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MJAR Matsushiro Arr, MJAR Matsushiro Arr, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, PETK Petropavlovsk, KURK Kurchatov, BVAR Borovoye Array, BVAR Borovoye Array.

JMA 22 15:57:54.1, 3502N, 13686E, h13km, 1.1km, M2.9, 1C-3D Broadband fault plane solution: P waves. NP1:

Principal axes: T P1g55.0000; N P1g30.0000; P P1g16.0000; Azm178.0000; Azm278.0000; Western Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include JAA Atsumi, JAA Tsu 2, TSUJ Tsu 2, JIE Ise, JGM Miyama, JKN2 Miekihoku, TK04 Tokai 4, SHZ3 Shizuoka 3, MAT Matsushiro, MAT MAT.

ISCJB 22 15:58:43.3, 0.7, 2.6S, 0.1x359E, 0.2, h10km, mb4.2/9 Error ellipse: s-maj=34.3km s-min=8.8km az=29.9.

IDC 22 15:58:43.2, 1.1, 2.62S, 360.1E, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.7/2, mbtmp3.9/6, ML3.9/2. Error ellipse: s-maj=43.2km s-min=13.1km az=124.0.

NEIC 22 15:58:44.4, 0.9, 2.66S, 362.5E, h10km, mb4.4/1, Error ellipse: s-maj=62.4km s-min=11.9km az=117.0.

ISC 22 15:58:45.1, 0.7, 2.6S, 0.1x359E, 0.2, h10km, n21, c0996/19, mb4.2/9, Tanzania

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, MATP Matopo, MATP Matopo, MATP Matopo, MATP Matopo.

ISC 22 16:00:00.0, 839.00000, 7.143.00000. NP2: t=164.00000, 967.00000, 1.57.00000. Principal axes: T P1g55.0000; N P1g30.0000; P P1g16.0000; Azm178.0000; Azm278.0000; Western Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, MATP Matopo, MATP Matopo, MATP Matopo, MATP Matopo.

ISC 22 16:00:00.0, 839.00000, 7.143.00000. NP2: t=164.00000, 967.00000, 1.57.00000. Principal axes: T P1g55.0000; N P1g30.0000; P P1g16.0000; Azm178.0000; Azm278.0000; Western Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, MATP Matopo, MATP Matopo, MATP Matopo, MATP Matopo.

ISC 22 16:00:00.0, 839.00000, 7.143.00000. NP2: t=164.00000, 967.00000, 1.57.00000. Principal axes: T P1g55.0000; N P1g30.0000; P P1g16.0000; Azm178.0000; Azm278.0000; Western Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, MATP Matopo, MATP Matopo, MATP Matopo, MATP Matopo.

ISC 22 15:59:51.4, 1.1, 3.091S, 177.61W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/18, mbtmp4.2/6. Error ellipse: s-maj=26.6km s-min=20.2km az=84.0.

ISCJB 22 15:59:52.3, 1.3, 3.123S, 0.07x177.6W, 0.2, h33km, mb4.2/6, Error ellipse: s-maj=29.1km s-min=7.9km az=11.5.

NEIC 22 15:59:52.6, 3.078S, 177.63W, h48km, 23km, Error ellipse: s-maj=26.8km s-min=17.7km az=154.0.

ISC 22 15:59:54.1, 1.3, 3.120S, 0.07x177.6W, 0.2, h35km, n14, c1572/15, mb4.2/6, Kermadec Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ Urewera, RPZ Rata Peaks, RPZ Rata Peaks, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, GSPA South Pole Qui, GSPA South Pole Qui, NVAR Niua Array Bea, NVAR Niua Array Bea, NB2 NORSAR Subarray, NB2 NORSAR Subarray, NOA NORSAR Array B, NOA NORSAR Array B, TORD Torodi Arr, TORD Torodi Arr.

IDC 22 16:08:37.9, 0.8, 3.101S, 177.54W, h0km, mb4.2/10, mb1 4.4/10, mb1mx4.2/19, mbtmp4.2/10, MS4.3/4, MS1.4/3, mb1mx3.7/29, Error ellipse: s-maj=24.3km s-min=18.1km az=100.0.

NEIC 22 16:08:40.3, 8.8, 3.094S, 177.94W, h17km, 53km, mb4.8/4, Error ellipse: s-maj=22.5km s-min=15.9km az=128.0.

ISCJB 22 16:08:41.7, 0.8, 3.103S, 0.06x177.7W, 0.2, h33km, mb4.3/12, MS4.3/4, Error ellipse: s-maj=18.5km s-min=9.1km az=4.2.

ISC 22 16:08:43.6, 0.8, 3.099S, 0.07x177.6W, 0.2, h35km, n29, c1509/24, mb4.3/12, MS4.3/4, Kermadec Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ Urewera, RPZ Rata Peaks, RPZ Rata Peaks, ARMA Armidale, ARMA Armidale, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BATI Baunata, BATI Baunata, GSPA South Pole Qui, GSPA South Pole Qui, MAW Mawson, MAW Mawson, SNAAS Snares, SNAAS Snares, MJAR Matsushiro Arr, MJAR Matsushiro Arr, PETK Petropavlovsk, PETK Petropavlovsk, NVAR Niua Array Bea, NVAR Niua Array Bea, LPAZ La Paz, LPAZ La Paz, MKAR Makanchi Array, MKAR Makanchi Array, NB2 NORSAR Subarray, NB2 NORSAR Subarray, NOA NORSAR Array B, NOA NORSAR Array B, AKASG Malin Array, AKASG Malin Array, GERES GERRSS Array B, GERES GERRSS Array B, TORD Torodi Arr, TORD Torodi Arr.

IDC 22 16:10:47.6, 0.9, 2.85S, 141.84E, h0km, mb3.7/9, mb1 4.1/2, mb1mx4.0/18, mbtmp4.0/12, ML4.3/3, MS3.3/1, Ms1 3.3/1, mb1mx3.8/19, Error ellipse: s-maj=27.7km s-min=16.6km az=86.0.

NEIC 22 16:10:49.0, 0.6, 2.81S, 141.85E, h10km, mb4.0/3, Error ellipse: s-maj=14.7km s-min=9.9km az=103.0.

ISCJB 22 16:10:50.6, 0.7, 2.86S, 0.07x141.8E, 0.1, h33km, mb3.7/9, Error ellipse: s-maj=15.8km s-min=10.2km az=9.9.

ISC 22 16:10:52.6, 0.6, 2.87S, 0.07x141.8E, 0.1, h35km, n20, c1502/18, mb3.7/9, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

IDC 22 16:13:19.2, 0.8, 5.468N, 126.64E, h10km, 1.1km, mb4.2/7, 1C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

IDC 22 16:13:19.2, 0.8, 5.468N, 126.64E, h10km, 1.1km, mb4.2/7, 1C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

IDC 22 16:13:19.2, 0.8, 5.468N, 126.64E, h10km, 1.1km, mb4.2/7, 1C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

IDC 22 16:13:19.2, 0.8, 5.468N, 126.64E, h10km, 1.1km, mb4.2/7, 1C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, WB2 Warramunga Arr, WB2 Warramunga Arr, PETK Petropavlovsk, PETK Petropavlovsk, ULN Ulan-Ude, ULN Ulan-Ude, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, ROSC El Rosal, ROSC El Rosal, LPAZ La Paz, LPAZ La Paz, DBIC Dibokro, DBIC Dibokro.

CRAAG 22 16:22:36.5, 3647N, 77.0E, M3.6, ISCJB 22 16:22:37.7, 0.7, 3.644N, 0.07x7.65E, 0.05, h10km, Error ellipse: s-maj=10.4km s-min=5.9km az=175.7.

CSEM 22 16:22:40.1, 0.1, 3.683N, 7.53E, h2km, ML3.6, Error ellipse: s-maj=3.0km s-min=1.5km az=23.0.

TUN 22 16:22:51.2, 3663N, 82.4E, h5km, MD2.7, ISC 22 16:22:51.2, 0.7, 3.661N, 0.1x77.1E, 0.05, h10km, n25, c1512/25, Northern Algeria

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include CMAH Djebel Manchou, ABSA Djebel Ababsia, GHAT Ghardimaou, CAH El Qushch, CKFL Kef-Lekleh, BLIT Baitah, CASM Ain Smara, KRIT Krib, CTEI Djebel Teoual, OFRA Oued Aff, CMER Merouana, CKHR Kef el Ahmar, SET Setif, ETOS Matorra, EIBI Ibia, EBEN Beniara, EJON El Jon, EPOB Poblet, EMUR La Murta, EMOS Mosqueruela, ECHE Chera, ETOB Tobarra, EBIE Bieles, EQUES Quesada, EQUES Quesada, SKHL 22 16:31:19.2, 0.8, 5.468N, 126.64E, h10km, 1.1km, mb4.2/7, 1C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, KROS Kirovskiy, ZEA Zeya, ZEA Zeya, ZEA Zeya, ZEA Zeya, BMKR Borbnak, BMKR Borbnak, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, HNR Honiara, HNR Honiara, BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, GSPA South Pole Qui, GSPA South Pole Qui, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 22 17:01:19.8:2.3, 1406S:17676W, h0km, mb3.5/5, mb1 3.9/5, mb1mx3.7/17, mbtmp3.5/5, MS3.6/4, MS1 3.6/4, ms1mx3.1/31, Error ellipse: s-maj=218.5km, s-min=22.9km az=153.0, Fiji Islands region.

IDC 22 17:13:04.2:1.0, 288S:14182E, h0km, mb3.9/7, mb1 4.2/10, mb1mx4.0/17, mbtmp4.1/10, ML4.5/3, MS3.5/1, MS1 3.5/1, ms1mx2.9/27, Error ellipse: s-maj=28.0km s-min=19.3km az=77.0

NEIC 22 17:13:05.7:0.4, 288S:14175E, h10km, mb4.0/4, Error ellipse: s-maj=11.4km s-min=8.0km az=98.0

ISC/JB 22 17:13:07.0:0.7, 292S:008:1418E:0.1, h33km, mb3.9/8, Error ellipse: s-maj=15.7km s-min=11.8km az=4.4

ISC 22 17:13:09.2:0.7, 293S:008:1418E:0.1, h35km, n19, c0569/16, mb3.9/8, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, HNR Honiara, BATI Baumata, FITZ Fitzroy Crossi, STKA Stephens Creek, CMAR Chiang Mai Arr, SONMI Songoing Arr, MKAR Makanchi Array, VANDA Vanda, KURK Kurchatov, LPAZ La Paz, DBIC Dimbokro.

PRU 22 17:26:01.8, 4192N:1307E, h0km

CSEM 22 17:26:02.8:0.1, 4191N:1368E, h12km, ML3.6, Error ellipse: s-maj=1.2km s-min=0.9km az=34.0

NEIC 22 17:26:03.0, 4191N:1367E, h18km, MD3.4(ROM), ML3.6(PDG), ML3.1(LDG), After ROM.

NEIC Felt [V] at Gioia dei Marsi and [III] at Sora and Sulmona. PDG 22 17:26:03.9:2.5, 4191N:1370E, h9km, 4km, ML3.6/10.

Error ellipse: s-maj=4.2km s-min=4.5km az=0.0, h20km, 2km, Error ellipse: s-maj=3.0km s-min=2.2km az=31.9

ROM 22 17:26:03.6:0.1, 4191N:1367E, h16km, 1km, MA4.0/6, Error ellipse: s-maj=1.2km s-min=0.9km az=50.0

LDG 22 17:26:05.0:0.1, 4183N:1360E, h10km, MG3.1/4, Error ellipse: s-maj=6.0km s-min=3.2km az=35.0

ISC 22 17:26:03.9:0.2, 4191N:002:1363E:002, h11km, 2km, n97, c0595/140, 13C-24D, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVLD Villa Vallejo, PTOFI Pietraquaria, POGR Posqua Fibreno, INTR Introdacqua, FAGN Fagnano, CERA Filignano, RN12 Rionero Sannit, GIUL Giuliano Di Ro, AQU A'Quila, CERT Cerreto, VCEL Villa Cellera, FIAM Fiamignano, MIDA Mida, CAFR Castel Frentan, CAMP Campotosto, RFI Roccamonfina, VAGA Valle Agricola, RDP Rocca di Papa, TRIV Trivento, TERO Teramo, SGG Gregorio Mates, FRES Fresagrandone, MODR Mondragone, BSSO Busso, LNSS Leonessa, MNS Montasola, TRTR Tortoreto Alto, SACS Croce del S. Antonio, NORCIA Norcia, OFFI Offida, PSFI Pescosannita, VENT Ventotene, CESI Cesina Serrava, TOLF Tolf, CAFE Carife, MURB Monte Urbino, MCRV Cabretti - M, CDT Castel del Mon, SG1 Sgurgone (SA), CUC Castruccio, CUC Castruccio.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BAI Bari, NVLJ Novolja, PEZZE Di Greco, STON Ston, PGI Pioggia, PGI Pioggia, TIP Tipografo, HCY Hecap Novi, BRY Bratogost, BRY Bratogost, BUM Brajici-Budva, CEL Celeste, CEL Celeste, NKY Niksic, UPM Unac-Piva, VOY Vojsko, ULC Ulcinj, PDG Podgorica, PDG Podgorica, TGT TGT, ROBS Robic, ROBS Robic, PLE Pljevlja, PLE Pljevlja, OBKA Obir, OBKA Obir, OBKA Obir, MYKA Mykta, MYKA Mykta, IVA Iva, IVA Iva, PVY Plav, PVY Plav, SOKA Soboth, SOKA Soboth, ABTA Abta, SBF Sbf, DIVS Divine, KBA Koelnbreinsper, LMR La Moure, LMR La Moure, FGSL Gruza Gora, GRUZ Gruza, MBOF Montbardon, MBOF Montbardon, MOA Moa, BARS Barje, LPL La Plagne, LPL La Plagne, SMRF Simiane la Rot, ORES Oris-en-Rattie, GECZ GERRESS Array S, GECZ GERRESS Array S, VIVF Saint-Julien-I, CAVF La Chapelle, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, WET Wetzelt, LASF Les Croix, HINF Hinterfeld, HINF Hinterfeld, CDF Champ du Feu, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, CAF Calvia, CAF Calvia.

IDC 22 17:27:53.9:0.8, 4622N:15299E, h0km, mb3.7/10, mb1 3.9/12, mb1mx3.8/22, mbtmp3.7/12, MS3.5/2, MS3.1/1, MS1 3.1/1, ms1mx2.5/39, Error ellipse: s-maj=24.1km s-min=19.0km az=131.0

NEIC 22 17:27:55.3:0.6, 4614N:15283E, h10km, mb4.0/2, Error ellipse: s-maj=15.3km s-min=12.3km az=108.0

ISC/JB 22 17:27:57.6:1.3, 4626N:009:1529E:0.1, h38km, 10km, mb3.8/12, Error ellipse: s-maj=19.6km s-min=9.1km az=138.7

MOS 22 17:27:58.6:0.9, 4626N:15280E, h47km, mb4.1/10, Error ellipse: s-maj=15.8km s-min=13.4km az=62.4

ISC 22 17:28:00.4:1.1, 4626N:009:1529E:0.1, h44km, 9km, n34, c0873/34, mb3.8/12, 2C-3D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YSS Yuzh-Sakhalins, PETK Petropavlovsk, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, PET Petropavlovsk, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KSRS Korea Array, KSRS Korea Array, KSRS Korea Array, KSRS Korea Array, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, TLY Talaya, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARCES ARCESS Array B, ARCES ARCESS Array B, WRA Warramunga Arr, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, ASAR Alice Springs, AKASG Malin Array B, AKASG Malin Array B, TXAR Lajitas Array, TXAR Lajitas Array, GERES GERESS Array B, CFAA Coronel Fontan, PLCA Pasa Flores.

IDC 22 17:35:42.1:2.5, 281S:14199E, h0km, mb3.3/2, mb1 3.6/3, mb1 mx3.3/4, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=102.0km s-min=31.6km az=93.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ARU Alice Springs, MKAR Makanchi Array, LPAZ La Paz.

IDC 22 17:39:54.4:2.2, 995S:12247E, h85km, 26km, mb3.0/1, mb1 3.2/5, mb1mx3.0/17, mbtmp3.0/5, Error ellipse: s-maj=43.1km s-min=21.5km az=53.0, Savu Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, BATI Baumata, KAP Kap, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 22 17:45:36.2:3.1, 464S:13318E, h0km, mb3.5/1, mb1 3.7/4, mb1mx3.4/4, mbtmp3.5/4, ML3.2/3, MS3.3/1, MS1 3.3/1, ms1mx2.8/23, Error ellipse: s-maj=131.7km s-min=80.0km az=80.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array.

IDC 22 17:53:52.6:1.3, 287S:14188E, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/16, mbtmp3.9/8, ML4.2/2, Error ellipse: s-maj=42.7km s-min=20.0km az=90.0

NEIC 22 17:53:54.0:1.7, 283S:14186E, h10km, mb4.1/3, Error ellipse: s-maj=23.8km s-min=10.5km az=99.0

ISC/JB 22 17:53:55.8:1.1, 283S:009:1418E:02, h33km, mb3.8/7, Error ellipse: s-maj=28.2km s-min=13.0km az=5.6

ISC 22 17:53:58.1:1.1, 289S:009:1418E:02, h35km, n13, c0562/12, mb3.8/7, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, BATI Baumata, FITZ Fitzroy Crossi, ASAR Alice Springs, STKA Stephens Creek, SONMI Songoing Arr, MKAR Makanchi Array, VANDA Vanda, BRVK Broome, LPAZ La Paz.

ISC/JB 22 18:04:37.5:0.5, 3698N:002:3666E:003, h5km, 5km, Error ellipse: s-maj=4.7km s-min=3.5km az=22.0

CSEM 22 18:04:37.1:0.1, 3697N:3667E, h8km, Mc1.8, Error ellipse: s-maj=2.3km s-min=1.5km az=142.0

DDA 22 18:04:37.8:0.7, 3710N:3664E, h7km, 1km, Md3.1

ISK 22 18:04:37.9:0.1, 3697N:3667E, h9km, MD3.2

NSSC 22 18:04:40.8, 3679N:3684E, h9km, 3km

ISC 22 18:04:37.0:0.4, 3697N:002:3666E:004, h6km, 4km, n26, c0567/14, 3D, Jordan - Syria region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gaziantep, Kahramanmaras, Andirin, Ceyhan, Kozan, Batrach, Yavul, Arnav, Karaisali, Slenfeh, Warideh, Mersin, Urfa, Malataya, Bunyan, Niğde, Isikli, Sivrice-ELAZID, Hadim.

SOF 22 18:06:44.2, 4062N-2257E, h6km, MD2.7
ISCJB 22 18:06:46.3, 4.0, 4059N, 003-2277E, 003, h7km, 6km,
Error ellipse: s-maj=4.4km s-min=3.8km az=42.9

ATH 22 18:06:46.7, 4062N-2276E, h4km, MD3.3/4
SKO 22 18:06:47.8, 4059N-2283E, h0km, M2.1, ML2.1
CSEM 22 18:06:47.0, 4059N-2279E, h12km, ML3.5, Error
ellipse: s-maj=1.3km s-min=1.2km az=5.0

THE 22 18:06:47.0, 4061N-2279E, h0km, ML3.5
ISC 22 18:06:46.8, 4.0, 4059N, 003-2278E, 003, h11km, 5km, n27,
c0811/37, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Thessaloniki, Hortiatis, Griva, Sokhos, Litokhoron, Polygyros, Kenderikon, Valandovo, Ouranopolis, Pauranopolis, Florina, Nevrokopi, Klokotos Trika, Stip, Musomiste, Kruzupnik, Krusevo, Agios Georgios, Rozhen, Vitosh.

CSEM 22 18:13:49.0, 3925N-2986W, h5km, ML3.7, Error
ellipse: s-maj=14.1km s-min=6.4km az=40.0, After PDA
PDA 22 18:13:49.0, 3925N-2986W, h5km, MD3.6, ML3.7,
Error ellipse: s-maj=14.1km s-min=6.4km az=40.0,
Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cedros, Caldeira, Horta, Pico, Rosais, Manadas, Serra de Santa, Cha da Macela, Vitosh.

CSEM 22 18:21:28.0, 0.0, 3919N-3002W, h10km, ML3.1, Error
ellipse: s-maj=14.0km s-min=5.7km az=34.0, After PDA
PDA 22 18:21:28.0, 0.0, 3919N-3002W, h10km, MD3.5, ML3.1,
Error ellipse: s-maj=14.0km s-min=5.7km az=34.0,
Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cedros, Caldeira, Horta, Pico, Rosais, Manadas.

ISCJB 22 18:24:23.9, 0.9, 188S, 02-1778W, 0.1, h60km, 16km,
mb4.0/8, Error ellipse: s-maj=31.9km s-min=12.2km
az=147.3
ICC 22 18:24:24.8, 1.3, 1881S, 1777W, h599km, 20km, mb3.4/7,
mb1 3.7/9, mb1mx3.3/20, mbtmp3.4/9, Error ellipse:
s-maj=25.9km s-min=11.8km az=149.0
NEIC 22 18:24:25.0, 0.9, 1873S, 1777W, h599km, 14km, mb4.6/6,
Error ellipse: s-maj=22.0km s-min=9.8km az=149.0
ISC 22 18:24:24.4, 0.9, 188S, 02-1778W, 0.1, h590km, 15km, n18,
c0872/1, mb4.0/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Afiamalu, Arma, Urz, CAN, CTAO, COEN, STKA, WB2, WRAB, WRA, ASAR, PDAR, Lajitas, Pinedale.

ICC 22 18:27:12.1, 0.9, 3464N-7276E, h0km, mb3.7/9,
mb1 3.8/12, mb1mx3.7/24, mbtmp3.7/12, ML4-2/3, MS3.5/1,
Ms1 3.5/1, ms1mx2.5/31, Error ellipse: s-maj=24.9km
s-min=17.4km az=32.0
ISCJB 22 18:27:14.6, 1.0, 3470N, 004-7286E, 008, h33km, 11km,
mb3.6/10, Error ellipse: s-maj=11.6km s-min=4.9km
az=154.0

BUI 22 18:27:16.6, 3476N-7310E, h49km, ML3.3
NEIC 22 18:27:20.6, 1.6, 3486N-7292E, h65km, 16km, Error
ellipse: s-maj=13.4km s-min=11.9km az=191.0
NNC 22 18:27:22.0, 7.8, 3506N-7231E, h30km, 104km, mb3.6,
mpv4.0, Error ellipse: s-maj=84.8km s-min=49.6km
az=125.0

ISC 22 18:27:15.8, 1.4, 3469N, 004-7279E, 007, h27km, 10km,
n43, c134/55, mb3.6/10, 3C, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kabul, Thein Dam, Dalhousie, Bhakra, SDNR, Simla, Kashi, Karatay Array, Kalpa, Dehra Dun, Joshi, Kundal, Sohna, Karatay Array, Kalpa, Dehra Dun, Joshi, Kundal, Sohna, Karatay Array, Kalpa, Dehra Dun, Joshi, Kundal, Sohna.

ISCJB 22 18:38:15.3, 0.4, 3828N-003-2165E, 003, h12km, 7km,
Error ellipse: s-maj=4.7km s-min=3.9km az=7.0
ATH 22 18:38:15.1, 3829N-2157E, h31km, 1km, MD3.3/5
NEIC 22 18:38:15.1, 3829N-2157E, h31km, MD3.3(A), After
ATH

CSEM 22 18:38:16.3, 0.1, 3829N-2163E, h10km, MD3.3, Error
ellipse: s-maj=3.2km s-min=2.8km az=6.0
THE 22 18:38:16.1, 3827N-2163E, h0km, ML3.3
ISC 22 18:38:16.9, 0.5, 3830N, 004-2159E, 004, h21km, 8km, n14,
c1505/25, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLS, Evros, Anninata, Valsamata, Levkas, Agios Georgios, Loutraki, Vlachokerasia, Ithomi, Klokotos Trika, Klokotos Trika, Didima.

CSEM 22 19:00:42.1, 0.6, 3942N-2998W, h0km, MD2.6, Error
ellipse: s-maj=11.6km s-min=5.2km az=44.0, After PDA
PDA 22 19:00:42.1, 0.6, 3942N-2998W, h0km, MD3.6, ML2.6,
Error ellipse: s-maj=11.6km s-min=5.2km az=44.0,
Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Caldeira, Horta, Pico, Rosais.

NEIC 22 18:30:05.8, 4952N-11952W, h1km, MD2.6(SEA),
ML2.4(PGC), After PGC.
NEIC Felt at Naramata and Pentiction.
PGC 22 18:30:05.8, 0.0, 4952N-11952W, h1km, ML2.4/7, British
Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pentiction, Nelson Butte, Dyer Hill 2, Rockport, Vedder Mountain, Waterville, Davenport, Lillooet, Sale Mountain, Entiat, Haney, Newport, Downie Slide, Odessa Site #2, Rattlesnake H, Hanford, Waterton Lakes, Linton Mounta, LNOR.

ICC 22 18:31:34.9, 1.7, 3952N-3022W, h0km, mb4.0/5, mb1 4.1/5,
mb1mx3.7/24, mbtmp4.0/5, MS3.2/6, Ms1 3.2/6,
ms1mx2.9/31, Error ellipse: s-maj=61.0km s-min=14.3km
az=169.0
ISCJB 22 18:31:36.9, 1.0, 3944N-006-293W, 0.1, h10km, mb4.0/5,
MS3.2/6, Error ellipse: s-maj=15.2km s-min=5.7km
az=156.1

PDA 22 18:31:37.0, 0.9, 3957N-2952W, h10km, MD3.6, ML3.4,
Error ellipse: s-maj=13.5km s-min=6.0km az=61.0, After PDA
CSEM 22 18:31:37.0, 0.9, 3957N-2952W, h10km, ML3.4, Error
ellipse: s-maj=13.5km s-min=6.0km az=61.0, After PDA
ISC 22 18:31:38.2, 1.0, 3938N, 005-292W, 0.1, h10km, n21,
c0891/23, mb4.0/5, MS3.2/6, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cedros, Caldeira, Horta, Rosais, Pico, Manadas, Serra de Santa, ESDC, Schefferville, Kesra, NORRAR Array, Dimbokro, Yellowknife Ar, Pinedale Array, Aktio, Matkanchi Array, Boshof, Songoiro Array.

ISCJB 22 18:38:15.3, 0.4, 3828N-003-2165E, 003, h12km, 7km,
Error ellipse: s-maj=4.7km s-min=3.9km az=7.0
ATH 22 18:38:15.1, 3829N-2157E, h31km, 1km, MD3.3/5
NEIC 22 18:38:15.1, 3829N-2157E, h31km, MD3.3(A), After
ATH

CSEM 22 18:38:16.3, 0.1, 3829N-2163E, h10km, MD3.3, Error
ellipse: s-maj=3.2km s-min=2.8km az=6.0
THE 22 18:38:16.1, 3827N-2163E, h0km, ML3.3
ISC 22 18:38:16.9, 0.5, 3830N, 004-2159E, 004, h21km, 8km, n14,
c1505/25, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLS, Evros, Anninata, Valsamata, Levkas, Agios Georgios, Loutraki, Vlachokerasia, Ithomi, Klokotos Trika, Klokotos Trika, Didima.

CSEM 22 19:00:42.1, 0.6, 3942N-2998W, h0km, MD2.6, Error
ellipse: s-maj=11.6km s-min=5.2km az=44.0, After PDA
PDA 22 19:00:42.1, 0.6, 3942N-2998W, h0km, MD3.6, ML2.6,
Error ellipse: s-maj=11.6km s-min=5.2km az=44.0,
Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Caldeira, Horta, Pico, Rosais.

PMAN Manadas 1.67 117 eS Sn 19 01 27.0 -7.7
PMAN 36m,0.3s A 19 01 27.6

BJI 22 19:09:27.3, 34.77N, 6987E, h32km, mb3.5
IDC 22 19:09:27.6, 0.8, 3469N, 6955E, h0km, mb3.7/3
mb1 3.9/16, mb1mx3.9/24, mbtmp3.7/16, ML3.7/3, MS3.1/1,
Ms1 3.1/1, ms1mx2.5/32, Error ellipse: s-maj=23.6km
s-min=16.8km az=7.0

IS/CJB 22 19:09:32.0, 3.05, 3480N, 004.6960E, 0.04, h49km, 6km,
mb3.7/14, Error ellipse: s-maj=7.6km s-min=4.4km
az=34.2

NEIC 22 19:09:32.8, 1.4, 3484N, 6955E, h33km, 10km, mb3.7/3,
Error ellipse: s-maj=11.6km s-min=10.7km az=168.0
NNC 22 19:09:41.1, 3.0, 3530N, 6925E, h72km, 28km, mb3.6,
mpv4.2, Error ellipse: s-maj=23.8km s-min=13.4km
az=39.0

ISC 22 19:09:34.1, 0.5, 3477N, 004.6953E, 0.04, h49km, 6km, n52,
r145/66, mb3.7/14, 7C-2D, Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, KBL Cherat, THW Thimam Wali, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Arr, DDI Dehra Dun, KUDL Kundal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JIRN Jiri, AB31 Akbulak array, ODAN Odare, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, AKTK Aktyubinsk, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VOSK Vostochnyaya, BVAO Borovoye Arr, BVK Borovoye Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, ARU Arti, GTA Gaotai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, AKASG Malin Arr, AKASG Malin Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCES Array B, GERES GERES Array B, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TOAD Torodi Arr, NOA NORSAR Array B, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, ESCD Satsuei Array B, TOAD Torodi Arr, etc.

0075/25, mb3.7/9, MS3.5/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like COEN Coen, KAKA Kakadu, KAKA Charters Tower, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BATI Bauinta, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, ASAR Alice Springs, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, VANDA Vanda, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSPA South Pole Qui, DAW Dawki, YKA Yellowknife Arr, etc.

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

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

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

8.7m, 0.6s, mb4.6, baz=68, slow=9.0, SNR=39

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TAU Tasmania Univ, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, FORT Fort, GUMO GUMO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, KLB Kellerberrin, NWAO Narrabin (SRO), etc.

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

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

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

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

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

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

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

IDC 22 20:06:21.1, 1.4, 274S, 14150E, h0km, mb3.5/4, mb1 3.8/5,
mb1mx3.6/15, mbtmp3.7/5, ML3.7/1, MS3.1/5, Ms1 3.1/5,
ms1mx2.9/27, Error ellipse: s-maj=51.9km s-min=23.2km
az=93.0

IS/CJB 22 20:06:24.3, 2.5, 28S, 0.1, 1414E, 0.9, h33km, mb3.6/4,
MS3.2/3, Error ellipse: s-maj=124.7km s-min=16.2km
az=3.4

ISC 22 20:06:26.3, 2.2, 28S, 0.1, 1414E, 0.8, h35km, n12, 0086/7,
mb3.6/4, MS3.2/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, CTA Charters Tower, WB2 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, JNU Naksutsu Arr, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, MKAR Makanchi Array, etc.

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

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

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

IDC 22 20:06:21.1, 1.4, 274S, 14150E, h0km, mb3.5/4, mb1 3.8/5,
mb1mx3.6/15, mbtmp3.7/5, ML3.7/1, MS3.1/5, Ms1 3.1/5,
ms1mx2.9/27, Error ellipse: s-maj=51.9km s-min=23.2km
az=93.0

ISC 22 20:06:26.3, 2.2, 28S, 0.1, 1414E, 0.8, h35km, n12, 0086/7,
mb3.6/4, MS3.2/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, CTA Charters Tower, WB2 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, JNU Naksutsu Arr, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, MKAR Makanchi Array, etc.

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

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

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

MAN 22 19:18:38, 631N, 12551E, h129km, mb4.7, ML3.6, MS3.5,
2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, GSPH General Santos, KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, MATI Mati, BUKP Musang, etc.

ISC 22 19:24:46.0, 0.8, 277S, 14176E, h0km, mb3.8/9,
mb1 4.2/12, mb1mx4.1/17, mbtmp4.0/12, ML4.4/3, MS3.5/4,
Ms1 3.5/4, ms1mx3.1/22, Error ellipse: s-maj=27.4km
s-min=16.0km az=95.0

NEIC 22 19:24:47.0, 5.3, 278S, 14169E, h6km, 33km, mb4.2/1,
Error ellipse: s-maj=12.9km s-min=9.7km az=81.0

IS/CJB 22 19:24:47.9, 3.6, 285S, 0.06, 14170E, 0.10, h24km, 26km,
mb3.7/9, MS3.5/3, Error ellipse: s-maj=17.0km
s-min=10.0km az=13.5

ISC 22 19:24:46.2, 3.8, 282S, 0.07, 14176E, 0.09, h2km, 24km, n28,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 22 20:06:21.1, 1.4, 274S, 14150E, h0km, mb3.5/4, mb1 3.8/5,
mb1mx3.6/15, mbtmp3.7/5, ML3.7/1, MS3.1/5, Ms1 3.1/5,
ms1mx2.9/27, Error ellipse: s-maj=51.9km s-min=23.2km
az=93.0

ISC 22 20:06:26.3, 2.2, 28S, 0.1, 1414E, 0.8, h35km, n12, 0086/7,
mb3.6/4, MS3.2/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, CTA Charters Tower, WB2 Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, JNU Naksutsu Arr, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, MKAR Makanchi Array, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like HNF Hinterfall, HAU Haudompere, LOR Lormes, etc.

SZGRF 22:20:48:36.8, 1958S-17878W, h33km, Fiji Islands region
ISCJB 22:20:49:36.8, 0.8, 1785S-007-17866W, 0.06, h527km, 10km, mb4.3, PKP, Error ellipse: s-maj=11.5km s-min=7.7km

NEIC 22:20:49:37.5, 1.0, 1785S-17861W, h527km, 11km, mb4.5/14, Error ellipse: s-maj=12.2km s-min=8.1km az=145.0, BJI 22:20:49:40.6, 1707S-17911W, h527km, mb4.3, mb4.3, DJJ 22:20:49:42.5, 1.9, 1785S-17872W, h528km, 22km, mb3.7/23, mb1.3/9.23, mb1mx3.9/25, mbtmp3.7/23, Error ellipse: s-maj=13.7km s-min=9.7km az=144.0

ISC 22:20:49:37.6-0.9, 1787S-007-17861W, 0.06, h527km, 11km, n207, 0.991/63, mb4.3/37, 207-11D, Fiji Islands region

Main table of station data for the left column, including codes like AFI, URZ, HNZ, etc., and station names like Afiamalu, Urewera, South Karori, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife, NNA Nana, MKAR Makanchi, etc.

ISCJB 22:20:53:16.7, 2.0, 9, 3305N-003-3603E, 0.05, h0km, Error
GII 22:20:53:16.5, 0.9, 3306N-3592E, h0km, ML2.0/4, EXPLOSION

GRAL 22:20:53:17.2, 2.0, 3308N-3619E, h0km, 177km, MD2.8
ISC 22:20:53:17.2-1.0, 3306N-003-3604E, 0.06, h0km, n14, 0.53/24, Jordan - Syria region

Main table of station data for the middle column, including codes like KECS, PVCC, MOIR, etc., and station names like Keshet, Mount Hermon, Kefar Szold, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CRES Cresnev, HNF Hinterfall, LJU Ljubljana, etc.

ISCJB 22:20:53:17.2, 2.0, 9, 3305N-003-3603E, 0.05, h0km, Error
GII 22:20:53:16.5, 0.9, 3306N-3592E, h0km, ML2.0/4, EXPLOSION

GRAL 22:20:53:17.2, 2.0, 3308N-3619E, h0km, 177km, MD2.8
ISC 22:20:53:17.2-1.0, 3306N-003-3604E, 0.06, h0km, n14, 0.53/24, Jordan - Syria region

Main table of station data for the right column, including codes like KSHT, HRI, KDI, etc., and station names like Keshet, Mount Hermon, Kefar Szold, etc.

NEIC 22:20:57:37.9, 4380N-1540E, h0km, ML3.3(LDG), ML3.1(ZAG), ML2.7(ROM), After ZAG. PRU 22:20:57:37.1, 4365N-1536E, h0km ROM 22:20:57:38.1, 0.3, 4379N-1540E, h10km, Md3.2/24, MZ, 2/18, Error ellipse: s-maj=4.7km s-min=2.9km az=51.0

ISCJB 22:20:57:38.4, 0.3, 4383N-002-1528E, 0.04, h10km, Error ellipse: s-maj=2.2km s-min=2.3km az=18.0 CSEM 22:20:57:42.6, 0.1, 4375N-1520E, h30km, ML3.4/7, Error ellipse: s-maj=2.2km s-min=1.3km az=95.0 LDG 22:20:57:43.1, 0.2, 4392N-1526E, h30km, MG.3/7, Error ellipse: s-maj=4.5km s-min=3.3km az=104.0

ISC 22:20:57:39.2, 0.9, 4379N-002-1530E, 0.04, h8km, 5km, n89, 0.993/13, 10-9D, Adriatic Sea

Main table of station data for the right column, including codes like NVLJ, NVLJ, AOI, etc., and station names like Novajla, Ancona, Cingoli, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Cerreto, Robic, Obir, etc.

IDC 22:20:59:37.1.1.6.299S:141.44E,h0km,mb3.7/4,mb1.3.9/5,mb1mx3.6/15,mbtmp3.8/5,ML3.7/1, Error ellipse: s-maj=48.4km s-min=28.0km az=94.0

ISCJB 22:20:59:41.0.1.8.3.1S:0.1:141.4E:0.3,h33km,mb3.7/4, Error ellipse: s-maj=42.4km s-min=20.9km az=4.9

ISC 22:20:59:47.1-8.0.32S:0.3:141.2E:0.5,h67km,61km,n9,az=23/8,mb3.6/4,New Guinea

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

MOS 22:21:06:2.0.8.5356N:170.70E,h12km,mb4.4/13, Error ellipse: s-maj=18.3km s-min=10.4km az=39.3

ISCJB 22:21:09:5.0.5.533N:0.1:170.61E:0.06,h48km,8km,mb4.1/15, Error ellipse: s-maj=19.0km s-min=4.6km az=12.2

NEIC 22:21:09:3.3.0.5346N:170.59E,h23km,24km,mb4.5/4,ML3.8(AEIC), Error ellipse: s-maj=18.5km s-min=7.9km az=195.0

IDC 22:21:12:4.4.2.5345N:170.59E,h48km,47km,mb3.7/10,mb1.3.9/11,mb1mx3.7/24,mbtmp3.7/11,ML4.2/1,MS3.8/1,Ms1.3.8/1,ms1mx2.6/26, Error ellipse: s-maj=51.9km s-min=17.7km az=13.0

KRSC 22:21:13:9.2.7.5332N:169.75E,h30km,30km,ML4.4,ISC 22:21:11:5.0.5.534N:0.1:170.67E:0.07,h45km,8km,n53,az=075/71,mb4.1/15,LC,Near Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Attu Island-F, Shemya, Krutoberegovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Kashi, Thein Dam, Kalpa, Almaty, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like NORSTAR Subarra, NOA, ASAR, etc.

NEIC 22:54:29.3, 1671N-9984W, h14km, MD3.6(MEX), After MEX.

MEX 22:54:30.2, 0.1677N-9982W, h16km, 7km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like ACX, CAIG, MEIG, etc.

IDC 22:22:15:17.7-1.4, 2.82S-142.01E, h0km, mb3.9/5, mb1.4/1.6, ms1mx3.9/15, mbtmp3.9/6, ML4.1/1, MS3.2/2, Ms1 3.2/2, ms1mx2.7/29, Error ellipse: s-maj=52.3km s-min=24.3km az=88.0

NEIC 22:22:15:19.3-0.9, 2.82S-141.95E, h10km, mb4.0/3, Error ellipse: s-maj=19.6km s-min=12.8km az=83.0

ISCJB 22:22:15:20.9-1.4, 2.9S-01x142.0E, h33km, mb3.9/5, MS3.1/2, Error ellipse: s-maj=29.8km s-min=15.4km az=163.1

ISC 22:22:15:23.1-1.4, 2.9S-01x142.0E, h35km, n14, e070/10, mb3.9/5, MS3.1/2, Near north coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like CTAO, WRAB, WB2, WRA, FITZ, etc.

IDC 22:22:27:35.5-1.3, 121.5N-143.97E, h0km, mb3.6/3, mb1.3.8/3, mb1mx3.5/19, mbtmp3.6/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/22, Error ellipse: s-maj=48.7km s-min=19.1km az=111.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like GUMO, MJAR, WRA, ASAR, MKAR, etc.

ISCJB 22:22:29:58.6-0.5, 2.72S-008-360E.01, h10km, mb3.9/8, MS3.1/4, Error ellipse: s-maj=19.8km s-min=7.0km az=32.5

IDC 22:22:29:58.5-0.9, 2.73S-361.0E, h0km, mb3.7/7, mb1.4/0.8, mb1mx3.8/22, mbtmp3.8/8, ML4.0/1, MS3.2/5, Ms1 3.1/5, ms1mx3.0/22, Error ellipse: s-maj=28.0km s-min=12.9km az=125.0

NEIC 22:22:29:60.0-0.5, 2.76S-360.3E, h10km, mb3.8/1, Error ellipse: s-maj=17.5km s-min=7.9km az=118.0

ISC 22:22:30:00.4-0.5, 2.71S-008-360E.01, h10km, n19, e080/20, mb3.9/8, MS3.1/4, Tanzania

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like KMBO, KMBI, KMBJ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like TSUM, ERMP, BOS, SUR, TORD, etc.

IDC 22:22:31:36.0-2.3, 281S-141.72E, h0km, mb3.5/3, mb1.3.8/4, mb1mx3.6/15, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=74.9km s-min=29.8km az=99.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like WRA, FITZ, ASAR, MKAR, LPAZ, etc.

IDC 22:22:32:53.1-1.3, 4650S-118.62E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.9/17, mbtmp4.0/7, ML2.6/1, MS3.4/2, Ms1 3.3/2, ms1mx3.0/18, Error ellipse: s-maj=56.5km s-min=17.5km az=109.0, South of Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like NWAO, STKA, STKA, ASAR, WRA, VDA, KAPI, GSPA, SNA, etc.

NNC 22:22:45:49.5-1.4, 427.9N-73.75E, h0km, mb3.6, mpv3.5, 10C-3D, Error ellipse: s-maj=24.6km s-min=7.0km az=175.0, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like KNDC, KK31, KK31, MK05, KURBB, KURK, VOSK, etc.

NIED 22:22:54:00, 4380N-147.80E, h44km, Mw3.6 Best double couple: M2.57000x10^14 NP1.9x59.00000, delta.800000, 1.96.00000 - NP2.2x22.00000, delta.000000, 1.75.00000

JMA 22:22:54:46.4-0.3, 437.6N-147.85E, h0km, M4.0, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like NEM2, JRA, JNK, JAK, JAK, JTRK, etc.

LDG 22:23:02:10.5-0.1, 3093N-78.23E, h10km, Mb5.0/30, Ms4.0/9, Error ellipse: s-maj=9.8km s-min=6.1km az=29.0

NDI 22:23:02:14.2-5.0, 3090N-78.35E, h15km, 10km, ML5.0, mb5.1 (NEIC)

ISCJB 22:23:02:14.3-0.1, 3083N-002-78.26E.002, h31km, mb5.0/73, MS4.3/7, Error ellipse: s-maj=2.7km s-min=1.8km az=199.0

IDC 22:23:02:14.0-3.3, 3090N-78.25E, h16km, 19km, mb4.6/21, mb1.4/2.2, mb1mx4.7/25, mbtmp4.6/22, ML4.8/1, MS4.2/19, Ms1 4.2/19, ms1mx4.1/28, Error ellipse: s-maj=16.4km s-min=11.8km az=26.0

NEIC 22:23:02:14.8-2.4, 3088N-78.24E, h19km, 14km, mb5.1/88, MS4.3/5, Error ellipse: s-maj=5.5km s-min=3.0km az=202.0

NEIC Three people injured and buildings damaged at Uttarkashi, buildings also damaged at Chamoli and Muzaffarnagar, in parts of the Dehra Dun District and in the Yamotri Valley area. Rockfalls blocked National Highway 94 in the Dharasu-Pahulchatti-Yamotri area. Felt at Almora, Badaun, Bhauraur, Chakrata, Chamba, Chandigarh, Dehra Dun, Didihat, Gopeshwar, Gurgaon, Haridwar, Haryana, Karnaprayag, Kinnaur, Manali, Meerut, Mussoorie, Muzaffarnagar, New Tehri, Pauri, Roorkee, Shimla, Srinagar and in the Lahaul and Spiti District.

BUI 22:23:02:15.3, 3118N-78.53E, h19km, mb5.0, mb4.9, ML4.9, Ms4.6

MOS 22:23:02:15.1-1.0, 3100N-78.31E, h33km, mb5.1/73

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like LATR, BWRB, BOM, etc.

MS4.3/36, Error ellipse: s-maj=7.3km s-min=3.6km az=125.7

SZGRF 22:23:02:19.4, 31.131N-77.94E, h33km, mb4.9, MS4.1, Northern India

NINC 22:23:02:20.4-2.8, 31.78N-78.25E, h0km, mb4.9, Error ellipse: s-maj=35.5km s-min=30.7km az=37.0

ISC 22:23:02:16.6-0.1, 3087N-002-78.2E.002, h33km, h33km, 2.2km, p-P, n477, s1902/545, mb5.0/179, MS4.3/57, 38C-19D, Northern India

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like DDI, KLP, SMLA, JOSI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KAHZ, MOVZ, TUUV, etc.

SZGRF 23 00:07:27.1, 5.91S, 151.60E, h33km, New Britain, Papua New Guinea, region

MOS 23 00:08:29.7, 0.8, 4.43S, 149.88E, h544km, mb5.2/35, MS4.6/4, Error ellipse: s-maj=8.5km s-min=6.0km az=93.6

ISCJB 23 00:08:30.8, 0.1, 4.46S, 149.85E, 0.02, h559km, mb5.2/155, Error ellipse: s-maj=3.3km s-min=2.5km az=3.7

BUI 23 00:08:30.8, 4.26S, 150.26E, h574km, mb5.4, mb5.4

IDC 23 00:08:31.2, 0.4, 4.48S, 149.84E, h551km, mb4.6/27, mb1.4/6/30, mb1mx4.6/30, mbtmp4.6/30, Error ellipse: s-maj=7.2km s-min=5.7km az=91.0

GCMT 23 00:08:32.6, 0.1, 4.45S, 150.01E, h562km, 1km, MW5.9/97, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.6870, Plg24.0000, Azm71.0000; N -0.5660, Plg45.0000, Azm188.0000; P -8.1210, Plg35.0000, Azm323.0000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to mantle waves, cutoff=125s

DJA 23 00:08:32.443S, 149.77E, h564km, mb5.5/21

NEIC 23 00:08:32.6, 0.4, 4.47S, 149.85E, h572km, 4km, mb5.1/70, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.9200, Plg24.0000, Azm73.0000; N -1.5800, Plg35.0000, Azm179.0000; P -7.3400, Plg47.0000, Azm317.0000

ISC 23 00:08:32.0, 0.1, 4.46S, 149.90E, 0.02, h561km, h561km, 3.0km, pP-P, n684, c675/502, mb5.2/154, 129C-112D, Bismarck Sea

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PMG, HNR, COEN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KAPI, CNP, CAN, etc.

OTRP 23 00:08:32.36, 0.1, 4.45S, 150.01E, h562km, 1km, MW5.9/97, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.6870, Plg24.0000, Azm71.0000; N -0.5660, Plg45.0000, Azm188.0000; P -8.1210, Plg35.0000, Azm323.0000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to mantle waves, cutoff=125s

DJA 23 00:08:32.443S, 149.77E, h564km, mb5.5/21

NEIC 23 00:08:32.6, 0.4, 4.47S, 149.85E, h572km, 4km, mb5.1/70, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.9200, Plg24.0000, Azm73.0000; N -1.5800, Plg35.0000, Azm179.0000; P -7.3400, Plg47.0000, Azm317.0000

ISC 23 00:08:32.0, 0.1, 4.46S, 149.90E, 0.02, h561km, h561km, 3.0km, pP-P, n684, c675/502, mb5.2/154, 129C-112D, Bismarck Sea

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TOO, FORT, POLP, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NJ2, KGM, KTN, etc.

OTRP 23 00:08:32.36, 0.1, 4.45S, 150.01E, h562km, 1km, MW5.9/97, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.6870, Plg24.0000, Azm71.0000; N -0.5660, Plg45.0000, Azm188.0000; P -8.1210, Plg35.0000, Azm323.0000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to mantle waves, cutoff=125s

DJA 23 00:08:32.443S, 149.77E, h564km, mb5.5/21

NEIC 23 00:08:32.6, 0.4, 4.47S, 149.85E, h572km, 4km, mb5.1/70, Moment Tensor Solution: 197.0208, s=59 c65 Duration: 2s.1, Moment tensor: Scale 101Nm; Mr=1.49; 0.0; Mw=2.95; 0.9; Mw=4.44; 0.9; Mw=1.70; 0.9; Mw=4.78; 0.8; Mw=5.46; 0.8; Best double couple: M=8.40400x1017 NP1.9=111.00000, 8.6.00000, -1.171.00000. NP2: 0=15.00000, 8.63.00000, -1.45.00000. Principal axes: T 8.9200, Plg24.0000, Azm73.0000; N -1.5800, Plg35.0000, Azm179.0000; P -7.3400, Plg47.0000, Azm317.0000

ISC 23 00:08:32.0, 0.1, 4.46S, 149.90E, 0.02, h561km, h561km, 3.0km, pP-P, n684, c675/502, mb5.2/154, 129C-112D, Bismarck Sea

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAJ, FRIM, IPM, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PMG, HNR, COEN, KAHZ, MOVZ, TUUV, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like MLR Muntele Rosu, KWP Kalwaria, BOSA Boshof, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like BUG Bochem-Univer, WATA Walderalm, WTAA Wattenberg, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like TCE Chacachacare, TRN Trinidad-A, TPP Pointe-a-Pier, etc.

NKO	Nikolski	0.90 327	P	Pg	01 14 44.0	0.0
NKO			S	Sb	01 14 56.6	+0.9
OKCE	Okmok Cone E	1.21 357	P	Pb	01 14 49.0	-0.8
OKCE			S	Sb	01 15 05.0	+0.8
OKCD	Okmok Cone D	1.22 358	P	Pb	01 14 48.8	-1.1
UNV	Unalaska	2.32 32	P	Pn	01 14 57.7	-1.4
AKLV	Akutan Long Va	2.32 31	P	Pn	01 15 04.8	-0.3
AKGG	Akutan Green G	2.34 31	P	Pn	01 15 06.0	+0.6
AKGG			S	Sn	01 15 35.0	+0.8
AKUT	Akutan	2.36 35	P	Pn	01 15 06.0	+0.4
AMKA	Amchitka	7.89 269	ePn	P	01 16 22.5	+0.5
KDAK	Kodiak Island	10.47 52	Pn	Pn	01 16 56.7	-0.8
KDAK	Kodiak Island	10.47 52	Pn	Pn	01 16 56.2	-0.8
BPWA	Bear Paw Mtn	14.86 30	ePn	Pn	01 17 56.8	0.0
			S	Sb	01 18 01.0	0.0
PETK	Petrovlovsk-	20.68 286	P	P	01 19 06.4	-0.5
PDAR	Pinedale Array	39.63 80	P	P	01 21 59.3	+0.7
			S	Sb	01 22 27.7	+1.1
PV01	Paradox Valley	43.01 95	eP	P	01 21 27.5	+1.1
KSRS	Korea Array	46.23 278	P	P	01 22 52.8	+0.7
			S	Sb	01 23 03.0	+0.7
TXAR	Lajitas Array	51.94 90	P	P	01 23 37.0	+1.1
TXAR	Lajitas Array	51.94 90	P	P	01 23 37.0	+1.1
			S	Sb	01 23 37.0	+1.1
SOMN	Songino Array	52.07 302	P	P	01 23 36.7	0.0
			S	Sb	01 23 36.7	0.0
MKAR	Makanchi Array	64.50 314	P	P	01 25 01.9	-1.6
			S	Sb	01 25 01.9	-1.6
NB2	NORSAR Subarra 67.09	0	P	P	01 25 18.5	-1.5
			S	Sb	01 25 18.5	-1.5
NOA	NORSAR Array B 67.09	0	P	P	01 25 18.0	-2.0
			S	Sb	01 25 18.0	-2.0
ESDC	Sonsea Array	87.44 12	eP	P	01 27 14.2	-0.2
			S	Sb	01 27 14.2	-0.2

IDC 2301:17:45.5.2.1, 126N:12652E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/15, mbtmpt3.6/3, Error ellipse: s-maj=176.8km s-min=26.6km az=65.0, Northern Molouca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	22.43 160	P	ISC	01 22 45.2	-0.7
ASAR	Alce Springs	25.80 164	P	P	01 23 19.1	+0.7
MKAR	Makanchi Array	59.46 326	P	P	01 27 50.3	+0.1

ISC/JB 2301:21:23.9.0.8, 682S:004:7667W:005, h61km, 7km, mb4.4/30, Error ellipse: s-maj=8.9km s-min=6.5km

IDC 2301:21:24.6.1.4, 682S:7671W, h51km, 15km, mb4.0/14, mb1 4.2/19, mb1mx4.0/26, mbtmpt4.1/19, ML4.3/4, MS3.2/4, Ms1 3.2/4, ms1mx2.9/32, Error ellipse: s-maj=12.8km s-min=8.0km az=24.0

NEIC 2301:21:25.6.0.2, 684S:7670W, mb4.6/17, Error ellipse: s-maj=8.0km s-min=4.5km az=62.0

BUI 2301:21:25.6, 680S:7670W, h62km, mB4.8, Ms5.2, Msz4.7

ISC 2301:21:25.2.0.7, 683S:004:7665W:004, h53km, 7km, h61km, 2.2km:PP-P, m231, 05/56/220, mb4.4/30, MS4.2/3, 64C-67D, Northern Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
ATAH	Atahualpa	1.74 264	P	ISC	01 21 52.1	-1.0
ATAH			S	Sn	01 22 13.4	-0.8
NNA	Nana	5.13 182	ePn	Pn	01 22 39.9	+0.4
NNA			S	Sn	01 22 39.8	+0.2
NNA			S	Sn	01 23 36.6	-0.9
NNA			LR	LR	01 24 48.2	
OTAV	Otava	7.47 32	ePn	Pn	01 23 11.2	+2.7
ROSC	EI Rosal	11.83 11	ePn	Pn	01 24 13.1	+1.7
ROSC	EI Rosal	11.83 11	P	Pn	01 24 10.7	-0.6
ROSC			S	Sn	01 26 39.7	+1.8
LPAZ	La Paz	12.57 139	ePn	Pn	01 24 22.0	+0.7
LPAZ			S	Pn	01 24 21.6	+0.3
LPAZ			S	Sn	01 26 57.1	+1.7
LPAZ			LR	LR	01 29 12.5	
BCIP	Isla Bate Col	16.20 349	ePn	Pn	01 25 09.3	-0.1
SDV	Santo Domingo	16.72 21	ePn	Pn	01 25 16.5	+0.5
SDV	Santo Domingo	16.72 21	P	Pn	01 25 16.1	+0.1
SDV			S	S	01 28 28.4	-1.1
LVC	Limon Verde	17.38 155	P	Pn	01 25 28.0	+3.9
LVC			LR	LR	01 32 43.7	
SIV	San Ignacio	17.76 122	P	P	01 25 29.0	+0.1
SIV			S	S	01 28 47.8	-3.0
PCRV	Puerto Cruz	20.70 35	P	P	01 26 01.1	0.0
PCRV			LR	LR	01 34 53.9	
CPUP	Villa Florida	26.74 139	P	P	01 27 00.4	+0.4
SJG	San Juan	26.86 23	P	P	01 27 00.8	-0.2
TEIG	Tepeich	29.21 337	P	P	01 27 21.3	-0.8
BDBF	Brasilia	29.39 110	eP	P	01 27 29.5	+5.8
PLAL	Pickwick Lake	42.96 346	eP	P	01 29 17.3	-1.8
TXAR	Lajitas Array	44.37 325	P	P	01 29 30.5	0.0
TXAR			PcP	PcP	01 31 13.8	0.0
WMOK	Wichita Mounta	46.33 335	eP	P	01 29 45.4	-0.5
WMOK			PcP	PcP	01 31 20.6	0.0
MVL	Millersville	46.59 0	eP	P	01 29 48.1	+0.2
CCM	Cathedral Cave	46.68 344	eP	P	01 29 46.8	-1.9
AMTX	Amarillo	47.74 332	eP	P	01 29 56.3	-0.7
HDIL	Hopedale	48.56 347	eP	P	01 30 01.6	-1.6
BINY	Birmingham	48.73 1	eP	P	01 30 05.2	+0.3
319A	Douglas	49.15 322	IP	P	01 30 08.2	+0.3
219A	White Tail Can	49.58 323	IP	P	01 30 11.4	+0.3
318A	Hisbee	49.62 322	IP	P	01 30 11.7	+0.1
218A	Dragon	50.03 322	IP	P	01 30 15.0	+0.3
119A	Ashtpeak Ranch	50.15 324	IP	P	01 30 15.6	+0.1
ANMO	Albuquerque	50.18 328	eP	P	01 30 15.5	-0.2
ANMO			eP	P	01 30 30.4	+0.5
217A	Green Valley	50.37 322	IP	P	01 30 17.2	+0.1
118A	Homack Ranch	50.45 323	IP	P	01 30 17.9	+0.1
TUCO	Tucson	50.51 322	eP	P	01 30 19.7	-0.1
117A	Oracle	50.87 322	IP	P	01 30 21.1	+0.1
216A	Three Points	50.92 321	IP	P	01 30 21.3	0.0
Y19A	Nutriso	50.98 325	IP	P	01 30 22.2	+0.5
JFWS	Jewell Farm	51.03 347	eP	P	01 30 20.4	-1.5
Y18A	Canyon Day Jun	51.30 324	IP	P	01 30 24.3	+0.2
Y17A	Roosevelt	51.72 323	IP	P	01 30 27.3	+0.1
214A	Organ Pipe Nat	51.74 320	IP	P	01 30 27.5	+0.1

X18A	Snowflake	51.79 325	IP	P	01 30 28.1	+0.4
Z16A	Peralta Trail	51.82 323	IP	P	01 30 28.1	+0.1
115A	Soran Desert	51.87 321	IP	P	01 30 28.5	+0.1
W19A	Sanders	51.89 326	IP	P	01 30 28.6	+0.1
W19A	Petrified Fore	52.09 325	IP	P	01 30 30.2	+0.2
W18A	Windrow Rock	52.14 326	IP	P	01 30 30.6	+0.2
X17A	Forest Lakes	52.15 324	IP	P	01 30 31.0	+0.5
Y16A	Circle Bar Ran	52.22 323	IP	P	01 30 31.3	+0.3
X16A	Lo Mia Camp, P	52.58 324	IP	P	01 30 34.0	+0.3
W15A	Humboldt	53.09 323	IP	P	01 30 37.7	+0.2
W16A	Flagstaff	53.10 324	IP	P	01 30 38.0	+0.5
WUAZ	Wupatki	53.31 325	eP	P	01 30 39.1	0.0
WUAZ	Wupatki	53.31 325	eP	P	01 30 39.4	+0.4
ECSO	YROC, Sioux Fal	53.47 342	eP	P	01 30 38.7	-1.3
X14A	Eras	53.48 323	IP	P	01 30 40.6	+0.3
Y13A	Salome	53.61 321	IP	P	01 30 41.4	+0.1
T18A	Mexican Hat	53.64 327	IP	P	01 30 41.1	-0.3
S19A	Harvey Farm, M	53.70 328	IP	P	01 30 41.7	-0.1
GLA	Glamis	53.74 320	eP	P	01 30 41.3	-0.9
GLA	Glamis	53.74 320	ePcP	PcP	01 31 50.8	+3.0
GLA	Glamis	54.00 321	IP	P	01 30 42.1	-0.1
Y12C	Glamis	54.01 321	IP	P	01 30 44.4	+0.2
S18A	Hurst Farm, BI	54.11 327	IP	P	01 30 44.8	-0.1
X13A	Yucca	54.13 322	IP	P	01 30 44.8	-0.2
R19A	Curley Farm, L	54.17 328	IP	P	01 30 45.3	0.0
V14A	Boydillas Ran	54.40 323	IP	P	01 30 47.5	+0.5
T16A	Glen Canyon Da	54.43 326	IP	P	01 30 47.6	+0.5
U15A	North Rim	54.48 325	IP	P	01 30 48.3	+0.8
W13A	Hualapai Mount	54.50 322	IP	P	01 30 48.3	+0.6
BC3	Ig Chuckw Mtn	54.53 320	IP	P	01 30 48.0	+0.1
IRM	Iron Mountain	54.66 321	IP	P	01 30 49.1	+0.2
MONP	Monument Peak	54.67 319	IP	P	01 30 49.0	0.0
R17A	Hanksville Air	55.03 328	IP	P	01 30 51.8	+0.3
V13A	Grand Canyon V	55.07 323	IP	P	01 30 52.0	+0.2
BELO	Belle Mtn.	55.10 322	IP	P	01 30 51.8	-0.2
PFCO	Pinyon Flat Ob	55.14 319	IP	P	01 30 52.4	0.0
Q18A	Rafter H Ranch	55.23 328	IP	P	01 30 52.8	-0.2
T14A	Hurricane	55.37 325	IP	P	01 30 54.6	+0.6
GMRC	Granite Moun	55.38 321	IP	P	01 30 54.2	+0.1
V12A	Nelson	55.51 322	IP	P	01 30 54.9	-0.1
Q16A	Castle Valley	55.64 328	IP	P	01 30 56.2	+0.3
T13A	Saint George	55.82 324	IP	P	01 30 57.4	+0.2
HECT	Hector, Ludlow	55.84 321	IP	P	01 30 57.6	+0.2
CCUT	Clear City	55.87 325	eP	P	01 30 58.1	+0.5
MSU	Marysvale	55.89 327	eP	P	01 30 57.0	-0.7
V11A	Goodsprings	55.93 322	IP	P	01 30 58.1	0.0
TUQ	Turquoise Mtn.	55.97 321	IP	P	01 30 58.8	+0.5
EYMN	Ely	56.09 348	eP	P	01 30 57.1	-1.8
S13A	Holt Ranch, En	56.18 325	IP	P	01 31 00.6	+0.8
RSSD	Black Hills	56.42 337	eP	P	01 31 01.3	0.0
GSC	Goldstone	56.44 321	eP	P	01 31 01.7	+0.1
GSC	Goldstone	56.44 321	IP	P	01 31 02.0	+0.4
R13A	O'Grain Ranch,	56.66 325	IP	P	01 31 03.6	+0.4
T11A	Corn Creek, AI	56.74 323	IP	P	01 31 04.1	+0.4
O16A	Springville	56.76 328	IP	P	01 31 04.2	+0.3
DAU	Daniels Canyon	56.78 329	eP	P	01 31 04.1	+0.1
Q14A	Sevier Lake (B	56.83 326	IP	P	01 31 05.0	+0.6
EDW2	Edwards Air	56.93 320	IP	P	01 31 05.1	-0.1
JLU	Jordanelle	57.02 329	eP	P	01 31 06.2	+0.5
P14A	Drum Mountains	57.15 327	IP	P	01 31 06.8	+0.2
TPNV	Topopah Spring	57.16 323	IP	P	01 31 07.1	+0.3
FURC	Furnace Creek,	57.22 322	IP	P	01 31 07.2	0.0
Q13A	Wheeler Ranch,	57.22 326	IP	P	01 31 07.5	+0.3
O15A	The Old Anders	57.32 328	IP	P	01 31 08.3	+0.5
MPMC	Manual Prospec	57.35 321	IP	P	01 31 07.9	-0.2
AGMN	Agassiz Refuge	57.43 345	eP	P	01 31 07.5	-0.9
DUG	Dugway	57.44 328	eP	P	01 31 08.6	0.0
DUG	Dugway	57.44 328	IP	P	01 31 09.0	+0.3
P13A	Bates Ranch, G	57.57 326	IP	P	01 31 10.3	+0.8
M16A	Huntsville	57.64 329	IP	P	01 31 10.3	+0.3
R11A	Troy Canyon, C	57.70 324	IP	P	01 31 10.8	+0.3
ISA	Isabella	57.72 320	IP	P	01 31 10.6	-0.1
PDAR	Pinedale Array	57.72 332	P	P	01 31 09.9	-0.6
PDAR			PcP	PcP	01 32 02.5	-0.5
SBC	Santa Barbara	57.78 318	IP	P	01 31 11.1	-0.1
N15A	Stansbury Isla	57.79 328	IP	P	01 31 11.1	0.0
CWC	Cottonwood Cre	57.96 321	IP	P	01 31 12.3	0.0
S10A	Tonopah Range,	58.01				

Table with columns: STKA, Stephens Creek, 126.98 221 eP, PKPdf, 01 40 23.2 -0.8, etc. Includes various station names and coordinates.

Table with columns: CD2, Chengdu, 156.04 359 ePKP, PKPdf, 01 41 22.8 -1.5, etc. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like KDHN, KIZT, LADK, etc.

NIED 23 01:43:00, 3350N:13880E, h8km, Mw3.6 Best double couple: M2.44000:1014 NP1.329990000, 879.000000, lambda=163.000000. NP2.206.00000, 873.000000, lambda=11.000000.

ISCJB 23 01:43:41.9, 0.8, 3344N:005:13876E.004, h21km, 6km, Error ellipse: s-maj=8.2km s-min=4.9km az=14.8

ISC 23 01:43:42.0, 0.8, 3344N:005:13875E.003, h13km, 4km, n13, c:090/25, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like JKO, KIZT, JMY, etc.

NEIC 23 01:55:28.0, 5184N:17699E, h4km, mb4.5/4, ML4.3(AEIC), After AEIC.

ISC 23 01:55:28.0, 5.6, 5201N:17699E, h0km, mb3.9/13, mb1.4/2.14, mb1mx4.0/24, mb1mx4.0/14, ML4.21, MS3.5/8, Ms1.3/6.8, ms1mx3.3/27, Error ellipse: s-maj=24.5km s-min=15.8km az=164.0

ISCJB 23 01:55:29.2, 5.194N:010:17698E.007, h24km, 19km, mb4.0/15, MS3.5/8, Error ellipse: s-maj=16.0km s-min=7.7km az=176.9

ISC 23 01:55:31.9, 2.8, 5187N:010:17700E.007, h26km, 21km, n37, r:114/34, mb4.0/15, MS3.5/8, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like AMKA, SMY, ADK, etc.

Table with columns: PETK, Petropavlovsk-1183 284 Pn Pn, 01 58 20.4 +1.6, etc. Includes various station names and coordinates.

ISC 23 01:56:55.3, 1.1, 1285N:5735E, h0km, mb3.7/9, mb1.3/9.9, ms1mx3.8/22, mbmtpp3.7/9, MS3.6/4, Ms1.3/6.4, s-min=2.1km az=11.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like ASF, GNI, MKR, etc.

NEIC 23 02:01:07.8, 1701N:9994W, h15km, MD3.5(MEX), After MEX.

MEX 23 02:01:07.8, 0.4, 1709N:9994W, h4km, 8km, MD3.5, After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like ACX, CAIG, CAIG, etc.

CSEM 23 02:04:43.4, 3315N:3528E, h0km, ML2.7, After GRAL GRAL 23 02:04:43.4, 0.4, 3315N:3528E, h0km, 710km, MD2.7

ISCJB 23 02:04:44.4, 0.0, 3328N:3537E, h0km, ML2.0/6, Error ellipse: s-maj=6.0km s-min=3.2km az=28.3

ISC 23 02:04:45.1, 0.6, 3328N:003:3534E.004, h0km, n16, c:085/24, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like MATL, HNTI, HNTI, etc.

Table with columns: OFRI, O'fer, 072 205 Sg Sg, 02 05 09.0 +0.9, etc. Includes station names and coordinates.

KRSC 23 02:21:29.1, 0.7, 4993N:15666E, h10km, 10km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like ALID, ALID, MIPH, etc.

IDC 23 02:42:32.4, 0.8, 1779N:11941E, h0km, mb4.0/8, mb1.4/1.8, mb1mx3.9/21, mbmtpp4.0/8, MS2.9/1, Ms1.2/9.1, ms1mx2.5/30, Error ellipse: s-maj=48.1km s-min=15.2km az=65.0

NEIC 23 02:42:34.0, 0.7, 1765N:11911E, h10km, Error ellipse: s-maj=26.0km s-min=11.2km az=51.0

ISCJB 23 02:42:36.0, 1.1, 1784N:004:11930E.007, h38km, 13km, mb4.0/7, Error ellipse: s-maj=12.2km s-min=6.8km az=17.8

MAN 23 02:42:35, 1786N:11932E, h32km, mb4.3, ML3.1, MS2.9

ISC 23 02:42:36.2, 1.8, 1783N:004:11936E.005, h25km, 13km, n22, c:193/26, mb4.0/7, 3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like SIPP, SIPP, PIP, etc.

KSRs Kuril Array 20.95 19 P P, 02 47 17.1 -0.2

SOMN Songino Array 31.75 343 P P, 02 48 58.0 -0.3

WRA Warramunga Arr 40.32 158 P P, 02 50 10.5 -1.4

MKR Makanchi Arr 41.98 322 P P, 02 50 26.1 -0.8

ASAR Asahi Springs 43.62 160 P P, 02 50 38.4 -0.5

CTA Charters Tower 46.01 144 P P, 02 50 58.1 +0.2

BVAR Borovoye Array 51.66 324 P P, 02 51 41.6 +0.7

AKTK Aktyubinsk 58.25 319 P P, 02 52 28.9 +0.3

AKTO Aktyubinsk 58.25 319 P P, 02 52 28.9 +0.3

ISCJB 23 03:16:24.9, 0.5, 2222S:005:6865W.008, h106km, 5km, mb3.9/9, Error ellipse: s-maj=12.9km s-min=7.8km az=24.9

NEIC 23 03:16:25.0, 6.0, 2222S:6863W, h94km, 6km, mb4.0/1, Error ellipse: s-maj=12.1km s-min=8.3km az=111.0

IDC 23 03:16:25.0, 7.0, 4.2222S:6864W, h93km, 4km, mb3.7/9, mb1.3/8.14, mb1mx3.7/22, mbmtpp3.7/14, MS2.8/1, Ms1.2/8.1, ms1mx2.2/25, Error ellipse: s-maj=16.7km s-min=10.0km az=116.0

ISC 23 03:16:26.1, 0.5, 2227S:005:6863W.008, h100km, 5km, h101km, 2.8km, pp-P, n32, c:124/36, mb3.9/9, 2C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station names like LVC, LVC, LVC, etc.

CEN1 Los Morros 1.83 232 P P, 03 16 58.8 +2.3

CEN1 Antofagasta 2.16 229 eP S, 03 16 58.1 -2.7

CPN1 Cerro Paranal 2.86 214 iP P, 03 17 09.6 -0.3

CDCH Caldera 5.18 202 iP P, 03 17 43.9 -3.5

CPCH Copiapo 5.30 197 iP P, 03 18 33.0 -6.8

Table with columns: YKA, YKA, YKA, ASAR, WRA, WRA, MKAR, ASAJ. Includes station names, coordinates, and various parameters like SNR, error ellipses, and time.

NIED 23 03:28:00.2470N, 127.20E, h17km, Mw4.0. Best double couple: M1-24000-1015, NP1-25.00000-853.00000...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like JOGS, JCS, JTT2, etc.

ATH 23 03:39:12.1, 39.20N-28.24E, h10km, MD3.3/3. ISCB 23 03:39:50.6, 1.3650N-005.2802E-007, h3km, gkm...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ARG, DAL, YER, etc.

ATH 23 03:48:40.8, 39.29N-20.24E, h10km, MD3.5/3. ISCB 23 03:48:40.9, 0.3930N-002.2017E-003, h10km, Error ellipse: s-maj=3.8km s-min=3.1km az=163.6...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IGT, KEK, SRN, etc.

Table with columns: AOS, AOS, FNA, BIA, BIA, LIT, TIR, KRUS, KRUS, KOR, KRUS, GRU, PSH, PSH, LIT, TIR, HORT, TIP, VAY, PLG, PUK, SAIG, SAIG, AON, DID, DID, BAJ, OUR, SG1, CUC, CUC, CEL, BARS, LIM, ALN, SMG. Lists various stations and their parameters.

ISCJB 23 04:06:52.8, 0.5, 6303N-003.15102W, 0.09, h123km, 4km, mb3.2/2. Error ellipse: s-maj=1.1km s-min=5.1km az=3.2...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KTH, CHUM, BPAW, MCK, MCK, GHO, PMR, PMR, FIRE, RCO1, TTA, COLA, COLA, IL1, SLKM, SVWZ, SEWARD, IMA2, MENT, EYAK, EYAK, EYAK, DAWY, KDKA, KDKA, KDKA, KDKA, OHAK, INUK, INK, YKA, PDAR, TXAR. Lists various stations and their parameters.

KRSC 23 04:07:52.0, 7.2, 5466N-16022E, h129km, 31km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TUMR, KIL, KIL, MYZ, KMN, KMN, BZMR, BZMR, ZLN, ZLN, KOZ, SPN, LAJ, KRSR, NLC, AVH, GNL, KLY, KLY, SRDR, PET, SRKR, SRKR, RUS, RUS, MIPR. Lists various stations and their parameters.

ISCJB 23 04:32:15.1, 1.5, 236S-01.1800E, 0.2, h525km, 18km, mb3.9/1.1. Error ellipse: s-maj=2.2km s-min=15.6km az=176.9...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RAO, RAO, URE, URZ, URZ, CTA. Lists various stations and their parameters.

Table with columns: STKA, ASAR, ASAR, WRA, WRA, WRA, GSPA, MJAR, MJAR, MAW, MAW, KSRS, KSRS, PETK, PETK, TXAR, MKAR, ARCES, ARCES, NOA, TOR. Lists various stations and their parameters.

TAP 23 04:53:21.2, 24.55N-122.66E, h83km, 1km, ML3.5. JMA 23 04:53:22.7, 0.2, 24.74N-122.65E, h87km, M2.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YOJ, YOJ, IRIF, IRIF, HATJ, JKRS, JKRS, JIJ, JIJ, JIJ. Lists various stations and their parameters.

NNC 23 05:03:22.2, 9.4, 3740N-7032E, h0km, mb3.8, mpv3.6, 2C-2D. Error ellipse: s-maj=76.9km s-min=73.5km...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KK31, KK31, TKM2, TKM2, AB09. Lists various stations and their parameters.

ISC 23 05:08:25.8, 8.2, 291S-141.82E, h0km, mb3.5/3, mb1.3/9.4, mb1mx3.7/15, mbtmp3.7/4, ML4.0/1, MS3.2/1, Ms1.3/2.1...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KAKA, KAKA, WRA, WRA, FITZ, FITZ, ASAR, ASAR, GSPA, GSPA, LPZA. Lists various stations and their parameters.

CSEM 23 05:10:15.5, 1.225N-44.87E, h4km, ML3.6. After DHMR DHMR 23 05:10:15.5-1.0, 1.225N-44.87E, h4km, 5km, ML3.6, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TRBA, TRBA, WRA, WRA, FITZ, FITZ, ASAR, ASAR, URZ, URZ, MKAR, MKAR, GSPA, GSPA, LPZA, LPZA. Lists various stations and their parameters.

NEIC 23 05:38:04.0.0.8.3514N:141.38E,h10km,MG3.2(JMA), Error ellipse: s-maj=23.0km s-min=17.2km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BSO1, CHOI, BSO2, etc.

IDC 23 05:38:48.2.2.1.508N-9294E,h0km,mb3.7/4,mb1 3/9.5, mb1mx3.6/2.2,mbtm3.8/5,ML4.1/1,MS3.0/1,ms1mx2.7/3.9, Error ellipse: s-maj=83.7km s-min=27.5km az=55.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR, JOW, MKAR, etc.

HLW 23 05:48:43.7.3657N-2688E,h33km, Mb2.1 ISCJB 23 05:48:45.0.0.3.3646N:003.2691E,003,h140km,5km, Error ellipse: s-maj=4.3km s-min=3.4km az=8.0

CSEM 23 05:48:45.0.0.1.216N:195M,2km,ML3.3, Error ellipse: s-maj=2.0km s-min=1.9km az=29.0

ATH 23 05:48:46.9.3654N-2699E,h119km,4km NEIC 23 05:48:46.9.3654N-2699E,h119km, After ATRH. THE 23 05:48:48.3.3649N-2693E,h130km,ML3.3 GII 23 05:48:50.4.0.0.3582N-2736E,h0km,1km,mb4.2/7, ML4.0/7

ISC 23 05:48:46.0.0.3.3645N:003.2691E,003,h123km,5km,n85,c1913/119,13C-5D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BDRM, KARP, ARG, etc.

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

ISCJB 23 05:50:06.0.0.7.1090N-004.6213W,005,h104km,7km, Error ellipse: s-maj=9.4km s-min=5.1km az=41.8

FUNV 23 05:50:06.9.1097N-6204W,h96km,MW2.9 TRN 23 05:50:06.8.1167N-6122W,h181km,MD3.1 NEIC 23 05:50:06.8.1167N-6122W,h181km,MD3.1 (TRN), After FTN.

ISC 23 05:50:06.9.0.7.1090N-004.6212W,005,h99km,8km,n20,c076/31,3C-2D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUIV, ITEX, GUNV, etc.

IDC 23 05:52:12.8.1.1.5530S-2682W,h0km,mb4.1/4, mb1 4.1/4,mb1mx3.9/1.7,mbtm4.1/4, Error ellipse: s-maj=40.7km s-min=26.5km az=71.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MAW, LVC, Vnda, etc.

IDC 23 05:55:06.8.2.6.3512N:141.37E,h0km,mb4.3/2, mb1 4.6/2,mb1mx3.6/2.0,mbtm4.3/2,ML2.9/2, Error ellipse: s-maj=49.5km s-min=34.0km az=66.0

ISCJB 23 05:55:08.5.1.6.3521N:005.1414E,0.1,h26km,8km, mb3.8/2, Error ellipse: s-maj=17.2km s-min=7.2km az=168.9

JMA 23 05:55:08.9.0.2.3522N:141.33E,h22km,3km,M2.7 ISC 23 05:55:09.4.1.5.3522N:005.1413E,01,h19km,3km,n12,c070/17,mb3.8/2, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHOI, CHOI, BSO3, etc.

ISCJB 23 05:55:46.8.0.5.633N:004.7285W,005,h206km,5km, mb4.1/42, Error ellipse: s-maj=8.6km s-min=6.7km

az=177.4 NEIC 23 05:55:46.9.0.2.634N:7289W,mb4.4/27, Error ellipse: s-maj=6.5km s-min=4.5km az=59.0

IDC 23 05:55:46.4.0.4.634N:7290W,h188km,3km,mb3.8/16, mb1 4.0/21,mb1mx3.9/2.7,mbtm3.9/2.9, Error ellipse: s-maj=8.5km s-min=6.2km az=103.0

ISC 23 05:55:47.8.0.5.634N:004.7283W,005,h199km,5km,h191km,2.5km,pP-P,NZ,c0982/81,mb4.1/42,4D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ROSC, SDV, BCIP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO, NB2, NOA, ARCES, MKAR, SONM, KRSR, STKA, ASAR, ASAR, WBR, WRA, WRA.

ISCJB 23 06:00:34.0, 0.3, 4.09S:005:10422W, h10km, mb4.9/97, MS5.1/10, Error ellipse: s-maj=8.8km s-min=4.6km az=136.5...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VHO, CMIG, CMIG, CMIG, TGUH, ATAH, OTAV, NNA, TEIG, ROSC, TXAR, TXAR, JCT, JCT, HKT, HKT, RKT, RKT, RKT, SDV, SDV, GD2L, 217A, 217A, 218A, 216A, TUC, TUC, 214A, 118A, 119A, 117A, 115A, LPAZ, LPAZ, LPAZ, 113A, 216A, 215A, Y22C, Y18A, Y17A, BNM.

Table with columns: LENS, LENS, Z14A, DVTC, GLA, GLA, GLA, Y16A, LAZ, SWSC, BAR, MONP, Y19A, Y17A, Y14A, 109C, Y13A, X18A, LVC, LVC, AMTX, Y12C, ANMO, ANMO, ANMO, ANMO, X16A, WMOK, WMOK, BC3, X15A, X14A, PFO, PFO, PFO, PFO, PFO, PFO, PFO, PFO, SCI, W19A, PDMCI, W18A, IRM, W17A, MURC, BELC, X13A, W16A, CIS, MIAR, MIAR, W15A, W19A, SNCC, NEE2, W18A, WUAZ, WUAZ, W14A, BBRC, W13A, GMRC, BFSC, LDFC, HEC, V14A, DECC, V15A, W12A, BLG, U16A, BSC, U18A, V13A, TUQ, V12A, OSI, EDW2, U17A, GSC, GSC, GSC.

Table with columns: GSC, U15A, SBC, V11A, U14A, MVCO, MVCO, U13A, U18M, LR1C, SHOC, ARVC, T16A, U12A, PKM, T15A, U11A, SDCO, PLAL, ISA, ISA, T14A, T12A, MPMC, U10A, S19A, T13A, PCRV, SMMC, S18A, VES, GOGA, HALT, S15A, CCUT, TPNV, TPNV, TPNV, CWC, T11A, V05C, S13A, R19A, S14A, PV10, V04C, ARUT, R18A, S12A, PKD, GRAC, SWET, R17A, PARMO, HELL, S11A, CBKS, CBKS, R14A, R13A, MSU, Q19A, U04C, SMCO, Q16A, R12A, Q18A, S09A, MTUM, S10A, T06C, S08C, SRU, SRU, SRU, HAST, NHSC, CPCT, CFAA, R11A, SJG, KSU1, T05C, CCM, CCM, R10A.

TMUT	Trail Mountain	43.65 352 eP	P	06 08 41.5 +0.8
TPH	Tonopah	43.65 345 eP	P	06 08 41.8 +1.0
TPH	Tonopah	43.65 345 eP	P	06 08 41.8 +1.0
Q14A	Sevier Lake (B)	43.67 350 P	P	06 08 41.7 +0.8
MLAC	Mammoth Lakes	43.67 343 eP	P	06 08 41.3 +0.4
IS69	Idaho Springs	43.69 358 eP	P	06 08 40.5 -0.6
ISCO	Idaho Springs	43.69 358 eP	P	06 08 40.5 -0.5
P17A	Butcher Ranch,	43.75 353 eP	P	06 08 37.0 -4.6
R09A	Tonopah	43.77 345 P	P	06 08 42.2 +0.5
Q13A	Wheeler Ranch,	43.77 349 eP	P	06 08 42.2 +0.5
SIUC	Southern Illin	43.76 17 eP	P	06 08 42.8 +0.3
S05C	Merce	43.87 341 P	P	06 08 42.2 -0.3
PACF	Pacheco Peak	43.87 340 eP	P	06 08 42.6 +0.1
TKL	Tuckaleechee C	43.94 24 eP	P	06 08 43.3 +0.2
SIV	San Ignacio	43.99 109 P	P	06 08 42.5 -1.4
Q11A	Duckwater	44.01 347 P	P	06 08 44.5 +0.9
P16A	Fountain Green	44.02 352 eP	P	06 08 44.3 +0.6
Q12A	Willow Creek R	44.02 348 eP	P	06 08 44.0 +0.3
R08A	Mina	44.14 344 eP	P	06 08 45.3 +0.6
Q10A	Clear Creek Ra	44.16 346 eP	P	06 08 45.6 +0.7
R07C	Lee Vining	44.16 343 eP	P	06 08 45.5 +0.6
S06C	San Francisco	44.21 342 P	P	06 08 45.3 0.0
P14A	Drum Mountains	44.22 350 eP	P	06 08 46.2 +0.9
P13A	Bates Ranch, G	44.26 349 eP	P	06 08 46.2 +0.6
NVAR	Mina Array Bea	44.27 344 P	P	06 08 45.0 -0.7
NVAR	comp=Z,2.4nm,0.9s,mb3.9,baz=170,slow=8.9,SNR=12		P	06 10 31.3 +1.1
S04C	Ingram Canyon,	44.34 340 eP	P	06 08 46.7 +0.4
Q09A	Carvers	44.36 345 eP	P	06 08 47.4 +0.9
MPU	Maple Canyon	44.41 352 eP	P	06 08 47.7 +0.9
P12A	McGill	44.45 348 eP	P	06 08 47.6 +0.4
CMB	Columbia Colle	44.52 342 eP	P	06 08 48.0 +0.3
CMB	Columbia Colle	44.52 342 eP	P	06 08 48.0 +0.3
CMB	comp=Z,8.0nm,1.0s,mb4.5		P	06 08 47.7 0.0
JRSC	Jasper Ridge	44.56 339 eP	P	06 08 48.1 0.0
Q08A	Gabbs	44.58 345 P	P	06 08 48.7 +0.5
O16A	Springleville	44.58 352 eP	P	06 08 48.4 +0.2
WENL	Wente Brothers	44.59 340 eP	P	06 08 48.8 +0.5
WAKR	Walker	44.66 343 eP	P	06 08 50.1 +1.3
R06C	Coleville	44.68 343 eP	P	06 08 49.8 +0.8
P11A	Circle Ranch,	44.71 347 eP	P	06 08 49.8 +0.6
DAU	Daniels Canyon	44.75 352 eP	P	06 08 50.5 +0.9
DUG	Dugway	44.77 351 eP	P	06 08 50.0 +0.3
DUG	comp=Z,9nm,1.2s,mb4.8		P	06 08 50.0 +0.3
DUG	Dugway	44.77 351 P	P	06 08 50.1 +0.5
TZTN	Tazewell	44.79 24 eP	P	06 08 48.8 -1.1
O15A	The Old Anders	44.80 351 eP	P	06 08 50.4 +0.5
Q07A	Schurz	44.88 344 eP	P	06 08 50.9 +0.3
R04C	Big Horse Ranc	44.89 341 eP	P	06 08 51.3 +0.6
O13A	Hicks Ranch, I	44.91 349 eP	P	06 08 51.4 +0.6
BDM	Black Diamond	44.92 340 eP	P	06 08 51.2 +0.3
P10A	Eureka	44.93 347 eP	P	06 08 51.6 +0.7
JLU	Jordanelle	44.96 352 eP	P	06 08 51.9 +0.7
P09A	Austin	45.03 346 eP	P	06 08 52.1 +0.4
R05C	Kirkwood Meado	45.03 342 P	P	06 08 52.4 +0.6
FARB	Farallon Islan	45.09 339 eP	P	06 08 52.4 +0.1
PHWY	Pilot Hill	45.18 359 eP	P	06 08 53.8 +0.9
O12A	Currie	45.19 349 P	P	06 08 53.5 +0.6
N16A	Rees Ranch, Co	45.24 352 eP	P	06 08 53.8 +0.3
O11A	Cowboy Ranch,	45.24 348 eP	P	06 08 53.9 +0.5
WCI	Wyandotte Cave	45.26 20 eP	P	06 08 54.1 +0.5
WCI	Wyandotte Cave	45.26 20 eP	P	06 08 54.2 +0.6
LAVA	Lava Cap Winer	45.29 342 P	P	06 08 54.0 +0.2
P08A	Dixie Valley	45.40 345 eP	P	06 08 54.9 +0.2
N15A	Stansbury Isla	45.40 351 eP	P	06 08 55.0 +0.3
MCCM	Marconi Confer	45.45 339 eP	P	06 08 55.1 0.0
N14A	Grayback Hills	45.47 350 P	P	06 08 55.4 +0.2
P07A	Fallon	45.47 344 eP	P	06 08 54.8 -0.5
WCN	Washoe City	45.49 343 eP	P	06 08 56.0 +0.5
BGU	Big Grassy Mou	45.52 351 eP	P	06 08 55.5 -0.1
Q04C	Lincoln	45.56 341 eP	P	06 08 56.5 +0.5
O10A	Cortez Mining,	45.58 347 eP	P	06 08 56.5 +0.4
Q03C	Winters	45.59 340 eP	P	06 08 56.5 +0.3
O09A	Fish Creek Ran	45.62 346 P	P	06 08 56.8 +0.3
RWWY	Rawlins	45.64 357 eP	P	06 08 57.5 +0.9
N13A	Wendover, West	45.65 349 eP	P	06 08 57.0 +0.3
M16A	Huntsville	45.69 352 eP	P	06 08 57.2 +0.2
ELK	Elko	45.74 348 eP	P	06 08 57.5 +0.1
ELK	Elko	45.74 348 eP	P	06 08 57.6 +0.2
P05C	Yuba Gap, Truc	45.75 342 P	P	06 08 58.3 +0.8
PAHR	Pah Rah Range	45.76 344 eP	P	06 08 58.6 +1.0
SPUT	South Promonto	45.80 351 eP	P	06 08 55.6 -2.3
N12A	Clover Valley	45.81 349 eP	P	06 08 58.2 +0.2
P06A	Stead Airport,	45.88 343 eP	P	06 08 59.0 +0.5
N11A	Elko Archery C	45.91 348 eP	P	06 08 58.8 0.0
M15A	Larsen Ranch,	45.95 351 P	P	06 08 59.1 0.0

MNRC	McLaughlin Nat	45.95 340 eP	P	06 08 59.6 +0.5
N10A	Dunphy	45.99 347 eP	P	06 08 59.6 +0.3
O07A	Toulon	46.05 344 eP	P	06 08 59.9 +0.1
OHCM	Honcuit	46.05 341 eP	P	06 09 00.5 +0.6
SUTB	Sutter Butte	46.05 341 eP	P	06 08 59.7 -0.2
M14A	Sheep Mountain	46.13 350 P	P	06 09 00.7 +0.2
M13A	Montello	46.13 350 eP	P	06 09 00.4 -0.1
BEKR	Beeswourth	46.19 343 eP	P	06 09 01.3 +0.4
ORV	Oroville	46.26 341 eP	P	06 09 01.7 +0.2
HVU	Hanse Valley	46.31 351 eP	P	06 09 01.9 0.0
HVU	Hansel Valley	46.31 351 eP	P	06 09 01.9 0.0
O06A	Flanagan	46.41 343 P	P	06 09 02.6 +0.7
M12A	Wells	46.33 349 eP	P	06 09 02.2 +0.2
L16A	Fish Haven	46.35 353 eP	P	06 09 02.0 -0.2
N09A	Rock Creek Ran	46.35 346 eP	P	06 09 02.2 0.0
PPT	Papeete	46.39 250 eS	S	06 15 52.6 +1.8
PPT	comp=Z,1um,25.4s		eLQ	06 19 59.1
PPT	comp=Z,5um,31.2s		eLR	06 22 07.0
N08A	Springer Illi	46.44 345 eP	P	06 09 03.1 +0.2
O05C	Quincy	46.45 342 eP	P	06 09 03.5 +0.6
L15A	Malad City	46.47 352 P	P	06 09 02.8 -0.3
HDIL	Hopedale	46.48 16 eP	P	06 09 03.1 -0.2
ELN	Prospectdale	46.55 26 eP	P	06 09 04.3 +0.4
N07B	Getlach	46.55 345 eP	P	06 09 04.9 +0.3
GASB	Alder Springs	46.74 340 eP	P	06 09 06.3 +1.0
M10A	LL Ranch, Tu	46.76 347 eP	P	06 09 05.8 +0.3
L13A	Double Diamond	46.80 350 eP	P	06 09 05.7 -0.1
O04C	Chester	46.83 342 eP	P	06 09 06.2 +0.2
O03C	Acorn Hollow,	46.83 341 eP	P	06 09 05.7 -0.3
N06A	Buffalo Meadow	46.86 344 eP	P	06 09 06.5 +0.4
M09A	Harrel Ranch,	46.88 346 eP	P	06 09 06.4 +0.1
PDAR	Pinedale Array	46.88 355 P	P	06 09 05.8 -0.5
PDAR	comp=Z,4.5nm,0.7s,mb4.5,baz=172,slow=6.9,SNR=27		P	06 10 40.2 +1.1
BW06	Boulder Array	46.88 355 eP	P	06 09 06.0 -0.4
ELFS	Eagle Lake Fie	46.99 343 eP	P	06 09 07.8 +0.6
L12A	House Creek Ra	47.05 349 P	P	06 09 08.1 +0.4
K14A	Jones Ranch, D	47.12 351 eP	P	06 09 09.2 +1.0
M08A	Happy Creek Ra	47.13 345 eP	P	06 09 08.8 +0.6
L11A	Cat Creek Ranc	47.22 348 P	P	06 09 09.3 +0.3
O02C	Red Bluff	47.24 341 eP	P	06 09 09.4 +0.2
M07A	Soldier Meadow	47.27 345 eP	P	06 09 09.9 +0.4
L10A	Juniper Basin	47.28 348 eP	P	06 09 09.3 -0.2
K13A	Stover Farm, H	47.37 350 P	P	06 09 10.0 -0.1
HATC	Hat Creek Radi	47.40 342 eP	P	06 09 10.3 -0.1
PLCA	Paso Flores	47.40 145 P	P	06 09 11.0 +0.6
M06C	Likely Place G	47.46 343 eP	P	06 09 11.2 +0.3
L09A	Wilkinson Ranc	47.49 346 P	P	06 09 11.3 +0.2
K12A	Draper Farm, C	47.50 349 eP	P	06 09 11.0 -0.2
WDC	Whiskeytown Da	47.52 341 eP	P	06 09 11.2 -0.2
REDW	Red Top Meadow	47.61 353 eP	P	06 09 10.9 -1.1
RR12	Red Ridge	47.65 353 eP	P	06 09 12.0 -0.3
SNOW	Snow King Moun	47.70 354 eP	P	06 09 13.4 +0.7
LTIM	Timbered Crate	47.73 342 P	P	06 09 13.4 +0.4
TPAW	Teton Pass	47.73 353 eP	P	06 09 12.6 -0.4
M05C	Lookout	47.80 343 eP	P	06 09 13.4 -0.1
L08A	Field	47.82 346 P	P	06 09 14.2 +0.5
LOHW	Long Hollow	47.83 354 eP	P	06 09 13.1 -0.5
K11A	Parker Ranch,	47.85 348 P	P	06 09 13.8 -0.1
L07A	Adell	47.91 345 P	P	06 09 15.1 +0.8
MOOW	Moose Ponds	47.98 354 eP	P	06 09 13.6 -1.2
RSSD	Black Hills	47.99 0 eP	P	06 09 14.9 0.0
RSSD	Black Hills	47.99 0 eP	P	06 09 14.9 0.0
N02C	Big Bar	48.09 340 eP	P	06 09 14.9 -0.1
K10A	MacKenzie Ranc	48.03 347 P	P	06 09 15.1 -0.2
MOD	Modoc	48.06 344 eP	P	06 09 16.2 +0.7
MOD	Modoc	48.06 344 eP	P	06 09 15.7 +0.2
ECSD	Stouff Fal	48.09 7 eP	P	06 09 15.8 +0.1
J13A	Cove Ranch, Pj	48.11 350 eP	P	06 09 15.8 -0.1
WVOR	Wild Horse Val	48.12 346 eP	P	06 09 15.6 -0.3
WVOR	Wild Horse Val	48.12 346 eP	P	06 09 15.6 -0.4
J12A	Stokes Ranch,	48.13 349 eP	P	06 09 15.7 -0.4
IMW	Indian Meadow	48.15 353 eP	P	06 09 15.4 -0.7
K09A	Rome	48.15 347 P	P	06 09 16.3 +0.1
HL1D	Hailey	48.31 350 eP	P	06 09 17.7 +0.2
HL1D	Hailey	48.31 350 eP	P	06 09 17.3 -0.1
L05A	Lakeview	48.34 343 eP	P	06 09 18.1 +0.4
M02C	Callahan	48.35 341 eP	P	06 09 17.3 -0.5
K08A	Mann Creek Ran	48.36 346 eP	P	06 09 17.6 -0.2
M04C	Macdoel	48.39 342 eP	P	06 09 18.0 -0.1
MF1D	Carls Ranch	48.43 349 P	P	06 09 18.3 0.0
JFWS	Jewell Farm	48.46 14 eP	P	06 09 16.9 -1.7
K07A	Rock Creek Ran	48.45 345 eP	P	06 09 19.3 +0.3
I13A	Wildhorse Cree	48.61 350 P	P	06 09 19.9 +0.1
YBH	Yreka Blue Hor	48.62 342 eP	P	06 09 19.8 0.0
J10A	Berg Farm, Mel	48.63 348 eP	P	06 09 19.2 -0.7

baz=49	YFT	Old Faithful	48.68 354 eP	P	06 09 21.8 +1.6
baz=49	L04A	Klamath Falls	48.77 343 eP	P	06 09 20.7 -0.2
baz=49	J09A	Fry Ranch	48.77 347 eP	P	06 09 20.8 -0.2
baz=49	K06A	Valley Falls	48.84 344 eP	P	06 09 22.0 +0.2
baz=49,SNR=8.2	YMR	Madison River	48.91 354 eP	P	06 09 23.0 +1.0
baz=49,1.4s,mb5.3	I11A	Placerville	48.94 349 P	P	06 09 21.9 -0.4
baz=49,SNR=14	J08A	Circle Bar Ran	48.95 346 eP	P	06 09 22.2 -0.1
comp=Z,33nm,1.3s,mb5.2	MCWV	Mont Chateau	48.97 25 eP	P	06 09 23.1 +0.5
baz=49,SNR=8.5	K05A	Summer Lake	48.98 344 eP	P	06 09 23.0 +0.3
baz=49	K04A	Chiquin	49.12 343 eP	P	06 09 23.5 -0.2
baz=49	QLMT	Earthquake Lak	49.12 353 eP	P	06 09 24.4 +0.7
baz=49,SNR=6.6	J07A	Hines	49.17 345 eP	P	06 09 24.2 +0.2
baz=49	M01C	Crescent City	49.18 340 eP	P	06 09 24.3 -0.1
baz=49	RLMT	Red Lodge	49.20 355 eP	P	06 09 23.6 -0.6
comp=Z,9.4nm,1.0s,mb4.8	I10A	Payette	49.27 348 eP	P	06 09 24.4 -0.4
baz=50	J06A	Christmas Vall	49.27 345 P	P	06 09 25.0 +0.1
baz=50,SNR=22	L02A	Cav Junction	49.28 341 eP	P	06 09 24.9 0.0
baz=50	MCMT	McKenzie Canyo	49.30 352 P	P	06 09 25.4 +0.4
baz=50,SNR=19	H12A	Diamond D Ranc	49.35 350 P	P	06 09 25.1 -0.3
baz=50,SNR=6.9	HUMO	Hull Mountain	49.49 342 eP	P	06 09 25.6 -0.9
baz=50	I08A	Drewsey	49.49 346 eP	P	06 09 25.6 -0.1
baz=50	G15A	Dillon	49.59 352 eP	P	06 09 26.9 -0.3
baz=50,SNR=8.2	J05A	Fort Rock	49.60 344 eP	P	06 09 27.4 +0.1
baz=50	H11A	Donnelly	49.71 349 eP	P	06 09 27.1 -1.0
baz=50	H10A	Noah's Angus R	49.74 348 eP	P	06 09 27.3 -1.1
baz=50	G13A	Cobalt	49.77 351 P	P	06 09 28.0 -0.6
baz=50,SNR=1					

Table with columns for station ID, name, coordinates, and status. Includes stations like E06A Yakima, D08A Wollman Farm, and many others.

Table with columns for station ID, name, coordinates, and status. Includes stations like ARU Ariz, ANN Anapa, and many others.

Table with columns for station ID, name, coordinates, and status. Includes stations like ROSC El Rosal, TXAR Lajitas Array, and many others.

ISCJB 23 06:03:49.8; 0.4, 4.06S; 104.13W; 0.06, h 10km, mb4.785, MS5=2179, Error ellipse: s-maj=11.6km s-min=5.1km az=136.0
IDC 23 06:03:50.5; 0.7, 3.86S; 104.01W, h0km, mb4.4/22, mb1.4/22, mb1mx4.5/26, mbtmp4.4/22, MS5, 2/22, Ms1.5/22, ms1mx5.1/28, Error ellipse: s-maj=21.0km s-min=11.7km az=53.0
MOS 23 06:03:50.9; 1.2, 3.89S; 103.93W, h10km, mb4.9/24, MS5.1/19, Error ellipse: s-maj=18.0km s-min=6.5km az=99.6
NEIC 23 06:03:52.4; 0.4, 3.94S; 104.03W, h10km, mb4.8/69, MS5.2/162, MW5.6, Error ellipse: s-maj=11.4km s-min=5.9km az=54.0, Moment Tensor Solution
Moment tensor: Scale 10^17 Nm; Mw=0.4; Ms=0.5; Mw-0.5; Mw=0.10; Mw=3.36; Mw=1.45; Best double couple: Ms3.700000; NP1=95.00000; 867.00000; lambda=1.00000; NP2=185.00000; 869.00000; lambda=157.00000; Principal axes: T 3.7100, Plg16.0000; Azm317.0000; N -0.0200, Plg67.0000; Azm186.0000; P -3.6900, Plg17.0000; Azm52.0000;
GCMT 23 06:03:52.4; 0.2, 4.02S; 104.24W, h25km, MW5.7/103, Moment Tensor Solution. s71,c124; s103,c272; Duration: 1.77 Moment tensor: Scale 10^17 Nm; Mw=0.44; Ms=0.6; Mw=0.23; Ms=0.15; Best double couple: Ms4.063000; NP1=95.00000; 880.00000; lambda=177.00000; NP2=277.00000; 887.00000; lambda=10.00000; Principal axes: T 4.2510, Plg5.0000; Azm323.0000; N -0.3770, Plg79.0000; Azm79.0000; P -3.8760, Plg9.0000; Azm232.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
BUJ 23 06:03:52.3, 3.06S; 103.99W, h10km, mb5.4, Ms5.6, Msz5.4
ISC 23 06:03:52.0; 0.4, 4.02S; 104.01W; 0.06, h10km, n633, 0.94/480, mb4.785, MS5.2=1719, 15C2-159D, Central East Pacific Rise
Code Station Name delta^4 AZ^2 Phase ID Time Res h m s ISC

N09A	Rock Creek Ran	46.31 346	↑P	P	06 12 18.3	+0.4
HDIL	Hopedale	46.39 16	PFAKE	LR	06 12 30.0	+11
N08A	GE Springer Ml	46.40 345	↑P	P	06 12 19.4	+0.7
O05C	Quincy	46.41 342	↑P	P	06 12 19.5	+0.7
L15A	Malad City	46.42 351	↑P	P	06 12 18.9	+0.2
ELN	Prospectdale	46.44 26	eP	P	06 12 17.1	-2.0
PPT	Papeete	46.51 250	LR	LR	06 26 14.0	
N07B	Gerlach	46.61 344	↑P	P	06 12 20.8	+0.4
GASB	Alder Springs	46.72 340	↑P	P	06 12 22.0	+0.8
M10A	LL Ranch, Tu	46.72 347	↑P	P	06 12 22.0	+0.9
L13A	Double Diamond	46.75 350	↑P	P	06 12 21.6	+0.2
SCIA	State Center	46.77 11	PFAKE	LR	06 12 30.0	+8.5
O04C	Chester	46.79 342	↑P	P	06 12 21.9	+0.2
N06A	Buffalo Meadow	46.82 344	↑P	P	06 12 22.0	+0.1
BW06	Boulder Array	46.83 354	eP	P	06 12 22.3	+0.4
PDAR	Pinedale Array	46.83 354	P	P	06 12 21.1	-0.8
PDAR			PcP	PcP	06 13 56.8	+1.8
PDAR			LR	LR	06 29 29.8	
M09A	Marrel Ranch,	46.84 346	↑P	P	06 12 22.2	+0.2
ELFS	Eagle Lake Fie	46.96 343	↑P	P	06 12 23.0	0.0
AHID	Auburn Hatcher	46.99 353	PFAKE	LR	06 12 40.0	+17
L12A	House Creek Ra	47.00 349	↑P	P	06 12 23.5	+0.2
K14A	Jones Ranch, D	47.07 351	↑P	P	06 12 23.8	0.0
M08A	Happy Creek Ra	47.09 345	↑P	P	06 12 23.7	-0.3
L11A	Cat Creek Ranc	47.17 348	↑P	P	06 12 24.8	+0.1
M07A	Soldier Meadow	47.24 345	↑P	P	06 12 25.3	+0.1
K13A	Stover Farm, H	47.32 350	↑P	P	06 12 25.9	+0.1
HATC	Hat Creek Radi	47.36 342	↑P	P	06 12 26.1	-0.1
PLCA	Paso Flores	47.39 145	P	P	06 12 25.9	-0.5
PLCA			LR	LR	06 27 09.5	
BGGH	Gun Hill	47.40 68	PFAKE	LR	06 12 40.0	+13
M06C	Likely Place G	47.43 343	↑P	P	06 12 26.4	-0.3
L09A	Wilkinson Ranc	47.45 346	↑P	P	06 12 26.0	-0.9
K12A	Draper Farm, C	47.46 349	↑P	P	06 12 26.3	-0.6
WDC	Whiskeytown Da	47.49 341	PFAKE	LR	06 12 40.0	+13
WDC			LR	LR	06 12 26.7	-0.5
O01C	Eel River Cons	47.53 339	↑P	P	06 12 26.6	-0.9
REDW	Red Top Meadow	47.55 353	eP	P	06 12 28.4	+0.7
RR12	Red Ridge	47.59 353	eP	P	06 12 28.5	+0.6
TPAW	Teton Pass	47.69 353	eP	P	06 12 29.6	+0.9
M07C	Lookout	47.77 343	↑P	P	06 12 28.4	-0.9
L05H	Long Hollow	47.77 354	eP	P	06 12 29.5	+0.2
L08A	Fields	47.78 346	↑P	P	06 12 28.6	-0.8
K11A	Parker Ranch,	47.81 348	↑P	P	06 12 28.4	-1.2
L07A	Adell	47.87 345	↑P	P	06 12 29.3	-0.8
RSSD	Black Hills	47.92 0	eP	P	06 12 31.1	+0.7
RSSD			LR	LR	06 12 31.1	+0.7
RSSD			Pmax	Pmax	06 12 31.1	+0.7
RSSD			MLR	MLR	06 12 29.5	+0.2
MOOW	Moose Ponds	47.92 354	eP	P	06 12 30.5	+0.1
N02C	Big Bar	47.96 340	↑P	P	06 12 30.1	-0.7
M03C	McCloud	47.98 342	↑P	P	06 12 29.8	-1.2
K10A	MacKenzie Ranc	47.99 347	↑P	P	06 12 30.1	-1.0
ECSD	EROS, Sioux Fal	48.01 7	eP	P	06 12 30.8	-0.4
MOD	Modoc	48.02 344	eP	P	06 12 30.7	-0.6
MOD			LR	LR	06 12 30.7	-0.6
MOD			LR	LR	06 12 32.8	-1.5
J13A	Cove Ranch, Pi	48.06 350	↑P	P	06 12 30.1	-1.5
J12A	Stokes Ranch,	48.09 349	↑P	P	06 12 30.5	-1.3
IMW	Indian Meadow	48.09 353	eP	P	06 12 32.2	+0.5
K09A	Rome	48.11 347	↑P	P	06 12 30.0	-2.0
ACSO	Alum Creek Sta	48.12 22	PFAKE	LR	06 12 40.0	+8.0
FLWY	Flagg Ranch	48.25 354	eP	P	06 12 33.9	+0.9
HLID	Hailey	48.27 350	eP	P	06 12 33.2	0.0
HLID			P	P	06 12 31.7	-1.5
L05A	Lakeview	48.31 343	↑P	P	06 12 32.3	-1.2
K08A	Mann Creek Ran	48.32 346	↑P	P	06 12 32.3	-1.3
M02C	Callahan	48.33 341	↑P	P	06 12 32.3	-1.4
M04C	Macdoel	48.36 342	↑P	P	06 12 32.9	-1.0
JFWS	Jewell Farm	48.37 14	PFAKE	LR	06 12 50.0	+16
MFID	Camas Ranch	48.39 349	↑P	P	06 12 33.0	-1.1
K07A	Rock Creek Ran	48.48 345	↑P	P	06 12 33.5	-1.3
I13A	Wildhorse Cree	48.56 350	↑P	P	06 12 34.3	-1.1
YBH	Yreka Blue Hor	48.59 341	↑P	P	06 12 33.6	-2.1
YBH			LR	LR	06 27 45.4	
YBH			LR	LR	06 27 45.4	
YBH			P	P	06 12 34.2	-1.5
J10A	Berg Farm, Mel	48.59 348	↑P	P	06 12 34.2	-1.5
LKWY	Lake	48.69 354	PFAKE	LR	06 12 50.0	+14
LKWY			LR	LR	06 12 35.3	-1.5

L04A	Klamath Falls	48.73 342	↑P	P	06 12 35.7	-1.1
CBN	Corbin	48.77 28	PFAKE	LR	06 12 50.0	+13
K06A	Valley Falls	48.84 344	↑P	P	06 12 35.7	-1.9
YMR	Madison River	48.85 353	eP	P	06 12 38.5	+0.9
MCWV	Mont Chateau	48.86 25	PFAKE	LR	06 12 50.0	+12
MCWV			LR	LR	06 12 36.5	-1.5
I11A	Placeville	48.89 349	↑P	P	06 12 36.8	-1.4
J08A	Circle Bar Ran	48.91 346	↑P	P	06 12 37.0	-1.5
K05A	Summer Lake	48.95 344	↑P	P	06 12 38.3	-1.2
K04A	Chilquin	49.09 343	↑P	P	06 12 38.7	-1.1
J07A	Hines	49.13 345	↑P	P	06 12 39.5	-0.3
RLMT	Red Lodge	49.14 355	eP	P	06 12 39.5	-0.3
RLMT			LR	LR	06 12 39.5	-0.3
J06A	Christas Vall	49.23 345	↑P	P	06 12 39.5	-1.1
H12A	Diamond D Ranc	49.30 350	↑P	P	06 12 40.1	-1.0
I08A	Drewsey	49.45 346	↑P	P	06 12 41.5	-0.8
HUMO	Hull Mountain	49.45 342	eP	P	06 12 43.5	+1.2
HUMO			LR	LR	06 12 41.6	-0.7
G15A	Dillon	49.53 352	↑P	P	06 12 41.7	-1.2
J05A	Fort Rock	49.56 344	↑P	P	06 12 42.2	-0.9
H11A	Donnelly	49.66 349	↑P	P	06 12 42.8	-1.1
H10A	Noah's Angus R	49.70 348	↑P	P	06 12 42.8	-1.4
AAM	Ann Arbor	49.70 20	PFAKE	LR	06 13 00.0	+16
G13A	Cobalt	49.72 351	↑P	P	06 12 43.3	-1.0
DLMT	Dillon	49.74 352	eP	P	06 12 44.5	0.0
K02A	Glendale	49.77 341	↑P	P	06 12 43.4	-1.3
J04A	Umpqua Nationa	49.77 343	↑P	P	06 12 43.5	-1.3
I07A	Iowa	49.84 345	P	P	06 12 44.4	-0.9
I06A	Prineville	49.90 345	↑P	P	06 12 44.6	-1.1
BOZ	Bozeman (W)	49.90 353	eP	P	06 12 45.3	-0.3
BOZ			LR	LR	06 12 45.3	-0.3
BOZ			Pmax	Pmax	06 12 45.3	-0.3
BOZ			MLR	MLR	06 12 44.2	-1.5
CPUP	Villa Florida	49.92 121	eP	P	06 12 46.6	+0.4
CPUP			LR	LR	06 12 45.2	-1.0
CPUP			Pmax	Pmax	06 12 46.6	+0.4
CPUP			MLR	MLR	06 12 45.9	-1.0
H08A	Prairie City	50.05 346	↑P	P	06 12 45.9	-1.0
BMO	Blue Mountains	50.07 348	PFAKE	LR	06 13 00.0	+13
J03A	Ideley Park	50.15 342	↑P	P	06 12 46.9	-0.7
F15A	Butte	50.20 352	↑P	P	06 12 47.2	-0.7
F14A	Wisdom	50.29 352	↑P	P	06 12 47.5	-1.2
J02A	Umpqua	50.34 342	↑P	P	06 12 48.1	-0.9
H07A	Lands Inn, Kim	50.34 346	↑P	P	06 12 48.1	-0.9
I04A	Tendick Farm,	50.37 343	↑P	P	06 12 47.8	-1.5
G11A	Walters Elk Ra	50.38 349	↑P	P	06 12 48.0	-1.3
F13A	Darby	50.42 351	↑P	P	06 12 48.3	-1.2
G10A	Bishop Farm, J	50.45 348	↑P	P	06 12 48.5	-1.3
LAO	LASA Array	50.52 358	eP	P	06 12 51.4	+1.1
LAO			LR	LR	06 12 49.5	-1.0
F12A	Elk City	50.54 350	↑P	P	06 12 49.7	-1.1
G09A	Cov	50.57 348	↑P	P	06 12 50.3	-1.2
H06A	Lindquist Farm	50.66 345	↑P	P	06 12 51.0	-0.6
MVL	Millersville	50.68 28	eP	P	06 12 50.1	-2.2
E15A	Deer Lodge	50.79 352	↑P	P	06 12 50.1	-2.2
I03A	Eugene	50.79 342	↑P	P	06 12 50.7	-1.9
F11A	Grangeville	50.83 349	↑P	P	06 13 00.0	+6.9
ERPA	Erie	50.88 23	PFAKE	LR	06 12 51.5	-1.7
ERPA			LR	LR	06 12 53.3	-0.4
E14A	Clinton	50.90 352	↑P	P	06 12 53.3	-0.4
HRY	Holter Researc	50.97 353	eP	P	06 12 52.4	-1.4
G07A	Ruggs Ranch, H	51.00 346	↑P	P	06 12 53.5	-1.3
H04A	Detroit Lake	51.12 343	↑P	P	06 12 53.5	-1.3
F10A	Beach Ranch, E	51.12 348	↑P	P	06 12 54.0	-1.5
G06A	Carlson Farm,	51.21 345	↑P	P	06 12 54.8	-1.3
E11A	Bogner Ranch,	51.29 349	↑P	P	06 12 57.0	+0.5
CHMT	Chamberlain Mo	51.35 342	PFAKE	LR	06 13 10.0	+13
COR	Corvallis	51.35 342	PFAKE	LR	06 12 57.6	+0.9
MSO	Missoula	51.37 351	eP	P	06 12 55.4	-1.4
D15A	Lincoln	51.38 353	↑P	P	06 12 55.5	-1.4
G05A	Warc	51.39 344	↑P	P	06 12 55.7	-1.5
H03A	Soap Creek Ran	51.43 343	↑P	P	06 12 56.4	-1.7
D14A	Greenough	51.55 352	↑P	P	06 12 57.1	-1.2
E10A	Myers Farm, Un	51.59 349	↑P	P	06 13 10.0	+11
COWI	Conover	51.64 13	PFAKE	LR	06 13 10.0	+11
GLMI	Grayling	51.66 18	PFAKE	LR	06 12 57.9	-1.1
G04A	Mutou	51.68 343	↑P	P	06 12 58.1	-1.1
D13A	Huson	51.71 351	↑P	P	06 12 58.0	-1.5

F06A	Goldendale	51.74 345	↑P	P	06 12 58.0	-1.5
D12A	Red Ives Fores	51.81 350	↑P	P	06 12 59.0	-1.0
D11A	Klaveano Farm,					

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like EGAK Eagle, RAO Raoul Island, PMR Palmer, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like SUR Sutherland, WRAB Tennant Creek, MDJ Mudanjiang, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like KSH Kuning, KMI Lhasa, CHTO Chiang Mai, etc.

MOS 23 06:04:04.8:1.2, 1303S:16731E, h242km, mb5.0/20, Error ellipse: s-maj=10.5km s-min=9.0km az=75.0, IDC 23 06:04:06.0:1.9, 1311S:16745E, h252km, 16km, mb4.2/23, mb1 4.3/23, mb1mx4.3/24, mbtmp4.2/23, Error ellipse: s-maj=12.1km s-min=9.3km az=95.0, ISCJB 23 06:04:07.8:1.4, 1307S:006:16724E:004, h273km, 14km, mb4.7/72, Error ellipse: s-maj=9.0km s-min=5.5km az=168.1, BUJ 23 06:04:07.7, 1254S:16717E, h252km, mb4.8, mb4.9, NEIC 23 06:04:08.0:0.2, 1310S:16735E, mb4.8/38, Error ellipse: s-maj=7.9km s-min=5.1km az=137.0, IDC 23 06:04:09.1:1.4, 1310S:005:16730E:004, h273km, 14km, h271km, 9.7km, p-P, n547, c0549/377, mb4.7/72, 86C-106D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and other details. Includes stations like DZM Mont Dzumac, FUNA Funafuti, CTA Charters Tower, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like MDJ, WHN, DL2, HBR, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like YBH, ORV, S05C, J02A, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like EGAK, I06A, BC3, D05A, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Colville Reser, Willow Creek R, P12A, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like F13A, 219A, WMQ, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TIP, CUC, GRR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, CMAR, BVAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKAG Skagway, TUC Tucson, HAWA Hanford, etc.

MAN 23 09:02:00,591N:12545E,h10km,m4.1,ML2.9,MS2.6, Mindanao
Code Station Name Az AzZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RUS Russkaya, MIPR Malaya Ipel'ka, ALID Alaid, etc.

NEIC 23 09:40:14.5:1.1,5185N:17624E,mb4.1/2, Error ellipse: s-maj=21.9km s-min=9.3km az=189.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SMY Shemya, AMYA Amchitka, NIKA Nikolski, etc.

NEIC 23 09:40:16.2:0.7,5203N:009.17638E:007,h76km,6km, h53km,8km:pp-P, n31,1=1000,mb3.8/14,Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, NIKA Nikolski, NIKA Saint Paul Is, etc.

CSEM 23 10:00:03.8:0.1,37.19N:3046E,h5km,MD3.3, Error ellipse: s-maj=1.5km s-min=1.2km az=56.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BCK Bucak, ANTK Antalya, ISP Isparta, etc.

THE 23 10:27:33.3,3931N:2017E,h0km,ML3.3, Error ellipse: s-maj=6.8km s-min=6.1km az=14.3

CSEM 23 10:27:34.0:0.1,3928N:2020E,h2km,ML3.3, Error ellipse: s-maj=2.1km s-min=1.5km az=133.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

NEIC 23 10:55:07.2,6968N:14501W,h5km,ML3.5(AEIC), After AEIC, Northern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BM3 Burnt Mountain, INK Inuvik, IMA2 Indian Mountain, etc.

NEIC 23 11:13:35.2:1.9,259S:13006E,h0km,mb3.7/3,mb1.4/1.5, mb1mx3.8/16,mb1mx3.9/5,ML3.8/2, Error ellipse: s-maj=1.05km s-min=2.1km az=73.0

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

NEIC 23 11:13:36.9:1.4,265S:12981E,h10km,mb3.8/2, Error ellipse: s-maj=27.3km s-min=13.9km az=51.0

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

ISCBJ 23 11:32:09.6:1.0,2982N:004.3620E:005,h0km, Error ellipse: s-maj=6.7km s-min=5.4km az=17.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, HRFI Elat, HOLS, etc.

ISCBJ 23 11:38:06.9:1.0,2986N:004.3629E:005,h0km, Error ellipse: s-maj=6.8km s-min=6.1km az=14.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HRFI Mount Harif, HRFI Elat, EIL Zlri, etc.

IDC 23 12:16:00.2-4.5, 4878S, 10668E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.6/14, mbtmp3.4/3, MS3.3/2, Ms1 3.2/2, ms1mx3.0/12, Error ellipse: s-maj=166.3km, s-min=32.1km az=109.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, ASAR Alice Springs, Vnda Vanda, etc.

IDC 23 12:16:21.9-1.1, 5129N, 17871W, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.8/24, mbtmp3.8/8, ML4.1/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/35, Error ellipse: s-maj=36.3km, s-min=21.2km az=170.0

NEIC 23 12:16:23.3, 5099N, 17853W, h3km, ML3.7(AEIC), After AEIC

ISCJB 23 12:16:27.4, 1.5, 513N, 02, 1786W, 0.1, h52km, 13km, mb3.9/3, Error ellipse: s-maj=29.7km s-min=9.8km

ISC 23 12:16:29.3-1.4, 513N, 02, 1786W, 0.1, h54km, 12km, n20, c1507/18, mb3.9/8, Andean/Indian Oceans

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, AMKA Shemya, UNV Unalaska Valle, etc.

JMA 23 12:40:03.7-0.3, 2287N, 121.22E, h0km, M3.2, ISCJB 23 12:40:04.0-0.3, 2292N, 001, 12107E, 0.02, h1km, 3km, Error ellipse: s-maj=3.2km s-min=2.1km az=174.5

TAP 23 12:40:04.3, 2294N, 12098E, h8km, ML3.6, TAP Felt I J at Sandimen, II J at Taimail, I J at Tauyuan, I J at Lidau, II J at Pinlang

ISC 23 12:40:04.9, 0.3, 2291N, 001, 12107E, 0.02, h5km, 3km, n63, 18/18, 108, 6C-10D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWG Pinlang, TWG Taitung, TTN Taitung, etc.

Table with columns: W GK Gukung, W GK Hengchun, W GK Shilin, etc. Includes station codes like W GK, W GK, W GK, etc.

ISCJB 23 13:22:56.9, 0.4, 2820N, 007, 1404E, 0.2, h432km, 7km, mb3.4/9, Error ellipse: s-maj=26.8km s-min=6.9km az=162.6

IDC 23 13:22:57.2, 0.7, 2808N, 14000E, h403km, 11km, mb3.1/7, mb1 3.1/10, mb1mx3.0/20, mbtmp3.1/10, Error ellipse: s-maj=32.3km s-min=12.1km az=72.0

JMA 23 13:22:58.9, 0.1, 2828N, 14041E, h413km, M3.4, NEIC 23 13:22:58.1, 1.4, 2805N, 13985E, h411km, 15km, mb3.7/2, Error ellipse: s-maj=21.9km s-min=8.8km az=81.0

ISC 23 13:22:58.0, 0.4, 2819N, 008, 1405E, 0.2, h426km, 7km, n27, c0584/32, mb3.4/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichi jima, etc.

SZGRF 23 13:39:56.8, 2250N, 12150E, h33km, mb5.7, MS5.1, Taiwan region

BUI 23 13:40:00.8, 2381N, 12167E, h34km, mb5.2, mb5.2, ML5.5, Ms5.1, Ms25.0

NIED 23 13:40:00, 2380N, 12170E, h35km, Mw5.1 Best double couple: Ms5.37000, 1016 NP1, 155.00000, 368.00000, 1.37.00000, NP2, 49.00000, 856.00000, 1.153.00000

DJA 23 13:40:00, 2366N, 12175E, h8km, mb5.8/7, MOS 23 13:40:01, 0.0, 9, 2370N, 12160E, h43km, mb5.7/107, MS4.9/51, Error ellipse: s-maj=7.9km s-min=3.8km az=116.9

TAP 23 13:40:02, 4, 2372N, 12164E, h39km, ML5.8, TAP Felt I J at Taipei, II J at Sangung, I J at Penghu, I J at Hengchun, I J at Lanyu, I J at Kaohsiung, I J at Yungkuang, I J at Jiouur, I J at Jiali, I J at Kuangyinsan, II J, I J at Sandimen, I J at Santiao Chiao, II J at Jungli (National Central University), II J at Dzung, III J at Dacheng, I J at Hsinchu, I J at Nanshi, I J at Shushan, I J at Chiayi, II J at Nanjuang, II J at Sanyi, I J at Taitung, II J at Iilan, II J at Tsauhsan, II J at Taichung, II J at Tauyuan, I J at Nioudou, II J at Suao, III J at Mingjian, II J at Tsauling, II J at Alishan, II J at Lidau, III J at Nanshan, II J at Yuchr, III J at Nanau, III J at Ruyetan, III J at Tachien, III J at Chengung, VII J at Hehuanshan, II J at Yuli, III J at Chiawan, IV J at Hungey, IV J at Hualien, IV J at Shilin

GCMT 23 13:40:02, 0.2, 2375N, 12170E, h39km, MW5.2/81, Moment Tensor Solution. s70, c111, s81, c148; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mn: 0.70e-02; Mw: 0.10e-01; Mo: 0.80e-02; M: -0.14e-01; M: -0.39e-01; M: 0.37e-02; Best double couple: Mb: 0.9140x10^17 NP: 155.00000, 368.00000, 1.37.00000; NP2: 49.00000, 856.00000, 1.153.00000; Principal axes: T 0.7910, Plg77.0000, Azm111.0000; N

0.2460, Plg0.0000, Azm20.0000; P -1.0370, Plg13.0000, Azm29.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. NEIC 23 13:40:02.0, 2.1, 2367N, 121.63E, mb5.6/158, MS4.9/27 Error ellipse: s-maj=3.7km s-min=3.6km az=73.0 NEIC Felt [III] at T'ai-chung and Taipei and [II] at Kao-hsiung and T'ao-yuan. Felt at Chia-i, Chung-ho, Hsin-chu, Nan-tou, Pan-chiao, Tai-nan and Tung-shih. Also felt at Quanzhou, China. Recorded [5 TAP] in Hua-lien; [4 TAP] in Nan-tou; [3 TAP] in Chang-hua, I-lan, T'ai-chung and T'ai-tung; [2 TAP] in Chia-i, Hsin-chu, Miao-li, Tai-nan, T'ai-pei, T'ao-yuan and Yun-jin; [1 TAP] in Peng-hu and Ping-tung Counties. Recorded [1 JMA] on Iriomote-jima, Ishigaki-jima and Yonaguni-jima, Ryukyu Islands. ISCJB 23 13:40:02.0, 2.1, 2371N, 001, 12166E, 0.01, h43km, 1km, mb5.5/246, MS4.8/76, Error ellipse: s-maj=1.9km s-min=1.6km az=38.5 JMA 23 13:40:03, 1+0.2, 2376N, 121.73E, h76km, M5.5 JMA Felt I J1. IDC 23 13:40:03, 1+1.9, 2369N, 121.70E, h50km, 17km, mb5.1/25, mb1 5.2/30, mb1mx5.1/33, mbtmp5.1/30, ML4.7/5, MS4.6/22, Ms1 4.6/22, ms1mx4.4/31, Error ellipse: s-maj=13.1km s-min=9.2km az=75.0

ORF 23 13:40:03, 1+1.9, 2369N, 123.27E, h30km, mb5.5, ISC 23 13:40:03, 0.1, 2374N, 001, 12166E, 0.01, h43km, 1km, MS4.8, 29km, pp-P, n1156, c1501/1158, mb5.5/246, H42.8/76, 243C-157D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TECC Jichi Village, ESF Shoufeng Towns, ESF Shoufeng Towns, etc.

833	TYL	eS	S	13 51 19.1	-1.4
	TYL	pmx	pmx		
	comp=Z,44nm,0.8s,mb5.3				
	TYL	MLR	MLR		
	comp=Z,3um,18.0s,MS5.0				
IRK	Irkutsk	31.42 339	P	13 46 19.2	-0.9
IRK		e		13 56 50.2	
IRK		pmx	pmx		
	comp=Z,111nm,1.0s,mb5.7				
RAMN	Ramite	31.78 283	eP	13 46 25.1	+1.4
MOY	Mondy	32.09 336	eP	13 46 25.9	-0.2
MOY		pmx	pmx		
	comp=Z,29nm,1.6s,mb4.9				
JIRN	Jiri	32.13 285	eP	13 46 28.3	+1.6
	comp=Z,149nm,0.9s,mb5.8				
GUN	Gumba	32.40 285	eP	13 46 30.4	+1.3
PKI	Pulchoki	32.82 284	eP	13 46 33.6	+0.8
	comp=Z,64nm,0.8s,mb5.6				
PKIN	Pulchoki	32.83 284	eP	13 46 33.5	+0.6
	comp=Z,44nm,0.8s,mb5.4				
KKN	Kakani	32.93 285	eP	13 46 34.4	+0.6
	comp=Z,126nm,0.9s,mb5.9				
DMN	Daman	33.09 285	eP	13 46 36.1	+1.0
	comp=Z,117nm,0.9s,mb5.8				
CLNS	Chul'man	33.15 3	eP	13 46 52.7	+0.6
CLNS		e'PP	sP	13 47 02.3	
CLNS		e	SS	13 48 06.1	
CLNS		eSS	SS	13 54 15.1	-0.5
	comp=Z,14nm,1.0s,mb4.8				
CLNS		pmx	pmx		
	comp=N,9.0nm,0.8s				
CLNS		pmx	pmx		
	comp=E,7.0nm,0.8s				
CLNS		pmx	pmx		
	comp=Z,9.0nm,1.0s,mb4.7				
CLNS		pmx	pmx		
	comp=N,11nm,1.0s				
CLNS		pmx	pmx		
	comp=E,6.0nm,0.9s				
CLNS		MLR	MLR		
	comp=Z,907nm,17.0s,MS4.5				
CLNS		MLR	MLR		
	comp=N,528nm,15.0s,MS4.5				
CLNS		MLR	MLR		
	comp=E,461nm,16.0s,MS4.5				
GKN	Gorkha	33.49 285	eP	13 46 39.2	+0.5
BATI	Baumta	33.79 176	eP	13 46 38.2	-3.0
	comp=Z,145nm,0.7s,mb5.0,baz=291,slow=1.5,SNR=27				
BATI		PcP	PcP	13 49 19.2	-0.7
	comp=E,69nm,0.9s,baz=292,slow=2.2,SNR=5.3				
DANN	Dangsing	34.26 286	eP	13 46 46.4	+1.1
	comp=Z,136nm,0.9s,mb5.9				
WMQ	Urumqi	34.27 314	P	13 46 46.8	+1.6
WMQ		AP	PP	13 46 58.0	+1.1
WMQ		PP	PP	13 48 04.0	+0.6
WMQ		S	S	13 52 10.9	+1.6
WMQ		SS	SS	13 54 23.8	-1.5
WMQ		ScS	ScS	13 57 03.3	-1.6
WMQ		AMB	AMB		
	comp=Z,30nm,1.2s,mb5.1				
WMQ		AMB	AMB		
	comp=Z,282nm,3.8s				
WMQ		LR	LR		
	comp=N,2um,15.0s,MS5.2				
WMQ		LR	LR		
	comp=E,2um,11.0s,MS5.2				
WMQ		LR	LR		
	comp=Z,934nm,19.0s				
KOLN	Koldanda	34.42 285	eP	13 46 47.4	+0.7
	comp=Z,160nm,0.9s,mb5.9				
BOD	Bodaibo	34.49 353	eP	13 46 44.9	-2.0
BOD		pmx	pmx		
	comp=Z,32nm,1.0s,mb5.2				
LGTI	Lohaghat	37.32 288	eP	13 47 11.8	+0.3
PTH	Phitraghar	37.34 288	eP	13 47 12.2	+0.5
KAKA	Kakadu	37.73 163	eP	13 47 11.8	-3.2
	comp=Z,107nm,0.8s,mb5.6				
KAKA		eP	pP	13 47 20.9	-5.9
KAKA		eP	pP	13 49 30.2	-1.3
SKR	Severo-Kuril's	37.86 36	eP	13 47 10.5	-5.3
SKR		e	pP	13 47 20.0	-7.6
SKR		e	pP	13 53 08.0	
	comp=N,30nm,0.6s				
SKR		pmx	pmx		
	comp=E,30nm,0.6s				
SKR		pmx	pmx		
	comp=Z,40nm,0.6s,mb5.3				
SKR		MLR	MLR		
	comp=Z,1um,18.0s,MS4.7				
SKR		MLR	MLR		
	comp=N,1um,16.0s,MS4.9				
SKR		MLR	MLR		
	comp=E,1um,16.0s,MS4.9				
KRAR	Krasnoyarsk	38.53 334	eP	13 47 20.5	-0.9
KRAR		pmx	pmx		
	comp=Z,82nm,1.0s,mb5.4				
KRAR		MLR	MLR		
	comp=Z,3um,17.0s,MS5.2				
YAK	Yakutsk	38.67	6c	13 47 20.4	-2.0
YAK		e'PP	P	13 47 30.3	-3.9
YAK		pmx	pmx		
	comp=Z,48nm,0.9s,mb5.2				
YAK		pmx	pmx		
	comp=N,36nm,1.3s				
YAK		pmx	pmx		
	comp=E,12nm,1.4s				
YAK		pmx	pmx		
	comp=Z,23nm,1.1s,mb4.8				
YAK		MLR	MLR		
	comp=Z,1um,16.0s,MS4.8				
YAK		MLR	MLR		
	comp=N,1um,17.0s,MS4.8				
YAK		MLR	MLR		
	comp=E,702nm,14.0s,MS4.8				
MK31	Makanchi Array	38.96 316	P	13 47 25.3	+0.2
MK31		pmx	pmx		
	comp=Z,84nm,0.9s,mb5.5				
MKAR	Makanchi Array	38.96 316	P	13 47 25.5	+0.4
MKAR		PcP	PcP	13 49 34.1	-0.8
MKAR		P	P	13 47 25.5	+0.5
	comp=Z,82nm,0.8s,mb5.5,baz=112,slow=9.8,SNR=323				
MKAR		PcP	PcP	13 49 34.1	-0.8
	comp=Z,18nm,0.8s,baz=87,slow=5.0,SNR=6.3				
MKAR		P	P	13 47 25.5	+0.4
MKAR		pmx	pmx		
	comp=Z,82nm,0.8s				
DDI	Dehra Dun	39.20 289	eP	13 47 27.0	-0.4
SMLA	Simla	39.96 291	iP	13 47 34.4	+0.8
SMLA		ex	x	13 47 36.1	
	comp=Z,91nm,0.8s				
SMLA		i x	x	13 53 42.3	
PETK	Petropavlovsk-	40.00 33	eP	13 47 34.8	+1.2
PETK		40.00 33	P	13 47 34.2	-1.2
	comp=Z,12nm,0.7s,mb4.8,baz=210,slow=4.3,SNR=21				
PETK		LR	LR	14 03 46.8	
	comp=Z,671nm,22.0s,MS4.4,baz=220,slow=36				
NDI	New Delhi	40.00 287	P	13 47 32.0	-2.0
SDNR	Sundarnagar	40.12 291	eP	13 47 36.3	+1.0
PET	Petropavlovsk	40.44 34	P	13 47 35.4	-1.9
	comp=Z,42nm,0.8s,mb5.2				
PET		LR	LR		
	comp=Z,993nm,21.0s,MS4.6				
PET		40.44 34	eP	13 47 37.1	-0.2
PET		eS	S	13 53 41.4	-1.3
PET		pmx	pmx		
	comp=Z,68nm,0.9s,mb5.4				
PET		MLR	MLR		
	comp=Z,800nm,18.0s,MS4.6				
PET		MLR	MLR		
	comp=Z,700nm,12.0s				
HYB	Hyderabad	40.72 269	eP	13 47 41.5	+1.4
HYB		iP	P	13 47 41.5	+1.4
HYB		eP	PcP	13 49 40.5	-0.6
HYB		eS	S	13 53 50.0	+2.3
THN	Thein Dam	41.19 293	eP	13 47 44.0	+0.2
MA2	Magadan	41.23 22	eP	13 47 42.0	-1.7
	comp=Z,74nm,1.4s,mb5.1				
MA2		41.23 22	eP	13 47 43.9	+0.2
MA2		eS	S	13 53 54.0	-0.3
MA2		eSS	ScS	13 57 35.8	-8.1
	comp=Z,30nm,0.8s,mb5.0				
MA2		MLR	MLR		
	comp=Z,1um,20.4s,MS4.8				

KSH	Kashi	41.50 303	P	13 47 48.5	+2.2
KSH		eAP	pP	13 48 00.3	+2.1
KSH		PP	PP	13 49 28.6	+5.9
KSH		PCP	PcP	13 49 40.8	-2.5
KSH		eSCP	ScP	13 53 30.3	+0.3
KSH		ePCS	PcS	13 53 34.9	+0.4
KSH		S	S	13 54 01.5	+2.6
KSH		X	sS	13 54 22.0	+3.3
KSH		SS	SS	13 57 02.1	-2.4
KSH		eSS	SS	13 57 45.3	-1.0
KSH		AMB	AMB		
	comp=Z,91nm,1.0s,mb5.4				
KSH		AMB	AMB		
	comp=Z,329nm,2.8s,mb5.5				
KSH		LR	LR		
	comp=N,4um,16.6s,MS5.7				
KSH		LR	LR		
	comp=E,5um,13.8s,MS5.7				
KSH		LR	LR		
	comp=Z,5um,13.8s,MS5.6				
FITZ	Fitzroy Crossi	41.76 174	eP	13 47 45.3	-3.2
	comp=Z,32nm,1.1s,mb4.9				
FITZ		eP	PcP	13 49 42.8	-1.5
FITZ		P	P	13 47 45.6	-2.9
	comp=Z,17nm,0.9s,mb4.7,baz=9.3,slow=9.5,SNR=28				
FITZ		PcP	PcP	13 49 43.0	-1.3
	comp=Z,19nm,0.7s,baz=315,slow=0.9,SNR=12				
ULHL	Ulahol	41.77 307	P	13 47 49.9	+1.5
	SNR=30				
NVS	Novosibirsk	42.11 328	iP	13 47 49.9	-1.1
NVS		eS	S	13 54 04.7	-2.8
NVS		pmx	pmx		
	comp=Z,51nm,0.9s,mb5.2				
NVS		pmx	pmx		
	comp=N,47nm,1.6s				
NVS		pmx	pmx		
	comp=E,52nm,1.3s				
NVS		smax	smax		
	comp=E,39nm,1.8s				
NVS		smax	smax		
	comp=N,28nm,2.7s				
TKM2	Tokmak 2	42.38 308	eP	13 47 54.5	+1.2
	comp=Z,47nm,0.8s,mb5.2				
TKM2	Tokmak 2	42.38 308	eP	13 47 54.4	+1.0
TKM2		pmx	pmx		
	comp=Z,42nm,0.8s,mb5.1				
TKM2		P	P	13 47 54.8	+1.4
	SNR=52				
AJM	Ajmer	42.48 284	eP	13 47 53.0	-1.4
KURK	Kurchatov	42.71 320	eP	13 47 55.4	-0.6
	comp=Z,46nm,0.6s,mb5.4				
KURK		42.71 320	P	13 47 56.0	+0.1
	SNR=29				
KURK		42.71 320	iP	13 47 55.8	-0.1
KURK		pmx	pmx		
	comp=Z,62nm,0.8s,mb5.4				
KURK		MLR	MLR		
	comp=Z,800nm,18.0s,MS4.7				
KBK	Karagaybulak	42.79 308	P	13 47 58.3	+1.6
	SNR=13				
COEN	Coen	42.97 148	eP	13 47 58.1	-0.2
	comp=Z,96nm,0.9s,mb5.1				
CHMS	Chumysh	43.00 308	P	13 47 59.8	+1.4
	SNR=14				
UCH	Uchtor	43.03 307	eP	13 48 00.6	+1.9
	comp=Z,44nm,1.3s,mb5.0				
UCH		43.03 307	P	13 48 00.9	+2.3
	SNR=7.5				
FRU	Bishkek	43.07 308	eP	13 47 58.5	-0.4
FRU		pmx	pmx		
	comp=Z,37nm,1.2s,mb5.0				
FRU		MLR	MLR		
	comp=Z,2um,19.0s,MS4.9				
USP	Ospenovka	43.23 309	P	13 48 01.0	+0.7
	SNR=18				
AML	Almalyshu	43.62 307	P	13 48 05.8	+2.4
	SNR=16				
EKS2	Erkin-Say	43.64 308	eP	13 48 04.5	+0.9
	comp=Z,172nm,0.8s,mb5.8				
EKS2	Erkin-Say	43.64 308	P	13 48 04.8	+1.2
	SNR=14				
SEY	Seymchan	44.25 20	iP	13 48 08.0	-0.1
MBWA	Marble Bar	44.66 183	eP	13 48 09.1	-2.8
	comp=Z,152nm,1.4s,mb5.6				
MBWA		eP	PcP	13 49 52.2	-1.8
MBWA		LR	LR		
	comp=Z,439nm,20.0s,MS4.4				
POO	Poona	44.73 273	eP	13 4	

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOS, MSK, KDAK, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SUW, TIRR, SKAG, HARR, and many others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRUS, RHK, PVCC, LTK, and many others.

E10A	Myers Farm, Un	92.24	36	↑P	P	13 53 08.9	+0.2
WALA	Waterton Lakes	92.26	33	↑P	P	13 53 09.2	+0.5
F09A	S2 Ranch, Elgi	92.28	37	↑P	P	13 53 09.3	+0.5
CAF	Calviac	92.28	322	eP	P	13 53 08.3	-0.6
CAF	Calviac	92.28	322	eP	P	13 53 08.3	-0.6
CAF	Calviac	92.28	322	eP	P	13 53 08.3	-0.6
D11A	Klaveano Farm,	92.30	35	↑P	P	13 53 09.0	+0.1
M04C	Macdoel	92.30	42	↑P	P	13 53 09.8	+0.7
K05A	Summer Lake	92.33	41	↑P	P	13 53 10.4	+1.2
I07A	Izeze	92.36	39	↑P	P	13 53 10.3	+1.1
RJF	Les Rejaudoux	92.36	322	eP	P	13 53 08.6	-0.6
RJF	Les Rejaudoux	92.36	322	eP	P	13 53 08.6	-0.6
RJF	Les Rejaudoux	92.36	322	eP	P	13 53 08.6	-0.6
RJF	Les Rejaudoux	92.36	322	eP	P	13 53 08.6	-0.6
RJF	Les Rejaudoux	92.36	322	eP	P	13 53 08.6	-0.6
M03C	McCloud	92.42	43	↑P	P	13 53 10.1	+0.5
B13A	Whitefish	92.42	34	↑P	P	13 53 10.2	+0.7
J10A	Christmas Vall	92.47	40	↑P	P	13 53 10.8	+1.0
F06A	Beach Ranch, E	92.49	37	↑P	P	13 53 10.4	+0.6
WDC	Whiskeytown Da	92.55	43	eP	P	13 53 09.8	-0.4
WDC	Whiskeytown Da	92.55	43	eP	P	13 53 10.8	+0.6
WDC	Whiskeytown Da	92.55	43	eP	P	13 53 10.5	+0.3
H08A	Prairie City	92.57	38	↑P	P	13 53 11.0	+0.8
MIR	Mirnyy	92.58	191	↑P	P	13 53 08.0	-1.5
G09A	Cove	92.61	37	↑P	P	13 53 11.1	+0.7
O02C	Red Bluff	92.62	44	↑P	P	13 53 11.3	+0.8
FCC	Fort Churchill	92.64	18	eP	P	13 53 08.8	-1.4
FCC	Fort Churchill	92.64	18	eP	P	13 53 08.8	-1.4
FCC	Fort Churchill	92.64	18	eP	P	13 53 12.0	+1.2
SGMF	Saint Gilles	92.67	326	eP	P	13 53 08.7	-1.9
SGMF	Saint Gilles	92.67	326	eP	P	13 53 08.7	-1.9
SGMF	Saint Gilles	92.67	326	eP	P	13 53 08.7	-1.9
L05A	Lakeview	92.76	41	↑P	P	13 53 12.3	+1.2
E11A	Bogner Ranch,	92.80	36	↑P	P	13 53 11.5	+0.3
D12A	Red Ives Fores	92.82	35	↑P	P	13 53 11.5	+0.2
C13A	Hot Springs	92.82	34	↑P	P	13 53 12.0	+0.2
KEST	Keasa	92.83	313	↑P	P	13 53 11.9	+0.1
KEST	Keasa	92.83	313	↑P	P	14 44 24.0	
J07A	Hines	92.89	40	↑P	P	13 53 12.7	+1.0
GASB	Alder Springs	92.96	44	↑P	P	13 53 12.9	+0.8
G10A	Bishop Farm, J	92.97	37	↑P	P	13 53 12.6	+0.5
M05C	Lookout	92.97	42	↑P	P	13 53 12.6	+0.4
ROSF	Rostrene	92.98	327	eP	P	13 53 10.2	-1.8
ROSF	Rostrene	92.98	327	eP	P	13 53 10.2	-1.8
ROSF	Rostrene	92.98	327	eP	P	13 53 10.2	-1.8
ROSF	Rostrene	92.98	327	eP	P	13 53 10.2	-1.8
I08A	Drewsey	93.00	39	↑P	P	13 53 13.2	+1.0
LFF	La Frestale	93.02	322	eP	P	13 53 11.7	-0.6
LFF	La Frestale	93.02	322	eP	P	13 53 11.7	-0.6
LFF	La Frestale	93.02	322	eP	P	13 53 11.7	-0.6
H09A	Durke	93.05	38	↑P	P	13 53 13.3	+0.8
HATC	Hat Creek Radi	93.09	43	↑P	P	13 53 13.2	+0.5
HOPS	Hopland	93.10	45	↑P	P	13 53 12.5	-0.2
F11A	Grangeville	93.13	36	↑P	P	13 53 12.5	-0.2
MTLF	Montlieu	93.14	320	eP	P	13 53 11.8	-1.1
MTLF	Montlieu	93.14	320	eP	P	13 53 11.8	-1.1
MTLF	Montlieu	93.14	320	eP	P	13 53 11.8	-1.1
MOD	Modoc	93.17	41	eP	P	13 53 13.7	+0.6
MOD	Modoc	93.17	41	eP	P	13 53 13.5	+0.5
C14A	Swan Lake	93.19	34	↑P	P	13 53 13.3	+0.3
O03C	Acorn Hollow,	93.20	44	↑P	P	13 53 12.7	-0.6
D13A	Husod	93.26	35	↑P	P	13 53 13.0	-0.3
K07A	Rock Creek Ran	93.33	40	↑P	P	13 53 14.3	+0.5
FFC	Flin Flon	93.37	24	eP	P	13 53 11.7	-2.0
FFC	Flin Flon	93.37	24	eP	P	13 53 12.7	-1.0
G11A	Walters Elk R	93.37	37	↑P	P	13 53 13.8	-0.1
J08A	Circle Bar Ran	93.39	39	↑P	P	13 53 14.5	+0.5
I09A	Lost Mines R	93.44	39	↑P	P	13 53 14.8	+0.6
M06C	Likely Place G	93.47	42	↑P	P	13 53 15.2	+0.7
MNRC	McLaughlin Nat	93.57	45	↑P	P	13 53 15.8	+0.8
O04C	Chester	93.61	43	↑P	P	13 53 15.9	+0.8
H10A	Noah's Angus R	93.61	38	↑P	P	13 53 15.0	0.0
ELFS	Eagle Lake Fie	93.66	43	↑P	P	13 53 16.3	+0.9
NSHM	Saint Helena R	93.67	45	eP	P	13 53 15.7	+0.3
L07A	Adell	93.68	41	↑P	P	13 53 16.8	+1.4
MCCM	Marconi Confer	93.70	46	↑P	P	13 53 16.3	+0.7
F12A	Elk City	93.70	36	↑P	P	13 53 15.2	-0.2
M05A	Missoula	93.70	35	eP	P	13 53 15.2	-0.2
K08A	Mann Creek Ran	93.75	40	↑P	P	13 53 16.5	+0.8

D14A	Greenough	93.76	34	↑P	P	13 53 15.3	-0.3
ORV	Oroville	93.79	44	↑P	P	13 53 15.6	-0.4
SUTB	Sut Butte	93.79	44	↑P	P	13 53 15.1	-0.8
J09A	Fry Pan Ranch,	93.81	39	↑P	P	13 53 16.9	+0.9
E13A	Victor	93.82	35	↑P	P	13 53 15.2	-0.7
CVS	Carment Viney	93.86	45	↑P	P	13 53 17.5	+1.2
FARB	Farallon Islan	93.87	46	↑P	P	13 53 16.9	+0.5
I10A	Payette	93.90	38	↑P	P	13 53 16.7	+0.4
O05C	Quincy	93.92	43	↑P	P	13 53 16.4	-0.1
OHCM	Honcut	93.92	44	eP	P	13 53 16.4	-0.2
H11A	Donnelly	93.95	37	↑P	P	13 53 16.5	-0.1
Q03C	Winters	93.98	45	↑P	P	13 53 17.4	+0.5
CHMT	Chamberlain Mo	94.00	34	eP	P	13 53 16.7	0.0
N06A	Buffalo Meadow	94.13	42	↑P	P	13 53 17.9	+0.4
M07A	Soldier Meadow	94.16	41	↑P	P	13 53 18.3	+0.7
L08A	Fields	94.17	40	↑P	P	13 53 18.7	+1.1
F13A	Darby	94.17	36	↑P	P	13 53 16.7	-0.8
E14A	Clinton	94.20	35	↑P	P	13 53 17.8	+0.1
K09A	Rome	94.22	40	↑P	P	13 53 18.7	+0.8
Q04C	Lincoln	94.28	44	↑P	P	13 53 18.3	+0.1
D15A	Lincoln	94.29	34	↑P	P	13 53 18.2	+0.1
BEKR	Beckwirth	94.33	43	↑P	P	13 53 18.6	+0.2
J10A	Berg Farm, Mel	94.33	38	↑P	P	13 53 18.6	+0.2
EPF	Esparras	94.42	321	eP	P	13 53 17.4	-1.4
EPF	Esparras	94.42	321	eP	P	13 53 17.4	-1.4
EPF	Esparras	94.42	321	eP	P	13 53 17.4	-1.4
EPF	Esparras	94.42	321	eP	P	13 53 17.4	-1.4
BDM	Black Diamond	94.47	45	↑P	P	13 53 19.0	-0.1
I11A	Placeville	94.48	38	↑P	P	13 53 19.1	+0.1
O06A	Flanigan	94.48	42	↑P	P	13 53 19.4	+0.3
P05C	Yuba Gap, Truc	94.50	44	↑P	P	13 53 19.2	0.0
M08A	Happy Creek Ra	94.60	41	↑P	P	13 53 20.6	+0.9
E15A	Deer Lodge	94.64	34	↑P	P	13 53 19.9	+0.2
N07B	Geisach	94.64	42	↑P	P	13 53 20.4	+0.6
F14A	Wisdom	94.67	35	↑P	P	13 53 20.1	+0.3
K10A	MacKenzie Ranc	94.67	39	↑P	P	13 53 20.6	+0.7
L09A	Wilkinson Ranc	94.67	40	↑P	P	13 53 20.9	+0.9
G13A	Cobal	94.67	36	↑P	P	13 53 20.3	+0.4
H12A	Diamond D Ranc	94.69	37	↑P	P	13 53 20.1	+0.2
LAVA	Lava Gap Winer	94.73	44	↑P	P	13 53 20.1	-0.2
MFID	Camas Ranch	94.87	38	↑P	P	13 53 21.3	+0.5
ETSF	Etsaut	95.02	321	eP	P	13 53 20.2	-1.3
ETSF	Etsaut	95.02	321	eP	P	13 53 20.2	-1.3
ETSF	Etsaut	95.02	321	eP	P	13 53 20.2	-1.3
PAHR	Path Range	95.03	43	eP	P	13 53 21.8	+0.2
WCN	Washoe City	95.03	43	↑P	P	13 53 22.1	+0.4
O07A	Toulou	95.07	42	↑P	P	13 53 22.2	+0.4
S04C	Ingram Canyon,	95.07	45	↑P	P	13 53 23.0	+1.1
F15A	Butte	95.11	35	↑P	P	13 53 22.1	+0.2
N08A	GE Springer Mi	95.15	41	↑P	P	13 53 22.8	+0.7
K11A	Parker Ranch,	95.16	39	↑P	P	13 53 22.6	+0.4
M09A	Marrel Ranch,	95.17	40	↑P	P	13 53 22.9	+0.6
R05C	Kirkwood Meado	95.18	44	↑P	P	13 53 22.5	+0.1
L10A	Juniper Basin	95.34	39	↑P	P	13 53 23.8	+0.8
DLMT	Dillon	95.37	35	eP	P	13 53 23.2	+0.1
CMB	Coluna Colle	95.38	44	eP	P	13 53 22.1	-1.1
CMB	Columbia Colle	95.38	44	eP	P	13 53 22.1	-1.2
CMB	Columbia Colle	95.38	44	eP	P	13 53 23.0	-0.2
PACB	Pacheco Peak	95.38	46	↑P	P	13 53 23.4	+0.1
J12A	Stokes Ranch,	95.38	38	↑P	P	13 53 24.0	+0.8
N09A	Rock Creek Ran	95.47	41	↑P	P	13 53 24.3	+0.7
I13A	Wildhorse Cree	95.50	37	↑P	P	13 53 24.6	+0.9
G15A	Dillon	95.56	35	↑P	P	13 53 24.1	+0.1
HLID	Hailey	95.57	37	eP	P	13 53 24.7	+0.7
HLID	Hailey	95.57	37	eP	P	13 53 24.7	+0.7
MCMT	McKenzie Canyo	95.59	36	eP	P	13 53 24.8	+0.7
M10A	LL Ranch, Tu	95.64	40	↑P	P	13 53 25.4	+1.0
BOZ	Bozeman (W)	95.69	34	eP	P	13 53 24.1	-0.4
BOZ	Bozeman (W)	95.69	34	eP	P	13 53 24.1	-0.4
R06C	Coleville	95.69	44	↑P	P	13 53 25.3	+0.6
L11A	Cat Creek Ranc	95.70	39	↑P	P	13 53 25.1	+0.5
J13A	Cove Ranch, Pi	95.81	37	↑P	P	13 53 25.8	+0.7
S06C	San Francisco	95.81	44	↑P	P	13 53 25.3	0.0
PPT	Papeete	95.81	107	ePP	PP	13 57 18.9	+0.8
PPT	Papeete	95.81	107	eSS	SS	14 11 11.3	-0.2
PPT	Papeete	95.81	107	eLR	LR	14 20 24.4	
PPT	Papeete	95.81	107	eLR	LR	14 24 26.5	
PPT	Papeete	95.81	107	eLR	LR	14 28 53.5	
K12A	Draper Farm, C	95.89	38	↑P	P	13 53 26.6	+1.1
BMN	Battle Mountai	95.91	41	eP	P	13 53 26.8	+1.1
BMN	Battle Mountai	95.91	41	eP	P	13 53 26.8	+1.2
BMN	Battle Mountai	95.91	41	eP	P	13 53 26.8	+1.2
V03C	Hunter Liggett	95.98	47	↑P	P	13 53 26.3	+0.2
U04C	Hernandez Rese	96.08	46	↑P	P	13 53 26.9	+0.4
O09A	Fish Creek Ran	96.09	41	↑P	P	13 53 27.3	+0.8

L12A	House Creek Ra	96.14	39	↑P	P	13 53 27.3	+0.7
N10A	Dunphy	96.16	41	↑P	P	13 53 27.5	+0.7
R07C	Lee Vining	96.20	44	↑P	P	13 53 27.7	+0.7
K13A	Stover Farm, H	96.34	38	↑P	P	13 53 28.7	+1.2
T06C	Millerton Lake	96.41	45	↑P			

DUG	comp=Z,9.0nm,1.0s,mb5.2	pmax	pmax			
DUG	Dugway 98.66	39	UP	P	13 53 38.5 +0.4	
PDAR	Pinedale Array 98.74	36	P	P	13 53 37.9 -0.5	
EDW2	Edwards Air Fo 98.80	46	UP	P	13 53 38.9 +0.1	
O15A	The Old Anders 98.81	39	UP	P	13 53 39.1 +0.4	
R12A	Pony Springs, 98.81	41	UP	P	13 53 38.9 +0.2	
P14A	Drum Mountains 98.91	40	P	P	13 53 39.7 +0.5	
U10A	Ash Meadows, A 98.93	44	UP	P	13 53 39.8 +0.4	
ESDC	Sonsec Array 99.06	321	LR	LR	14 46 21.4	
LSZ	Lusaka 99.11	257	P	P	13 53 38.6 -1.9	
LSZ	Lusaka 99.11	257	P	P	13 53 39.2 -1.2	
LSZ	Lusaka 99.11	257	P	P	13 53 38.6 -1.8	
S12A	Delamar Lander 99.12	42	UP	P	13 53 40.4 +0.3	
T11A	Corn Creek, Al 99.12	43	UP	P	13 53 40.2 +0.1	
Q14A	Sevier Lake (B 99.18	40	P	P	13 53 40.8 +0.4	
ULM	Lac du Bonnet 99.19	23	P	P	13 53 37.3 -2.9	
ULM	Lac du Bonnet 99.19	23	P	P	13 53 38.4 -1.8	
ULM	comp=Z,155nm,18.8s,MS4.5,baz=82,slow=40		LR	LR	14 46 28.3	
R13A	O'Grain Ranch, 99.29	41	UP	P	13 53 41.3 +0.4	
GSC	Goldstone 99.31	45	eP	P	13 53 41.4 +0.3	
GSC	Goldstone 99.31	45	eP	P	13 53 41.4 +0.3	
GSC	Goldstone 99.31	45	eP	P	13 53 41.0 -0.1	
P15A	Leamington 99.38	39	UP	P	13 53 41.4 +0.1	
BFSC	Mount Baldy St 99.40	46	UP	P	13 53 41.2 -0.3	
DAU	Daniels Canyon 99.41	38	eP	P	13 53 42.2 +0.8	
S13A	Holt Ranch, En 99.74	42	UP	P	13 53 42.2 +0.3	
TUQ	Turquoise Mtn. 99.80	44	UP	P	13 53 43.5 +0.7	
ARUT	Antelope Range 99.86	41	Pdf	Pdf	13 53 43.5 +0.3	
HEC	Hector,Ludlow 99.91	45	UP	P	13 53 43.5 +0.1	
CCUT	Cedar City 100.06	41	ePdf	Pdf	13 53 45.4 +1.3	
T13A	Saint George 100.07	42	UP	P	13 53 44.8 +0.7	
MSU	Marysvalle 100.14	40	ePdf	Pdf	13 53 46.2 +1.8	
V12A	Nelson 100.30	44	UP	P	13 53 45.8 +0.6	
GM3C	Granite Mouna 100.37	45	UP	P	13 53 46.1 +0.6	
U13A	Pakoon Wash 100.42	43	UP	P	13 53 46.2 +0.5	
Q16A	Castle Valley 100.46	39	UP	P	13 53 46.3 +0.5	
LDFC	Landfair 100.54	44	ePdf	Pdf	13 53 46.8 +0.6	
RSSD	Black Hills 100.57	32	ePdf	Pdf	13 53 44.6 -1.7	
RSSD	Black Hills 100.57	32	P	P	13 53 47.4 +1.1	
RSSD	Black Hills 100.57	32	Pmax	Pmax		
PFO	Pinoyon Flat Ob 100.57	46	ePdf	Pdf	13 53 47.0 +0.7	
PFO	Pinoyon Flat Ob 100.57	46	P	P	13 53 47.0 +0.7	
PFO	Pinoyon Flat Ob 100.57	46	Pmax	Pmax		
PFO	Pinoyon Flat Ob 100.57	46	UP	P	13 53 46.6 +0.3	
BELC	Belle Mtn. 100.64	46	UP	P	13 53 46.6 0.0	
SRU	San Rafael 100.70	39	ePdf	Pdf	13 53 47.7 +0.8	
SRU	San Rafael 100.70	39	eP	P	13 53 47.7 +0.8	
SRU	San Rafael 100.70	39	UP	P	13 53 47.7 +0.8	
SRU	San Rafael 100.70	39	UP	P	13 53 46.9 0.0	
MATP	Matopo 100.73	252	P	P	13 53 45.5 -1.6	
M13A	Grand Canyon W 100.77	43	UP	P	13 53 47.7 +0.5	
VAW	Mawson 100.82	199	P	P	13 53 45.1 -2.3	
U14A	Mt Trumbull 100.90	42	UP	P	13 53 48.6 +0.8	
Q18A	Rafter H Ranch 100.93	39	UP	P	13 53 48.1 +0.2	
T15A	Red Dirt Ranch 101.00	41	UP	P	13 53 49.0 +0.8	
MONP	Monument Peak 101.04	47	UP	P	13 53 48.8 +0.4	
R17A	Hanksville Air 101.06	39	UP	P	13 53 48.9 +0.4	
IRM	Iron Mountain 101.09	45	UP	P	13 53 49.1 +0.5	
BC3	Big Chuck Mtn 101.20	46	UP	P	13 53 49.6 +0.4	
SCHO	Schefferville 101.42	45	PKKPb	PKKPb	14 09 54.9 -4.7	
SWSC	Sam W. Stewart 101.42	46	UP	P	13 53 50.5 +0.4	
U15A	North Rim 101.44	42	UP	P	13 53 51.1 +0.9	
V14A	Boquillas Ranc 101.45	43	UP	P	13 53 51.1 +0.8	
Q19A	Hogan Spring (101.53	38	UP	P	13 53 51.1 +0.5	
R18A	Canyonlands Na 101.56	39	UP	P	13 53 51.0 +0.3	
PDMCI	Parker Dam,Lak 101.65	44	UP	P	13 53 51.6 +0.5	
X13A	Fuucca 101.66	44	UP	P	13 53 51.6 +0.5	
W14A	Seligman 101.74	43	UP	P	13 53 52.2 +0.7	
V15A	Kalbab Nationa 101.91	42	UP	P	13 53 53.1 +0.8	
S18A	Hurst Farm, BI 101.97	39	UP	P	13 53 53.0 +0.5	
PV10	Paradox Valley 102.05	38	ePdf	Pdf	13 53 53.5 +0.6	
Y13A	Salome 102.16	45	UP	P	13 53 54.4 +1.0	
W15A	Williams 102.27	43	UP	P	13 53 54.6 +0.8	
U17A	Shonto 102.31	41	UP	P	13 53 54.9 +0.8	
U16A	Tuba City 102.33	41	UP	P	13 53 55.1 +0.9	
X14A	Yava 102.34	44	UP	P	13 53 55.4 +1.2	
T18A	Mexican Hat 102.42	40	UP	P	13 53 55.4 +0.9	
S19A	Harvey Farm, M 102.43	39	UP	P	13 53 55.5 +0.9	
PV01	Paradox Valley 102.49	38	ePdf	Pdf	13 53 56.0 +1.1	
WUAZ	Wupatki 102.60	42	ePdf	Pdf	13 53 56.6 +1.2	
WUAZ	Wupatki 102.60	42	UP	P	13 53 56.6 +1.3	
Y14A	Wickenburg 102.61	44	UP	P	13 53 56.2 +0.8	
SMCO	Snowmass 102.65	37	ePdf	Pdf	13 53 56.5 +1.0	
X15A	Humboldt 102.74	43	UP	P	13 53 57.0 +1.0	
W16A	Flagstaff 102.78	42	UP	P	13 53 57.0 +0.9	
Y13A	Mohawk Valley, 102.86	45	UP	P	13 53 57.4 +0.9	
U18A	Rough Rock, Ch 102.90	40	UP	P	13 53 57.7 +1.0	
Y15A	Casa Rosa Ranc 103.02	44	UP	P	13 53 58.1 +0.9	

baz=103	MVCO Mesa Verde 103.17	39	UP	Pdf	13 53 59.1 +1.3	
W17A	Winstow 103.29	42	UP	Pdf <td>13 53 59.5 +1.0</td> <td></td>	13 53 59.5 +1.0	
Y16A	Circle Bar Ran 103.61	43	UP	Pdf <td>13 54 00.9 +1.1</td> <td></td>	13 54 00.9 +1.1	
VNDA	Vanda 103.79	172	Pdf	Pdf <td>13 53 57.2 -3.4</td> <td></td>	13 53 57.2 -3.4	
VNDA	comp=Z,5.1nm,1.1s,baz=316,slow=2,SNR=4.3		PP	PP	13 58 14.2 -3.2	
W19A	Sanders 104.08	41	UP	Pdf <td>13 54 03.5 +1.6</td> <td></td>	13 54 03.5 +1.6	
X19A	St. Johns 104.60	42	UP	Pdf <td>13 54 06.5 +2.3</td> <td></td>	13 54 06.5 +2.3	
Z17A	San Carlos Hig 104.62	43	UP	P	13 54 06.6 +2.3	
117A	Oracle 104.94	44	UP	Pdf <td>13 54 08.5 +2.8</td> <td></td>	13 54 08.5 +2.8	
Y19A	Nutrisio 104.94	42	UP	Pdf <td>13 54 08.4 +2.7</td> <td></td>	13 54 08.4 +2.7	
RKT	Rikitea 110.57	107	eLR	LR	14 31 10.3	
TORD	Torodi Ar. Bea 110.81	295	PKIKP	PKIKP	13 58 30.1 -2.3	
TORD	comp=Z,2.3nm,1.0s,baz=32,slow=0.6,SNR=6.9		PKKP	PKKP	14 09 40.4 +1.1	
TXAR	Lajitas Array 111.56	42	PKP	PKP	13 58 32.5 -1.0	
TXAR	Lajitas Array 111.56	42	PKP	PKP	13 59 10.6 -3.8	
TXAR	Lajitas Array 111.56	42	PKP	PKP	14 09 26.1 -1.6	
TXAR	comp=Z,1.2nm,0.7s,baz=235,slow=0,SNR=15		PP	PP	13 59 10.6 -3.8	
TXAR	comp=Z,3.1nm,1.0s,baz=334,slow=5.3,SNR=4.7		PKKPb	PKKPb	14 09 26.1 -1.6	
TXAR	Lajitas Array 111.56	42	PKIKP	PKIKP	13 58 32.5 -1.0	
TXAR	Lajitas Array 111.56	42	PKIKP	PKIKP	13 59 10.6	
JCT	Junction City 113.01	38	ePKIKP	PKIKP	13 58 35.1 -1.1	
JCT	Junction City 113.01	38	LR	LR	13 58 35.1 -1.1	
PLAL	Plewick Lake 115.90	27	ePKIKP	PKIKP	13 58 37.5 -2.7	
DBIC	Dimbokro 119.70	293	PKP	PKP	13 58 47.2 -2.2	
KIC	Kosan Boka 119.76	293	ePKP2	PKP2	13 58 47.8 -1.8	
TIC	Toumodi 120.85	293	ePKP2	PKP2	13 58 46.6 -3.2	
LIC	Lamto 119.80	293	ePKP2	PKP2	13 58 48.3 -1.9	
PCRV	Puerto La Cruz 145.74	11	PKPb	PKPb	13 59 36.4 -1.9	
ROSC	El Rosal 147.59	31	ePKP	PKP	13 59 41.5 +0.3	
ROSC	El Rosal 147.59	31	ePKP	PKP	13 59 41.9 -1.8	
USHA	Ushuaia 150.05	169	PKPb	PKPb	13 59 42.9 -0.8	
EFI	East Falkland 152.11	180	ePKPb	PKPb	13 59 50.0 -1.7	
ATAH	Atahualpa 154.55	52	PKP	PKP	13 59 53.0 +1.2	
ATAH	comp=Z,5.4nm,0.8s,baz=352,slow=7.0,SNR=6.8		PKPb	PKPb	14 00 00.7 +0.5	
ATAH	comp=Z,9.8nm,0.8s,baz=31.1,slow=3.2,SNR=5.8		PKPb	PKPb	14 00 14.4 -0.3	
ATAH	comp=Z,15nm,0.9s,baz=318,slow=9.9,SNR=6.5		PKPb	PKPb	14 00 33.2 -0.3	
NNA	Nana 158.90	160	PKPb	PKPb	13 59 57.1 -0.9	
PLCA	Paso Flores 160.19	152	PKP	PKP	14 00 37.0 -1.2	
PLCA	Paso Flores 160.19	152	PKP2	PKP2	14 00 37.1 -1.2	
PLCA	Brasilia 167.38	308	PKP	PKP	14 00 03.9 -1.4	
BDFB	BDFB 167.38	308	PKP	PKP	14 01 10.4 -0.1	
BDFB	comp=Z,1.3nm,0.8s,baz=38,slow=8.8,SNR=2.2		PKPb	PKPb	14 00 06.1 +0.2	
LPAZ	La Paz 168.19	53	PKP	PKP	14 01 13.6 -0.6	
LPAZ	comp=Z,8.8nm,0.9s,baz=16,slow=3.0,SNR=15		PKPb	PKPb	14 01 03.4 -2.1	
CFAA	Coronel Fenton 168.25	134	PKP	PKP	14 00 03.4 -2.1	
SIV	San Ignacio 171.88	19	PKP	PKP	14 00 07.4 -0.6	
SIV	comp=Z,12nm,1.0s,baz=154,slow=5.8,SNR=36		PKPb	PKPb	14 01 28.2 -2.1	
CPUP	Villa Florida 172.76	199	PKP	PKP	14 00 07.2 -2.2	
CPUP	comp=Z,4.4nm,0.8s,baz=205,slow=2.6,SNR=7.2		PKPb	PKPb	14 01 50.6 -3.4	
CPUP	comp=Z,6.7nm,0.9s,baz=154,slow=5.9,SNR=5.2					
MAN 23 13:40:08,1033N-12501E,h10km,mb4.5,ML3.4,MS3.3, 1D, Leyte						
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
MSP	Maasin	0.24 217	eP	Pg	13 40 15.3 +2.3	
OCLP	Ormoc	0.82 311	eP	Pg	13 40 24.7 +0.8	
PLP	Palo	0.83 358	UP	Pg	13 40 23.2 -0.9	
PLP	Lapu-Lapu	1.03 269	eS	Pg	13 40 35.3 +0.4	
LLP	Lapu-Lapu	1.03 269	eS	Pg	13 40 28.9 +0.5	
LLP	Lapu-Lapu	1.03 269	eS	Pg	13 40 27.9 +2.8	
TBP	Tagbilaran	1.29 241	eP	Pn	13 40 30.1 +0.8	
BESP	Borongan	1.33 18	eP	Pn	13 40 30.7 -2.0	
GUIM	Jordan	2.04 277	eP	Pn	13 40 50.5 +3.2	
OTRP	Odiangan	3.56 305	eP	Pn	13 41 07.3 +3.9	
THE 23 13:40:14.4, 3932N-2008E, h7km, ML2.8						
ATH 23 13:40:15.4, 3924N-2032E, h19km,6km, MD3.2/5						
NEIC 23 13:40:15.4, 3924N-2032E, h19km, MD3.2(ATH), After ATH.						
ISCJB 23 13:40:16.1±0.6, 3937N-003.2031E-007, h29km,5km, Error						

Table with 5 columns: Station Name, Time, Res, Az, El. Rows include KNM, JOGS, JOW, etc.

ISCJB 23 14:10:47.8.0.3928N.003.2021E.006, h11km, 5km, Error ellipse: s-maj=8.0km s-min=5.1km az=172.2

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include IGT, KEK, JAN, etc.

NEIC 23 14:22:49.1, 1715N, 9538W, h123km, MD3.9(MEX), After MEX.

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CMIG, OXX, VHO, etc.

ISC 23 14:26:40.9.4.7, 4811N.15479E, h66km, 39km, mb3.3/5, mb1 3.5/6, mb1mx3.3/21, mbtmp3.4/6, ML3.7/1, MS2.8/1, Ms1 2.8/1, ms1mx2.4/20, Error ellipse: s-maj=52.0km s-min=22.3km az=165.0, Kuril Islands

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include PETK, ASAJ, KRSR, etc.

ISCJB 23 14:29:25.8.1.2, 71S.02.1248E.02, h541km, 15km, mb3.6/2, Error ellipse: s-maj=42.7km s-min=15.9km az=144.1

ISC 23 14:29:25.6.3.6, 696S.12502E, h520km, 49km, mb3.0/2, mb1 3.2/7, mb1mx2.9/19, mbtmp3.0/7, Error ellipse: s-maj=130.5km s-min=17.0km az=56.0

NEIC 23 14:29:26.3.1.1, 713S.12492E, h535km, 19km, mb4.0/1, Error ellipse: s-maj=34.7km s-min=12.7km az=52.0

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include BATI, KAPI, FITZ, etc.

ISC 23 14:30:19.0.7.2, 1672S.17378W, h46km, 56km, mb3.5/4, mb1 3.8/5, mb1mx3.5/19, mbtmp3.6/5, ML2.1/1, Error ellipse: s-maj=188.8km s-min=26.5km az=147.0, Tonga Islands

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include AFI, STKA, WRA, etc.

BJJ 23 14:33:37.4, 5774N, 12807E, h13km, mb4.7, mb4.6, Ms4.4, Ms2.1

ISCJB 23 14:33:41.4.0.4, 5750N, 004.4, 12843E.009, h10km, mb3.8/10, Error ellipse: s-maj=7.4km s-min=5.8km az=37.5

MOS 23 14:33:41.2.1.8, 5752N, 12848E, h10km, mb4.2/6, Error ellipse: s-maj=15.2km s-min=8.4km az=86.0

IDC 23 14:33:43.0.0.9, 5757N, 12894E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.7/23, mbtmp3.6/9, ML3.2/2, MS3.1/3, Ms1 3.1/3, ms1mx2.7/24, Error ellipse: s-maj=28.6km s-min=22.3km az=88.0

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CLNS, CLNS, CLNS, etc.

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include YAK, YAK, YAK, etc.

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include HIA, HIA, HIA, etc.

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include KRSR, KRSR, KRSR, etc.

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CMAR, CMAR, CMAR, etc.

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

ISC 23 14:33:43.7.0.4, 5753N, 005.12837E.009, h10km, n42, s150/46, mb3.8/10, 1D, Southeastern Siberia

Error ellipse: s-maj=22.5km s-min=18.8km az=142.4 NEIC 23 14:46:15.4.0.8, 501S.15379E, h35km, Error ellipse: s-maj=21.1km s-min=19.2km az=122.0

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include DZM, WRAB, WB2, etc.

ISC 23 14:46:16.3.0.9, 50S.01.1536E.01, h35km, n12, s0973/10, mb3.5/6, New Ireland region

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include WRA, ASAR, FITZ, etc.

ISC 23 15:08:51.5.2.0, 3817N.14483E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.4/21, mbtmp3.5/4, ML3.6/2, MS2.7/1, Ms1 2.7/1, ms1mx2.1/32, Error ellipse: s-maj=42.0km s-min=33.0km az=73.0

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include OFUJ, OFUJ, MIYJ, etc.

JMA 23 15:08:54.3.0.2, 3814N.14475E, h57km, M3.8

ISC 23 15:08:55.4.2.3, 3830N, 005.14483E.008, h33km, 20km, n13, s074/22, mb3.6/2, Off east coast of Honshu

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include ATH, ATH, ATH, etc.

ISC 23 15:11:40.5.0.4, 3934N.2017E, h2km, ML3.1, Error ellipse: s-maj=9.1km s-min=5.8km az=80.0

ISC 23 15:11:41.5.0.7, 3930N.003.2026E.006, h10km, Error ellipse: s-maj=6.3km s-min=3.9km az=172.1

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include IGT, IGT, KEK, etc.

NEIC 23 15:13:50.6.5518N.15674W, h21km, ML3.7(PMR), ML3.6(AEIC), After AEIC, South of Alaska

Table with 5 columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CHGN, CHGN, CHGN, etc.

ISCJB 23 16:05:04.5.0.8, 3434N.008.252E.01, h69km, 30km, Error ellipse: s-maj=16.2km s-min=12.5km az=162.0

ATH 23 16:05:08.3458N.2520E, h91km, 6km, HLW 23 16:05:16.1, 3360N.2546E, h23km, Mb3.2

Table with columns: WRA, ASAR, NDI 23 16:41:23.0, 2.0, 341N1.7672E, h10km, ML3.8, Eastern Kashmir

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

ICD 23 16:49:31.3, 5.4, 1748S, 64.15W, h13km, 24km, mb3.7/3, mb1.3/9.5, mb1mx3.6/20, mbtmp3.6/5, ML3.5/2, MS3.0/1, Ms1.3/0.1, ms1mx2.2/25, Error ellipse: s-maj=82.7km s-min=13.4km az=178.0

ISCJB 23 16:49:33.4, 4.4, 176S, 61.4W, 0.1, h44km, 23km, mb3.8/3, Error ellipse: s-maj=111.7km s-min=14.0km az=4.6

NEIC 23 16:49:34.4, 3.2, 1760S, 64.12W, h39km, 16km, Error ellipse: s-maj=81.2km s-min=12.8km az=179.0

ISC 23 16:49:35.1, 4.3, 176S, 67.01W, 0.1, h43km, 23km, n11, o566/13, mb3.8/3, Central Bolivia

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

ICD 23 16:56:20.9, 4.5, 2117N, 95.71E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.9/20, mbtmp3.4/3, Error ellipse: s-maj=372.7km s-min=29.2km az=60.0

ISCJB 23 16:56:21.7, 1.4, 226N, 02.941E, 0.4, h150km, mb3.3/2, Error ellipse: s-maj=65.5km s-min=15.7km az=150.3

ISC 23 16:56:23.6, 1.4, 228N, 03.942E, 0.5, h150km, n5, o0976/4, mb3.3/2, Myanmar

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

ISCJB 23 17:04:26.6, 0.9, 1841S, 006.689W, 0.1, h144km, 8km, mb3.8/4, Error ellipse: s-maj=17.1km s-min=7.9km az=19.5

NEIC 23 17:04:26.6, 1.0, 1827S, 69.29W, h139km, 11km, mb3.9/1, Error ellipse: s-maj=17.5km s-min=13.9km az=85.0

ICD 23 17:04:26.7, 1.4, 1821S, 69.20W, h142km, 11km, mb3.5/5, mb1.3/6.9, mb1mx3.5/21, mbtmp3.6/9, Error ellipse: s-maj=22.5km s-min=16.0km az=108.0

ISC 23 17:04:26.0, 0.8, 1834S, 005.692W, 0.1, h136km, 8km, n17, o1537/20, mb3.8/4, Northern Chile

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

MAN 23 17:23:49, 605N, 12634E, h145km, mb4.3, ML3.2, MS3.0, 1C, Mindanao

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

Table with columns: BUKP, BUTP, BUTP, PAGZ, IPIL, MSLP

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Table with columns: KNT, KNT, LIT, LIT, VAY, VAY, VAY, VAY, KZAN, KZAN, OUR, OUR, PAIG, PAIG, PAIG, PAIG, NVR, NVR, NVR, NVR, FNA, FNA, STIP, STIP, THL, THL, KRUS, KRUS

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

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SKO 23 17:34:00.2, 4034N, 2275E, h33km

ATH 23 17:34:04.8, 4057N, 2280E, h32km, 5km, MD3.2/4

ISCJB 23 17:34:05.2, 0.4, 4061N, 003.2283E, 0.03, h19km, 5km, Error ellipse: s-maj=4.9km s-min=4.0km az=37.5

CSEM 23 17:34:05.3, 0.1, 4061N, 2281E, h15km, ML2.9, Error ellipse: s-maj=2.6km s-min=2.0km az=25.0

THE 23 17:34:05.5, 4061N, 2281E, h28km, ML2.9

ISC 23 17:34:05.1, 0.4, 4061N, 003.2281E, 0.03, h16km, 4km, n19, o574/32, Greece

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

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ICD 23 17:48:45.8, 2.4, 642S, 154.49E, h42km, 22km, mb4.0/12, mb1.4/2/13, mb1mx4.1/18, mbtmp4.1/13, ML4.7/1, MS3.7/3, Ms1.3/7.3, ms1mx3.1/17, Error ellipse: s-maj=20.2km s-min=15.2km az=59.0

ISCJB 23 17:48:46.2, 2.4, 639S, 010.15457E, 0.08, h64km, 23km, mb4.3/17, Error ellipse: s-maj=16.0km s-min=13.5km az=179.4

NEIC 23 17:48:47.5, 1.8, 646S, 154.58E, h61km, 18km, mb4.5/7, Error ellipse: s-maj=13.0km s-min=12.2km az=156.0

BUI 23 17:48:47.5, 650S, 154.60E, h61km, mb4.4

ISC 23 17:48:48.7, 2.0, 642S, 010.15455E, 0.08, h71km, 20km, n25, o104/24, mb4.2/17, Bougainville - Solomon Islands region

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

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

LAPE	Santo Domingo	15.09	96	Pn	Sx	20 48 49.9
SDV	comp=2.0,3nm,0.3s,baz=327,slow=16,SNR=2.3					20 51 54.4 -1.6
ATAH	Alatalpa	19.11	157	LR		20 50 97.0
ATJ	comp=2.78nm,20.0s,baz=336,slow=16,SNR=34					
SAJ	San Juan	20.12	67	P		20 53 02.3 +3.6
comp=2.5,3nm,0.3s,baz=283,slow=22,SNR=3.0						
SJG	comp=2.84nm,20.7s,MS3.1,baz=357,slow=33					20 59 17.9
PCRV	Puerto La Cruz	20.86	90	P		20 53 01.0 -2.4
comp=2.19nm,0.9s,baz=304,slow=11,SNR=2.9						
COW	Cow Castle Cre	23.04	11	eP		20 53 29.7 +3.2
JSC	Jenkinsville	23.82	9	eP		20 53 36.0 +2.3
UALR	University of	24.66	347	eP		20 53 40.9 +0.6
comp=2.45nm,0.8s,mb4.5						
MIAR	Mount Ida	24.74	345	eP		20 53 41.8 -0.4
comp=2.39nm,0.8s,mb5.0						
MIAR	Tuckaleechee C	24.89	4	eP		20 53 48.5
TKL	comp=2.16nm,0.9s,mb4.5,baz=178,slow=11,SNR=7.3					20 53 44.1 +0.6
TKL						20 53 51.2
TXAR	Lajitas Array	24.90	321	P		20 53 43.6 -0.1
TXAR	Lajitas Array	24.90	321	P		20 53 43.6 -0.1
TXAR	Lajitas Array	24.90	321	P		20 53 43.6 -0.1
TXAR	comp=2.2,4nm,0.7s,baz=136,slow=2.5,SNR=11					20 57 20.8 +2.5
WMOK	Wichita Moun	25.66	336	eP		20 53 59.0 -0.5
comp=2.45nm,0.9s,mb5.0						
WMOK						20 54 02.4
WCI	Wyandotte Cave	27.39	359	eP		20 54 08.3 -5.7
comp=2.4,2nm,0.8s,mb4.6						20 54 06.2 +0.1
CCM	Cathedral Cave	27.64	351	eP		20 54 07.0 -1.3
comp=2.29nm,1.3s,mb4.8						
OLIL	Olney	27.96	356	eP		20 54 11.2 0.0
comp=2.20nm,0.9s,mb4.7						
OLIL						20 54 18.5
AMTX	Amarillo	28.05	331	eP		20 54 11.8 -0.2
comp=2.12nm,0.7s,mb4.6						
BLO	Bloomington	28.33	359	eP		20 54 14.2 -0.3
HDL	Hopedale	29.23	355	eP		20 54 27.7 -0.3
comp=2.40nm,0.9s,mb5.2						
BNM	Barren Site	30.09	324	eP		20 54 31.1 +1.0
LAZ	Ladron	30.56	324	eP		20 54 35.1 +0.8
ANMO	Albuquerque	30.57	325	eP		20 54 36.0 +1.6
comp=2.5,6nm,0.8s,mb4.5,baz=124,slow=5.4,SNR=13						
ANMO						20 57 33.1 +1.1
LPAZ	La Paz	32.05	147	LR		21 08 35.3
comp=2.174nm,20.3s,MS3.3,baz=315,slow=38						
SDCO	Great Sand Dun	32.62	330	eP		20 54 48.9 +0.4
comp=2.6,2nm,0.7s,mb4.1						
JFWS	Jewell Farm	32.30	354	eP		20 54 48.5 -1.0
comp=2.19nm,0.8s,mb5.0						
ECSD	EROS Sioux Fal	34.09	346	eP		20 55 04.0 -1.9
comp=2.3,4nm,0.9s,mb4.3						
SADO	Sadowna	34.41	8	P		20 55 07.5 -0.3
comp=2.208,slow=8.2						
GLA	Glamis	34.68	314	eP		20 55 11.8 +1.5
comp=2.2,2nm,1.1s,mb4.8						
COWI	Conover	35.36	356	eP		20 55 14.4 -1.6
comp=2.8,5nm,0.8s,mb4.7						
SRU	San Rafael	35.82	326	eP		20 55 19.1 -0.9
comp=2.16nm,0.9s,mb4.5						
LDFC	Landfair	36.01	317	eP		20 55 23.7 +2.0
comp=2.6,3nm,0.8s,mb4.6						
PFO	Pinyon Flat Ob	36.13	314	P		20 55 24.1 +1.3
comp=2.1,5nm,0.5s,mb4.2,baz=92,slow=2.5,SNR=6.0						
PFO						20 57 49.5 +1.8
MSU	Marysville	36.33	324	eP		20 55 25.6 +1.2
comp=2.4,2nm,0.8s,mb4.6						
RSSD	Black Hills	36.60	338	eP		20 55 28.4 +0.1
comp=2.4,2nm,0.8s,mb4.6						
DAU	Daniels Canyon	37.14	327	eP		20 55 32.4 +1.1
TPNV	Topopah Spring	37.85	319	eP		20 55 39.4 +2.0
comp=2.13nm,1.0s,mb4.6						
PDAR	Pinedale Array	38.03	331	P		20 55 38.5 -0.2
comp=2.2,5nm,0.7s,mb4.1,baz=125,slow=10.0,SNR=25						
PDAR						20 57 54.0 +0.7
AGMN	Agassiz Refuge	38.38	349	eP		20 55 39.7 -1.9
comp=2.2,5nm,0.7s,mb4.1,baz=125,slow=10.0,SNR=25						
REDW	Red Top Meadow	39.19	331	eP		20 55 47.5 -0.2
comp=2.17nm,0.9s,mb4.8						
REDW						20 56 55.0
LOHW	Long Hollow	39.17	331	eP		20 55 48.1 -0.2
comp=2.3,8nm,0.7s,mb4.6						
RR12	Red Ridge	39.32	330	eP		20 55 50.0 +0.5
comp=2.13nm,1.1s,mb4.6						
MOOW	Moose Ponds	39.34	331	eP		20 55 50.5 +0.7
comp=2.4,0nm,0.8s,mb4.6						
ELK	Elko	39.58	324	P		20 55 52.9 +1.1
comp=2.6,6nm,0.7s,mb4.5,baz=129,slow=5.5,SNR=3.6						
ELK						20 57 59.3 +1.2
RLMT	Red Locust Sta	40.17	334	eP		20 55 53.2 +0.3
comp=2.7,3nm,0.9s,mb4.3						
NVAR	Mina Array Bea	40.03	319	P		20 55 56.5 +0.9
comp=2.11nm,0.7s,mb4.7,baz=139,slow=7.4,SNR=36						
NVAR						20 58 01.5 +1.9
ULM	Lac du Bonnet	40.27	350	P		20 55 55.3 -2.0
comp=2.7,5nm,0.9s,mb4.4,baz=166,slow=8.4,SNR=9.3						
ULM						20 58 00.5 +0.4
GCMT	Greycliff	40.44	334	eP		20 55 58.6 -0.2
GCMT						20 56 05.4
DGMT	Dagmar	40.65	341	eP		20 55 59.9 -0.9
comp=2.2,1nm,0.8s,mb4.8						
DGMT						20 56 06.3
CMB	Columbia Colle	41.18	317	eP		20 56 06.5 +1.5
comp=2.11nm,1.2s,mb4.4						
CMB						20 56 13.2
BOZ	Bozeman W	41.19	332	eP		20 56 04.5 -0.6
comp=2.5,8nm,0.9s,mb4.2						
BOZ						20 56 12.1
CHMT	Chamberlain Mo	42.89	332	eP		20 56 19.1 +0.2
BMO	Blue Mountains	43.43	327	eP		20 56 21.6 -1.6
comp=2.4,6nm,0.8s,mb4.3						
WALA	Waterloo Lakes	45.79	334	eP		20 56 34.1 0.0
comp=2.4,0nm,0.9s,mb4.2						
HAWA	Hanford	45.62	328	eP		20 56 39.8 -0.9
comp=2.9,9nm,0.8s,mb4.8						
BDFB	Brasil	46.10	124	P		20 56 41.8 +0.1
comp=2.0,9nm,0.5s,mb4.0,baz=282,slow=19,SNR=4.0						
CPUV	Villa Florida	46.10	144	LR		21 18 09.6
comp=2.115nm,19.1s,MS3.8,baz=309,slow=39						
HOOD	Mount Hood Mea	46.11	325	eP		20 56 45.6 +1.0
comp=2.31nm,0.8s,mb4.3						
SCHO	Schefferville	46.49	15	P		20 56 46.3 -1.1
comp=2.3,1nm,0.6s,mb4.4,baz=198,slow=5.7,SNR=7.0						
SCHO						21 16 59.1
PLCHA	Paso Flores	51.2	165	P		20 57 40.0 +2.1
comp=2.5,1nm,1.0s,mb4.4,baz=337,slow=12,SNR=5.2						
BBB	Bella Bella	53.60	329	P		20 57 40.8 -0.5
comp=2.7,5nm,0.8s,mb4.7,baz=180,slow=4.6,SNR=3.1						
YKA	Yellowknife Ar	55.68	344	P		20 57 54.8 -1.4
YKA	Yellowknife Ar	55.68	344	P		20 57 54.8 -1.4
YKA	Yellowknife Ar	55.68	344	P		20 57 54.8 -1.4
DLBC	Dease Lake	58.13	334	P		20 58 14.5 +0.9
comp=2.76nm,19.6s,MS3.8,baz=150,slow=41						
RKT	Rikitea	58.68	235	eT		22 00 57.6
comp=2.3,3nm,0.3s						
SFJD	Kangerlussuaq	60.95	15	LR		21 25 19.3
comp=2.211nm,18.7s,MS4.3,baz=150,slow=36						
INK	Inuvik	65.31	342	LR		21 32 53.5
comp=2.84nm,19.1s,MS3.8,baz=108,slow=41						
PPT	Papeete	68.94	246	eLR		21 19 57.1
comp=2.125nm,26.2s						
PPT	Papeete	68.94	246	LR		21 20 11.3
comp=2.77nm,21.2s,MS3.9,baz=38,slow=28						
ESDC	Sonsea Array	77.01	52	P		21 00 12.7 -0.3
comp=2.2,2nm,0.9s,mb4.1,baz=276,slow=5.7,SNR=6.3						
NOA	NORSAR Array B	84.10	29	LR		21 35 58.2
comp=2.34nm,18.4s,MS3.8,baz=275,slow=34						
TORD	Tordi Ar	85.24	78	P		21 00 55.5 -1.7
comp=2.0,5nm,0.9s,mb4.6,baz=252,slow=4.5,SNR=4.8						
TORD						21 06 23.7
comp=2.64nm,19.2s,MS4.0,baz=295,slow=34						
AKASG	Malin Array Be	97.01	35	LR		21 46 17.3
comp=2.52nm,18.2s,MS4.0,baz=35,slow=36						

SONM	Songino Array	120.69	350	PKP	PKPdf	21 07 12.0 +0.3
comp=2.0,9nm,0.7s,baz=356,slow=1.8,SNR=7.6						
MKAR	Makanchi Array	121.77	10	PKP	PKPdf	21 07 12.9 -0.8
comp=2.0,6nm,0.7s,baz=25,slow=2.4,SNR=8.6						
KSRS	Korea Array	122.56	328	PKP	PKPdf	21 07 16.1 +0.5
comp=2.2,5nm,0.6s,baz=4.5,slow=1.5,SNR=20						
STKA	Stephens Creek	131.51	237	PKP	PKPdf	21 07 32.6 -0.2
comp=2.3,1nm,1.1s,baz=322,slow=12,SNR=4.0						
ASAR	Alice Springs	140.06	246	PKP	PKPdf	21 07 48.7 -0.2
comp=2.1,3nm,1.0s,baz=108,slow=2.6,SNR=7.1						
WRA	Warramunga Arr	140.27	252	PKRKP		21 07 42.0
comp=2.0,3nm,0.6s,baz=111,slow=3.1,SNR=18						
WRA						21 07 48.1 -1.2
FITZ	Fitzroy Cross	148.68	253	PKPbc	PKPbc	21 08 06.9 -0.8
comp=2.2,4nm,0.9s,baz=80,slow=6.1,SNR=5.2						
CMAR	Chiang Mai Arr	150.62	351	PKP	PKPdf	21 08 08.1 +1.0
comp=2.1,7nm,0.9s,baz=315,slow=2.2,SNR=14						
CMAR						21 08 13.2 +0.6
comp=2.5,6nm,0.9s,baz=326,slow=3.0,SNR=29						
CMAR						21 08 19.1 -0.1
comp=2.4,4nm,0.9s,baz=344,slow=2.6,SNR=10						

ISCJB 23 21:27:24.0, 3971S, 004W, 17766E, 009, h49km, 10km, mb3.2/2, Error ellipse: s-maj=12.4km s-min=5.2km az=18.6

WEL 23 21:17:26.4, 0.4, 3963S, 17759E, h45km, 6km, ML3.8/14, Error ellipse: s-maj=3.1km s-min=2.1km az=90.0

NEIC 23 21:17:26.4, 3963S, 17760E, h46km, ML4.0(WEL), After WEL

ISC 23 21:17:27.8, 3.6, 3724S, 17728E, h0km, mb3.4/2, mb1.3, 7/2, mb1mx3.5/15, mbtm3.4/2, Error ellipse: s-maj=76.5km s-min=20.7km az=75.0

ISC 23 21:17:25.3, 1.3, 3926S, 004W, 17764E, 009, h32km, 13km, mb7, -087/89, mb3/2, off east coast of North Island

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
KAHZ	Kahuranaki	1.60	259	Op	Pn	21 17 38.1 +0.5
KAHZ						21 17 46.8 +0.6
KNZ	Kokohu	0.66	3	SN	Pn	21 17 38.7 +0.3
KNZ						21 17 47.7 +0.3
PKX	Panuwai	0.69	329	Pn	Pn	21 17 40.0 +1.2
WPZH	Waiukurua	1.00	247	Pn	Pn	21 17 43.7 +0.7
BKZ	Black Stump Fm	1.02	300	Pn	Pn	21 17 41.5 -1.9
BKZ						21 17 41.5 -1.9
TSZ	Takapari Road	1.34	253	Pn	Pn	21 17 47.7 -0.1
MWZ	Matawai	1.34	356	Pn	Pn	21 17 47.5 -0.3
MWZ						21 17 47.5 -0.3
HATZ	Hinaiaia	1.43	303	Pn	Pn	21 17 48.4 -0.6
HATZ						21 17 48.4 -0.6
URZ	Urewera	1.44	244	Pn	Pn	21 17 49.2 -0.4
URZ	34nm, 0.3s, baz=207, slow=7.9, SNR=143					
URZ						21

Plg14.0000°. Azm226.0000°;
 NEIC Felt [IV] at Antigua Guatemala and [III] at Guatemala City, Felt at Chicacao, Ciudad Vieja, Mixco, Palín, Retalhuleu, San Lucas Sacatepequez, San Lucas Tolimán and Villa Nueva. Felt [III] at San Salvador, El Salvador. Also felt at Tapachula, Mexico.
 MOS 22:22:30.09.4.1.1, 1455N,9091W, h128km, mb5.2/73, MS4.4/10 Error ellipse: s-maj=6.1km s-min=3.9km az=90.7

Code	Station Name	Δ ^a	AZ ^b	Phase	ID	ISC	Time	Res
							h m s	ISC
FUG	Fuego 3	0.06	105	iP	Pn		22 30 22.6	-2.3
FCG	Pacaya	0.10	131	iP	Pn		22 30 23.2	-1.8
PCG	Jaco	0.30	104	eP	Pn		22 30 24.5	-1.0
NBG	Las Nubes	0.56	77	iP	Pn		22 30 28.4	+1.4
JAT	Jatocán	0.72	258	iP	Pn		22 30 25.1	-6.8
RBDL	Robledal	1.23	106	eP	x		22 30 33.9	
RTR	El Retiro	1.35	115	eP	x		22 30 35.2	
SONS		1.36	122	eP	x		22 30 34.8	
SONS				i			22 30 58.5	
THIG		1.39	289	iP	Pn		22 30 28.7	-6.3
THIG				eS	Sn		22 30 46.4	-8.2
SBL5	San Blas	1.39	116	eP	x		22 30 35.4	
SBL5				eS	Sn		22 30 35.5	
SNUJ	San Jose	1.39	115	eP	x		22 30 35.2	
SNUJ				eS	Sn		22 30 35.9	
MTOZ	Montecristo 2	1.50	92	eP	x		22 30 37.9	
BOQS	Boqueron	1.74	115	eP	x		22 30 39.4	
BOQS				eS	Sn		22 30 40.2	
SNET	Serv Nac Est T	1.80	115	eP	x		22 30 43.8	
SNET				i			22 31 15.4	
LBRS	Las Brisas	1.95	112	eP	x		22 30 43.0	
LFRS	El Faro	1.98	115	eP	x		22 30 42.8	
LFRS				eS	Sn		22 30 43.8	
LCBS	La Ceiba	2.04	113	eP	x		22 30 44.4	
CCIG	Comitan	2.16	327	iP	Pn		22 30 42.4	-2.1
CCIG				eS	Sn		22 30 08.8	-2.7
CCIG	Comitan	2.16	327	iP	Pn		22 30 42.8	-1.7
CCIG				eS	Sn		22 30 15.6	-2.7
SNVIC	San Vicente	2.18	113	eP	x		22 30 46.5	
CAHU	Cacahuatiqué	2.70	104	eP	x		22 30 53.4	
VSM	San Miguel	2.75	112	eP	x		22 30 53.9	
BLLM	Bellamira	2.78	111	eP	x		22 30 54.6	
SCX	San Cristobal	2.81	324	iP	Pn		22 31 00.7	-2.1
SCX				eS	Sn		22 31 00.2	-4.8
TGIG		3.21	111	eP	x		22 31 00.2	-4.3
CNCH	Conchagua	3.21	111	eP	x		22 31 04.8	+2.2
TGUH	Tegucigalpa,Un	3.55	96	eP	Pn		22 31 26.2	-1.8
TGUH				eS	Sn		22 31 04.8	+2.2
TGUH				eS	Sn		22 31 16.7	+3.0
TELN	Telica	4.37	115	eP	Pn		22 31 14.9	+1.2
TEL3	Telica 3	4.38	115	eP	Pn		22 31 14.2	-1.0
SCIG	Sabancuy	4.49	357	eP	Sn		22 32 07.2	+0.8
SCIG				iS	Sn		22 31 18.6	+2.7
CNGN	Cerro Negro	4.54	115	eP	Sn		22 31 11.6	-5.6
CMIG	Matias Romero	4.63	305	eP	Pn		22 31 12.3	
CMIG				iS	Sn		22 32 02.8	-7.3
CMIG				eS	Sn		22 31 12.3	-4.9
CMIG	Matias Romero	4.63	305	eP	Pn		22 31 12.3	-4.9
CMIG				iS	Sn		22 32 02.8	-7.3
CMIG				eS	Sn		22 31 21.9	+3.7
CMIG	Matias Romero	4.63	305	eP	Pn		22 32 14.8	+4.8
CMIG				iS	Sn		22 31 11.6	-5.6
CMIG				eS	Sn		22 32 02.8	-7.3
MOMM	Momotombo	4.71	115	eP	Pn		22 31 21.9	+3.7
COPN	Copaltepeque	4.77	118	eP	Pn		22 31 21.2	+2.1
TUNJ	Tuzandepetl	4.90	317	iP	Pn		22 31 16.7	-4.1
TUNJ				iS	Sn		22 31 12.6	-3.8
CSAN		4.92	117	eP	Pn		22 31 23.8	+2.7
APYN	Apoyeque	4.96	116	eP	Pn		22 31 24.7	+3.1
XAVN	Gruta Xavier	5.02	117	eP	Pn		22 31 24.2	+1.8
HUEN		5.07	114	eP	Pn		22 31 25.2	+2.2
TISN	Laguna Tiscapa	5.07	117	eP	Pn		22 31 24.7	+1.6
MGAN	Managua	5.09	116	eP	Pn		22 31 25.8	+2.5
TRUN	Ei Cruceiro	5.12	118	eP	Pn		22 31 28.0	+4.3
CRIC	Ticustepe	5.15	117	eP	Pn		22 31 24.9	+0.7
HUIG	Huatulco	5.19	285	iP	Pn		22 31 19.5	-9.3
HUIG				eS	Sn		22 32 12.0	-1.1
APON	Apoyo	5.35	118	eP	Pn		22 31 29.4	+2.6
CONN	Concepcion	5.90	119	eP	Pn		22 31 36.7	+2.4
MADN	Villa Maderas	6.05	119	eP	Pn		22 31 38.6	+2.2
OXX	Oaxaca	6.17	296	eP	Pn		22 31 39.1	
VHO	Vista Hermosa	6.18	296	eP	Pn		22 31 32.6	-5.0
VHO				iS	Sn		22 32 38.0	-9.4
TEIG	Tepich	6.25	23	eP	Pn		22 31 40.3	+1.2
TEIG				iS	Sn		22 32 47.5	-1.7
TEIG				eS	Sn		22 31 41.4	+2.3
TEIG				iS	Sn		22 32 52.3	+3.1
VCR	Vista de Mar	6.72	129	eP	Pn		22 31 47.9	+2.4
PNIG	Pinotepe	7.22	286	eP	Pn		22 31 44.7	+7.5
PNIG				iS	Sn		22 32 59.1	-1.4
JCR	Jicaral	7.29	128	eP	Pn		22 31 56.1	+3.0
TPIG	Tehuacan	7.34	303	eP	Pn		22 31 48.9	-4.9
TPIG				iS	Sn		22 33 07.3	-8.1
UAZ	Cerro Gallo 2	7.69	124	eP	Pn		22 32 02.4	-4.0
PR51	Puriscal	7.83	124	eP	Pn		22 32 04.8	+4.3
QCR	Quepos	8.28	126	eP	Pn		22 32 09.5	+2.9
BUS	Buena Vista	8.53	124	eP	Pn		22 32 13.7	+3.8
PPM	Popocatepetl	8.70	303	eP	Pn		22 32 10.5	-1.7
BAR1	Barro Colorado	9.06	124	eP	Pn		22 32 20.8	+3.6
BRU2	Universidad Na	9.28	103	eP	Pn		22 32 19.5	-0.6
BRU2				eS	Sn		22 32 31.1	+3.6
BCIP	Isla Barco Col	12.04	115	eP	Pn		22 32 58.4	+1.2
BCIP				eS	Sn		22 35 01.1	-8.8
SCJM	Santa Fe	13.03	299	eP	Pn		22 33 07.5	-2.5
PCJ	Portland Cotta	13.61	74	eP	Pn		22 33 22.1	+4.6
BBJ	Bamboo Saint A	13.65	72	iP	Pn		22 33 22.1	+4.7
STH	Stony Hill	14.00	73	iP	Pn		22 33 26.6	+3.9
YHJ	Yallahs	14.26	74	eP	Pn		22 33 27.8	+1.9
HKT	Hockley	16.07	344	eP	Pn		22 33 47.9	-0.7
HKT				eS	Sn		22 36 54.7	+7.9
HKT				eS	Sn		22 33 47.9	-0.6
HKT				eS	Sn		22 33 52.4	+2.5
DWPF	Disney	16.18	311	eP	Pn		22 33 44.5	+2.7
DWPF				eS	Sn		22 36 55.2	+5.6
BRAL	Brewton	16.84	11	eP	Pn		22 34 06.6	+2.5
BRAL				eS	Sn		22 37 08.1	+2.6
VBMS	Vicksburg	17.68	1	eP	Pn		22 34 07.0	-1.1
VBMS				eS	Sn		22 37 24.8	-0.6
VBMS				eP	Pn		22 38 39.8	-0.5
JCT	Junction City	17.92	334	iP	Pn		22 34 09.8	-1.2
JCT				eS	Sn		22 37 23.9	-7.4
JCT				eP	Pn		22 38 41.6	+0.9
JCT				eS	Sn		22 42 05.0	+0.2
JCT	Junction City	17.92	334	iP	Pn		22 34 09.8	-1.3
JCT				eP	Pn		22 37 23.9	
ROSC	El Rosal	18.91	119	eP	Pn		22 34 25.2	+4.1
ROSC				eS	Sn		22 38 02.5	+1.2
ROSC				eS	Sn		22 38 44.7	+2.0
ROSC				eS	Sn		22 34 06.6	+2.5
ROSC				eS	Sn		22 37 08.1	+2.6
ROSC				eS	Sn		22 34 07.0	-1.1
ROSC				eS	Sn		22 37 24.8	-0.6
ROSC				eP	Pn		22 38 39.8	-0.5
ROSC				eP	Pn		22 34 09.8	-1.2
ROSC				eS	Sn		22 37 23.9	-7.4
ROSC				eP	Pn		22 38 41.6	+0.9
ROSC				eS	Sn		22 42 05.0	+0.2
ROSC				eP	Pn		22 34 09.8	-1.3
ROSC				eP	Pn		22 37 23.9	
ROSC				eS	Sn		22 34 25.2	+4.1
ROSC				eS	Sn		22 38 02.5	+1.2
ROSC				eS	Sn		22 38 44.7	+2.0
ROSC				eS	Sn		22 34 06.6	+2.5
ROSC				eS	Sn		22 37 08.1	+2.6
ROSC				eS	Sn		22 34 07.0	-1.1
ROSC				eS	Sn		22 37 24.8	-0.6
ROSC				eP	Pn		22 38 39.8	-0.5
ROSC				eP	Pn		22 34 09.8	-1.2
ROSC				eS	Sn		22 37 23.9	-7.4
ROSC				eP	Pn		22 38 41.6	+0.9
ROSC				eS	Sn		22 42 05.0	+0.2
ROSC				eP	Pn		22 34 09.8	-1.3
ROSC				eP	Pn		22 37 23.9	
ROSC				eS	Sn		22 34 25.2	+4.1
ROSC				eS	Sn		22 38 02.5	+1.2
ROSC				eS	Sn		22 38 44.7	+2.0
ROSC				eS	Sn		22 34 06.6	+2.5
ROSC				eS	Sn		22 37 08.1	+2.6
ROSC				eS	Sn		22 34 07.0	-1.1
ROSC				eS	Sn		22 37 24.8	-0.6
ROSC				eP	Pn		22 38 39.8	-0.5
ROSC				eP	Pn		22 34 09.8	-1.2
ROSC				eS	Sn		22 37 23.9	-7.4
ROSC				eP	Pn		22 38 41.6	+0.9
ROSC				eS	Sn		22 42 05.0	+0.2
ROSC				eP	Pn		22 34 09.8	-1.3
ROSC				eP	Pn		22 37 23.9	
ROSC				eS	Sn		22 34 25.2	+4.1
ROSC				eS	Sn		22 38 02.5	+1.2
ROSC				eS	Sn		22 38 44.7	+2.0
ROSC				eS	Sn		22 34 06.6	+2.5
ROSC				eS	Sn		22 37 08.1	+2.6
ROSC				eS	Sn		22 34 07.0	-1.1
ROSC				eS	Sn		22 37 24.8	-0.6
ROSC				eP	Pn		22 38 39.8	-0.5
ROSC				eP	Pn		22 34 09.8	-1.2
ROSC				eS	Sn		22 37 23.9	-7.4
ROSC				eP	Pn		22 38 41.6	+0.9
ROSC				eS	Sn		22 42 05.0	+0.2
ROSC				eP	Pn		22 34 09.8	-1.3
ROSC				eP	Pn		22 37 23.9	
ROSC				eS	Sn		22 34 25.2	+4.1
ROSC				eS	Sn		22 38 02.5	+1.2
ROSC				eS	Sn		22 38 44.7	+2.0
ROSC				eS	Sn		22 34 06.6	+2.5
ROSC				eS				

ROSF	Rostrenen	77.78	43	eP	P	22 41 51.3	-2.5
ROSF	comp=Z,57nm,1.4s,mb5.1						
KWE	Weaver Farm	78.03	38	eP	P	22 41 53.6	-1.4
KBH	Birley Grange	78.19	38	eP	P	22 41 54.7	-1.2
SGMF	Saint Gilles	78.27	43	eP	P	22 41 54.6	-1.9
SGMF	comp=Z,76nm,1.2s,mb5.0						
SGMF	Saint Gilles	78.27	43	eP	P	22 41 54.6	-1.9
SGMF	comp=Z,38nm,1.2s,mb5.0						
SGMF	Saint Gilles	78.27	43	eP	P	22 41 54.6	-1.9
GUD	Guadarrama	78.50	51	P	P	22 41 56.4	-0.4
GUD	comp=Z,24nm,0.8s,mb5.0						
GUD	Guadarrama	78.50	51	P	P	22 41 56.4	-0.4
KBS	Kingsbay	78.35	11	eP	P	22 41 55.4	-1.0
KBS	comp=Z,24nm,0.8s,mb5.0						
KBS	Kingsbay	78.35	11	eP	P	22 41 55.4	-1.0
KBS	comp=Z,47nm,1.1s,mb5.1						
CWF	Charnwood Fore	78.39	38	eP	P	22 41 56.4	-0.7
CWF	comp=Z,37nm,1.0s,mb5.0						
ESDC	Sonsecia Array	78.60	52	P	P	22 41 57.4	-1.0
ESDC	comp=Z,8.4nm,0.6s,mb4.8						
ESDC	Sonsecia Array	78.60	52	P	P	22 41 57.4	-1.1
ESDC	comp=Z,15nm,0.8s,mb4.9,baz=288,slow=5.0,SNR=44						
ESDC	comp=Z,4.0nm,0.8s,baz=289,slow=5.7,SNR=3.5						
ESDC	comp=Z,194nm,18.7s,baz=190,slow=32						
ESLA	Sonsecia Array	78.60	52	P	P	22 41 57.4	-1.0
ESLA	comp=Z,4.0nm,0.9s,mb5.1						
ESLA	Amchitka	78.72	320	eP	P	22 42 25.1	-2.5
AMKA	Sierra Loja	78.75	54	P	P	22 42 00.6	+0.6
ELOJ	Sierra Loja	78.75	54	P	P	22 42 00.6	+0.6
ELOJ	comp=Z,7.5nm,0.8s,mb4.6						
ELOJ	Sierra Loja	78.75	54	P	P	22 42 00.6	+0.6
ELOJ	comp=Z,8.0nm,0.8s,mb4.6						
EBAN	Banos Encina	78.98	53	P	P	22 42 00.4	-0.2
EBAN	comp=Z,11nm,0.9s,mb4.7						
EBAN	Banos Encina	78.98	53	P	P	22 42 00.4	-0.2
EBAN	comp=Z,11nm,0.9s,mb4.7						
ECOG	Cogollos-Vega	79.31	54	P	P	22 42 02.5	+0.2
ECOG	comp=Z,28nm,1.0s,mb5.0						
ECOG	Cogollos-Vega	79.31	54	P	P	22 42 02.5	+0.1
ECOG	comp=Z,28nm,1.0s,mb5.0						
GRR	Gorron	79.37	43	eP	P	22 42 01.0	-1.5
GRR	comp=Z,104nm,0.9s,mb5.4						
GRR	Gorron	79.37	43	eP	P	22 42 01.0	-1.5
GRR	comp=Z,32nm,0.9s,mb5.0						
GRR	Gorron	79.37	43	eP	P	22 42 01.0	-1.5
GRR	comp=Z,52nm,0.9s,mb5.4						
SPB4	Spitsbergen Ar	79.42	12	eP	P	22 42 01.9	-0.3
SPB4	comp=Z,11nm,0.9s,mb4.7						
SPB4	Spitsbergen Ar	79.42	12	eP	P	22 42 01.9	-0.3
SPB4	comp=Z,11nm,0.9s,mb4.7						
FLN	La Foliniere	79.55	42	eP	P	22 42 02.1	-1.3
FLN	comp=Z,60nm,0.9s,mb5.1						
FLN	La Foliniere	79.55	42	eP	P	22 42 02.1	-1.3
FLN	comp=Z,219nm,25.0s						
FLN	La Foliniere	79.55	42	eP	P	22 42 02.1	-1.3
FLN	comp=Z,220nm,25.0s						
FLN	La Foliniere	79.55	42	eP	P	22 42 02.1	-1.3
FLN	comp=Z,30nm,0.9s,mb5.1						
EQES	Quesada	79.60	54	P	P	22 42 03.8	-0.1
EQES	comp=Z,12nm,0.9s,mb4.7						
LDF	La Druitiere	79.81	42	eP	P	22 42 03.6	-1.3
LDF	comp=Z,24nm,1.0s,mb5.0						
LDF	La Druitiere	79.81	42	eP	P	22 42 03.6	-1.3
LDF	comp=Z,42nm,1.0s,mb5.2						
LDF	La Druitiere	79.81	42	eP	P	22 42 03.6	-1.3
EBER	Berja	79.91	54	P	P	22 42 05.3	-0.3
EBER	comp=Z,24nm,0.6s,mb5.2						
EJUE	Huescar	79.97	54	eP	P	22 42 06.0	+0.1
SJPF	Ste Jean	80.04	48	eP	P	22 42 04.3	-1.9
SJPF	comp=Z,65nm,1.2s,mb5.0						
SJPF	Ste Jean	80.04	48	eP	P	22 42 04.3	-1.9
SJPF	comp=Z,33nm,1.2s,mb5.0						
SJPF	Ste Jean	80.04	48	eP	P	22 42 04.3	-1.9
MFF	Saint Martin d	80.16	44	eP	P	22 42 04.8	-2.0
MFF	comp=Z,33nm,1.2s,mb5.0						
MFF	Saint Martin d	80.16	44	eP	P	22 42 04.8	-2.0
MFF	comp=Z,19nm,0.8s,mb4.7						
MFF	Saint Martin d	80.16	44	eP	P	22 42 04.8	-2.0
MFF	comp=Z,9.5nm,0.8s,mb4.7						
MFF	Saint Martin d	80.16	44	eP	P	22 42 04.8	-2.0
MFF	comp=Z,10.0nm,0.8s,mb4.7						
ETSF	Etsaut	80.56	48	eP	P	22 42 08.1	-0.9
ETSF	comp=Z,20nm,0.9s,mb4.7						
ETSF	Etsaut	80.56	48	eP	P	22 42 08.1	-0.9
ETSF	comp=Z,10nm,0.9s,mb4.7						
ETSF	Etsaut	80.56	48	eP	P	22 42 08.1	-0.9
ETSF	comp=Z,10nm,0.9s,mb4.7						
BER	Bergen	80.61	30	eP	P	22 42 07.5	-1.4
BER	comp=Z,10nm,0.9s,mb4.7						
BER	Bergen	80.61	30	eP	P	22 42 07.5	-1.4
BER	comp=Z,24nm,0.6s,mb5.2						
BER	Bergen	80.61	30	eP	P	22 42 07.5	-1.4
BER	comp=Z,7.4nm,0.8s,mb4.9						
BER	Bergen	80.61	30	eP	P	22 42 07.5	-1.4
BER	comp=Z,164nm,22.3s						
ECHE	Chera	80.89	51	P	P	22 42 11.3	+0.5
LFF	La Frestale	81.08	46	eP	P	22 42 11.2	-0.5
LFF	comp=Z,49nm,1.0s,mb5.0						
LFF	La Frestale	81.08	46	eP	P	22 42 11.2	-0.5
LFF	comp=Z,24nm,1.0s,mb5.0						
LFF	La Frestale	81.08	46	eP	P	22 42 11.2	-0.5
LFF	comp=Z,24nm,1.0s,mb5.0						
LFF	La Frestale	81.08	46	eP	P	22 42 11.2	-0.5
EBIE	Gleisa	81.11	48	P	P	22 42 12.5	+0.6
EBIE	comp=Z,24nm,1.0s,mb5.0						
EMOS	Mosqueruela	81.11	51	P	P	22 42 12.7	+0.7
EMOS	comp=Z,25nm,0.9s,mb5.0						
EPF	Esparrros	81.18	48	eP	P	22 42 11.0	-1.3
EPF	comp=Z,31nm,1.2s,mb4.9						
EPF	Esparrros	81.18	48	eP	P	22 42 11.0	-1.3
EPF	comp=Z,26nm,1.2s,mb4.9						
EPF	Esparrros	81.18	48	eP	P	22 42 11.0	-1.3
EPF	comp=Z,26nm,1.2s,mb4.9						
EPF	Esparrros	81.18	48	eP	P	22 42 11.0	-1.3
BILL	Bilbino	81.42	338	eP	P	22 42 13.2	+0.2
BILL	comp=Z,34nm,0.8s,mb5.2						
BILL	Bilbino	81.42	338	eP	P	22 42 13.2	+0.2
BILL	comp=Z,34nm,0.8s,mb5.2						
BILL	Bilbino	81.42	338	eP	P	22 42 13.2	+0.2
BILL	comp=Z,34nm,0.8s,mb5.2						
BILL	Bilbino	81.42	338	eP	P	22 42 13.2	+0.2
BILL	comp=Z,34nm,0.8s,mb5.2						
PMSA	Palmer Station	81.60	169	P	P	22 42 14.2	+0.3
PMSA	comp=Z,40nm,1.0s,mb5.2						
PMSA	Palmer Station	81.60	169	P	P	22 42 14.2	+0.3
PMSA	comp=Z,26nm,1.0s,mb5.0						
PMSA	Palmer Station	81.60	169	P	P	22 42 14.2	+0.3
PMSA	comp=Z,26nm,1.0s,mb5.0						
PMSA	Palmer Station	81.60	169	P	P	22 42 14.2	+0.3
PMSA	comp=Z,26nm,1.0s,mb5.0						
SMY	Shemya	81.62	322	eP	P	22 42 14.1	-0.3
SMY	comp=Z,57nm,0.9s,mb5.4						
SMY	Shemya	81.62	322	eP	P	22 42 14.1	-0.3
SMY	comp=Z,57nm,0.9s,mb5.4						
TCF	Toux Ste Croi	81.82	44	eP	P	22 42 13.7	-1.9
TCF	comp=Z,24nm,0.9s,mb4.7						
TCF	Toux Ste Croi	81.82	44	eP	P	22 42 13.7	-1.9
TCF	comp=Z,24nm,0.9s,mb4.7						
TCF	Toux Ste Croi	81.82	44	eP	P	22 42 13.7	-1.9
TCF	comp=Z,12nm,0.9s,mb4.7						
TCF	Toux Ste Croi	81.82	44	eP	P	22 42 13.7	-1.9
TCF	comp=Z,12nm,0.9s,mb4.7						
TCF	Toux Ste Croi	81.82	44	eP	P	22 42 13.7	-1.9
CAF	Calviac	82.01	46	eP	P	22 42 15.7	-0.9
CAF	comp=Z,12nm,0.9s,mb4.7						

CAF	Calviac	82.01	46	eP	P	22 42 15.7	-0.9
CAF	comp=Z,14nm,1.1s,mb4.7						
CAF	Calviac	82.01	46	eP	P	22 42 15.7	-0.9
CAF	comp=Z,14nm,1.1s,mb4.7						
BGF	Bois d'Agland	82.19	44	eP	P	22 42 15.8	-1.7
BGF	comp=Z,60nm,1.0s,mb5.1						
BGF	Bois d'Agland	82.19	44	eP	P	22 42 15.8	-1.7
BGF	comp=Z,30nm,1.0s,mb5.1						
BGF	Bois d'Agland	82.19	44	eP	P	22 42 15.8	-1.7
BGF	comp=Z,30nm,1.0s,mb5.1						
UCC	Uccle	82.20	40	P	P	22 42 17.3	-0.2
UCC	comp=Z,35nm,1.1s,mb4.8						
BAIF	Baives	82.29	40	eP	P	22 42 16.8	-1.2
BAIF	comp=Z,28nm,1.2s,mb5.0						
BAIF	Baives	82.29	40	eP	P	22 42 16.8	-1.2
BAIF	comp=Z,18nm,1.1s,mb4.8						
BAIF	Baives	82.29	40	eP	P	22 42 16.8	-1.2
BAIF	comp=Z,18nm,1.1s,mb4.8						
MTLF	Montioleu	82.46	47	eP	P	22 42 17.5	-1.5
MTLF	comp=Z,56nm,1.2s,mb5.0						
MTLF	Montioleu	82.46	47	eP	P	22 42 17.5	-1.5
MTLF	comp=Z,28nm,1.2s,mb5.0						
MTLF	Montioleu	82.46	47	eP	P	22 42 17.5	-1.5
MTLF	comp=Z,28nm,1.2s,mb5.0						
AVF	Avril sur Loir	82.48	44	eP	P	22 42 17.1	-1.9
AVF	comp=Z,35nm,1.0s,mb4.8						
AVF	Avril sur Loir	82.48	44	eP	P	22 42 17.1	-1.9
AVF	comp=Z,18nm,1.0s,mb4.8						
AVF	Avril sur Loir	82.48	44	eP	P	22 42 17.1	-1.9
AVF	comp=Z,18nm,1.0s,mb4.8						
PYM	Petit Puy Mans	82.48	45	eP	P	22 42 18.4	-0.6
SSF	Saint Saulege	82.52	43	eP	P	22 42 17.3	-1.9
SSF	comp=Z,34nm,0.9s,mb4.9						
SSF	Saint Saulege	82.52	43	eP	P	22 42 17.3	-1.9
SSF	comp=Z,17nm,0.9s,mb4.9						
SSF	Saint Saulege	82.52	43	eP	P	22 42 17.3	-1.9
SSF	comp=Z,17nm,0.9s,mb4.9						
DOU	Dourbes	82.53	40	P	P	22 42 18.6	-0.6
DOU	comp=Z,17nm,0.9s,mb4.9						
LOR	Lormes	82.71	43	eP	P	22 42 18.6	-1.6
LOR	comp=Z,68nm,1.0s,mb5.1,baz=281						
LOR	Lormes	82.71	43	eP	P	22 42 18.6	-1.6
LOR	comp=Z,312nm,24.0s						
LOR</							

CLL	Collm	67.30	38	i/p	P	22 42 42.5	-0.6
CLL	comp=Z,18nm,1.0s,mb5.0						
CLL				i/p	pP	22 43 12.3	-0.5
CLL				eSP	SP	22 43 24.0	-1.0
CLL				ePP	pP	22 46 13.0	+4.6
CLL				eSP	pP	22 54 11.0	
CLL				ePPS	SS	22 55 09.0	
CLL				eSS	SS	22 59 18.0	+1.8
CLL				e(SSS)		22 53 12.0	
CLL				eSSSS		22 05 42.0	
NKC	Novy Kostel	87.33	39	eP	P	22 42 43.4	+0.2
NKC				eP	pP	22 43 10.3	-2.7
ROTZ	Rotzenmühle	87.34	39	eP	P	22 42 43.0	-0.3
ROTZ	comp=Z,24nm,1.3s,mb5.0						
MOTA	Moosalm	87.43	42	i/p	P	22 42 43.4	-0.3
MOTA	comp=Z,16nm,0.9s,mb4.9,SNR=13						
MOTA	Moosalm	87.43	42	i/p	P	22 42 43.4	-0.4
MOTA	comp=Z,16nm,0.9s,mb5.0						
PGF	Pioggiola	87.47	47	eP	P	22 42 42.6	-1.5
PGF	comp=Z,69nm,1.2s,mb5.2						
PGF	Pioggiola	87.47	47	eP	P	22 42 42.6	-1.5
PGF	comp=Z,34nm,1.2s,mb5.2						
PGF	Pioggiola	87.47	47	eP	P	22 42 42.6	-1.5
PGF	comp=Z,35nm,1.2s,mb5.2						
FBE	Freiberg	87.64	38	eP	P	22 42 44.7	0.0
FBE	comp=Z,26nm,1.0s,mb5.2						
WET	Wetzell	87.96	40	eP	P	22 42 45.9	-0.3
WET	comp=Z,48nm,1.4s,mb5.3						
WET	Wetzell	87.96	40	eP	P	22 42 45.9	-0.3
WET	comp=Z,48nm,1.4s,mb5.3						
BRG	Berggiesshubel	88.01	38	eP	pP	22 43 17.0	+0.8
BRG	comp=Z,7.0nm,1.1s,mb4.6						
BRG				pP	pP	22 43 17.0	+0.8
BRG				PP	PP	22 46 19.0	+5.0
BRG				S	SS	22 53 57.0	+3.7
BRG				SS	SS	22 59 59.0	+4.9
BRG	comp=Z,220nm,32.4s			LR	LR		
BRG	Berggiesshubel	88.01	38	eP	*PP	22 42 45.8	-0.6
BRG	comp=Z,17.0nm,+0.8						
BRG	comp=Z,7.0nm,1.1s,mb4.6						
BRG				MLR	MLR		
BRG	Berggiesshubel	88.01	38	eP	P	22 42 45.7	-0.7
BRG	comp=Z,220nm,32.4s						
BRG	Berggiesshubel	88.01	38	eP	pP	22 43 17.0	+0.8
BRG	comp=Z,12nm,1.1s,mb4.8						
BRG				pP	pP	22 43 17.0	+0.8
BRG				PP	PP	22 46 19.0	+5.0
BRG				S	SS	22 53 57.0	+3.7
BRG				SS	SS	22 59 59.0	+4.9
BRG	comp=N,384nm,3s,8s						
BRG	comp=E,207nm,26.1s						
BRG	comp=Z,366nm,32.4s						
KHC	Kasperske Hory	88.39	40	d/iP	pP	22 42 48.8	+0.5
KHC	comp=Z,19nm,0.7s,baz=282,slow=2.6,SNR=31						
KHC	Kasperske Hory	88.39	40	eP	pP	22 43 20.4	+2.3
KHC				eP	pP	22 42 49.0	+0.7
KHC				eP	pP	22 43 20.1	+2.0
KHC				AMS	AMS	22 13 20.0	
KVC	comp=Z,300nm,33.4s						
PVCC	Panska Ves	88.50	38	eP	pP	22 42 48.1	+0.3
PVCC	comp=Z,62nm,2.0s,mb5.3,SNR=10						
ABTA	Alfalterbach	88.53	42	i/p	pP	22 43 21.9	+3.2
ABTA	comp=Z,62nm,2.0s,mb5.3,SNR=10						
GECC	GERESS Array S	88.57	40	eP	P	22 42 48.1	-1.0
GECC	comp=Z,14nm,1.1s,mb4.9						
GECC	GERESS Array S	88.57	40	eP	P	22 42 48.1	-1.0
GERES	comp=Z,14nm,1.1s,mb4.9						
GERES	GERESS Array S	88.57	40	eP	P	22 42 48.2	-0.9
GERES	comp=Z,3.6nm,0.6s,mb4.5,baz=282,slow=2.6,SNR=31						
GERES				LR	LR	23 20 37.5	
SEY	Seymchan	88.77	336	i/P	P	22 42 49.0	-0.8
SEY	comp=Z,188nm,21.4s,baz=281,slow=3.4						
SEY	Seymchan	88.77	336	d/iP	P	22 42 49.0	-0.8
SEY	comp=Z,188nm,21.4s,baz=281,slow=3.4						
GKP	Gorka Klasztor	89.01	35	eP	P	22 42 49.7	+0.4
GKP	comp=Z,300nm,29.0s						
GKP	Gorka Klasztor	89.01	35	eP	LR	22 42 50.7	-0.4
GKP	comp=Z,300nm,29.0s						
TORD	Torodi Ar. Bea	89.24	77	baz	P	22 42 50.1	-2.8
TORD	comp=Z,1.6nm,0.8s,mb4.1,baz=287,slow=4.4,SNR=25						
TORD				PKIP	PKIP	22 47 49.2	-1.8
TORD	comp=Z,0.7nm,0.7s,baz=321,slow=3.3,SNR=5.1						
TORD				PKIP	PKIP	22 40 27.1	-1.5
TORD	comp=Z,0.7nm,0.7s,baz=80,slow=2.2,SNR=6.5						
TORD				PKPPK	PKPPK	23 08 36.9	
TORD	comp=Z,1.5nm,1.1s,baz=142,slow=1.8,SNR=4.7						
TORD				LR	LR	23 17 40.2	
ROBS	Robic	89.35	42	eP	P	22 42 53.1	+0.2
ROBS	comp=Z,186nm,21.9s,baz=285,slow=3.2						
UPC	Upice	89.37	38	eP	P	22 42 53.3	+0.5
UPC	comp=Z,1.6nm,0.8s,mb4.1,baz=287,slow=4.4,SNR=25						
KSP	Ksiaz	89.41	37	eP	pP	22 43 21.7	-1.0
KSP	comp=Z,400nm,28.3s						
KSP	Ksiaz	89.41	37	eP	P	22 42 53.4	+0.4
KSP	comp=Z,400nm,28.3s						
TREC	Trest	89.50	39	eP	pP	22 43 28.0	+5.1
TREC	comp=Z,2.0nm,0.8s,mb4.8,baz=280,slow=3.9,SNR=19						
DPC	Dobruska-Polom	89.61	38	eP	P	22 42 53.9	-0.1
DPC	comp=Z,200nm,22.2s						
DPC				eP	pP	22 43 20.9	-2.9
DPC				AMS	AMS	23 14 10.0	
KEST	Kesra	89.77	53	eP	P	22 42 54.5	-0.5
KEST	comp=Z,6.1nm,0.8s,mb4.8,baz=280,slow=3.9,SNR=19						
TIXI	Tiksi	90.02	348	eP	P	22 42 53.6	-1.9
TIXI	comp=Z,17nm,0.6s,mb5.3						
TIXI				eP	pP	22 43 24.3	-1.0
TIXI				eP	pP	22 46 29.1	-0.4
TIXI				eP	pP	22 42 53.6	-1.9
TIXI				ePP	pP	22 43 24.3	-1.0
TIXI				eSP	pP	22 43 37.2	-0.3
TIXI				e	pP	22 46 29.1	
TIXI					pmax		
CEY	Cernicka	90.13	42	eP	P	22 42 57.2	+0.7
CEY	comp=Z,17nm,0.6s,mb5.3						
VRAC	Vranov	90.17	39	eP	P	22 42 57.5	+0.8
VRAC	comp=Z,1.0nm,0.8s,mb4.8,baz=280,slow=3.9,SNR=19						
TAM	Tamanrasset	90.26	66	eP	P	22 42 56.6	0.0
TAM	comp=Z,2.0nm,0.7s,mb4.8						
PET	Petropavlovsk	90.38	326	eP	pP	22 42 57.6	+0.1
PET	comp=Z,2.9nm,0.8s,mb5.4,baz=80,slow=1.1,SNR=50						
PET	Petropavlovsk	90.38	326	eP	P	22 42 57.6	+0.1
PET	comp=Z,2.9nm,0.8s,mb5.4,baz=80,slow=1.1,SNR=50						
PET				eP	PS	22 55 17.7	+1.4
PET					pmax		
PET	comp=Z,46nm,1.1s,mb5.5						
PET					pmax		
MORC	Moravsky Berou	90.56	38	i/P	P	22 42 58.0	-0.4
MORC	comp=Z,100nm,12.3s						
MORC	Moravsky Berou	90.56	38	i/P	P	22 42 58.0	-0.4
MORC	comp=Z,100nm,12.3s						
LEGS	Legarje	90.63	42	eP	P	22 42 59.2	+0.4
LEGS	comp=Z,2.0nm,0.7s,mb4.8						
PETK	Petropavlovsk	90.86	326	eP	pP	22 43 00.0	+0.3
PETK	comp=Z,2.9nm,0.8s,mb5.4,baz=80,slow=1.1,SNR=50						
PETK				eP	pP	22 43 25.0	-3.6
PETK				eP	pP	22 43 41.4	-0.4
PETK				eP	pP	22 42 58.8	-0.9
PETK	Petropavlovsk	90.86	326	eP	P	22 42 57.6	+0.1
PETK	comp=Z,2.9nm,0.8s,mb5.4,baz=80,slow=1.1,SNR=50						
PETK				LR	LR	23 24 28.1	
OKC	Ostrava-Krasne	90.89	38	eP	P	22 42 59.3	-0.7
OKC	comp=Z,200nm,24.9s						
OKC				AMS	AMS	23 17 50.0	
JOF	Joensuu	90.90	23	eP	P	22 43 00.3	+0.6
JOF	comp=Z,2.0nm,0.7s,mb4.8						
JOF	Joensuu	90.90	23	eP	P	22 43 00.3	+0.6
JOF	comp=Z,2.0nm,0.7s,mb4.8						
JOF					pmax		
ZST	Bratislava	90.91	40	eP	P	22 43 01.0	+0.9
ZST	comp=Z,20nm,1.4s,mb5.1						

ZST	Bratislava	90.91	40	eP	pP	22 43 29.7	-0.3
ZST	comp=Z,20nm,1.4s,mb5.0						
ZST				eP	pP	22 43 01.0	+0.9
ZST				eP	pP	22 43 29.7	-0.3
MODS	Modra-Piesok	90.95	39	eP	pP	22 43 01.3	+1.0
MODS	comp=Z,20nm,1.4s,mb5.0						
MODS	Modra-Piesok	90.95	39	eP	pP	22 43 32.4	+2.3
MODS	comp=Z,20nm,1.4s,mb5.0						
KOLL	Kolacno	91.56	39	eP	pP	22 43 32.4	+2.3
KOLL	comp=Z,2.0nm,0.7s,mb4.8						
VYHS	Vyhne	91.85	39	eP	P	22 43 03.2	+0.1
VYHS	comp=Z,8.4nm,1.5s,mb4.8						
VYHS	Vyhne	91.85	39	eP	pP	22 43 04.3	-0.1
VYHS	comp=Z,8.4nm,1.5s,mb4.8						
VYHS				eP	pP	22 43 35.6	+1.3
VYHS				eP	pP	22 43 04.3	-0.1
VYHS							

Table with columns: TRN, NEIC, ISCJB, FUNV, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guiria, Guanoco, Chacachacare, Carupano, etc.

Table with columns: DDA, NEIC, ISCJB, ATH, CSEM, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Balcova, Ayvalik, Bornova, Izmir, etc.

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

Table with columns: ESKT, SEYT, NVR, VLG, ALL, PLD, JMB, THL, MDU, VTS, VTS, ANTO, ANTO, ANTO, BARS, BOLS. Includes stations like Eskisehir, Evrypey, Neskopki, etc.

Table with columns: NEIC, CSEM, ISCJB, ATH, THE, HLW, ISC. Includes station information for NEIC 22:22:48, CSEM 22:22:48, etc.

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

Table with columns: DJA, ISCJB, NEIC, IDC, ISC. Includes station information for DJA 22:53:52, ISCJB 22:54:00, etc.

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

Table with columns: s-min, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station information for s-min=12.0km, NEIC 22:22:56, etc.

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

IDC 24 04:42:00.3:18.0, 3154S:17965W, h290km, 116km, mb3.3/2, mb1 3.6/3, mb1mx3.2/16, mbtmp3.4/3, Error ellipse: s-maj=238.1km s-min=35.4km az=41.0, Kermadec Islands region

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

ISCJB 24 04:42:10.2:1.1, 398N:01.7769E:008, h10km, mb3.6/3, Error ellipse: s-maj=15.8km s-min=7.7km az=155.0, IDC 24 04:42:10.2:1.2, 3972N:7733E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/22, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=37.2km s-min=25.2km az=146.0

BUI 24 04:42:13.8, 4023N:7743E, h16km, ML3.2 NEIC 24 04:42:15.4:3.1, 3999N:7743E, h10km, Error ellipse: s-maj=46.0km s-min=13.4km az=168.0, NNC 24 04:42:17.3:4.3, 4025N:7733E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=38.7km s-min=29.0km az=165.0

ISC 24 04:42:13.7:1.0, 3795N:009.7759E:008, h10km, n11, s140W:15, mb3.6/3, CD-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH, UCH, TKM2, etc.

ISCJB 24 04:42:13.8, 4023N:7743E, h16km, ML3.2 NEIC 24 04:42:15.4:3.1, 3999N:7743E, h10km, Error ellipse: s-maj=46.0km s-min=13.4km az=168.0, NNC 24 04:42:17.3:4.3, 4025N:7733E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=38.7km s-min=29.0km az=165.0

ISC 24 04:42:13.7:1.0, 3795N:009.7759E:008, h10km, n11, s140W:15, mb3.6/3, CD-3D, Southern Xinjiang

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

IDC 24 04:46:16.1:3.3, 662S:15516E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/15, mbtmp3.5/4, Error ellipse: s-maj=109.0km s-min=30.1km az=111.0, Bougainville - Solomon Islands region

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

CSEM 24 04:46:46.2:0.2, 4187N:3253E, h0km, 1km, MD3.2, Error ellipse: s-maj=3.0km s-min=2.0km az=16.0, ISCJB 24 04:46:48.1:0.5, 4180N:004:3253E:003, h10km, Error ellipse: s-maj=5.3km s-min=3.6km az=11.5, IDK 24 04:46:48.3, 4174N:3252E, h5km, MD3.2, DDA 24 04:46:50.0, 4168N:3255E, h5km, 1km, Md3.0, ISC 24 04:46:49.1:0.5, 4180N:004:3253E:003, h10km, n27, s112/32, 2C-4D, Turkey

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

ISCJB 24 04:56:27.8:1.2, 476N:01.7519E:02, h155km, 12km,

mb3.6/7, Error ellipse: s-maj=26.3km s-min=9.8km az=146.3, MOS 24 04:56:28.5:1.4, 4768N:151.90E, h168km, mb3.7/5, Error ellipse: s-maj=26.2km s-min=17.5km az=143.9, IDC 24 04:56:29.6:2.5, 4756N:151.84E, h155km, 23km, mb3.4/8, mb1 3.6/10, mb1mx3.4/22, mbtmp3.4/10, Error ellipse: s-maj=26.0km s-min=14.7km az=132.0, ISC 24 04:56:29.1:1.1, 476N:01.7519E:01, h150km, 11km, n21, s088/22, mb3.6/7, Kuril Islands

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

YSS Yuzh-Sakhalins 6.25 268 P Pn 04 58 02.0 +3.0 PETK Petrovskoye 6.67 32 P Pn 04 58 05.7 +1.2 ASAJ Asahikawa 7.35 245 P Pn 04 58 13.4 -0.4 ASAJ Asahikawa 7.35 245 P Pn 04 58 13.4 -0.4

KLR Kul'dur 13.48 284 ePN Pn 04 59 33.2 -1.0 KSRs Korea Array 20.28 249 P P 05 00 53.1 +0.3 KSRs Korea Array 20.28 249 P P 05 00 53.2 +0.3

CMAR Chiang Mai Arr 51.77 255 P P 05 05 21.8 +0.5 CMAR Chiang Mai Arr 51.77 255 P P 05 05 21.8 +0.5

NB2 NORSAR Subarra 67.17 340 P P 05 07 06.6 +0.4 NOA NORSAR Arr B 67.17 340 P P 05 07 06.4 +0.2 NOA NORSAR Arr B 67.17 340 P P 05 07 06.4 +0.2

WRA Warramunga Arr 69.03 198 P P 05 07 17.4 -0.8 WRA Warramunga Arr 69.03 198 P P 05 07 17.4 -0.9

ASAR Alice Springs 72.74 197 P P 05 07 40.9 +0.3 ASAR Alice Springs 72.74 197 P P 05 07 40.9 +0.4

SCHO Schefferville 77.87 62 P P 05 07 41.1 +0.1 TXAR Lajitas Array 77.87 62 P P 05 08 10.1 +0.4

NEIC 24 04:57:33.4, 2728S:71.12W, h9km, ML3.6(GUC), After GUC 24 04:57:33.4:0.5, 2728S:71.12W, h9km, 2km, MD3.7, ML3.6, CD-3D, Near coast of northern Chile

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

VACH Vallenar 1.33 166 iP Sb 04 57 50.7 -1.1 VACH Vallenar 1.33 166 iP Sb 04 57 51.1 -0.5 LCO Las Campanas 2.76 146 ePN Pn 04 58 03.3 -0.8 CPN1 Cerro Paranal 2.72 14 iP Pn 04 58 19.1 +1.8

TLL Tololo Astrono 2.89 175 iP Pn 04 58 21.0 +1.4 TLL Tololo Astrono 2.89 175 iP Pn 04 58 21.0 +1.4 TLL Tololo Astrono 2.89 175 iP Pn 04 58 21.0 +1.4

WRA Warramunga Arr 24.16 235 P P 04 51 34.0 -0.1 ASAR Alice Springs 26.54 228 P P 04 51 56.3 +0.5

NEZ North Egmont 0.50 4 P Pn 05 03 40.0 +0.5 NEZ North Egmont 0.50 4 P Pn 05 03 40.0 +0.5 RAEZ Rainy Point 0.55 29 P Pn 05 03 39.7 +0.1

PKE Pukeiti 0.58 355 S S 05 03 42.2 +0.5 PKE Pukeiti 0.58 355 S S 05 03 42.2 +0.5 PKE Pukeiti 0.58 355 S S 05 03 42.2 +0.5

WAZ Wanganui 0.72 89 P Pn 05 03 41.3 +0.1 WAZ Wanganui 0.72 89 P Pn 05 03 41.2 +0.9 WAZ Wanganui 0.72 89 P Pn 05 03 41.2 +0.9

WAZ Wanganui 0.84 41 P Pn 05 03 40.2 -0.6 WAZ Wanganui 0.84 41 P Pn 05 03 40.2 -0.6 WAZ Wanganui 0.84 41 P Pn 05 03 40.2 -0.6

PKVZ Pokaka 1.11 65 P Pn 05 03 42.5 -0.1 PKVZ Mangateiti 1.16 71 P Pn 05 03 43.1 +0.1

DRZ Dome Shelter 1.27 68 P Pn 05 03 44.2 +0.4 DRZ Dome Shelter 1.27 68 P Pn 05 03 43.8 0.0 DRZ Far West T-bar 1.27 67 P Pn 05 03 43.8 0.0

KIW Kapiti Island 1.27 149 P Pn 05 03 43.8 +0.1 KIW Kapiti Island 1.27 149 P Pn 05 03 43.8 +0.1 KIW Kapiti Island 1.27 149 P Pn 05 03 43.8 +0.1

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 TWZ Taurewa 1.28 57 P Pn 05 03 43.4 -0.4 TWZ Taurewa 1.28 57 P Pn 05 03 43.4 -0.4

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

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

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

WVNZ Whaniao 1.27 70 P Pn 05 04 07.8 -0.2 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0 WVNZ Whaniao 1.27 70 P Pn 05 04 08.6 -1.0

Table of station data for 24d 12h, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of station data for 2007 JUL, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of station data for 858, including columns for station name, coordinates, and various parameters like elevation and frequency.

24d 14h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, and other parameters. Includes stations like Lanzhou, Chengdu, Hu-ho-hao-te, Beijing, Yakutsk, etc.

2007 JUL

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, and other parameters. Includes stations like Matsushiro, Las Campanas, Cerro Paranal, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, SNR, and other parameters. Includes stations like Padang Panjang, IPM, FRIM, etc.

BLS	Bilaspur	25.03 323	eP	P	14 56 49.5	-0.6
BLSP				AMB	14 57 05.6	
	comp=Z,140nm,1.5s,mb5.3					
KDI	Kendari	25.47 104	P	P	14 56 53.9	-0.3
GYA	Guiyang	25.54 181	iP	P	14 56 53.8	-0.9
GYA			AP	pP	14 57 08.9	+1.0
GYA			PP	PP	14 57 37.9	
GYA			PCP	PcP	15 00 27.6	+2.4
GYA			S	S	15 01 22.1	+3.3
GYA			SS	SS	15 02 24.5	
GYA	comp=Z,30nm,1.0s,mb4.8			AMB		
GYA	comp=Z,910nm,17.0s,MS4.4			LR		
BBSI	Bau Bau	25.51 107	P	P	14 56 58.4	+1.0
NGP	Nagpur	26.29 317	eP	P	14 57 02.9	+1.3
NGP			AMB	AMB	14 57 04.1	
	comp=Z,65nm,1.0s,mb5.1					
RCP	Roxas	26.34 681	eP	P	14 57 02.8	+0.6
LATR	Latur	26.39 309	eP	P	14 57 03.2	+0.7
LATR			AMB	AMB	14 57 23.0	
ODAN	Odare	26.50 0 339	eP	P	14 57 03.3	-0.1
TAPN	Taplejung	26.83 340	eP	P	14 57 06.5	+0.1
RAMM	Ramite	26.86 337	eP	P	14 57 07.4	+0.6
MNI	Manado	26.95 91	P	P	14 57 07.9	+0.3
AKL	Akola	27.43 314	eP	P	14 57 13.2	+1.4
AKL			AMB	AMB	14 57 15.3	
JIRN	Jiri	27.67 337	eP	P	14 57 14.9	+1.0
KAD	Karad	27.70 304	iP	P	14 57 14.9	+0.6
KAD			AMB	AMB	14 57 15.5	
KAD			AMB	AMB	14 57 17.7	
PKI	Pulchoki	27.90 336	eP	P	14 57 16.5	+0.5
PKIN	Pulchoki	27.91 336	eP	P	14 57 16.8	+0.7
DAV	Davao City (W)	28.01 79	P	P	14 57 19.0	+1.9
DAV	Davao City (W)	28.01 79	P	P	14 57 19.0	+1.9
DAV	Davao City (W)	28.01 79	P	P	14 57 19.0	+1.9
DAV	Davao City (W)	28.01 79	P	P	14 57 19.0	+1.9
GUN	Gumba	28.02 337	eP	P	14 57 17.4	+0.4
DMN	Daman	28.06 335	eP	P	14 57 17.8	+0.4
LSA	Lhasa	28.08 347	P	S	14 57 19.3	+1.8
LSA			S	LR	15 01 57.9	-0.9
LSA			LR	LR		
LSA	comp=E,720nm,12.6s					
LSA	comp=Z,670nm,16.2s,MS4.3					
LSA	Lhasa	28.08 347	eP	P	14 57 17.1	-0.4
LSA	Lhasa	28.08 347	eP	P	14 57 17.1	-0.4
LSA			pmax	pmax		
KKN	Kakani	28.15 336	eP	P	14 57 18.2	0.0
BATI	Baumata	28.17 116	P	P	14 57 18.3	-2.9
BATI	Baumata	28.17 116	P	P	14 57 18.4	-2.8
BATI			LR	LR	15 10 39.4	
POO	Poona	28.60 306	iP	P	14 57 21.0	-1.3
POO			AMB	AMB	14 57 22.0	
POO			AMB	AMB	14 57 25.5	
GKN	Gorkha	28.60 335	eP	P	14 57 23.0	+0.8
KOLN	Koldanda	28.85 333	eP	P	14 57 24.9	+0.4
CD2	Chengdu	29.08 10	iP	P	14 57 25.1	-1.3
CD2			AP	pP	14 57 42.9	+3.2
CD2			PP	PP	14 58 20.4	-1.2
CD2			PCP	PcP	15 00 51.9	+1.8
CD2			S	S	15 02 13.1	-1.4
CD2			SS	SS	15 03 45.0	-3.5
CD2			AMB	AMB		
CD2	comp=Z,30nm,0.8s,mb5.1			AMB		
CD2	comp=Z,150nm,6.6s			LR		
CD2	comp=N,920nm,19.2s,MS4.7			LR		
CD2	comp=E,2um,19.2s,MS4.7			LR		
CD2	comp=Z,960nm,19.8s,MS4.4			LR		
DANN	Dangsing	29.28 334	eP	P	14 57 29.0	+0.8
LBMI	Labuha	29.74 95	P	P	14 57 34.1	+1.6
OZH	Quanzhou	30.16 40	P	S	14 57 35.5	-0.6
OZH			S	LR	15 02 29.0	-2.7
OZH			LR	LR		
OZH	comp=N,940nm,14.0s,MS4.8					
OZH	comp=E,1um,13.2s,MS4.8					
OZH	comp=Z,540nm,13.0s,MS4.4					
AAI	Ambon	30.85 101	P	P	14 57 40.7	-1.6
MBWA	Marble Bar	31.57 138	eP	P	14 57 46.5	-2.0
YHNB	Yeheng	31.82 43	eP	P	14 57 49.2	-1.5
LGTI	Lohaghat	31.86 330	eP	P	14 57 50.8	-0.2
PTH	Pithoragarh	31.96 330	eP	P	14 57 52.1	+0.3
WHN	Wuhan	32.21 27	iP	P	14 57 53.5	-0.5
WHN			LR	LR		
WHN	comp=N,970nm,12.9s,MS4.9					
WHN	comp=E,2um,17.2s,MS4.9					
WHN	comp=Z,2um,16.2s,MS4.8					
AJM	Ajmer	32.87 319	eP	P	14 58 00.3	+0.5
AJM			AMB	AMB	14 58 16.0	
NDI	New Delhi	32.88 325	ex	x	14 57 16.0	
NDI			ex	x	15 03 08.5	
XAN	Xi'an	33.30 17	P	S	14 58 01.9	-1.6
XAN			S	AMB	15 03 15.1	-5.4
XAN			AMB	AMB		
XAN	comp=Z,75nm,0.9s,mb5.6					
XAN	comp=Z,23nm,3.9s					
XAN	comp=N,125nm,17.9s,MS4.4					
XAN	comp=E,705nm,17.0s,MS4.4					
XAN	comp=Z,693nm,17.9s,MS4.4					
DDI	Dehra Dun	33.69 328	eP	x	14 58 06.5	-0.5
DDI			ex	x	15 03 21.0	
FITZ	Fitzroy Crossi	33.98 128	eP	P	14 58 07.1	-2.5
FITZ	Fitzroy Crossi	33.98 128	eP	P	14 58 07.3	-2.3
FITZ			ScP	ScP	15 04 28.1	+0.4
LZH	Lanzhou	34.16 19	eP	P	14 58 10.4	-0.5
LZH			AP	pP	14 58 25.8	+1.5
LZH			PP	PP	14 59 26.1	-3.0
LZH			eS	S	15 03 31.5	-2.1
LZH			SS	SS	15 05 45.0	-1.8
LZH			AMB	AMB		
LZH	comp=Z,39nm,1.0s,mb5.3			AMB		
LZH	comp=Z,148nm,5.6s					
LZH	comp=N,2um,14.3s			LR		
LZH	comp=Z,2um,16.6s,MS4.9			LR		
SMLA	Simla	34.80 328	iP	P	14 58 16.2	-0.3
SMLA						

SMLA	Sundarnagar	35.19 328	eP	S	15 03 42.0	-1.6
SDNR	Bhakra	35.42 327	eP	P	14 58 20.4	+0.5
BHK	Nanjing	35.65 31	eP	P	14 58 21.4	-0.5
NJ2			AP	pP	14 58 25.5	+1.6
NJ2			PP	PP	14 59 46.4	+0.7
NJ2			S	S	15 03 57.5	+0.7
NJ2			SS	SS	15 06 16.0	-1.8
NJ2	comp=Z,20nm,0.8s,mb5.1			AMB		
NJ2	comp=Z,90nm,8.8s			AMB		
NJ2	comp=N,620nm,24.0s,MS4.8			LR		
NJ2	comp=E,2um,22.0s,MS4.8			LR		
NJ2	comp=Z,2um,22.0s,MS4.7			LR		
SSE	Sheshan	36.20 35	P	P	14 58 29.3	+0.7
SSE			AP	pP	14 59 42.1	+0.1
SSE			PP	PP	14 59 52.4	+0.7
SSE			S	S	15 04 05.8	+0.6
SSE			AMB	AMB		
SSE	comp=Z,23nm,0.8s,mb5.2			AMB		
SSE	comp=Z,44nm,4.2s			LR		
SSE	comp=N,213nm,17.9s,MS4.5			LR		
SSE	comp=E,736nm,17.8s,MS4.5			LR		
SSE			LR	LR		
DLH	Dalhousie	36.53 328	eP	P	14 58 30.0	-1.4
THN	Thein Dam	36.58 328	eP	P	14 58 31.1	-0.7
GTA	Gaotai	37.07 2	P	P	14 58 34.8	-1.0
GTA			AP	pP	14 58 52.3	+3.0
GTA			PP	PP	15 00 00.1	-1.1
GTA			PCP	PcP	15 00 56.6	+0.9
GTA			S	S	15 04 13.3	-4.9
GTA			SCS	ScS	15 08 43.3	-2.7
GTA			AMB	AMB		
GTA	comp=Z,18nm,0.9s,mb4.9			AMB		
GTA	comp=Z,54nm,7.2s			LR		
GTA	comp=N,205nm,16.0s			LR		
GTA	comp=E,280nm,21.7s			LR		
GTA	comp=Z,301nm,23.9s					
KAKA	Kakadu	37.37 114	iP	P	14 58 36.6	-2.2
MUN	Munding	38.19 154	iP	P	14 58 47.3	+1.9
TIA	Tai'an	38.23 26	eP	P	14 58 44.0	-1.7
KLBR	Kellerberrin	38.55 152	iP	P	14 58 49.7	+1.2
NWAO	Narrogin (SRO)	39.45 154	eP	P	14 58 56.9	+0.9
NWAO	Narrogin (SRO)	39.45 154	P	P	14 58 57.4	+1.4
NWAO			LR	LR	15 13 33.6	
NWAO	Narrogin (SRO)	39.45 154	P	P	14 58 56.9	+1.0
NWAO			pmax	pmax		
NWAO	comp=Z,216nm,0.8s					
BTO	Baotou	39.77 14	eP	P	14 58 57.0	-1.5
HHC	Hu-ho-hao-te	40.40 16	eP	P	14 59 04.0	+0.2
HHC			AP	pP	14 59 21.9	+4.4
HHC			PP	PP	15 00 41.8	+4.2
HHC			PCP	PcP	15 01 06.3	+0.2
HHC			SCP	ScP	15 04 50.0	-1.3
HHC			PCS	PcS	15 04 56.4	-0.2
HHC			S	S	15 05 10.5	+2.1
HHC			SS	SS	15 08 06.4	-2.8
HHC			SCS	ScS	15 09 03.4	-1.9
HHC			AMB	AMB		
HHC	comp=Z,22nm,1.0s,mb4.8			AMB		
HHC	comp=Z,60nm,6.1s			LR		
HHC	comp=N,582nm,16.5s,MS4.6			LR		
HHC	comp=E,425nm,18.0s,MS4.6			LR		
HHC	comp=Z,559nm,17.6s,MS4.5			LR		
BJT	Baijiatuu	41.13 21	eP	P	14 59 09.6	-0.2
BJT	Baijiatuu	41.13 21	eP	P	14 59 09.6	-0.2
BJT			pmax	pmax		
BJI	Beijing	41.15 21	P	S	14 59 09.9	-0.1
BJI			S	S	15 05 19.1	-0.5
BJI			AMB	AMB		
BJI	comp=Z,92nm,0.7s,mb5.5			AMB		
BJI	comp=Z,145nm,4.5s			LR		
BJI	comp=N,333nm,18.9s,MS4.5			LR		
BJI	comp=E,460nm,19.6s,MS4.5			LR		
BJI			LR	LR		
KBL	Kabul	41.91 323	eP	P	14 59 15.2	-1.1
WRA	Warrambata Arr	42.00 123	P	P	14 59 15.7	-1.5
WRA			PCP	PcP	15 01 11.6	-0.1
WRA			ScP	ScP	15 04 56.7	-1.4
WRA			S	S	15 05 28.6	-4.1
WRA			LR	LR	15 17 02.9	
WRA	comp=Z,582nm,21.0s,MS4.4,baaz=295,slow=37			P	14 59 15.7	-1.5
WRA	comp=Z,2um,0.5s			S	15 01 11.6	
WRA			S	S	15 05 28.6	-4.1
WRA	comp=Z,237nm,0.6s			pmax		
WRA	comp=Z,34nm,0.7s			pmax		
WRA	comp=N,6.0nm,1.0s			pmax		
WRA	comp=N,6.0nm,1.1s			MLR		
WRA	comp=Z,583nm,21.0s					
WRAB	Tennant Creek	42.00 123	P	P	14 59 15.0	-2.2
WRAB	Tennant Creek	42.00 123	eP	P	14 59 15.7	-1.6
WRAB			LR	LR		
WRAB	comp=Z,1um,20.0s,MS4.7					
WB2	Warrambata Arr	42.01 123	iP	P	14 59 15.6	-1.6
WB2			ePCP	PcP	14 59 15.7	-1.6
KSH	Kashi	42.15 335	eP	P	14 59 19.3	+1.2
KSH			PP	PP	15 01 00.8	+4.2
KSH			ePCP	PcP	15 05 04.4	0.0
KSH			ePCS	PcS	15 05 04.3	+0.7
KSH			S	S	15 05 34.5	+0.7
KSH			eSS	SS	15 08 39.0	-4.8
KSH			AMB	AMB		
KSH	comp=Z,401nm,5.4s		</			

Table with columns for station name, frequency, power, and other technical details. Includes stations like IRKUTSK, HAILAR, MUDANJIANG, and KHABAROVSK.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HABR, CHUL'MAN, YESS, and SOCHI.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRHR, AVANT, ANAPA, and BASHKORTOSTAN.

Table with columns: SOC, Station Name, Time, Res, and various parameters. Includes stations like Sochi, Sirt, PTK, GRSN, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Erkin-Say, AML, GEC2, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like NEIC, MOS, ISCJB, etc.

QIZ	comp=E,186nm,17.1s	LR	LR		
QIZ	comp=Z,259nm,17.6s,MS4.1	LR	LR		
MJAR	Matsushiro Arr 39.42 356 P	P	P	19 41 18.6	-2.0
MJAR	comp=Z,4.0nm,1.0s,mb4.1,baz=183,slow=9.6,SNR=16	PcP	PcP	19 43 28.5	+0.3
MJAR	comp=Z,1.1nm,0.7s,baz=185,slow=4.6,SNR=4.2	LR	LR	19 56 01.3	
MJAR	Matsushiro Arr 39.42 356 P	P	P	19 41 18.6	-2.0
MJAR	comp=Z,4.0nm,1.0s	pmax	pmax		
MJAR	comp=Z,1.0nm,0.7s	pmax	pmax		
MJAR	comp=Z,6.1nm,18.4s	MLR	MLR		
MAT	Matsushiro 39.42 356 P	P	P	19 41 16.8	-3.8
MAT	Tasmania Unive 40.11 173 eP	eS	S	19 47 11.6	-8.0
TAU	Tasmania Unive 40.11 173 eP	eP	P	19 41 26.5	+0.2
TAU	comp=Z,95nm,1.3s,mb5.4	eP	pmax		
FRIM	Kepong 40.37 278 iP	P	P	19 41 28.4	-0.4
NJ2	Nanjing 40.94 330 eP	eP	P	19 41 32.8	-0.5
NJ2	comp=Z,3.8nm,0.9s,mb4.0,baz=165,slow=9.8,SNR=29	AP	pP	19 41 45.1	+0.5
NJ2	comp=Z,2.5nm,0.7s,baz=157,slow=3.7,SNR=9.5	XP	sP	19 43 11.1	+2.8
NJ2	comp=Z,2.41nm,19.8s,MS4.1,baz=190,slow=36	PP	PP	19 47 40.0	-2.5
NJ2	comp=Z,3.0nm,0.7s,mb4.0	XS	SS	19 48 00.5	-0.8
NJ2	comp=Z,30nm,1.0s,mb4.9	SS	SS	19 50 38.5	-7.0
NJ2	comp=Z,2.40nm,5.4s	AMB	AMB		
NJ2	comp=N,470nm,22.3s,MS4.4	LR	LR		
NJ2	comp=E,330nm,24.0s,MS4.4	LR	LR		
NJ2	comp=Z,280nm,24.2s,MS4.0	LR	LR		
IPM	Iphoh 41.15 280 iP	P	P	19 41 34.7	-0.6
SNG	Songkhla 42.06 284 P	P	P	19 41 42.0	-0.8
KS15	Wongju Array Si 42.15 344 eP	eP	P	19 41 45.3	+2.2
KSR5	Korea Array 42.15 344 P	P	P	19 41 41.8	-1.3
KSR5	comp=Z,3.7nm,0.9s,mb4.0,baz=165,slow=9.8,SNR=29	AP	pP	19 43 36.9	-0.2
KSR5	comp=Z,2.5nm,0.7s,baz=157,slow=3.7,SNR=9.5	LR	LR	19 58 52.4	
KSR5	comp=Z,2.41nm,19.8s,MS4.1,baz=190,slow=36	P	P	19 41 41.8	-1.3
KSR5	comp=Z,4.0nm,0.9s,mb4.0	pmax	pmax		
KSR5	comp=Z,3.0nm,0.7s,mb4.0	pmax	pmax		
KSR5	comp=Z,2.41nm,19.8s,MS4.1	MLR	MLR		
WHN	Wuhan 42.23 324 eP	P	P	19 41 44.5	+0.7
INCN	Inchon 42.55 342 eP	P	P	19 41 44.6	-1.7
INCN	comp=Z,60nm,1.4s,mb5.2	P	P	19 41 47.0	+0.6
INCN	Inchon 42.55 342 P	P	P	19 41 47.0	+0.6
GYA	Guyiang 44.62 313 iP	iP	P	19 42 04.6	+1.4
GYA	comp=N,530nm,18.0s	AP	pP	19 42 15.9	+1.2
GYA	comp=Z,10.0nm,0.9s,mb4.8	XP	sP	19 42 20.8	+1.4
GYA	comp=Z,1.0nm,0.7s,mb4.8	PP	PP	19 43 50.0	+2.0
GYA	comp=Z,1.0nm,0.9s,mb4.8	SCP	ScP	19 47 34.4	-0.5
GYA	comp=Z,1.0nm,0.7s,mb4.8	S	S	19 48 37.0	+0.2
GYA	comp=Z,1.0nm,0.9s,mb4.8	SS	SS	19 51 49.5	-8.4
NST	Nakhon Sawan 44.94 296 P	P	P	19 42 06.0	+0.1
DL2	Dalian 45.52 338 P	P	P	19 42 10.3	+0.1
DL2	comp=Z,10.0nm,0.9s,mb4.8	S	S	19 48 50.1	+0.6
DL2	comp=Z,10.0nm,0.9s,mb4.8	XS	AMB	19 49 10.4	+1.9
DL2	comp=Z,110nm,3.8s	AMB	AMB		
DL2	comp=N,100nm,15.2s,MS4.0	LR	LR		
DL2	comp=E,100nm,18.4s,MS4.0	LR	LR		
DL2	comp=Z,100nm,17.7s,MS3.8	LR	LR		
NANT	Nan 45.63 300 P	P	P	19 42 08.0	-3.3
KMI	Kunming 46.85 309 P	P	P	19 42 21.6	+0.7
KMI	comp=Z,1.7nm,1.5s,mb4.8	AP	pP	19 42 30.3	-2.1
KMI	comp=N,262nm,19.6s,MS4.3	S	S	19 49 09.8	+0.9
KMI	comp=N,160nm,18.0s,MS4.3	LR	LR		
ASAJ	Asahikawa 46.87 1 LR	LR	LR	20 01 35.2	
CM31	Chiang Mai Arr 47.02 299 eP	P	P	19 42 21.4	-0.9
CMAR	Chiang Mai Arr 47.02 299 P	P	P	19 42 21.5	-0.8
CMAR	comp=Z,4.9nm,1.0s,baz=128,slow=1.5,SNR=8.7	PcP	PcP	19 43 54.8	+0.6
CMAR	comp=E,88nm,19.6s,MS3.7,baz=215,slow=36	LR	LR	20 01 47.0	
CMAR	Chiang Mai Arr 47.02 299 P	P	P	19 42 21.5	-0.8
CMAR	comp=Z,4.0nm,0.7s	pmax	pmax		
CMAR	comp=Z,5.0nm,1.0s	pmax	pmax		
CMAR	comp=Z,89nm,19.6s	MLR	MLR		
CHG	Chiang Mai 47.16 299 iP	P	P	19 42 24.8	+1.4
CHTO	Chiang Mai 47.16 299 eP	P	P	19 42 22.9	-0.5
CHTO	comp=Z,6.4nm,0.9s,mb4.7	ePcP	PcP	19 43 55.3	+0.7
CHTO	Chiang Mai 47.16 299 P	P	P	19 42 23.7	+0.3
CHTO	Chiang Mai 47.16 299 eP	P	P	19 42 22.9	-0.5
CHTO	comp=Z,8.0nm,0.9s,mb4.7	e	pmax	19 43 55.3	
XAN	Xi'an 47.94 323 P	P	P	19 42 28.9	-0.3
XAN	comp=Z,32nm,1.5s,mb5.1	AMB	AMB		
XAN	comp=Z,53nm,7.1s	AMB	AMB		
BJT	Baijiatuu 48.69 334 eP	P	P	19 42 34.9	+0.1
BJT	comp=Z,29nm,1.2s,mb5.2	eP	pmax	19 42 34.9	+0.1
BJT	comp=Z,29nm,1.2s	pmax	pmax		
BJI	Beijing 48.70 334 P	P	P	19 42 34.3	-0.6
BJI	comp=Z,10nm,1.1s,mb4.7	AP	pP	19 42 46.4	-0.1
BJI	comp=Z,10nm,1.1s,mb4.7	XP	sP	19 42 51.4	+0.2
BJI	comp=Z,10nm,1.1s,mb4.7	PP	PP	19 44 26.8	-1.6
BJI	comp=Z,10nm,1.1s,mb4.7	S	S	19 49 32.0	-2.7
BJI	comp=Z,10nm,1.1s,mb4.7	XS	SS	19 49 55.1	+1.2
BJI	comp=Z,10nm,1.1s,mb4.7	SS	SS	19 53 02.3	-3.3
BJI	comp=Z,22nm,1.4s,mb5.0	AMB	AMB		
BJI	comp=Z,213nm,3.6s	LR	LR		
BJI	comp=N,277nm,20.2s,MS4.3	LR	LR		
BJI	comp=E,168nm,20.2s,MS4.3	LR	LR		
BJI	comp=Z,238nm,21.4s,MS4.2	LR	LR		
CN2	Changchun 48.74 345 iP	P	P	19 42 35.1	-0.1
CN2	comp=Z,20nm,1.0s,mb5.1	eAP	pP	19 42 47.5	+0.8
CN2	comp=Z,20nm,1.0s,mb5.1	eS	S	19 49 34.3	-0.8
CN2	comp=Z,20nm,1.0s,mb5.1	AMB	AMB		
CN2	comp=Z,200nm,5.0s	AMB	AMB		
CN2	comp=N,300nm,15.0s,MS4.5	LR	LR		
CN2	comp=E,200nm,15.0s,MS4.5	LR	LR		

CN2	comp=Z,200nm,17.0s,MS4.2	LR	LR		
CD2	Chengdu 49.29 316 iP	P	P	19 42 40.3	+0.7
CD2	comp=Z,200nm,17.0s,MS4.2	AP	pP	19 42 52.5	+1.3
CD2	comp=Z,200nm,17.0s,MS4.2	XP	sP	19 42 58.4	+2.5
CD2	comp=Z,200nm,17.0s,MS4.2	PCP	PcP	19 44 03.1	+1.0
CD2	comp=Z,200nm,17.0s,MS4.2	PP	PP	19 44 35.8	+1.9
CD2	comp=Z,200nm,17.0s,MS4.2	PcS	PcS	19 47 58.8	+0.1
CD2	comp=Z,200nm,17.0s,MS4.2	S	S	19 49 43.8	+0.5
CD2	comp=Z,200nm,17.0s,MS4.2	XS	SS	19 50 05.3	+2.8
CD2	comp=Z,200nm,17.0s,MS4.2	SS	SS	19 52 25.8	-2.8
CD2	comp=Z,200nm,17.0s,MS4.2	SS	SS	19 53 11.9	-3.5
CD2	comp=Z,80nm,1.1s,mb5.7	AMB	AMB		
CD2	comp=Z,120nm,8.4s	AMB	AMB		
CD2	comp=N,260nm,10.2s,MS4.7	LR	LR		
CD2	comp=E,350nm,14.4s,MS4.7	LR	LR		
CD2	comp=Z,280nm,15.0s,MS4.4	LR	LR		
YSS	Yuzh-Sakhalins 49.71 1 eP	eP	P	19 42 40.3	-2.2
YSS	comp=Z,19nm,1.1s,mb5.0	eP	P	19 42 40.3	-2.2
YSS	Yuzh-Sakhalins 49.71 1 eP	eP	P	19 42 40.3	-2.2
YSS	comp=Z,19nm,1.1s,mb5.0	eP	pmax	19 42 40.3	-2.2
HHC	Hu-ho-hao-te 51.47 331 eP	eP	P	19 42 56.8	+0.9
HHC	comp=Z,19nm,1.1s,mb5.0	AP	pP	19 43 09.1	+1.5
HHC	comp=Z,19nm,1.1s,mb5.0	XP	sP	19 43 14.4	+2.1
HHC	comp=Z,19nm,1.1s,mb5.0	PCP	PcP	19 44 10.3	+0.4
HHC	comp=Z,19nm,1.1s,mb5.0	PP	PP	19 44 55.3	+1.7
HHC	comp=Z,19nm,1.1s,mb5.0	ScP	ScP	19 48 02.3	-1.2
HHC	comp=Z,19nm,1.1s,mb5.0	PcS	PcS	19 48 07.4	-0.3
HHC	comp=Z,19nm,1.1s,mb5.0	S	S	19 50 13.3	0.0
HHC	comp=Z,19nm,1.1s,mb5.0	XS	SS	19 53 51.7	+1.2
HHC	comp=Z,19nm,1.1s,mb5.0	SS	SS	19 52 40.4	-2.7
HHC	comp=Z,19nm,1.1s,mb5.0	SS	SS	19 53 47.9	-1.9
HHC	comp=Z,11nm,1.1s,mb4.7	AMB	AMB		
HHC	comp=Z,208nm,4.9s	AMB	AMB		
HHC	comp=N,201nm,18.0s,MS4.4	LR	LR		
HHC	comp=E,252nm,19.2s,MS4.4	LR	LR		
HHC	comp=Z,320nm,16.9s,MS4.4	LR	LR		
HABR	Khabarovsk 51.53 354 eP	eP	pP	19 42 55.2	-1.0
HABR	comp=Z,320nm,16.9s,MS4.4	ePP	P	19 43 03.5	-4.3
HABR	comp=Z,320nm,16.9s,MS4.4	eP	P	19 44 07.4	
HABR	comp=Z,320nm,16.9s,MS4.4	eS	S	19 44 51.2	
HABR	comp=Z,320nm,16.9s,MS4.4	e	S	19 50 14.7	+0.9
HABR	comp=Z,320nm,16.9s,MS4.4	e	S	19 50 29.6	
HABR	comp=Z,320nm,16.9s,MS4.4	eSS	SS	19 52 42.7	+1.2
HABR	comp=Z,320nm,16.9s,MS4.4	eSSS	SS	19 55 28.3	
LZH	Lanzhou 52.41 321 eP	P	P	19 43 04.3	+1.3
LZH	comp=Z,16nm,1.0s,mb4.9	AMB	AMB		
LZH	comp=Z,95nm,5.8s	AMB	AMB		
LZH	comp=N,124nm,5.6s	LR	LR		
LZH	comp=Z,154nm,7.3s	LR	LR		
KLR	Kul'dur 52.66 352 eP	P	P	19 43 00.0	-4.6
KLR	comp=E,24nm,1.4s	pmax	pmax		
HIA	Hailar 55.34 343 eP	P	P	19 43 24.2	+0.1
HIA	comp=Z,6.9nm,0.3s,mb5.2	P	P	19 43 23.8	-0.4
GTA	Gaotai 55.34 343 iP	P	P	19 43 36.9	+0.9
GTA	comp=Z,6.9nm,0.3s,mb5.2	AP	pP	19 43 49.4	+1.6
GTA	comp=Z,6.9nm,0.3s,mb5.2	PCP	PcP	19 44 31.9	+0.9
GTA	comp=Z,6.9nm,0.3s,mb5.2	PP	PP	19 45 44.6	+1.6
GTA	comp=Z,6.9nm,0.3s,mb5.2	S	S	19 51 27.3	-0.2
GTA	comp=Z,6.9nm,0.3s,mb5.2	XS	SS	19 51 49.3	+2.3
GTA	comp=Z,6.9nm,0.3s,mb5.2	SS	SS	19 55 21.1	+4.4
GTA	comp=Z,35nm,1.1s,mb5.3	AMB	AMB		
GTA	comp=Z,238nm,6.1s	AMB	AMB		
GTA	comp=N,145nm,20.9s,MS4.2	LR	LR		
GTA	comp=E,79nm,17.1s,MS4.2	LR	LR		
GTA	comp=Z,172nm,16.4s,MS4.2	LR	LR		
PETK	Petrovavlovsk 57.49 11 P	P	P	19 43 38.7	-0.7
PETK	comp=Z,9.7nm,1.0s,mb4.8,baz=186,slow=8.8,SNR=9.8	LR	LR	20 04 17.8	
PETK	comp=Z,122nm,21.1s,MS4.0,baz=294,slow=32	LR	LR	20 04 17.8	
LSA	Lhasa 58.08 308 P	P	P	19 43 45.3	+1.3
LSA	comp=Z,20nm,0.5s,mb5.4	AMB	AMB		
LSA	Lhasa 58.08 308 eP	eP	P	19 43 45.6	+1.6
LSA	comp=Z,19nm,1.1s,mb5.0	eP	pmax	19 43 45.6	+1.6
ULN	Ulanbaatar 58.91 334 iP	P	P	19 43 49.5	+0.1
ULN	comp=Z,19nm,1.1s,mb5.0	eP	P	19 43 50.8	+1.4
ULN	comp=Z,27nm,1.3s,mb5.1	P	P	19 43 50.0	+0.6
ULN	Ulanbaatar 58.91 334 iP	P	P	19 43 50.0	+0.6
SONM	Sonoma 59.18 333 P	P	P	19 43 51.5	+0.2
SONM	comp=Z,6.9nm,1.1s,mb4.6,baz=152,slow=7.7,SNR=26	LR	LR	20 11 22.0	
SONM	comp=Z,247nm,19.0s,MS4.3,baz=50,slow=38	LR	LR	20 11 22.0	
SONM	Sonoma 59.18 333 P	P	P	19 43 51.5	+0.2
SONM	comp=Z,7.0nm,1.1s	pmax	pmax		
SONM	comp=Z,247nm,19.0s	MLR	MLR		
CIT	Chita 59.69 340 eP	P	P	19 43 55.2	+0.5
TAPN	Tapelejung 59.94 304 eP	P	P	19 43 57.7	+0.7
ODAN	Odare 60.03 303 eP	P	P	19 43 58.2	+0.6
RAMN	Ramite 60.72 303 eP	P	P	19 44 02.7	+0.3
CLNS	Chul'man 61.11 350 eP	P	P	19 44 04.1	-0.3
CLNS	comp=Z,366nm,18.4s,MS4.7,baz=351,slow=36	ePP	pP	19 44 13.8	-2.4
CLNS	comp=Z,366nm,18.4s,MS4.7,baz=351,slow=36	e	S	19 44 48.9	
CLNS	comp=Z,366nm,18.4s,MS4.7,baz=351,slow=36	eS	S	19 46 17.6	
CLNS	comp=Z,366nm,18.4s,MS4.7,baz=351,slow=36	eS	S	19 52 18.8	-1.8
CLNS	comp=Z,366nm,18.4s,MS4.7,baz=351,slow=36	e	SS	19 53 54.6	
CLNS</					

Table of meteorological data for 24d 20h, listing stations like BVAO, BVAR, BRVK, etc., with columns for station name, time, and various meteorological parameters.

Table of meteorological data for 2007 JUL, listing stations like ISCJB, IGT, KEK, etc., with columns for station name, time, and various meteorological parameters.

Table of meteorological data for 872, listing stations like HRY, L15A, M15A, etc., with columns for station name, time, and various meteorological parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BATI Baunata, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array.

ISCJB 24 20:56:03.6:1.1, 3367N:004:35.02E:006, h12km, 6km, Error ellipse: s-maj=9.4km s-min=5.5km az=22.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MATL Matirih, BHL Bhanes, HNTI Hanita, RCY Rachaya, etc.

ISCJB 24 21:02:45.0:5.0, 3465N:004:73.28E:005, h59km, 7km, mb3.5/6, Error ellipse: s-maj=6.7km s-min=5.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like NDI 24 21:02:45.1:2.2, 3471N:73.05E, h73km, ML3.5, mb3.4(NEIC).

NEIC 24 21:02:48.6:1.0, 3467N:73.18E, h72km, 9km, mb3.4/2, Error ellipse: s-maj=9.8km s-min=8.7km az=155.0

IDC 24 21:02:49.3:3.5, 3472N:73.19E, h75km, 7km, mb3.3/7, mb1.3/5.10, mb1mx3.2/5, mbtm3.3/10, ML3.6/3, Error ellipse: s-maj=44.5km s-min=17.3km az=34.0

NNC 24 21:02:51.4:8.9, 3492N:73.41E, h85km, 7km, mb3.1, mpv4.0, Error ellipse: s-maj=79.3km s-min=61.8km az=127.0

ISC 24 21:02:47.2:0.4, 3463N:003:73.25E:004, h61km, 7km, n39, a1507/48, mb3.5/6, CD, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CHCP Chirah Chowk, CEP Cherat, THW Thammie Wali, SARF Sargodha, etc.

CSEM 24 21:19:21.8:0.1, 3874N:26.09E, h5km, ML2.6, Error ellipse: s-maj=2.4km s-min=1.5km az=48.0

DDA 24 21:19:27.2, 3890N:26.68E, h6km, 4km, Md2.8

ISC 24 21:19:22.1:0.5, 3875N:002:26.04E:004, h10km, 4km, n22, o086/40, 4D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CHOS Chios Island, PRK Paraskevi, AYVA Ayvalik, etc.

IDC 24 21:07:08.8:2.3, 1275S:73.10W, h0km, mb3.7/1, mb1.4/2, mb1mx3.5/20, mbtm3.9/2, ML4.0, Error ellipse: s-maj=69.2km s-min=7.5km az=56.0, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like LPAZ La Paz, TORO Torodi Arr, SONM Songoing Array.

CSEM 24 21:47:36.8:0.3, 1621N:42.64E, h10km, ML3.5, After DHMR

DHMR 24 21:47:36.8:0.3, 1621N:42.64E, h10km, 3km, ML3.5, 2C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HAJJ Hajjah, TRBA Al Turbah, BDHA Al Bayda, etc.

BJI 24 21:51:59.3, 3726N:139.47E, h47km, mb4.6, mb4.6, Ms4.5, az=24.3

IDC 24 21:52:00.9:0.4, 3755N:138.57E, h0km, mb4.6/21, mb1.4/7.24, mb1mx4.6/28, mbtm4.6/24, ML4.0/3, MS3.9/14, Ms1.4/0.14, ms1mx3.7/43, Error ellipse: s-maj=16.1km s-min=7.8km az=96.0

NIED 24 21:52:00.3750N:138.80E, h20km, Mw4.7 Best double couple: Mo:1.18000x10^16 NP1:25.00000, 0.49.00000, 1.92.00000, NP2:203.00000, 0.41.00000, 1.88.00000

ISCJB 24 21:52:03.2:0.3, 3751N:002:138.56E:002, h21km, 2km, mb4.7/11.7, MS4.1/36, Error ellipse: s-maj=3.4km s-min=2.7km az=166.0

JMA 24 21:52:04.0:0.1, 3753N:138.72E, h24km, 1km, MP4.8 Broadband fault plane solution: P waves, ML1.8, 0.26.00000, 0.44.00000, 1.94.00000, NP2:20.00000, 0.46.00000, 1.86.00000, Principal axes: T Plg87.0000, Azm41.0000, N Plg3.0000, Azm203.0000, P Plg1.0000, Azm293.0000

JMA Flt IV J1

MOS 24 21:52:05.4:0.9, 3751N:138.53E, h40km, mb5.0/54, MS4.1/23 Error ellipse: s-maj=8.9km s-min=4.5km az=108.6

NEIC 24 21:52:07.8:0.6, 3748N:138.54E, h48km, 5km, mb4.8/68, MS4.2/6, MW4.7(NIED), Error ellipse: s-maj=4.1km s-min=3.8km az=103.0

NEIC Recoded [4 JMA] in Niigata; [2 JMA] in Fukushima, Niigata, Ishikawa, Nagano and Yamagata; [1 JMA] Saitama, Tochigi and Toyama Prefectures.

GCMT 24 21:52:07.8:0.6, 3771N:138.58E, h30km, MW4.9/48, Moment Tensor Solution. s29, c33; s48, c72; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.49; 1.8; Mw:0.72; 1.0; Ms:1.77; 1.1; Mo:0.57; 1.7; Mw:0.78; 0.6; Mo:0.16; 1.3; Best double couple: Mo:4.04000x10^16 NP1:20.00000, 0.41.00000, 1.77.00000, NP2:217.00000, 0.51.00000, 1.101.00000, Principal axes: T: 2.5890, Plg80.0000, Azm178.0000, N: -0.3720, Plg8.0000, Azm30.0000, P: -2.2200, Plg5.0000, Azm299.0000, nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

SZGRF 24 21:52:09.6, 3783N:138.40E, h33km, mb4.9, MS3.9, Near west coast of eastern Honshu, Japan

ISC 24 21:52:03.8:0.4, 3751N:002:138.58E:002, h14km, 2km, h44km, 4.9km, pp-P, n528, o078/548, mb4.7/11.7, MS4.1/36, 121C-93D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like JIZZ Izuzozaki, JHK Hiroka, JSD Sado, JNS Sasegawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MJAR, JAW Awa shima, JHJ Hachijo jima, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, WHN, CLNS, MA2, GUMU, YAK, XAN, GUA, SONM, ULN, SONM, BOD, SEY, LZH, ZAK, GYA, CHENG, CD2, GTA, and GAT.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, WHN, CLNS, MA2, GUMU, YAK, XAN, GUA, SONM, ULN, SONM, BOD, SEY, LZH, ZAK, GYA, CHENG, CD2, GTA, and GAT.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVZ, MBWA, ASAR, KLMR, ARCES, JOF, YKA, OBN, VRSR, FORT, ARMA, KIV, STKA, ETW, C07A, B08A, E06A, SUMG, H04A, C08A, B09A, I04A, OD2, G06A, NEW, NEW, A11A, ANN, ANN, H06A, E09A, J05A, K04A, G08A, M04C, K05A, J06A, AKASG, AKASG, AKKB, KIEV, KIEV, H08A, B13A, K06A, G09A, L05A, NWA0, NWA0, NOA, NOA, NOA, C13A, G10A, and MOD.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for Kuril'sk, Petropavlovsk, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for Warramunga Arr, Fitzroy Crossi, Alice Springs, etc.

ISCJB 25 00:22:06.1±0.4, 3930N,003.2016E,003,h0km, Error ellipse: s-maj=4.1km s-min=3.3km az=173.4

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for IGT Igoumenitsa, KEK Kerkira, LKJ Janina, etc.

NIED 25 00:40.0, 4190N:14250E, h50km, Mw4.1. Best double couple: M=1.380000, 1015 NP1=26.00000, delta.000000, 1.85, 0.00000, NP2=220.00000, delta.000000, 1.103, 0.00000

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for Urakawa-nobuka, Erimo, Biratori 2, Churui, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for Kayabe, Eniwo, Ohata, Norobiretsu, Furan, Onbets, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, KUR Kuri'sk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for JHJ Hachioji jima 2, MDJ Mudanjiang, KSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for JNU Natsue, INCN Incheon, HIA Hailar, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for MKAR Makanchi Array, MKAR Makanchi Array, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for ARCES ARCESS Array B, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for ASAR Alice Springs, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for GERS GERS Array B, GERS GERS Array B, SCHO Schefferville, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for SPN Sary Shapinskiy, KII Kymyskiy, NLC Nalytchevo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for GNM Ganaly Tumrok, TUMR Tumrok, RUS Russkaya, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, SHGR Na'in, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes entries for PNL Peninsula, PNL Peninsula, HYT Haines Junction, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BMRM, RAGM, DHAH, etc.

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

Table with columns: AFI, AFI, AFI, etc. Includes stations like Afiamalu, Afiamalu, Afiamalu, etc.

Table with columns: MIR, MIR, MIR, etc. Includes stations like Mirnyy, Mirnyy, Mirnyy, etc.

MOS 25 01:03:41.0±0.8, 2567S, 17996E, h435km, mb4.9/23, Error ellipse: s-maj=1.10km s-min=8.4km az=150. DJA 25 01:03:45.7±0.6, 2572S, 17994E, h445km, mb4.5/38 SZGRF 25 01:03:42.5±0.8, 2581S, 17984W, h452km, South of Fiji Islands ISCBJ 25 01:03:43.0±0.6, 2573S, 17994E, h463km, mb4.8/85 Error ellipse: s-maj=7.0km s-min=3.9km az=157.5 IDC 25 01:03:44.5±0.7, 2572S, 17997E, h466km, mb4.5/26, mb1 4.5/30, mb1mx4.5/30, mb1mx4.5/30, Error ellipse: s-maj=7.6km s-min=7.3km az=80.0 NEIC 25 01:03:45.0±0.1, 2577S, 17994E, mb4.8/53, Error ellipse: s-maj=6.2km s-min=3.8km az=155.0 BGS 25 01:03:45.7±0.6, 2575S, 17994E, h482km, mb4.8/81(NEIC) GCMT 25 01:03:45.8±0.4, 2561S, 17987W, h470km, mb4.8/81(NEIC) Moment Tensor Solution: s62, c78; Duration: 1s2 Moment tensor: Scale 10^17Nm; M1=0.36t.04; M2=0.43t.07; M3=0.06t.07; M4=0.22t.07; M5=0.50t.07; M6=1.47t.06; Best double couple: M11.60900x10^17 NP1=90.00000°, δ21.00000°, λ=164.00000°. NP2: 0=346.00000°, δ84.00000°, λ=69.00000°. Principal axes: T 1.5120, Plg36.0000°, Azm58.0000°; N 0.1930, Plg21.0000°, Azm163.0000°; P -1.7050, Plg47.0000°, Azm277.0000°. N51 refers to body waves, cutoff=40s. BUJ 25 01:03:45.7±0.5, 2571S, 17990E, h482km, mb4.9 BJA 25 01:03:44.4±0.6, 2571S, 17991E, h459km, mb4.9 ISC 25 01:03:44.4±0.6, 2571S, 17991E, h459km, mb4.9 h483km, 1.6km; pp-P, n704, 0.660/508, mb4.8/84, 164C-153D, South of Fiji Islands

25d 1h

CMB	baz=85,SNR=6.6	84.58	43	↑P	P	01 15 27.5	-0.8
CMB	comp=Z,19nm,1.1s,mb4.7	84.58	43	↑P	Pmax	01 15 27.5	-0.8
CMB	comp=Z,19nm,1.1s,mb4.8	84.58	43	↑P	P	01 15 27.9	-0.4
HELL	baz=85,SNR=11	84.61	45	↑P	P	01 15 28.0	-0.4
N02C	baz=85	84.62	40	↑P	P	01 15 28.5	+0.1
LRMC	baz=85	84.75	47	↑P	P	01 15 29.3	+0.1
KCC	baz=85,SNR=8.5	84.81	44	↑P	P	01 15 28.7	-0.7
LAVA	baz=85	84.82	42	↑P	P	01 15 29.0	-0.4
S06C	baz=85,SNR=6.8	84.82	44	↑P	P	01 15 29.5	0.0
O03C	baz=85	84.83	41	↑P	P	01 15 29.0	-0.4
RRX	baz=85,SNR=6.1	84.85	47	↑P	P	01 15 29.6	-0.1
ORV	baz=85	84.86	41	↑P	P	01 15 29.1	-0.5
WDC	baz=85,SNR=6.1	84.90	40	↑P	P	01 15 30.3	+0.5
WDC	baz=85	84.90	40	↑P	P	01 15 29.9	+0.1
BELC	baz=85,SNR=22	85.01	49	↑P	P	01 15 30.7	+0.3
CWC	baz=85	85.07	46	↑P	P	01 15 30.3	-0.4
112A	baz=85,SNR=5.6	85.14	50	↑P	P	01 15 31.6	+0.5
BC3	baz=85,SNR=7.4	85.18	49	↑P	P	01 15 31.8	+0.5
R05C	baz=85,SNR=6.3	85.19	43	↑P	P	01 15 31.3	+0.1
MPMC	baz=85,SNR=6.3	85.22	46	↑P	P	01 15 31.6	+0.2
GSC	comp=Z,28nm,1.1s,mb4.8	85.22	47	↑P	P	01 15 31.3	-0.2
GSC	comp=Z,28nm,1.1s,mb4.8	85.22	47	↑P	P	01 18 52.1	-5.3
GSC	comp=Z,28nm,1.1s,mb4.8	85.22	47	↑P	P	01 15 31.3	-0.2
GSC	comp=Z,28nm,1.1s,mb4.8	85.22	47	↑P	Pmax	01 15 32.1	+0.3
GSC	comp=Z,28nm,1.1s,mb4.8	85.22	47	↑P	P	01 15 31.4	-0.1
P05C	baz=85,SNR=16	85.24	42	↑P	P	01 15 31.3	-0.1
M02C	baz=85,SNR=6.6	85.25	39	↑P	P	01 15 31.9	+0.5
GLA	comp=Z,43nm,1.1s,mb5.0	85.26	50	↑P	P	01 15 32.0	+0.2
GLA	comp=Z,43nm,1.1s,mb5.0	85.26	50	↑P	Pmax	01 15 32.0	+0.3
GLA	comp=Z,43nm,1.1s,mb5.0	85.26	50	↑P	Pmax	01 15 32.1	+0.3
HEC	baz=85,SNR=12	85.26	48	↑P	P	01 15 31.5	-0.2
CN2	baz=85,SNR=10	85.30	324	↑P	P	01 15 31.5	-0.1
CN2	comp=Z,40nm,1.1s,mb5.0	85.30	324	↑P	P	01 18 06.3	+4.8
CN2	comp=Z,40nm,1.1s,mb5.0	85.30	324	↑P	P	01 25 21.9	-1.1
CN2	comp=Z,40nm,1.1s,mb5.0	85.30	324	↑P	P	01 31 14.3	+3.0
MTUM	comp=Z,200nm,3.0s	85.31	45	↑P	P	01 15 32.3	+0.4
R07C	baz=85	85.45	44	↑P	P	01 15 32.6	+0.1
WAKR	baz=85	85.46	43	↑P	P	01 15 33.1	+0.6
R06C	baz=85	85.47	43	↑P	P	01 15 32.5	0.0
O05C	baz=85	85.47	41	↑P	P	01 15 32.6	0.0
YBH	baz=85,SNR=14	85.55	39	↑P	P	01 15 32.9	0.0
YBH	comp=Z,4.0nm,0.6s,mb4.3,ba=146,slow=6.2,SNR=4.1	85.55	39	↑P	P	01 15 33.2	+0.3
M03C	baz=85	85.59	40	↑P	P	01 15 32.9	-0.2
O04C	baz=85	85.59	41	↑P	P	01 15 33.0	-0.1
S08C	baz=85,SNR=13	85.64	45	↑P	P	01 15 33.6	+0.1
IRM	baz=85,SNR=19	85.67	49	↑P	P	01 15 34.1	+0.4
GMRC	baz=85,SNR=10	85.68	48	↑P	P	01 15 33.5	-0.2
HATC	baz=85	85.69	41	↑P	P	01 15 33.6	0.0
BEKR	baz=85	85.74	42	↑P	P	01 15 33.9	0.0
LBCM	baz=85	85.76	41	↑P	P	01 15 34.2	+0.2
K02A	baz=85	85.78	38	↑P	P	01 15 34.3	+0.2
113A	baz=85,SNR=8.5	85.84	51	↑P	P	01 15 34.4	-0.1
GRAC	baz=85,SNR=6.4	85.86	46	↑P	P	01 15 34.5	0.0
Y12C	baz=85,SNR=5.5	85.87	50	↑P	P	01 15 34.8	+0.2
FURC	baz=85	85.88	46	↑P	P	01 15 34.7	+0.1
TUQ	baz=85,SNR=7.2	85.89	47	↑P	P	01 15 34.9	+0.2
LTIM	baz=85,SNR=6.9	85.90	40	↑P	P	01 15 35.0	+0.4
HUMO	baz=85,SNR=10	85.98	38	↑P	P	01 15 35.8	+0.9
HUMO	baz=85,SNR=5.7	85.98	38	↑P	P	01 15 35.4	+0.5
214A	baz=85	86.06	52	↑P	P	01 15 35.6	0.0
M04C	baz=85	86.08	40	↑P	P	01 15 35.6	+0.2
NVAR	comp=Z,4.0nm,0.7s,mb4.1,ba=223,slow=8.5,SNR=20	86.12	44	↑P	P	01 15 35.8	0.0
J02A	comp=Z,8.5nm,0.8s,mb4.5	86.13	38	↑P	P	01 15 36.0	+0.4
M05C	baz=85	86.21	40	↑P	P	01 15 36.3	+0.2
LDFC	baz=85	86.22	48	↑P	P	01 15 37.1	+0.8
PAHR	comp=Z,6.8nm,0.7s,mb4.4	86.23	42	↑P	P	01 15 35.6	-0.6
O06A	baz=85,SNR=8.5	86.25	42	↑P	P	01 15 36.2	0.0
Y13A	baz=87,SNR=7.2	86.38	50	↑P	P	01 15 36.7	-0.4
S09A	baz=87,SNR=5.0	86.38	45	↑P	P	01 15 36.9	-0.1
PDMCI	baz=87	86.44	49	↑P	P	01 15 37.1	-0.3
V11A	baz=87	86.45	47	↑P	P	01 15 37.4	0.0
J03A	baz=87	86.47	38	↑P	P	01 15 38.0	+0.7
M06C	baz=87	86.51	41	↑P	P	01 15 37.5	0.0
TPNV	comp=Z,6.2nm,0.6s,mb4.6	86.55	46	↑P	P	01 15 37.4	-0.4
TPNV	comp=Z,6.2nm,0.6s,mb4.6	86.55	46	↑P	P	01 17 26.3	+5.5
TPNV	comp=Z,6.2nm,0.6s,mb4.6	86.55	46	↑P	P	01 15 37.4	-0.4
TPNV	comp=Z,6.2nm,0.6s,mb4.6	86.55	46	↑P	P	01 15 38.0	+0.2
TPH	baz=87	86.59	45	↑P	P	01 15 37.2	-0.8
TPH	comp=Z,1.7nm,0.8s,mb4.8	86.59	45	↑P	P	01 15 37.2	-0.8
TPH	comp=Z,1.7nm,0.8s,mb4.8	86.59	45	↑P	P	01 15 37.2	-0.8
N06A	baz=87,SNR=7.9	86.60	41	↑P	P	01 15 38.2	+0.2
Q08A	baz=87,SNR=8.4	86.61	44	↑P	P	01 15 38.0	0.0
I03A	baz=87	86.69	37	↑P	P	01 15 38.7	+0.4
Z14A	baz=87	86.74	51	↑P	P	01 15 39.2	+0.4
V12A	baz=87	86.77	48	↑P	P	01 15 38.8	-0.1
R09A	baz=87,SNR=8.2	86.78	45	↑P	P	01 15 38.6	-0.3
X13A	baz=87	86.82	49	↑P	P	01 15 39.1	0.0

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L05A	baz=87,SNR=12	86.83	40	↑P	P	01 15 39.4	+0.4
J04A	comp=Z,19nm,1.1s,mb4.7	86.86	38	↑P	P	01 15 39.5	+0.3
115A	comp=Z,19nm,1.1s,mb4.8	86.88	51	↑P	P	01 15 39.7	+0.2
S10A	comp=Z,19nm,1.1s,mb4.8	86.90	45	↑P	P	01 15 39.3	-0.2
SHPR	baz=87,SNR=7.5	87.01	47	↑P	P	01 15 40.1	+0.1
Y14A	baz=87,SNR=9.3	87.02	50	↑P	P	01 15 40.1	+0.1
MOD	baz=87,SNR=9.3	87.05	40	↑P	P	01 15 39.5	-0.5
MOD	comp=Z,10nm,0.9s,mb4.5	87.05	40	↑P	P	01 15 40.5	+0.5
216A	baz=87,SNR=11	87.05	52	↑P	P	01 15 40.7	+0.4
I04A	baz=87,SNR=11	87.05	38	↑P	P	01 15 40.1	+0.1
PLCA	baz=87	87.06	134	↑P	P	01 15 40.4	+0.1
PLCA	comp=Z,4.5nm,0.6s,mb4.4	87.06	134	↑P	P	01 15 40.4	0.0
PLCA	comp=Z,4.0nm,0.6s,mb4.3,ba=217,slow=3.9,SNR=16	87.06	134	↑P	Pmax	01 15 40.4	+0.1
W13A	comp=Z,4.0nm,0.6s	87.06	49	↑P	P	01 15 40.5	+0.2
N07B	baz=87,SNR=9.7	87.14	42	↑P	P	01 15 40.2	-0.3
H03A	baz=87	87.14	37	↑P	P	01 15 40.7	+0.3
K05A	baz=87,SNR=7.4	87.22	39	↑P	P	01 15 41.3	+0.4
R10A	baz=87,SNR=5.6	87.30	45	↑P	P	01 15 41.4	+0.1
U12A	baz=87,SNR=7.4	87.38	47	↑P	P	01 15 41.7	0.0
J05A	baz=87,SNR=7.9	87.38	39	↑P	P	01 15 41.6	+0.1
217A	baz=87,SNR=23	87.39	53	↑P	P	01 15 42.8	+0.9
X14A	baz=87,SNR=9.0	87.39	50	↑P	P	01 15 42.2	+0.3
T11A	baz=87,SNR=12	87.39	46	↑P	P	01 15 41.7	-0.1
M07A	baz=87,SNR=9.0	87.39	41	↑P	P	01 15 41.8	+0.1
V13A	baz=87,SNR=8.7	87.42	48	↑P	P	01 15 42.1	+0.2
Y15A	baz=87,SNR=10	87.49	50	↑P	P	01 15 42.7	+0.4
GVA	baz=87,SNR=12	87.60	301	↑P	P	01 15 43.4	+0.4
GVA	comp=Z,17.3nm,1.1s,mb4.7	87.60	301	↑P	P	01 17 32.4	+6.1
GVA	comp=Z,17.3nm,1.1s,mb4.7	87.60	301	↑P	P	01 19 19.3	+2.7
GVA	comp=Z,17.3nm,1.1s,mb4.7	87.60	301	↑P	P	01 25 23.8	0.0
GVA	comp=Z,17.3nm,1.1s,mb4.7	87.60	301	↑P	P	01 25 43.3	-2.3
K06A	baz=87,SNR=17	87.64	40	↑P	P	01 15 42.7	-0.1
N08A	baz=87,SNR=11	87.65	42	↑P	P	01 15 42.3	-0.5
W14A	baz=87,SNR=8.4	87.67	49	↑P	P	01 15 43.6	+0.4
L07A	baz=87,SNR=11	87.68	41	↑P	P	01 15 43.3	+0.2
TUC	comp=Z,37nm,1.3s,mb5.0	87.70	52	↑P	P	01 15 44.0	+0.6
TUC	comp=Z,37nm,1.3s,mb5.0	87.70	52	↑P	P	01 17 32.1	+5.5
TUC	comp=Z,37nm,1.3s,mb5.0	87.70	52	↑P	P	01 15 44.0	+0.7
H04A	comp=Z,37nm,1.3s,mb5.0	87.75	37	↑P	P	01 15 42.7	-0.5
U13A	baz=87,SNR=5.5	87.75	48	↑P	P	01 15 43.6	+0.1
BK0CR	baz=87,SNR=5.7	87.75	48	↑P	P	01 15 43.6	+0.1
Z16A	baz=87,SNR=7.0	87.79	51	↑P	P	01 15 44.0	+0.2
318A	baz=87,SNR=38	87.81	54	↑P	P	01 15 44.6	+0.8
X15A	baz=87,SNR=38	87.85	50	↑P	P	01 15 44.2	+0.2
117A	baz=87,SNR=12	87.87	52	↑P	P	01 15 44.5	+0.3
V14A	baz=87,SNR=14	87.89	49	↑P	P	01 15 44.2	+0.1
M08A	baz=87,SNR=14	87.98	44	↑P	P	01 15 44.2	-0.2
BMN	baz=87,SNR=14	87.99	43				

CMAR	Chiang Mai Arr	90.08 290 P	P	01 15 55.9 +1.2
CMAR	comp-Z,13nm,0.8s,mb4.8,baz=139,slow=3.2,SNR=81	PP	PP	01 19 36.8 +0.6
A04A	Legoe Bay, Lum	90.29 34 P	P	01 15 54.7 +0.7
K11A	Parker Ranch,	90.09 41 P	P	01 15 54.5 +0.2
MSU	Marysvalle	90.10 47 eP	P	01 15 55.4 +1.1
V18A	Ganado	90.10 50 jP	P	01 15 54.1 -0.4
B05A	Bryant	90.10 35 jP	P	01 15 53.8 -0.3
N13A	Wendover, West	90.11 44 P	P	01 15 54.8 +0.4
W19A	Sanders	90.16 51 jP	P	01 15 55.1 +0.4
E07A	Sunnyside	90.20 37 jP	P	01 15 54.5 -0.1
Q15A	Fillmore	90.23 46 jP	P	01 15 55.3 +0.3
CHTO	Chiang Mai	90.24 291 jP	P	01 15 55.8 +0.3
CHTO	comp-Z,42nm,1.0s,mb5.2	PP	PP	01 15 55.8 +0.3
RSW	Rattlesnake Hi	90.24 37 eP	P	01 15 54.5 -0.3
H09A	Durke	90.26 39 jP	P	01 15 54.5 -0.5
HAWA	Hanford	90.27 37 eP	P	01 15 54.6 -0.4
L12A	House Creek Ra	90.34 42 jP	P	01 15 55.1 -0.3
I10A	Payette	90.41 40 jP	P	01 15 55.8 +0.1
M13A	Montello	90.42 43 jP	P	01 15 55.4 -0.4
U18A	Rough Rock, Ch	90.52 49 jP	P	01 15 56.0 -0.3
G09A	Cove	90.56 39 jP	P	01 15 56.5 +0.1
MF1D	Camas Ranch	90.59 41 jP	P	01 15 56.2 -0.3
ETW	Entiat	90.60 36 eP	P	01 15 55.9 -0.6
P15A	Leamington	90.61 46 eP	P	01 15 56.8 0.0
DUG	Dugway	90.61 45 eP	P	01 15 56.2 -0.5
DUG	comp-Z,3.3nm,1.1s,mb4.2	PP	PP	01 15 56.2 -0.5
DUG	comp-Z,3.0nm,1.1s,mb4.1	PP	PP	01 15 56.3 -0.4
K12A	Draper Farm, C	90.69 42 P	P	01 15 57.4 +0.4
V19A	Window Rock	90.72 50 jP	P	01 15 56.8 -0.5
H10A	Noah's Angus R	90.74 40 P	P	01 15 56.7 -0.5
N14A	Grayback Hills	90.74 44 jP	P	01 15 56.9 -0.4
C07A	Waterville	90.80 36 jP	P	01 15 57.1 -0.3
H11A	Placerville	90.80 41 P	P	01 15 57.5 +0.1
O15A	The Old Anders	90.88 45 jP	P	01 15 58.0 +0.1
T18A	Mexican Hat	90.89 49 P	P	01 15 58.3 +0.2
J12A	Stokes Ranch	90.93 41 jP	P	01 15 58.1 +0.1
G10A	Bishop Farm, J	90.94 39 jP	P	01 15 57.4 -0.7
NLU	North Lily Min	90.95 45 eP	P	01 15 58.8 +0.5
L13A	Doble Diamond	90.96 43 jP	P	01 15 58.7 +0.4
Q16A	Castle Valley	90.98 47 jP	P	01 15 58.8 +0.4
M14A	Sheep Mountain	91.00 44 jP	P	01 15 58.6 +0.1
R17A	Hanksville Air	91.01 47 jP	P	01 15 58.1 -0.5
SEY	Seymour	91.03 348 eP	P	01 15 57.1 -0.9
P16A	Fountain Green	91.03 46 jP	P	01 15 58.7 0.0
TMUT	Trail Mountain	91.16 46 jP	P	01 15 59.4 +0.1
K13A	Stover Farm, H	91.20 42 jP	P	01 15 59.9 +0.4
H11A	Donnelly	91.23 40 jP	P	01 15 59.1 -0.4
B07A	Whitrop	91.25 35 jP	P	01 15 58.8 -0.6
MPU	Maple Canyon	91.27 46 eP	P	01 16 00.2 +0.4
F10A	Beach Ranch, F	91.29 38 P	P	01 15 59.2 -0.5
OD2	Odessa Site #2	91.33 37 eP	P	01 15 59.4 -0.4
D03A	Jones Farm, Ri	91.35 37 jP	P	01 15 59.9 -0.1
L14A	Malta	91.37 43 jP	P	01 16 00.1 0.0
LAZ	Ladron	91.39 52 eP	P	01 16 00.9 +0.5
LAZ	comp-Z,6.3nm,0.8s,mb4.6,baz=212,slow=6.7,SNR=78	PP	PP	01 17 49.8 +5.5
TXAR	Lajitas Array	91.47 58 P	P	01 16 00.9 0.0
TXAR	comp-Z,0.4nm,0.8s,baz=220,slow=7.5,SNR=3.9	PP	PP	01 19 42.8 -4.2
TXAR	comp-Z,0.4nm,0.8s,baz=220,slow=7.5,SNR=3.9	PP	PP	01 33 17.9 -1.3
TXAR	Lajitas Array	91.47 58 P	P	01 16 00.9 0.0
TXAR	Ashnola River,	91.48 35 jP	P	01 19 42.8
A07A	Walters Elk Ra	91.49 39 jP	P	01 16 00.0 -0.2
G11A	Bosha	91.49 39 jP	P	01 16 00.0 -0.2
SRU	San Rafael	91.51 47 eP	P	01 16 00.4 -0.5
SRU	comp-Z,7.0nm,0.8s,mb4.6	PP	PP	01 17 49.8 +5.0
SRU	San Rafael	91.51 47 eP	P	01 16 00.4 -0.5
SRU	comp-Z,7.0nm,0.8s,mb4.6	PP	PP	01 16 01.1 +0.3
HLID	Hailey	91.52 42 jP	P	01 16 00.5 -0.3
HLID	comp-Z,13nm,1.4s,mb4.7	PP	PP	01 16 01.1 +0.3
HLID	Hailey	91.52 42 jP	P	01 16 01.1 +0.3
HVU	Hansel Valley	91.52 44 eP	P	01 16 01.2 +0.4
R18A	Canyonlands Na	91.54 48 P	P	01 16 01.1 +0.1
M15A	Larsen Ranch,	91.55 44 jP	P	01 16 00.8 -0.2
J13A	Cove Ranch, Pi	91.56 42 P	P	01 16 01.1 +0.1
B08A	Colville Reser	91.59 36 jP	P	01 16 00.0 -1.0
BNN	Barren Site	91.63 53 eP	P	01 16 01.6 +0.1
BNN	BNN	91.63 53 eP	P	01 17 50.1 +4.7
HHC	Hu-ho-hao-te	91.65 315 eP	P	01 16 01.8 +0.3
HHC	HHC	91.65 315 eP	P	01 17 50.3 +4.9
HHC	HHC	91.65 315 eP	P	01 19 37.6 +5.4
HHC	HHC	91.65 315 eP	P	01 19 51.0 +2.9
HHC	HHC	91.65 315 eP	P	01 25 47.9
HHC	HHC	91.65 315 eP	P	01 26 22.8 +1.1
HHC	HHC	91.65 315 eP	P	01 29 30.8 +3.1
HHC	HHC	91.65 315 eP	P	01 32 45.3 +2.6
HHC	comp-Z,15nm,1.1s,mb4.8	PP	PP	01 32 45.3 +2.6

TRF	Thorofore Moun	91.95 13 eP	P	01 16 00.7 -1.6
M16A	Huntsville	91.98 45 P	P	01 16 03.0 0.0
A08A	Turkey Farm, O	91.99 35 jP	P	01 16 02.7 -0.1
CD2	Chengdu	92.01 303 P	P	01 16 04.6 +1.2
CD2	CD2	92.01 303 P	P	01 17 52.5 +5.2
CD2	CD2	92.01 303 P	P	01 18 40.3 +6.2
CD2	CD2	92.01 303 P	P	01 25 48.7 +4.2
CD2	CD2	92.01 303 P	P	01 26 23.6 -1.7
CD2	comp-Z,80nm,0.9s,mb5.7	PP	PP	01 26 23.6 -1.7
ANMO	Albuquerque	92.14 52 eP	P	01 16 03.4 -0.5
ANMO	comp-Z,3.2nm,0.9s,mb4.2	PP	PP	01 17 52.4 +4.6
ANMO	Albuquerque	92.14 52 eP	P	01 16 03.4 -0.5
B09A	Rice	92.26 36 jP	P	01 16 03.3 -0.8
F12A	Elk City	92.28 39 P	P	01 16 03.9 -0.3
N17A	Moffitt Pass	92.28 45 jP	P	01 16 04.5 +0.2
PV01	Paradox Valley	92.30 48 eP	P	01 16 04.0 -0.6
GDL2	Guadalupe Moun	92.32 55 eP	P	01 16 05.1 +0.4
L16A	Fish Haven	92.38 44 jP	P	01 16 05.1 -0.2
G13A	Cobalt	92.49 40 jP	P	01 16 04.9 -0.3
K16A	Soda Springs	92.83 43 jP	P	01 16 07.4 +0.6
F13A	Darby	92.83 40 jP	P	01 16 06.5 -0.3
MCMT	McKenzie Canyo	93.16 41 eP	P	01 16 08.3 0.0
G15A	Dillon	93.56 41 jP	P	01 16 09.8 -0.4
SMCO	Snowmass	93.90 48 eP	P	01 16 11.1 -0.8
TRQ	Torinquit	94.05 136 eP	P	01 16 12.3 -0.5
BW06	Boulder Array	94.06 44 eP	P	01 16 11.5 -1.0
PDAR	Pinedale Array	94.06 44 P	P	01 16 11.6 -0.9
PDAR	comp-Z,1.6nm,0.9s,mb4.0,baz=207,slow=3.0,SNR=11	PP	PP	01 20 00.3 -6.5
PDAR	Pinedale Array	94.06 44 P	P	01 16 11.6 -0.9
SDCO	Great Sand Dun	94.20 50 eP	P	01 16 12.2 -1.0
C14A	Swan Lake	94.28 38 jP	P	01 16 12.9 -0.4
BOZ	Bozeman (W)	94.33 41 eP	P	01 16 13.1 -0.5
BOZ	Bozeman (W)	94.33 41 eP	P	01 16 13.1 -0.5
BOZ	Bozeman (W)	94.33 41 eP	P	01 16 13.2 -0.4
LZH	Lanzhou	94.43 308 eP	P	01 16 15.3 +1.0
LZH	LZH	94.43 308 eP	P	01 18 05.0 +5.3
LZH	LZH	94.43 308 eP	P	01 20 09.5 -0.2
LZH	LZH	94.43 308 eP	P	01 26 05.0
LZH	LZH	94.43 308 eP	P	01 26 49.1 +2.9
LZH	comp-Z,16nm,1.0s,mb5.0	PP	PP	01 26 49.1 +2.9
ISCO	Idaho Springs	95.12 48 eP	P	01 16 16.9 -0.5
ISCO	Idaho Springs	95.12 48 eP	P	01 16 16.9 -0.5
SOMM	Songino Array	98.42 319 P	P	01 16 31.1 -1.1
SOMM	comp-Z,1.3nm,0.8s,baz=156,slow=4.3,SNR=5.3	PP	PP	01 20 35.7 -4.2
SOMM	Songino Array	98.42 319 P	P	01 32 59.6 -2.0
SOMM	comp-Z,0.2nm,0.3s,baz=139,slow=5.1,SNR=4.1	PP	PP	01 32 59.6 -2.0
SOMM	Songino Array	98.42 319 P	P	01 16 31.1 -1.1
SOMM	SOMM	98.42 319 P	P	01 20 35.7
GTA	Goatli	98.78 309 eP	P	01 16 34.5 +0.7
GTA	GTA	98.78 309 eP	P	01 27 28.0 +5.0
ZALV	Zalesovo Beam	113.30 320 PKIKP	PKIKP	01 21 27.3 -1.3
ZAL	Zalesovo	113.31 320 PKIKP	PKIKP	01 21 27.3 -1.3
MKAR	Makanchi Array	113.32 312 P	P	01 17 41.1 +2.7
MKAR	comp-Z,0.4nm,0.7s,baz=93,slow=7.3,SNR=3.3	PP	PP	01 21 27.2 -1.7
MKAR	Makanchi Array	113.32 312 P	P	01 22 26.7 -1.6
MKAR	comp-Z,0.3nm,0.3s,baz=86,slow=3.0,SNR=4.0	PP	PP	01 32 14.9 -1.1
NVS	Novosibirsk	114.38 321 jP	PKIKP	01 21 28.8 -1.9
KURK	Kurchatov	116.45 316 ePKP	PKP	01 21 33.0 -1.8
TKM2	Tokmak 2	117.17 307 ePKP	PKP	01 21 35.0 -1.4
AML	Almayashu	118.42 306 ePKP	PKP	01 21 38.1 -0.7
AML	AML	118.42 306 ePKP	PKP	01 24 29.3 -0.9
EKS2	Erkin-Say	118.44 306 ePKP	PKP	01 21 38.0 -0.9
EKS2	EKS2	118.44 306 ePKP	PKP	01 24 29.3 -0.9
SUR	Sutherland	118.87 200 ePKP	PKP	01 21 40.1 -0.1
KBL	Kabul	120.79 296 ePKP	PKP	01 21 42.0 -1.0
BOSA	Bosha	120.79 296 ePKP	PKP	01 21 43.0 -0.8
BOSA	comp-Z,4.1nm,0.8s,baz=144,slow=7.2,SNR=8.5	PP	PP	01 21 43.8 -0.1
BVAR	Borovoye Array	121.74 318 PKP	PKP	01 21 42.8 -2.1
BVAR	comp-Z,7.9nm,0.6s,baz=96,slow=8.9,SNR=4.5	PP	PP	01 23 21.3 -4.6
BRVK	Borovoye	121.81 318 ePKP	PKP	01 21 43.5 -1.5
LBTT	Lobatse	123.77 208 ePKP	PKP	01 24 34.3 -0.5
SCHO	Schefferville	123.93 40 PKP	PKP	01 21 47.0 -2.0
KBS	Kingsbay	126.45 357 jPKIP	PKIP	01 21 51.8 -1.5
SP4	Spitsbergen Ar	126.93 356 ePKP	PKP	01 21 53.0 -1.2
ARU	Arti	128.29 323 ePKP	PKP	01 21 56.3 -1.0
ARU	Arti	128.29 323 jPKIP	PKIP	01 21 55.5 -1.8
ARU	ARU	128.29 323 ePKP	PKP	01 24 06.2
LSZ	Lusaka	130.81 217 ePKP	PKP	01 22 02.9 -0.5
LSZ	LSZ	130.81 217 eSKP	SKP	01 24 43.2
LSZ	Lusaka	130.81 217 SKPbc	SKPbc	01 24 43.5 -0.7
TSUM	Tsumeb	132.15 203 ePKP	PKP	01 22 05.9 +0.1
KEV	Kevo	133.18 347 eP	P	01 21 59.5 -6.7
ARCS	ARCES	133.65 348 PKP	PKP	01 22 05.5 -1.6
ARCS	comp-Z,4.9nm,0.5s,baz=68,slow=11.5,SNR=20	PP	PP	01 24 50.9 -1.3
ARCS	ARCES	133.65 348 PKP	PKP	01 22 12.0 +0.4
KMBO	Kilima Mbogo	135.11 239 PKP	PKP	01 22 11.9 +0.3
KMBO	comp-Z,6.9nm,0.9s,baz=238,slow=1.0,SNR=3.8	PP	PP	01 22 05.7 -5.6
KLMR	Klimovskoe	135.78 333 ePKIP	PKIP	01 24 56.9
JOF	Joensuu	137.41 339 eP	PKP	01 22 03.5 -1.1
QRN	Al-Qurain	137.43 285 eP	PKP	01 22 15.2 -0.1
QRN	comp-Z,2.7nm,0.4s	PP	PP	01 22 17.4
UMR	Umm Al-Rimmam	137.70 286 eP	PKP	01 22 15.5 -0.4
UMR	comp-Z,4.8nm,1.1s,baz=286	PP	PP	01 22 17.8
PDF				

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

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

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

ISC/JB 25 01:06:14.1 ± 1.0, 3714N, 004.12228E, 0.05, h3km, 9km, mb3.9/7, Error ellipse: s-maj=7.2km s-min=5.9km az=135.4

ISC/JB 25 01:06:15.7 ± 1.2, 3695N, 12207E, h0km, mb3.8/3, mb1.3/6, mb1mx3.7/23, mbtrmp3.9/6, ML3.8/3, MS4.5/1, Ms1.4/3.1, ms1mx2.7/33, Error ellipse: s-maj=29.6km

ISC/JB 25 01:19:28.7 ± 1.0, 1096N, 9164E, h0km, mb4.0/10, mb1.4/11, mb1mx3.9/23, mbtrmp3.9/11, ML4.7/1, Error ellipse: s-maj=36.1km s-min=19.5km az=58.0

AVNT iS Sg 01 29 02.6 -1.6

BUI 25 01:41:31.8, 1555S:168.19E, h200km, mb4.9, mb4.8
ISCJB 25 01:41:32.6, 1.3, 1586S:005:167.85E, 0.07, h20km, 11km,
mb4.8/47, Error ellipse: s-maj=11.2km s-min=8.0km
az=159.3
IDC 25 01:41:32.1, 1.6, 1584S:167.86E, h184km, 13km, mb4.3/13,
mb1.4/5.16, mb1mx4.4/21, mbtmp4.4/16, MS4.0/4,
Ms1.4/0.4, ms1mx3.4/29, Error ellipse: s-maj=14.6km
s-min=9.5km az=65.0
NEIC 25 01:41:33.9, 1.3, 1582S:167.82E, h200km, 11km, mb5.1/28,
Error ellipse: s-maj=8.1km s-min=7.0km az=56.0
GCMT 25 01:41:33.9, 0.2, 1575S:167.82E, h188km, 11km, MW5.3/86,
Moment Tensor Solution: s58,c85; s86,c156; Duration:
1s0 Moment tensor: Scale 10^17Nm; Mrr-0.42; .02;
Mss-0.57; .02; Best double couple: Mo0.946000x10^17
NP1.7b275.00000, s27.00000, l-37.00000, NP2:
e0.39.00000, s74.00000, l-112.00000, Principal axes:
T 1.0350, Plg25.0000, Azm147.0000, N -0.1790,
Plg22.0000, Azm46.0000, P -0.8570, Plg56.0000,
Azm281.0000, nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
DJA 25 01:41:42.16, 17S:167.52E, h251km, mb5.4/27
ISC 25 01:41:33.6: 1.2, 1584S:005:167.84E, 0.07, h197km, 10km,
h203km, 4.0km; p-P, n113, c086/78, mb4.8/47, 2C-2D,

Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Honiara, Raoul Island, Afi Alfiama, etc.

Main table with columns: GYA, SCS, ScS, 02 02 27.8 -2.3. Includes stations like South Pole, Xian, Kunming, Chiang Mai, etc.

comp=Z,1.9nm,0.2s

ISCJB 25 01:45:24.8, 0.6, 3512S:003:70.35W, 0.05, h10km, Error
ellipse: s-maj=5.9km s-min=3.8km az=23.4
GUC 25 01:45:25.0, 0.5, 3512S:70.37W, h11km, 3km, MD3.9,
ML3.4
NEIC 25 01:45:25.0, 3512S:70.37W, h11km, ML3.4(GUC), After
GUC
IDC 25 01:45:27.4, 1.5, 3514S:68.92W, h0km, mb3.5/2, mb1.3/7.5,
mb1mx3.6/18, mbtmp3.6/5, ML3.1/4, MS3.0/1, Ms1.3/0.1,
ms1mx2.4/19, Error ellipse: s-maj=77.6km s-min=13.2km
az=100.0
ISC 25 01:45:25.6: 0.6, 3509S:003:70.37W, 0.04, h10km, n27,
c124/43, 7C-2D, Chile-Argentina border region

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

ISCJB 25 01:46:17.1, 0.9, 3931N:004:20.3E, 0.1, h6km, 10km, Error
ellipse: s-maj=15.1km s-min=6.5km az=9.6
ATH 25 01:46:17.1, 3925N:20.26E, h8km, 5km, MD3.4/6
THE 25 01:46:17.4, 3925N:20.27E, h0km, M3.0
NEIC 25 01:46:17.1, 3925N:20.26E, h8km, MD3.4(ATH), After
ATH
CSEM 25 01:46:17.3, 0.3, 3931N:20.24E, h1km, 2km, ML3.0, Error
ellipse: s-maj=5.3km s-min=3.7km az=73.0
ISC 25 01:46:17.6: 0.9, 3932N:004:20.2E, 0.1, h10km, 8km, n15,
c1508/21, 1C-2D, Greece-Albania border region

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

IDC 25 01:58:31.1, 0.9, 4702N:152.82E, h0km, mb3.6/8,
mb1.3/9.10, mb1mx3.7/22, mbtmp3.6/10, ML3.6/1, Error
ellipse: s-maj=29.2km s-min=20.8km az=140.0
NEIC 25 01:58:32.0, 0.5, 4701N:152.77E, h10km, mb3.9/3, Error
ellipse: s-maj=17.2km s-min=9.4km az=143.0
ISCJB 25 01:58:36.2, 1.3, 4701N:152.8E, 0.2, h49km, 12km,
mb3.7/11, Error ellipse: s-maj=24.0km s-min=9.7km
az=137.8
MOS 25 01:58:37.4: 1.8, 4689N:152.83E, h67km, mb4.0/5, Error
ellipse: s-maj=20.4km s-min=11.3km az=55.7
ISC 25 01:58:37.1: 1.2, 471N:01:1528E, 0.2, h40km, 11km, n30,
c085/30, mb3.7/11, 1D, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, MJAR Matsushiro Arr, KRSR Korea Array, etc.

ISCJB 25 02:08:04.6:2.8, 1841N, 146.00E, h73km, 24km, Error ellipse: s-maj=41.6km s-min=13.5km az=176.1

IDC 25 02:08:05.6:3.8, 1841N, 146.44E, h70km, 33km, mb3.4/9, mb1 3.6/11, mb1mx3.5/22, mbtmp3.5/11, ML4.1/2, MS3.4/8, Ms1 3.4/8, ms1mx3.2/20, Error ellipse: s-maj=41.8km s-min=14.7km az=84.0

NEIC 25 02:08:06.1:9.1, 1839N, 146.46E, h80km, 16km, mb3.8/1, Error ellipse: s-maj=28.0km s-min=9.9km az=85.0

ISC 25 02:08:05.1:2.5, 1843N, 146.165E, h66km, 21km, n20, a=95B16, mb3.6/11, Mariana Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, ARE Arequipa, LVC Limon Verde, etc.

ISCJB 25 02:25:03.4:1.3, 3931N, 004.2011E, 007, h2km, 8km, Error ellipse: s-maj=9.1km s-min=6.1km az=162.5

THE 25 02:25:03.5, 3932N, 2005E, h3km, ML2.6

CSEM 25 02:25:06.4:0.2, 3934N, 2031E, h8km, ML2.6, Error ellipse: s-maj=5.1km s-min=3.5km az=43.0

ATH 25 02:25:06.0, 3929N, 2030E, h16km, 10km, MD3.2/5

NEIC 25 02:25:06.0, 3929N, 2030E, h16km, MD3.2(ATH), After ATH

ISC 25 02:25:05.9:0.8, 3931N, 004.2024E, h8km, 8km, n11, a=124/18, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

NEIC 25 02:29:09.9, 1698N, 9947W, h15km, MD3.8(MEX), After MEX

MEX 25 02:29:09.7, 1699N, 9946W, h12km, 6km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

IDC 25 02:36:45.4:0.9, 289S, 141.36E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.8/16, mbtmp3.8/7, ML3.8/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/24, Error ellipse: s-maj=40.6km s-min=19.7km az=94.0

NEIC 25 02:36:47.1:0.6, 285S, 141.36E, h10km, mb3.9/2, Error ellipse: s-maj=25.0km s-min=10.0km az=102.0

ISCJB 25 02:36:53.3:3.1, 30S, 01x141.2E, h74km, 34km, mb3.5/6, Error ellipse: s-maj=55.6km s-min=13.3km az=12.6

ISC 25 02:36:54.4:2.7, 30S, 01x141.2E, h69km, 30km, n14, a=050/11, mb3.5/6, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, CTA Charters Tower, WB2 Warramunga Arr, etc.

ISCJB 25 02:40:34.4:0.7, 1814S, 006.6952W, h152km, 9km, mb3.8/2, Error ellipse: s-maj=11.4km s-min=10.3km

NEIC 25 02:40:34.8:0.9, 1822S, 69.52W, h142km, 11km, mb3.8/1, Error ellipse: s-maj=16.1km s-min=13.3km az=195.0

IDC 25 02:40:36.1:1.4, 1800S, 69.49W, h148km, 9km, mb3.9/2, mb1 3.6/6, mb1mx3.4/21, mbtmp3.7/6, Error ellipse: s-maj=27.2km s-min=10.7km az=103.0

ISC 25 02:40:34.6:0.7, 1824S, 006.6951W, h138km, 10km, n13, a=089/19, mb3.8/2, 1C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, ARE Arequipa, LVC Limon Verde, etc.

DJA 25 02:52:39.947S, 11537E, h17km, ML3.4/2

IDC 25 02:52:29.7:4.2, 906S, 11547E, h0km, mb3.0/3, mb1 3.3/3, s-maj=284.3km s-min=27.7km az=48.0, South of Bali

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

IDC 25 03:10:50.9:3.8, 5453S, 13186W, h0km, mb4.3/3, mb1 4.4/3, mb1mx3.8/15, mbtmp4.3/3, Error ellipse: s-maj=170.8km s-min=38.2km az=22.0, Pacific-Antarctic Ridge

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

CASC 25 03:11:34.0:1.9, 1291N, 8910W, h36km, 4km, MD4.2, ML4.7, 2D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LFRS El Faro, SNVI San Vicente, LCBS La Ceiba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBRS Las Brisas, BOQS Boqueron, YSM San Miguel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNJE San Jose, RTR El Retiro, CAHU Cacacuatque, etc.

ISCJB 25 03:14:35.8:0.9, 488S, 01x106.8E, h10km, mb4.1/6, MS3.7/5, Error ellipse: s-maj=36.4km s-min=18.0km az=17.3

IDC 25 03:14:36.3:1.3, 487S, 106.77E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.9/14, mbtmp3.9/5, MS3.6/6, Ms1 3.6/6, ms1mx3.4/22, Error ellipse: s-maj=47.4km s-min=26.6km az=90.0

NEIC 25 03:14:37.9:0.6, 487S, 106.77E, h10km, mb4.1/2, Error ellipse: s-maj=28.0km s-min=14.1km az=106.0

ISC 25 03:14:37.8:0.9, 488S, 01x106.8E, h10km, n15, a=038/7, mb4.1/6, MS3.7/5, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAW Mawson, ASAR Alice Springs, VDA Vanda, etc.

CSEM 25 03:27:54.8:0.1, 4070N, 422.7E, h2km, MD3.4, Error ellipse: s-maj=2.6km s-min=1.6km az=20.0

ISK 25 03:27:54.9, 4070N, 422.6E, h5km, MD3.4, TIF 25 03:27:55.6, 4062N, 422.5E, h12km, 3km

ISCJB 25 03:27:56.5:0.4, 4069N, 003.4223E, h10km, Error ellipse: s-maj=4.8km s-min=3.2km az=154.9

ISC 25 03:27:57.0:0.4, 4068N, 003.4224E, h10km, n21, a=085/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARS Kars, BCS Borcka, ERZM Erzurum, etc.

IDC 25 03:20:24.6:16.0, 131S, 12702E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.5/18, mbtmp3.5/4, ML3.5/2, MS3.7/1, Ms1 3.7/1, ms1mx2.7/29, Error ellipse: s-maj=253.2km s-min=107.2km az=144.0, Halmahera

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

IDC 25 03:34:33.3:0.8, 3017N, 89.21E, h0km, mb3.8/10, mb1 3.9/11, mb1mx3.8/23, mbtmp3.7/11, ML3.5/1, Error ellipse: s-maj=28.8km s-min=18.1km az=60.0

NEIC 25 03:34:34.9:0.6, 3012N, 89.31E, h10km, mb3.8/3, Error ellipse: s-maj=14.6km s-min=10.7km az=216.0

MOS 25 03:34:36.6:0.9, 3016N, 89.22E, h34km, mb4.1/9, Error ellipse: s-maj=22.1km s-min=13.2km az=109.9

ISCJB 25 03:34:38.0:1.7, 3019N, 010.894E, h46km, 17km,

25d 8h

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

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

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

ISC 25 07:33:06.31, 5.268S:141.34E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.7/17, mbtmp3.7/5, ML3.8/1, Error ellipse: s-maj=50.6km s-min=24.7km az=96.0

ISC 25 07:33:11.1, 5.0, 2.9S:02:141.52E, h10km, mb3.9/1, Error ellipse: s-maj=25.2km s-min=14.0km az=95.0

ISC 25 07:33:14.1, 3.4, 2.9S:02:141.5E, h66km, 34km, n12, o52/11, mb3.5/4, Near north coast of New Guinea

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

ISC 25 07:39:54.0, 39.0, 19.28S:168.55E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/17, mbtmp3.8/4, ML3.0/1, MS3.4/1, MS1.3/3, ms1mx2.8/27, Error ellipse: s-maj=67.4km s-min=109.2km az=78.0, Vanuatu

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

ISC 25 07:52:35.5, 4.1, 4.83S:123.92E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.9/17, mbtmp3.8/4, ML3.0/1, MS3.4/1, MS1.3/3, ms1mx2.8/27, Error ellipse: s-maj=162.3km s-min=23.4km az=63.0

ISC 25 07:52:36.1, 0.1, 4.85S:123.96E, h10km, Error ellipse: s-maj=27.3km s-min=14.3km az=46.0

ISC 25 07:52:36.0, 5.4, 4.8S:01:123.87E, h0km, 36km, n6, a190/8, mb4.0/3, 1C, Banda Sea

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

CSEM 25 07:53:48.6, 0.3, 51.60N:160.9E, h1km, ML3.2/5, Error ellipse: s-maj=5.3km s-min=2.5km az=35.0

PRU 25 07:53:49.5, 51.55N:160.5E, h0km, Error ellipse: s-maj=49.5km s-min=2.9km az=31.0

WAR 25 07:53:50.1, 51.55N:160.2E, ML2.6, Mining Induced

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

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

ISC 25 07:57:49.2, 1.0, 24.11S:007:66.8W, h02, h194km, 25km, Error ellipse: s-maj=32.6km s-min=11.6km az=0.9

NEIC 25 07:57:50.0, 1.1, 24.13S:66.54W, h149km, 57km, Error ellipse: s-maj=43.8km s-min=13.5km az=97.0

ISC 25 07:57:49.4, 1.2, 24.15S:66.80W, h184km, 31km, mb3.0/1, mb1 3.1/5, mb1mx3.0/19, mbtmp3.0/5, Error ellipse: s-maj=37.0km s-min=14.0km az=91.0

ISC 25 07:57:50.4, 1.0, 24.07S:008:66.8W, h188km, 25km, n9, o59/11, Salta Province

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

WEL 25 08:06:07.5, 0.4, 41.30S:172.57E, h189km, 3km, ML3.5/9, Error ellipse: s-maj=2.7km s-min=2.1km az=90.0, South Island

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

ISC 25 08:08:25.9, 6.4, 2.8S:01:140.7E, h03km, 54km, mb3.4/3, Error ellipse: s-maj=44.2km s-min=17.2km az=18.3

ISC 25 08:08:25.0, 3.5, 2.75S:140.38E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.5/15, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=110.0km s-min=27.0km az=94.0

NEIC 25 08:08:27.8, 1.9, 5.28S:140.83E, h35km, mb3.6/2, Error ellipse: s-maj=42.0km s-min=14.2km az=87.0

ISC 25 08:08:27.3, 2.0, 2.6S:01:140.08E, h30km, 58km, n8, o54/9, mb3.4/3, Near north coast of Irian Jaya

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

ISC 25 08:15:46.2, 1.1, 1.789N:006:119.22E, h03km, mb3.4/2, Error ellipse: s-maj=10.7km s-min=7.8km az=24.3

MAN 25 08:15:46, 1.786N:119.22E, h32km, mb4.5, ML3.4, MS3.2

ISC 25 08:15:48.1, 6.3, 1.775N:120.90E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/20, mbtmp3.4/3, Error ellipse: s-maj=312.6km s-min=30.0km az=91.0

ISC 25 08:15:48.0, 1.1, 1.787N:006:119.22E, h03km, n11, o59/16, mb3.4/2, 1C-2D, Philippine Islands Region

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

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MORF Marletele, PBEJ Beja, PESTR Estremoz, etc.

DJA 25 11:21:39, 420S, 12427E, h33km, ML4, 1/3
IDC 25 11:21:41.2, 1.1, 446S, 12456E, h0km, mb3.9, 5, mb1 4, 1/8,
mb1mx3.9/19, mbtmp3.9, ML3.4/3, MS3.3/1, MS1 3/3,
ms1mx2.5/24, Error ellipse: s-maj=66.7km s-min=17.9km
az=70.0
NEIC 25 11:21:43.0, 0.8, 483S, 12396E, h15km, mb4.0/1, Error
ellipse: s-maj=29.4km s-min=12.1km az=49.0
ISCJB 25 11:21:44.0, 0.8, 477S, 12384E, 0.07, h33km, mb3.9/5,
Error ellipse: s-maj=14.3km s-min=7.7km az=33.4
ISC 25 11:21:46.0, 0.8, 474S, 12382E, 0.07, h35km, n12,
r=15/13, mb3.9/5, 1C, Banda Sea

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kappang, BATI Baumata, FITZ Fitzroy Crossi, etc.

TRN 25 12:09:57.2, 1658N, 6113W, h28km, MD3.5, M3.5(FDF)
NEIC 25 12:09:58.1, 1664N, 6101W, h17km, MD3.4(FDF),
MD3.4(TRN), 2C-2D, Azter FDF, Leeward Islands
Code Station Name Az AzT Phase ID Time Res ISC h m s ISC

IDC 25 12:59:29.7, 9.7, 1763S, 17862W, h456km, 116km,
mb3.1/7, mb1 3.4/7, mb1mx3.2/18, mbtmp3.1/7, Error
ellipse: s-maj=42.9km s-min=24.0km az=14.0, Fiji
Islands region
Code Station Name Az AzT Phase ID Time Res ISC h m s ISC

ISCJB 25 13:01:05.3, 0.6, 616S, 1007.10271E, 0.07, h37km,
mb4.2/17, MS3.2/2, Error ellipse: s-maj=12.0km
s-min=7.6km az=142.2
NEIC 25 13:01:07.0, 0.4, 616S, 10282E, mb4.3/5, Error ellipse:
s-maj=15.3km s-min=7.1km az=57.0
IDC 25 13:01:07.0, 0.7, 614S, 10284E, h37km, 4km, mb4.0/13,
mb1 4, 1/13, mb1mx4.0/22, mbtmp4.0/13, MS3.2/2,
Ms1 3/2, ms1mx2.9/26, Error ellipse: s-maj=24.7km
s-min=10.5km az=59.0
DJA 25 13:01:12, 589S, 10230E, h33km, ML4.5/4
ISC 25 13:01:07.0, 0.6, 616S, 1007.10271E, 0.08, h39km,
h39km, 1, 6km, pP, 2, 7, 0.90/26, mb4.2/17, MS3.2/2,
Southwest of Sumatra

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSI Kapahiang, BLSI Banda Lampung, DBJI Dramaga, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, MATP Matopo, etc.

ISCJB 25 13:13:17.7, 3.3, 181N, 0.1, 1472E, 0.2, h64km, 29km,
mb3.5/5, Error ellipse: s-maj=38.0km s-min=16.7km
az=1.5
NEIC 25 13:13:19.0, 2.5, 1798N, 14724E, h61km, 23km, Error
ellipse: s-maj=62.3km s-min=15.5km az=90.0
IDC 25 13:13:19.4, 0.4, 1804N, 14719E, h17km, 36km, mb3.2/6,
mb1 3.5/7, mb1mx3.3/21, mbtmp3.3/7, ML3.1/MS2.92,
Ms1 2.9/2, ms1mx2.5/17, Error ellipse: s-maj=36.4km
s-min=17.5km az=88.0
ISC 25 13:13:19.8, 2.9, 180N, 0.1, 1472E, 0.2, h69km, 26km, n8,
0.6/10, mb3.4/5, Mariana Islands region

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Arr, KSRs Kura Zlata, etc.

ISCJB 25 13:27:21.0, 0.7, 4589N, 0.04, 2061E, 0.04, h10km, Error
ellipse: s-maj=6.4km s-min=4.1km az=169.4
BEO 25 13:27:21.5, 0.6, 4596N, 2065E, ML1.8/4
BUC 25 13:27:22.1, 1.5, 4581N, 2068E, h20km, MD2.8/2, Error
ellipse: s-maj=12.9km s-min=7.1km az=83.0
ISC 25 13:27:21.0, 1.2, 4595N, 0.06, 2065E, 0.05, h0km, 11km, n7,
0.6/17, 4C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BZS Buzias, FGSL Fruska Gora, PKSM Moragy, etc.

GUC 25 13:31:42.2, 0.7, 3171S, 7176W, h30km, 10km, MD3.5,
ML2.6, 1C-1D, Near coast of central Chile
Code Station Name Az AzT Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JACH Jahuel, ROCH El Roble, PEL Peldehue, etc.

ISCJB 25 13:33:48.5, 0.6, 4516N, 0.03, 1484E, 0.05, h8km, 5km,
Error ellipse: s-maj=6.1km s-min=4.4km az=170.8
CSEM 25 13:33:48.0, 1.1, 4517N, 1486E, h20km, ML2.0, Error
ellipse: s-maj=2.3km s-min=2.1km az=59.0
VIE 25 13:33:48.6, 0.3, 4517N, 1488E, h11km, 1km, mb1.9/2,
ML2.8/1, Error ellipse: s-maj=2.0km s-min=1.3km
az=166.0
ISC 25 13:33:49.1, 0.6, 4515N, 0.03, 1485E, 0.05, h11km, 5km, n19,
0.6/14, 0C-13D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOJS Bojanci, KNDS Knezi Dol, NVLJ Novalja, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Hurst Farm, Canyonlands, Rough Rock, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like Altintas, Gediz, Suhut-Afyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like Resadiye-TOKAT, Karacayir, Erzurum, etc.

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

ISCJB 26 02:29:19.7-0.6, 24225-004:6704W-007, h168km, 5km, mb3.8/20, Error ellipse: s-maj=11.3km s-min=6.3km az=165.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC, LCO, CFAA, LPAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARE, CPUP, SIV, TRQA, PLCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDFB, VNA1, SNA, SNA, SNA, SNA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCT, MIAR, TXAR, WMOK, ANMO, TUC, SDCO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PV01, SYO, VNA, CCUT, ARUT, RSSD, TOAD, TORD, TORD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BW06, PDAR, ULM, ULM, LOHW, TPW, ELK, NVAR, HLID, MCMT, BOSA, BOSA, BOSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, ZALV, MKAR, WMQ, MDJ, MDJ, MDJ, HHC, LZH, LZH, LZH, CD2.

MOS 26 03:21:59.6-0.8, 5583N-11009E, h8km, mb4.2/1, Error ellipse: s-maj=23.9km s-min=12.6km az=47.7

BYKL 26 03:22:01.4-0.2, 5571N-11015E, h7km, 4km, 9C-3D, Lake Baykal region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DANN, GKN, KSH, KOLN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKN, GUN, DMN, PKIN, PKI, JIRN, RAMM, TAPN, ODAN, WMQ, WMQ, WMQ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, KBL, MKAR, MKAR, MKAR, MKAR.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, ZAAO, ZALV, BVAR, BRVK, CHTO, SONM, CMAR, AKTO, AKTO, AKTO, AKTO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR, NOA, NOA, GERES, GERES, GERES, GERES.

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

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

NIED 26 03:27:00, 2790N-14020E, h460km, Mw4.6 Best double couple: M9.69000x10^15 N1^1.324.00000, S74.00000, X-72.00000, YF2^1.95.00000, S24.00000, X-132.00000

DJA 26 03:27:48, 2794N-14036E, h396km, mb5.0/10 MOS 26 03:27:55.3-1.0, 2778N-13978E, h471km, mb4.6/49, Error ellipse: s-maj=10.3km s-min=6.0km az=97.2

ISC 26 03:27:56.5-0.3, 2779N-13982E, h473km, mb4.7, mb5.0 JMA 26 03:27:56.8-0.3, 2787N-14020E, h489km, 4km, M4.5

ISC 26 03:27:57.4-0.3, 2779N-13982E, h473km, mb4.7, mb5.0, h465km, 3.7km, p-P, n610, c075/640, mb4.6/128, 186C-133D, Bonin Islands region

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

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

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

Table with columns for station code, name, frequency, and signal strength. Includes stations like JOD2, JTO, JTY, JRY, JRV, MJAR, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like CD2, MA2, SONM, SONM1, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like WRA, PKI, PKIN, KKN, CTA, CTAO, etc.

26d 4h

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J13A Cove Ranch, O10A Cortez Mining, HELL Mitchell Peak, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L16A Fish Haven, T11A Corn Creek, S12A Delamar Landin, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like X16A Lo Mia Camp, Y16A Circle Bar Ran, 214A Organ Pipe Nat, etc.

ISCJB 26 03:57:21.2,2.5, 176S:10.1772W:0.5, h293km, 23km, mb3.5/5, Error ellipse: s-maj=175.8km s-min=21.9km az=152.4

LZH	AP	pP	05 47 57.0	-0.3	
LZH	XP	sP	05 48 01.3	-0.8	
LZH	PP	PP	05 49 22.0	+4.3	
LZH	eS	S	05 53 47.0	+0.3	
LZH	SS	SS	05 56 41.0	-2.2	
LZH	AMB	AMB			
LZH	comp=Z,1µm,1.2s,mb6.4	AMB	AMB		
LZH	comp=Z,8µm,4.0s	LR	LR		
LZH	comp=E,134µm,18.7s	LR	LR		
LZH	comp=Z,257µm,19.4s,MS7.1	LR	LR		
VLA	Vladivostok	40.24	5 / P	05 47 52.7	+1.8
VLA	Vladivostok	40.24	5d / P	05 47 51.7	+0.8
VLA	e / PP	pP	05 48 03.9	+1.7	
VLA	e / SP	sP	05 48 08.4	+1.5	
VLA	eS	S	05 53 52.0	-3.4	
VLA	eSS	SS	05 56 53.5	-1.4	
VLA	comp=Z,503nm,1.1s,mb6.2	MLR	MLR		
ARMA	comp=Z,50µm,18.0s,MS6.4	MLR	MLR		
HHC	Armidade	40.31	147 / P	05 47 52.1	+0.5
HHC	Hu-ho-hao-te	40.46	341 / P	05 47 54.5	+1.8
HHC	AP	pP	05 48 02.3	-1.7	
HHC	XP	sP	05 48 05.8	-2.9	
HHC	PP	PP	05 49 32.0	+5.5	
HHC	SCP	sP	05 53 41.3	-0.2	
HHC	S	S	05 53 59.5	+0.8	
HHC	SS	SS	05 56 58.5	-0.7	
HHC	SCS	SS	05 57 56.3	+0.8	
HHC	AMB	AMB			
HHC	comp=Z,407nm,1.9s,mb5.8	AMB	AMB		
HHC	comp=Z,19µm,9.2s	LR	LR		
HHC	comp=N,46µm,22.0s	LR	LR		
HHC	comp=E,47µm,29.1s	LR	LR		
HHC	comp=Z,75µm,27.4s	LR	LR		
BTO	Baotou	40.76	339 / P	05 47 56.0	+0.8
BTO	comp=Z,98nm,1.1s,mb5.3	AMB	AMB		
CN2	Changchun	40.78	358 / P	05 47 55.0	-0.4
CN2	eXP	sP	05 48 12.8	+1.4	
CN2	ePP	PP	05 49 34.0	+4.0	
CN2	eS	S	05 54 03.8	+0.4	
CN2	AMB	AMB			
CN2	comp=Z,30nm,0.7s,mb5.0	LR	LR		
CN2	comp=N,41µm,24.0s,MS6.3	LR	LR		
CN2	comp=E,25µm,24.0s,MS6.3	LR	LR		
CN2	comp=Z,52µm,27.0s,MS6.3	LR	LR		
SHL	Shillong	41.05	307 / P	05 47 56.0	-1.9
SHL	x	x	05 53 50.0		
MDJ	Mudanjiang	41.59	2 / P	05 48 02.5	+0.5
MDJ	SS	SS	05 57 19.8	-1.8	
MDJ	AMB	AMB			
MDJ	comp=Z,265nm,1.5s,mb5.7	LR	LR		
MDJ	comp=N,71µm,33.2s	LR	LR		
MDJ	comp=Z,90µm,33.2s,MS6.4	LR	LR		
MDJ	Mudanjiang	41.59	2 / PFAKE	05 48 10.0	+8.0
CAL	Calcutta	42.76	301 / P	05 48 07.8	
CAL	ex	x	05 53 53.4		
RIV	Riverview	42.76	151 / P	05 48 12.5	+0.8
CAN	Canberra	42.99	154 / P	05 48 14.1	+0.6
CAN	Canberra Magne	43.15	154 / P	05 48 14.8	0.0
ASAJ	Asahikawa	43.16	16 / P	05 48 14.5	-0.3
ASAJ	comp=Z,2µm,0.9s,mb5.7	LR	LR		
ASAJ	comp=Z,7.4nm,0.4s,baz=294,slow=25,SNR=1.6	LR	LR		
ASAJ	comp=Z,79µm,21.5s,MS6.6,baz=212,slow=33	LR	LR		
ASAJ	Asahikawa	43.16	16 / P	05 48 14.5	-0.3
ASAJ	S	S	05 54 36.2	-2.3	
ASAJ	comp=Z,154nm,0.9s	SMAX	SMAX		
TOO	Toolangi	43.56	159 / P	05 48 18.5	+0.4
LSA	Lhasa	43.62	312 / P	05 48 19.3	+0.6
LSA	AP	pP	05 48 31.0	+0.9	
LSA	XP	sP	05 48 35.3	+0.5	
LSA	AMB	AMB			
LSA	comp=Z,30nm,1.0s,mb5.0	LR	LR		
LSA	comp=N,22µm,26.0s,MS6.3	LR	LR		
LSA	comp=E,42µm,26.0s,MS6.3	LR	LR		
LSA	comp=Z,44µm,26.0s,MS6.2	LR	LR		
LSA	Lhasa	43.62	312 / PFAKE	05 48 30.0	+1.1
YUK	Yuzh-Kuril'sk	44.06	19 / P	05 48 21.0	-1.0
YUK	i / S	S	05 50 04.0		
YUK	S	S	05 54 49.0	-2.7	
YUK	comp=N,8µm,3.0s	PMAX	PMAX		
YUK	comp=E,4µm,3.0s	PMAX	PMAX		
YUK	comp=Z,6µm,3.0s	PMAX	PMAX		
YUK	comp=N,830nm,0.8s	PMAX	PMAX		
YUK	comp=Z,560nm,0.8s,mb6.3	PMAX	PMAX		
YUK	comp=E,5µm,2.0s	SMAX	SMAX		
YUK	comp=N,27µm,13.0s	SMAX	SMAX		
YUK	comp=E,25µm,13.0s	SMAX	SMAX		
BWNR	Bhubaneswar	44.23	296 / P	05 48 22.0	-1.8
GTA	Gaotai	44.25	329 / P	05 48 24.0	+0.4
GTA	AP	pP	05 48 36.9	+1.9	
GTA	XP	sP	05 48 42.0	+2.4	
GTA	PP	PP	05 50 11.0	+3.7	
GTA	S	S	05 54 53.0	-1.6	
GTA	XS	SS	05 55 14.0	+0.6	
GTA	AMB	AMB			
GTA	comp=Z,107nm,1.6s,mb5.3	AMB	AMB		
GTA	comp=Z,16µm,10.3s	LR	LR		
GTA	comp=N,59µm,22.9s,MS6.6	LR	LR		
GTA	comp=E,69µm,27.0s,MS6.6	LR	LR		
GTA	comp=Z,112µm,31.7s,MS6.6	LR	LR		
TAPN	Taplejung	45.19	307 / P	05 48 31.1	-0.2
ODAN	Odare	45.24	306 / P	05 48 31.1	-0.6
BOK	Bokaro	45.31	301 / P	05 48 32.5	+0.2
BOK	ex	x	05 55 01.3		
DZM	Mont Dzumacat	45.37	125 / P	05 48 33.1	+0.3
VIS	Vishakhapatnam	45.80	292 / P	05 48 35.8	-0.5
VIS	i / S	S	05 55 15.4	-2.3	
VIS	LP	P	05 48 36.3	+0.2	
YSS	Yuzh-Sakhalins	45.84	14 / P	05 48 36.0	-0.1
YSS	comp=Z,21µm,21.0s,MS6.1	PMAX	PMAX		
YSS	e / SP	sP	05 48 55.4	+3.2	
YSS	e	S	05 50 11.0		
YSS	eSSS	SS	05 58 26.0		
YSS	comp=Z,280nm,0.9s,mb6.2	PMAX	PMAX		
YSS	comp=N,9µm,14.0s	PMAX	PMAX		
YSS	comp=E,3µm,14.0s	PMAX	PMAX		
YSS	comp=Z,12µm,14.0s	PMAX	PMAX		

YSS	comp=Z,28µm,19.0s,MS6.2	MLR	MLR		
YSS	comp=N,20µm,18.0s	MLR	MLR		
HABR	Khabarovsk	45.87	7 / P	05 48 36.7	+0.4
HABR	e / PP	pP	05 48 48.5	+0.8	
HABR	e	S	05 48 54.6		
HABR	e	S	05 50 11.8		
HABR	ePPP	PP	05 50 23.4		
HABR	eS	S	05 51 04.0		
HABR	e	S	05 55 18.0	+0.3	
HABR	e	S	05 55 39.9		
HABR	e	S	05 58 25.2		
HABR	eSSS	SS	05 59 39.4		
HABR	comp=Z,590nm,0.9s,mb6.5	PMAX	PMAX		
HABR	comp=Z,21µm,22.0s,MS6.0	MLR	MLR		
RAMN	Ramite	45.92	305 / P	05 48 36.9	-0.2
RAMN	comp=Z,624nm,0.9s,mb6.7	PMAX	PMAX		
KLR	Kuldur	46.31	4 / P	05 48 36.3	-3.5
KLR	eS	S	05 55 16.5	-7.5	
KLR	comp=Z,300nm,2.0s	PMAX	PMAX		
KLR	comp=Z,1µm,2.0s,mb6.4	PMAX	PMAX		
KLR	comp=Z,16µm,13.0s	PMAX	PMAX		
KLR	comp=Z,21µm,18.0s,MS6.1	MLR	MLR		
JIRN	Jiri	46.54	306 / P	05 48 41.8	-0.2
JIRN	comp=Z,458nm,0.6s,mb6.6	MLR	MLR		
HIA	Hailar	46.69	353 / PFAKE	05 48 50.0	+7.2
HIA	LR	LR			
PALK	Pallekele	46.87	277 / P	05 48 44.6	-0.1
PALK	comp=Z,693nm,1.0s,mb5.5,SNR=9.8	PMAX	PMAX		
PALK	Pallekele	46.87	277 / P	05 48 44.5	-0.3
PALK	comp=Z,105nm,0.8s,mb5.8	PMAX	PMAX		
PALK	Pallekele	46.87	277 / P	05 50 19.5	+2.2
PALK	SNR=12	PMAX	PMAX		
GUN	Gumba	46.90	306 / P	05 48 44.5	-0.3
GUN	comp=Z,739nm,0.8s,mb5.7	PMAX	PMAX		
PKI	Pulchoki	47.14	306 / P	05 48 45.9	-0.8
PKI	comp=Z,144nm,0.5s,mb6.2	PMAX	PMAX		
PKIN	Pulchoki	47.15	306 / P	05 48 46.1	-0.7
PKIN	comp=Z,143nm,0.6s,mb6.1	PMAX	PMAX		
KKK	Kakani	47.33	306 / P	05 48 47.4	-0.8
DMN	Daman	47.40	306 / P	05 48 48.2	-0.5
DMN	comp=Z,1µm,1.3s,mb6.8	PMAX	PMAX		
MDRS	Chennai	47.86	285 / P	05 48 52.4	0.0
MDRS	ex	x	05 55 39.5		
GKN	Gorkha	47.94	306 / P	05 48 52.8	-0.1
BLSP	Bilaspur	48.05	297 / P	05 48 53.7	-0.1
BLSP	AMB	AMB	05 49 08.4		
BLSP	comp=Z,930nm,1.8s,mb6.5	EX	EX	05 55 41.7	
SONM	Songino Array	48.36	341 / S	05 55 53.3	+0.1
SONM	comp=Z,2.7nm,0.8s,baz=218,slow=10,SNR=2.0	PKPPKP	PKPPKP	06 19 57.4	
SONM	comp=Z,6.1nm,1.1s,baz=0.0,slow=1.5,SNR=7.4	PKPPKP	PKPPKP	06 19 57.4	
KOLN	Koldanda	48.69	305 / P	05 48 58.3	-0.4
KOLN	comp=Z,1µm,0.8s,mb7.0	PMAX	PMAX		
DANN	Dangsing	48.78	306 / P	05 48 59.0	-0.4
DANN	comp=Z,1µm,0.8s,mb7.1	PMAX	PMAX		
TAU	Tasmania Univ	48.95	161 / P	05 49 01.0	+0.6
TAU	comp=Z,1µm,1.0s,mb6.8,SNR=8.6	PMAX	PMAX		
TAU	Tasmania Univ	48.95	161 / P	05 49 00.0	-0.4
TAU	comp=Z,250nm,1.0s,mb6.2	PMAX	PMAX		
TAU	Tasmania Univ	48.95	161 / P	05 49 00.0	-0.4
TAU	comp=Z,250nm,1.0s,mb6.2	PMAX	PMAX		
HYB	Hyderabad	50.19	290 / P	05 49 09.5	-0.8
HYB	comp=Z,690nm,1.0s,mb6.6	PMAX	PMAX		
HYB	Hyderabad	50.19	290 / P	05 56 14.0	-5.9
HYB	e	S	06 07 26.0		
HYB	e	S	05 49 20.5	-0.8	
HYB	e	S	05 56 14.0	-5.9	
HYB	comp=Z,690nm,1.0s,mb6.6	PMAX	PMAX		
HYB	Hyderabad	50.19	290 / P	05 49 09.5	-0.8
HYB	comp=Z,690nm,1.0s,mb6.6	PMAX	PMAX		
HYB	Hyderabad	50.19	290 / P	05 56 14.0	-5.9
HYB	eS	SS	06 07 26.0		
HYB	LR	LR			
HYB	comp=Z,95nm,28.0s	PMAX	PMAX		
HYB	CIT	CIT	06 19 47.0		
CIT	Chita	50.35	349 / P	05 49 12.3	+1.4
CIT	CIT	CIT	05 49 24.2	+1.8	
CIT	CIT	CIT	05 56 17.5		
CIT	comp=Z,1µm,2.9s,mb6.4	PMAX	PMAX		
NGP	Nagpur	50.55	295 / P	05 49 11.8	-1.2
NGP	eS	S	05 56 24.6	-0.2	
TRD	Trivandrum	50.63	279 / P	05 49 13.4	-0.3
TRD	AMB	AMB	05 49 19.1		
TRD	comp=Z,490nm,0.7s,mb6.5	PMAX	PMAX		
TRD	Zakamensk	51.59	340 / P	05 56 16.8	
ZAK	ZAK	ZAK	05 49 20.8	+0.5	
ZAK	ZAK	ZAK	05 50 38.6		
ZAK	ZAK	ZAK	05 56 50.0		
ZAK	comp=Z,434nm,2.2s,mb6.0	PMAX	PMAX		
LGTI	Lohaghat	52.05	306 / P	05 49 23.2	-0.9
PTH	Pithoragarh	52.11	306 / P	05 49 23.8	-0.7
LATR	Latur	52.24	291 / P	05 49 25.1	-0.6
AKT	Akola	52.29	294 / P	05 49 25.4	-0.6
TLY	Talaya	52.59	341 / P	05 49 29.1	+1.5
TLY	comp=Z,829nm,0.6s,mb6.8,SNR=44	PMAX	PMAX		
TLY	Talaya	52.59	341 / P	05 49 28.8	+1.2
TLY	comp=Z,408nm,1.2s,mb6.2	PMAX	PMAX		
TLY	Talaya	52.59	341 / P	05 49 29.1	+1.5
TLY	SNR=81	PMAX	PMAX		
TLY	Talaya	52.59	341 / P	05 49 28.5	+0.9
TLY	e	S	05 51 34.3		
TLY	eS	SS	05 56 51.6	-0.3	
TLY	eSSS	SS	06 00 22.0	-8.6	
TLY	comp=Z,258nm,0.9s,mb6.2	PMAX	PMAX		
FUNA	Funafuti	52.71	103 / P	05 49 31.5	+2.3
FUNA	comp=Z,2µm,1.4s,mb6.9	LR	LR		
FUNA	comp=Z,187µm,21.0s,MS7.1	LR	LR		
SKR	Severo-Kuril's	53.37	22 / P	05 49 31.0	-

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TUTA, PMR, KIV, KOL, TVO, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like OBN, GZT, FURI, DAWY, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KBS, ERMK, BJO, BJO1, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like A06A Chilliwack, KBO Bosley Butte, H03A Soap Creek, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BRG, KOGS, B07A, STON, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like E07A Sunnyside, A09A Danville, M03C McClelland, etc.

OSI	comp=Z,16nm,1.7s	107.63	52	UP	Pdf	05 54 34.9 +2.0
F14A	Wisdom	107.67	40	UP	Pdf	05 54 34.3 +1.3
M11A	Holland Ranch,	107.69	45	UP	Pdf	05 54 34.6 +1.5
D15A	Lincoln	107.71	38	UP	Pdf	05 54 34.1 +0.9
TPH	Tonopah	107.76	49	ePdf	Pdf	05 54 35.8 +2.4
P10A	Eureka	107.82	47	UP	Pdf	05 54 34.6 +0.9
R09A	Tonopah	107.82	48	UP	Pdf	05 54 35.0 +1.3
G14A	Jackson	107.84	40	UP	Pdf	05 54 34.7 +1.0
HLID	Halley	107.86	42	ePdf	Pdf	05 54 35.2 +1.3
HLID	comp=Z,27um,22.0s,MS6.8				LR	
HLID	Halley	107.86	42	UP	Pdf	05 54 35.0 +1.2
S09A	Goldfield	107.87	49	UP	Pdf	05 54 35.4 +1.5
HMF	Hinterfield	107.87	322	ePKIKP	PKIKP	05 58 39.4 -2.0
K12A	Drape Farm, C	107.87	43	UP	Pdf	05 54 34.7 +0.8
E15A	Deer Lodge	107.89	39	UP	Pdf	05 54 35.2 +1.2
I13A	Wildhorse Cree	107.93	42	UP	Pdf	05 54 35.8 +1.6
N11A	Elko Archery C	107.94	45	UP	Pdf	05 54 35.8 +1.6
UCC	Uccle	107.97	326	P	Pdf	05 54 35.1 +0.8
L12A	Hause Creek Ra	107.97	44	UP	Pdf	05 54 35.7 +1.4
GRAC	Grapevine Rang	107.98	50	UP	Pdf	05 54 36.3 +1.9
DAC	Darwin (Calif)	108.03	50	PFAKE	LR	05 58 50.0 +8.0
GIVF	Givet	108.04	325	ePKIKP	PKIKP	05 58 40.0 -1.6
DECC	Green Verdugo	108.05	53	UP	Pdf	05 54 36.0 +1.3
J13A	Cove Ranch, Pi	108.08	42	UP	Pdf	05 54 36.6 +1.7
Q10A	Clear Creek Ra	108.13	48	UP	Pdf	05 54 36.7 +1.6
EDW2	Edwards Air Fo	108.14	52	UP	Pdf	05 54 37.2 +2.1
DOU	Dourbes	108.17	325	P	Pdf	05 54 38.0 +2.8
MPMC	Manual Prospe	108.18	51	UP	Pdf	05 54 37.3 +2.0
LRMC	Laurel Mountai	108.20	50	UP	Pdf	05 54 37.7 +2.3
F15A	Butte	108.22	40	UP	Pdf	05 54 36.4 +1.0
CIS	Catalina Islan	108.23	54	UP	Pdf	05 54 37.4 +1.9
SCI	San Clemente I	108.23	54	UP	Pdf	05 54 37.5 +2.0
FMP	Fort Macarthur	108.23	53	UP	Pdf	05 54 37.2 +1.7
O11A	Cowboy Ranch,	108.23	46	UP	Pdf	05 54 37.5 +2.0
LRM	Limekiln Ridge	108.26	40	ePdf	Pdf	05 54 37.4 +1.8
MWC	Mount Wilson	108.27	53	ePdf	LR	05 54 39.9 +4.2
MWC	comp=Z,58um,22.0s,MS7.1				LR	
S10A	Tonopah Range,	108.28	49	UP	Pdf	05 54 37.7 +2.0
M12A	Wells	108.31	45	UP	Pdf	05 54 37.2 +1.4
ELK	Elko	108.32	45	ePdf	Pdf	05 54 37.5 +1.7
ELK	Elko	108.32	45	eP	Pdf	05 54 37.5 +1.6
ELK	comp=Z,36nm,1.2s				MLR	
ELK	Elko	108.32	45	eP	pmx	05 54 37.5 +1.6
ELK	comp=Z,36nm,1.2s				MLR	
DLMT	Dillon	108.35	40	ePdf	Pdf	05 54 37.3 +1.2
P11A	Circle Ranch,	108.36	47	UP	Pdf	05 54 37.2 +1.1
R10A	Warm Springs	108.38	48	UP	Pdf	05 54 37.8 +1.6
MCMT	McKenzie Canyo	108.40	41	ePdf	Pdf	05 54 38.1 +1.8
N12A	Clover Valley	108.42	45	UP	Pdf	05 54 38.1 +1.7
K13A	Stover Farm, H	108.43	43	UP	Pdf	05 54 38.1 +1.7
G15A	Dillon	108.50	40	UP	Pdf	05 54 38.1 +1.4
FURC	Furnace Creek,	108.54	50	UP	Pdf	05 54 38.8 +1.9
BFSC	Mount Baldy St	108.58	53	UP	Pdf	05 54 38.4 +1.3
PGF	Pioggiola	108.62	317	ePKIKP	Pdf	05 58 41.3 -1.6
Q11A	Duckwater	108.67	47	UP	Pdf	05 54 39.5 +2.1
L13A	Double Diamond	108.73	44	UP	Pdf	05 54 39.6 +1.9
BORG	Borgarnes	108.76	346	PP	PP	05 59 07.2 -1.4
O12A	Currie	108.84	46	UP	Pdf	05 54 39.7 +1.5
BOZ	Bozeman (W)	108.85	40	ePdf	LR	05 54 40.6 +2.3
BOZ	Bozeman (W)	108.85	40	UP	Pdf	05 54 39.8 +1.6
TPNV	Topopah Spring	108.85	49	ePdf	LR	05 54 39.8 +1.5
TPNV	Topopah Spring	108.85	49	UP	Pdf	05 54 39.6 +1.4
CABF	La Chapelle	108.86	322	ePKIKP	PKIKP	05 58 41.4 -1.9
R11A	Troy Canyon, C	108.89	48	UP	Pdf	05 54 39.8 +1.4
RRX	Edison Barstow	108.91	52	UP	Pdf	05 54 39.9 +1.4
LPG	La Plagne	108.92	320	eP	Pdf	05 54 39.6 +1.0
LPG	La Plagne	108.92	320	ePKIKP	PKIKP	05 58 41.8 -1.6
LPG	La Plagne	108.92	320	eP	pmx	05 54 39.6 +1.0
LPG	comp=Z,9.9nm,1.0s				PMX	
LPL	La Plagne	108.93	320	eP	Pdf	05 54 39.7 +1.1
LPL	La Plagne	108.93	320	ePKIKP	PKIKP	05 58 42.0 -1.4
GSC	Goldstone	108.94	51	ePdf	LR	05 54 41.2 +2.6
GSC	Goldstone	108.94	51	UP	Pdf	05 54 40.1 +1.4
U10A	Ash Meadows, A	108.96	50	UP	Pdf	05 54 40.3 +1.6
P12A	McGill	109.00	47	UP	Pdf	05 54 40.5 +1.6
S11A	Rachel	109.00	49	UP	Pdf	05 54 40.4 +1.5
N13A	Wendover, West	109.01	45	UP	Pdf	05 54 40.5 +1.6
K14A	Jones Ranch, D	109.09	43	UP	Pdf	05 54 40.5 +1.2
MURC	Murrieta	109.14	53	UP	Pdf	05 54 41.4 +1.9
BNI	Bardonecchia	109.16	320	ePKP	PKIKP	05 58 47.1 +3.2
SHOC	Shoshone	109.16	50	UP	Pdf	05 54 41.6 +2.0
BBRC	Big Bear Sol-O	109.16	52	UP	Pdf	05 54 41.0 +1.3
Q12A	Willow Creek R	109.21	47	UP	Pdf	05 54 41.9 +2.1
M4B	Montbaron	109.23	320	ePKIKP	PKIKP	05 58 42.4 -1.6
LBDF	Malta	109.24	44	UP	Pdf	05 54 42.5 +2.5
QLMT	Earthquake Lak	109.32	40	ePdf	Pdf	05 54 42.8 +2.5
M14A	Sheep Mountain	109.37	44	UP	Pdf	05 54 42.4 +1.9

109C	baz=109,SNR=26	109.42	54	UP	Pdf	05 54 43.0 +2.2
O13A	Hicks Ranch, I	109.43	46	UP	Pdf	05 54 42.8 +2.0
H3C	Hector, Ludlow	109.45	52	UP	Pdf	05 54 42.6 +1.7
T11A	Corn Creek, Al	109.53	49	UP	Pdf	05 54 43.3 +2.0
TUQ	Turquoise Mtn.	109.58	51	UP	Pdf	05 54 43.1 +1.6
R12A	Pony Springs,	109.62	48	UP	Pdf	05 54 43.4 +1.8
P13A	Bat Ranch, G	109.65	46	UP	Pdf	05 54 43.5 +1.7
HVU	Hansel Valley	109.66	44	ePdf	Pdf	05 54 44.3 +2.4
HVU	Hansel Valley	109.66	44	UP	Pdf	05 54 46.5 +4.6
U11A	Corn Creek	109.68	50	UP	Pdf	05 54 43.9 +2.0
S12A	Delamar Landin	109.69	48	UP	Pdf	05 54 44.1 +2.1
YMR	Madison River	109.69	40	ePdf	LR	05 54 47.0 +4.9
PFO	Pinyon Flat Ob	109.73	53	ePdf	Pdf	05 54 44.7 +3.6
PFO	Pinyon Flat Ob	109.73	53	UP	Pdf	05 54 45.3 +2.1
N14A	Grayback Hills	109.73	45	UP	Pdf	05 54 44.1 +2.0
ORIF	Oris-en-Rattie	109.73	320	ePKIKP	PKIKP	05 58 43.3 -1.6
ORIF	comp=Z,22um,21.2s,MS6.4				MLR	
BGU	Tumble	109.81	45	ePKP	PKIKP	05 54 45.9 +3.3
TSUM	Tumble	109.81	251	PKK	PKK	05 58 37.8 -1.1
TSUM	comp=Z,33um,21.0s,MS6.9				PKK	
TSUM	Tumble	109.81	251	PKK	PKK	05 54 46.4 +4.0
SHRP	Sheep Range	109.82	50	UP	Pdf	05 54 43.5 +0.9
BAR	Barrett	109.83	54	ePdf	LR	
BAR	comp=Z,47um,20.0s,MS7.1				LR	
Q13A	Wheeler Ranch,	109.83	47	UP	Pdf	05 54 44.6 +2.0
V11A	Goodsprings	109.83	50	UP	Pdf	05 54 45.6 +3.0
L15A	Malat City	109.84	43	UP	Pdf	05 54 44.8 +2.2
YNR	Norris Junctio	109.86	40	ePdf	Pdf	05 54 48.1 +5.4
YFT	Old Faithful	109.87	40	ePdf	Pdf	05 54 49.0 +6.2
LOR	Lorme	109.93	323	ePKIKP	MLR	05 58 43.8 -1.4
LOR	comp=Z,23um,22.0s,MS6.4				MLR	
LOR	Lorme	109.93	323	ePKP	PKIKP	05 58 43.8 -1.4
LOR	comp=Z,23um,22.0s,MS6.7				PKIKP	
MONP	Monument Peak	109.97	54	UP	Pdf	05 54 45.6 +2.4
BELC	Belle Mtn.	109.97	52	UP	Pdf	05 54 45.4 +2.1
GMRC	Granite Mounta	109.99	51	UP	Pdf	05 54 45.5 +2.2
DCDI	Drake Creek	110.00	41	ePdf	Pdf	05 54 47.4 +4.0
M15A	Larsen Ranch,	110.01	44	UP	Pdf	05 54 45.0 +1.6
RR12	Red Ridge	110.02	42	ePdf	Pdf	05 54 47.1 +3.7
GCMT	Greycliff	110.03	39	ePdf	PKIKP	05 54 44.8 +1.3
GCMT	Soda Springs	110.05	42	UP	Pdf	05 54 45.7 +2.1
T12A	Moapa	110.09	49	UP	Pdf	05 54 45.9 +2.2
LKWW	Lake	110.10	40	PFAKE	LR	05 59 00.0 +1.4
LKWW	comp=Z,29um,22.0s,MS6.8				LR	
FLWY	Flint	110.11	41	ePdf	Pdf	05 54 46.1 +2.2
R13A	O'Grain Ranch,	110.14	48	UP	Pdf	05 54 46.2 +2.2
N15A	Stansbury Isla	110.18	44	UP	Pdf	05 54 46.6 +2.4
TPAW	Top Pass	110.20	41	ePdf	Pdf	05 54 46.0 +1.7
DUG	Dugway	110.24	45	ePdf	Pdf	05 54 46.1 +1.5
DUG	Dugway	110.24	45	UP	Pdf	05 54 46.0 +1.5
FCF	Fort Churchill	110.26	22	ePKP	PKIKP	05 58 43.1 -2.4
SFJD	Kangerlussuaq	110.26	359	i	SKSac	05 58 47.7 +3.2
SFJD	SFJD				SKSac	05 05 19.8 -0.6
SFJD	SFJD				SKSac	06 08 14.4
SFJD	SFJD				SKSac	06 14 38.9
SFJD	comp=Z,31nm,1.0s				PMX	
SFJD	Kangerlussuaq	110.26	359	i	SKSac	05 54 47.7 +3.2
SFJD	comp=Z,31nm,1.0s				SKSac	05 05 19.8 -0.6
SFJD	SFJD				SKSac	06 08 14.4
SFJD	SFJD				SKSac	06 14 38.9
SF14	comp=Z,16um,21.0s				MLR	
DRUM	Drum Mountains	110.28	46	UP	Pdf	05 54 46.3 +1.7
DVTC	Desert V Tower	110.29	54	UP	Pdf	05 54 46.5 +1.8
U12A	Nelson	110.31	50	UP	Pdf	05 54 46.5 +1.7
U12A	Valley of Fire	110.32	49	UP	Pdf	05 54 46.6 +1.8
REDW	Red Top Meadow	110.32	41	ePdf	Pdf	05 54 47.6 +2.9
LDFC	Landfair	110.33	51	ePdf	Pdf	05 54 48.4 +3.6
SNOW	Snow King Moun	110.34	41	ePdf	Pdf	05 54 49.6 +4.7
Q14A	Sevier Lake (B	110.36	47	UP	Pdf	05 54 46.6 +1.6
LOHW	Long Hollow	110.38	41	ePdf	Pdf	05 54 49.1 +4.1
AHID	Auburn Hatcher	110.40	42	ePdf	PKIKP	05 54 47.6 +2.4
AHID	AHID				PKIKP	05 58 47.6 +1.3
AHID	comp=Z,14um,20.0s,MS6.5				LR	
S13A	Holt River, En	110.43	48	UP	Pdf	05 54 46.7 +1.4
W12A	Cal Nev Ari	110.44	51	UP	Pdf	05 54 47.5 +2.1
O15A	The Old Anders	110.45	45	UP	Pdf	05 54 47.2 +1.8
SWSC	Sam W. Stewart	110.45	53	UP	Pdf	05 54 47.8 +2.4
L16A	Fish Haven	110.49	43	UP	Pdf	05 54 47.6 +2.1
BCG	Big Chuckw Mtn	110.51	53	UP	Pdf	05 54 47.6 +2.0
VIVF	Saint-Julien-I	110.53	320	ePKIKP	PKIKP	05 58 45.1 -1.3
NOQ	North Oquirrh	110.55	45	ePKP	PKIKP	05 58 47.7 +1.1
RLMT	Red Lodge	110.58	39	UP	Pdf	05 54 48.0 +2.1
RLMT	comp=Z,19um,22.0s,MS6.6				LR	
IRM	Iron Mountain	110.59	52	UP	Pdf	05 54 48.4 +2.4
T13A	Saint George	110.59	49	UP	Pdf	05 54 48.3 +2.2
M16A	Huntsville	110.63	44	UP	Pdf	05 54 47.8 +1.6
ARUT	Antelope Range	110.67	48	UP	Pdf	05 54 48.9 +2.6
ARUT	Antelope Range	110.67	48	P	Pdf	05 54 51.1 +4.7
U13A	Pakoon Wash	110.76	49	UP	Pdf	05 54 48.8 +2.1
CTU	Camp Tracy	110.80	44	ePdf	Pdf	05 54 48.7 +1.8
CTU	comp=Z,1.1nm,0.7s,ba				PKIKP	05 54 48.1 +1.0
R14A	James Farms, M	110.80	47	UP	Pdf	05 54 49.2 +2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kappang, Baumata, Kakadu, Kuching, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Fitzroy Crossi, Vnda, MJAR, NVAR, ARUT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIA, Bita, Litokhoron, Agios Georgios, etc.

ISC 26 10:45:22.8±1.7, 3359N, 004.3658E, 0.09, h0km, n10, o54/16, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RCY Rachaya, RCH Bhanes, HWQ Hawqa, KSDI Kefar Szold, etc.

BUI 26 10:51:22.3, 5210N, 168.10W, h10km, mb5.0, mb4.8

IDC 26 10:51:24.8±0.8, 5244N, 168.21W, h0km, mb4.1/1.9, mb1.4/2.19, mb1mx4.2/2.8, mbtmp4.1/1.9, Error ellipse: s-maj=23.5km s-min=13.9km az=175.0

NEIC 26 10:51:25.3, 5213N, 168.09W, h10km, ML3.6(AEIC), After AEC

MOS 26 10:51:28.5±0.8, 5252N, 168.21W, h0km, mb4.7/7.7, Error ellipse: s-maj=22.4km s-min=11.1km az=101.9

ISCJB 26 10:51:30.1±1.2, 5238N, 009.16834W, 0.07, h52km, 8km, mb4.2/2.9, Error ellipse: s-maj=14.9km s-min=6.3km az=164.3

ISC 26 10:51:31.1±1.1, 5241N, 008.16826W, 0.07, h43km, 8km, n56, i193/59, mb4.2/2.9, 4C-1D, Fox Islands

Main table of station data for the first section, including codes like NIKO, OKKE, AMKA, etc., and station names like Nikolski, Okmok Cone E, etc.

mb1.3/5.3, mb1mx3.3/1.9, mbtmp3.3/3, Error ellipse: s-maj=32.0km s-min=26.5km az=65.0

ISCJB 26 11:09:07.2±3.3, 1141N, 007.12646E, 0.09, h31km, 27km, mb3.3/3, Error ellipse: s-maj=15.5km s-min=10.8km az=158.6

MAN 26 11:09:08, 1144N, 126.39E, h29km, mb4.4, ML3.2, MS3.1

ISC 26 11:09:07.3±2.8, 1139N, 007.12638E, 0.09, h16km, 19km, n10, i195/13, mb3.3/3, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BESP Borongan, BLSP Palo, etc.

ASAR Alice Springs 35.61 168 P P 11 16 03.5 -1.0

MKAR Makanchi Array 51.21 322 P P 11 18 12.1 +2.1

NEIC 26 11:13:00, 2410N, 122.60E, h26km, Mw4.0 Best double couple: M0.105000, 1015 NP1.773, 0.00000, 0.77, 0.00000, 1.74, 0.00000, NP2.306, 0.00000, 0.21, 0.00000, 1.41, 0.00000

TAP 26 11:13:30.6, 2390N, 122.81E, h50km, 2km, ML4.4

JMA 26 11:13:31.5, 2384N, 122.73E, h47km, mb4.3, mb4.2

NEIC 26 11:13:33.5±1.2, 2415N, 122.68E, h47km, 11km, MG4.1(JMA), Error ellipse: s-maj=16.6km s-min=12.9km az=200.0

IDC 26 11:13:35.1±4.6, 2420N, 122.81E, h59km, 44km, mb6.6/10, mb1.3.7/1.1, mb1mx3.6/2.2, mbtmp3.6/1.1, ML3.7/1, Error ellipse: s-maj=29.0km s-min=16.2km az=68.0

ISC 26 11:13:33.7±0.6, 2419N, 122.64E, 0.04, h48km, 6km, n30, i193/39, mb3.8/1.1, Taiwan region

Main table of station data for the second section, including codes like YOJ, NACB, IRIF, etc., and station names like Yonaguni jima, Ninganchiao, etc.

GII 26 11:17:13.9±1.5, 3383N, 3684E, h0km, ML2.7/5, EXPLOSION

GRAL 26 11:17:14.6±0.3, 3352N, 3708E, h15km, 515km, MD3.0

ISC 26 11:17:19.1±1.5, 3370N, 005.3705E, 0.08, h0km, n11.0, i102/20, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RCY Rachaya, HWQ Hawqa, HRI Mount Hermon, etc.

ISCJB 26 12:11:06.9±0.6, 3643N, 004.4352E, 0.06, h10km, Error ellipse: s-maj=7.3km s-min=5.5km az=169.1

ISK 26 12:11:08.1, 3654N, 4339E, h11km, ML3.6

CSEM 26 12:11:10.2±0.3, 3669N, 4324E, h5km, MD3.4, Error ellipse: s-maj=7.4km s-min=4.3km az=111.0

DDA 26 12:11:18.2, 3724N, 42.76E, h7km, 5km, Mb3.4

ISC 26 12:11:08.3±1.4, 3648N, 004.4348E, 0.07, h8km, 11km, n18, i193/21, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MSL Mosul, HAKKARI, HAKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MARD Mardin, MARD Diyarbakir, DIYA Diyarbakir, etc.

NEIC 26 13:21:00, 2210N, 122.05E, h5km, Mw4.0 Best double couple: M0.131000, 1015 NP1.223, 0.00000, 0.875, 0.00000, 1.70, 0.00000, NP2.76, 0.00000, 0.17, 0.00000, 1.58, 0.00000

IDC 26 13:21:42.4±1.0, 2195N, 121.65E, h0km, mb3.8/6, mb1.3/8, mb1mx3.7/20, mbtmp3.8/6, ML3.2/2, MS4.1/4, Ms1.4/1.4, ms1mx3.3/3, Error ellipse: s-maj=34.2km s-min=18.3km az=77.0

ISCJB 26 13:21:42.5±0.4, 2195N, 003.12166E, 0.02, h10km, mb3.6/6, MS4.2/4, Error ellipse: s-maj=4.2km s-min=2.6km az=171.3

NEIC 26 13:21:43.7±0.7, 2199N, 121.72E, h10km, Error ellipse: s-maj=18.3km s-min=10.0km az=80.0

TAP 26 13:21:45.1, 2201N, 121.50E, h16km, ML3.9

JMA 26 13:21:46.2±0.3, 2208N, 122.02E, h0km, M4.1

ISC 26 13:21:43.7±0.4, 2197N, 003.12162E, 0.02, h10km, n82, i192/113, mb3.6/6, MS4.2/4, 3D, Taiwan region

Main table of station data for the third section, including codes like LAY, TSEB, TWK1, etc., and station names like Lan-yu, Hengchun, etc.

ISA	Isabella	79.75	46	eP	P	14 03 41.0	-0.2
ISA	Isabella	79.75	46	eP	P	14 03 40.8	-0.4
ISA	Isabella	79.75	46	eP	P	14 03 41.2	+0.2
N02C	Big Bar	79.75	39	UP	P	14 03 40.8	-0.9
CMB	Columbia Colle	79.86	43	eP	P	14 03 40.8	-0.9
CMB	Columbia Colle	79.86	43	eP	P	14 03 40.8	-0.9
CMB	Columbia Colle	79.86	43	eP	P	14 03 41.5	-0.2
CMB	Columbia Colle	79.86	43	eP	P	14 03 41.9	-0.4
HELL	Mitchell Peak	79.96	45	UP	P	14 03 42.1	-0.5
PFO	Pinyon Flat Ob	80.00	48	UP	P	14 03 42.1	-0.4
PFO	Pinyon Flat Ob	80.00	48	UP	P	14 03 42.7	+0.1
WDC	Whiskeytown Da	80.06	40	UP	P	14 03 42.6	-0.1
ORV	Oroville	80.07	41	UP	P	14 03 42.6	-0.5
SWSC	Sam W. Stewart	80.11	49	UP	P	14 03 43.0	-0.1
S06C	San Francisco	80.12	43	P	P	14 03 43.2	+0.1
KCC	Kaiser Creek	80.14	44	UP	P	14 03 43.3	-0.1
LRMC	Laurel Mountai	80.17	46	UP	P	14 03 43.9	+0.2
HABR	Khabarovsk	80.30	331	UP	P	14 05 42.8	-1.4
HABR	Khabarovsk	80.30	331	UP	P	14 03 49.5	+1.6
HABR	Khabarovsk	80.30	331	UP	P	14 18 30.1	-1.5
HABR	Khabarovsk	80.30	331	UP	P	14 22 03.2	
HABR	Khabarovsk	80.30	331	UP	P	14 03 44.0	0.0
MDJ	Mudanjiang	80.33	325	P	P	14 05 46.0	+1.5
MDJ	Mudanjiang	80.33	325	P	P	14 07 00.5	+2.8
MDJ	Mudanjiang	80.33	325	P	P	14 13 05.8	+2.5
MDJ	Mudanjiang	80.33	325	P	P	14 03 44.3	+0.3
M02C	Callahan	80.37	39	UP	P	14 03 44.3	+0.1
L02A	Cave Junction	80.41	38	UP	P	14 03 44.7	+0.2
CWC	Cottonwood Cre	80.45	45	UP	P	14 03 44.9	+0.1
R05C	Kirkwood Meado	80.45	43	P	P	14 03 45.3	+0.5
P05C	Yuba Gap, Truc	80.47	42	UP	P	14 03 44.7	-0.2
BELC	Belle Mtn.	80.53	48	UP	P	14 03 45.0	-0.3
MPMC	Manual Prospec	80.63	46	P	P	14 03 46.2	+0.5
YBH	Yreka Blue Hor	80.67	39	eP	P	14 03 45.1	-0.7
YBH	Yreka Blue Hor	80.67	39	eP	P	14 03 46.6	+0.8
YBH	Yreka Blue Hor	80.67	39	eP	P	14 03 45.1	-0.7
YBH	Yreka Blue Hor	80.67	39	eP	P	14 03 46.2	+0.4
GSC	Goldstone	80.68	47	UP	P	14 03 46.1	+0.1
BC3	Big Chuck Mtn	80.73	49	UP	P	14 03 46.2	-0.1
M03C	McClood	80.74	39	UP	P	14 03 46.7	+0.5
R06C	Coleville	80.75	43	P	P	14 03 47.0	+0.8
HEC	Hector, Ludlow	80.75	47	UP	P	14 03 46.4	+0.1
R07C	Lee Vining	80.75	44	P	P	14 03 47.1	+0.8
O04C	Chester	80.78	41	UP	P	14 03 46.9	+0.5
HATC	Hat Creek Raddi	80.85	40	UP	P	14 03 47.6	+0.9
K02A	Glendale	80.86	38	UP	P	14 03 47.6	+0.9
BEKR	Beckwourth	80.96	41	UP	P	14 03 47.8	+0.5
S08C	White Mtn Res	80.99	44	UP	P	14 03 47.8	+0.2
WCN	Washoe City	81.00	42	UP	P	14 03 47.8	+0.2
KTGM	Kuala Trenggan	81.02	279	UP	P	14 03 49.8	+1.5
KDAK	Kodiak Island	81.03	14	P	P	14 03 46.7	-0.6
KDAK	Kodiak Island	81.03	14	P	P	14 03 46.7	-0.6
HUMO	Hull Mountain	81.07	38	eP	P	14 03 47.5	-0.4
HUMO	Hull Mountain	81.07	38	eP	P	14 03 48.2	+0.4
GMRC	Granite Mounta	81.19	48	UP	P	14 03 48.6	-0.1
IRM	Iron Mountain	81.21	49	P	P	14 03 49.4	+0.6
M04C	Macdoel	81.21	39	UP	P	14 03 49.4	+0.7
GRAC	Grapevine Rang	81.24	45	UP	P	14 03 49.1	+0.3
MAU	Mawson	81.31	200	P	P	14 03 49.3	+0.6
TAW	Turquoise Mtn.	81.36	47	UP	P	14 03 49.5	0.0
SHOC	Shoshone	81.36	47	UP	P	14 03 49.2	-0.4
M05C	Lookout	81.37	40	P	P	14 03 49.9	+0.4
PMSA	Palmer Station	81.38	157	eP	P	14 03 49.2	+0.1
PMSA	Palmer Station	81.38	157	eP	P	14 03 49.6	+0.4
NVAR	Mina Array Bea	81.43	44	P	P	14 03 50.2	+0.4
NVAR	Mina Array Bea	81.43	44	P	P	14 05 53.3	+2.5
NVAR	Mina Array Bea	81.43	44	P	P	14 03 50.2	+0.4
NVAR	Mina Array Bea	81.43	44	P	P	14 05 53.3	+2.5
Y12C	Blythe	81.44	49	UP	P	14 03 50.0	+0.1
O06A	Flanigan	81.47	41	P	P	14 03 50.4	+0.4
113A	Mohawk Valley	81.47	50	P	P	14 03 50.6	+0.4
DL2	Dalian	81.48	317	iP	P	14 03 49.0	-1.0
DL2	Dalian	81.48	317	iP	P	14 05 50.5	-0.5
DL2	Dalian	81.48	317	iP	P	14 13 13.5	-1.7
DL2	Dalian	81.48	317	iP	P	14 03 50.5	-0.3
U10A	Ash Meadows, A	81.61	46	UP	P	14 03 53.0	+1.4
FRIM	Kepong	81.68	277	UP	P	14 03 51.2	+0.2
M06C	Likely Place G	81.68	40	UP	P	14 03 51.1	-0.3
LDFC	Landfair	81.73	48	eP	P	14 03 51.1	-0.3
S09A	Goldfield	81.74	45	UP	P	14 03 51.7	+0.1
214A	Organ Pipe Nat	81.75	52	UP	P	14 03 51.9	+0.2
N06A	Buffalo Meadow	81.81	41	P	P	14 03 52.1	-0.1
Q08A	Gabbs	81.91	43	UP	P	14 03 52.5	+0.1
TPH	Tonopah	81.93	44	eP	P	14 03 52.5	+0.1
TPH	Tonopah	81.93	44	eP	P	14 03 53.0	+0.7

TPNV	Topopah Spring	81.96	46	eP	P	14 03 52.1	-0.4
TPNV	Topopah Spring	81.96	46	eP	P	14 03 52.1	-0.4
TPNV	Topopah Spring	81.96	46	eP	P	14 03 52.9	+0.4
Y13A	Salome	81.97	49	UP	P	14 03 52.9	+0.3
L05A	Lakeview	81.97	39	UP	P	14 03 53.0	+0.5
PDMCI	Parker Dam, Lak	82.00	49	UP	P	14 03 52.9	+0.1
O07A	Toulon	82.06	42	P	P	14 03 53.3	+0.4
CN2	Changchun	82.09	323	eP	P	14 03 52.5	-0.5
CN2	Changchun	82.09	323	eP	P	14 06 44.0	-7.8
CN2	Changchun	82.09	323	eP	P	14 13 16.5	-4.6
CN2	Changchun	82.09	323	eP	P	14 03 53.1	-0.1
O04A	Tendick Farm,	82.12	37	UP	P	14 03 53.5	0.0
WHN	Wuhan	82.12	307	UP	P	14 05 49.3	-5.4
WHN	Wuhan	82.12	307	UP	P	14 06 52.8	+0.5
WHN	Wuhan	82.12	307	UP	P	14 13 19.3	-2.7
WHN	Wuhan	82.12	307	UP	P	14 03 53.6	+0.2
R09A	Tonopah	82.12	44	P	P	14 03 53.7	+0.1
M0D	Modoc	82.20	40	eP	P	14 03 54.2	+0.5
MOD	Modoc	82.20	40	eP	P	14 03 54.0	-0.1
Y12A	Nelson	82.25	47	UP	P	14 03 53.9	-0.1
S10A	Tonopah Range,	82.26	45	P	P	14 03 55.2	+0.8
K05A	Summer Lake	82.34	39	P	P	14 03 54.9	+0.4
N07B	Gerlach	82.36	41	UP	P	14 03 54.9	+0.2
Z14A	Wintersburg	82.37	50	UP	P	14 03 55.1	+0.5
X13A	Yuca	82.37	49	P	P	14 03 55.0	-3.8
KLR	Kul'dur	82.37	330	eP	P	14 13 18.0	-5.7
KLR	Kul'dur	82.37	330	eP	P	14 03 55.6	+0.6
J05A	Fort Rock	82.48	38	P	P	14 03 56.1	+0.5
M07A	Solar Meadow	82.59	41	P	P	14 03 55.9	+0.1
W13A	Hualapai Mount	82.59	48	UP	P	14 03 56.1	+0.1
R10A	Warm Springs	82.65	45	UP	P	14 03 57.9	+1.2
IPM	Ippoh	82.67	278	UP	P	14 03 56.5	+0.3
S11A	Rachel	82.67	45	P	P	14 03 57.1	+0.7
K06A	Valley Falls	82.77	39	P	P	14 03 56.2	-0.6
216A	Three Points,	82.77	52	UP	P	14 03 56.4	-0.2
H04A	Detroit Lake	82.80	37	P	P	14 03 56.9	+0.1
T11A	Corn Creek, Al	82.81	46	UP	P	14 03 57.4	+0.4
U12A	Valley of Fire	82.84	47	UP	P	14 03 57.7	+0.8
L07A	Adell	82.85	40	P	P	14 03 57.5	+0.3
116A	Eloy	82.87	51	UP	P	14 03 57.3	+0.3
N08A	GE Springer Mi	82.88	42	UP	P	14 03 57.1	-0.1
Q10A	Clear Creek Ra	82.89	44	UP	P	14 03 57.6	+0.2
V13A	Grand Canyon W	82.92	48	UP	P	14 03 58.5	+0.8
X14A	Yava	82.97	49	P	P	14 03 58.3	+0.2
J06A	Christmas Vall	83.09	39	P	P	14 03 58.5	+0.3
M08A	Happy Creek Ra	83.11	41	UP	P	14 03 59.0	+0.7
Y15A	Casa Rosa Ranc	83.11	50	P	P	14 03 58.6	+0.3
O09A	Fish Creek Ran	83.12	43	P	P	14 03 59.0	+0.5
217A	Green Valley	83.13	53	UP	P	14 03 58.0	-0.5
R11A	Troy Canyon, C	83.16	45	UP	P	14 03 59.2	+0.3
W14A	Seligman	83.21	49	P	P	14 03 59.6	+0.7
U11A	Pakoon Wash	83.22	47	P	P	14 03 58.5	-0.4
BMN	Battle Mountai	83.25	42	eP	P	14 03 58.5	-0.4
BMN	Battle Mountai	83.25	42	eP	P	14 03 59.9	+0.8
S12A	Delamar Land,	83.25	46	P	P	14 03 59.0	-0.1
P10A	Eureka	83.28	43	UP	P	14 03 59.8	+0.7
K07A	Rock Creek Ran	83.30	40	P	P	14 04 01.4	+1.5
KULM	Kulim	83.31	278	UP	P	14 03 59.9	+0.2
Q11A	Duckwater	83.38	44	UP	P	14 04 00.6	+0.7
V14A	Boquillas Ranc	83.41	48	P	P	14 03 60.0	0.0
TUC	Tucson	83.42	52	eP	P	14 04 00.0	0.0
TUC	Tucson	83.42	52	eP	P	14 04 00.9	+0.9
X15A	Humboldt	83.44	50	P	P	14 04 00.2	+0.1
Z16A	Peralta Trail,	83.45	51	UP	P	14 04 00.7	+0.7
I06A	Prineville	83.47	38	P	P	14 04 01.2	+1.4
SVW2	Sparrevohn						

ML2.5(STR), After STR.
LDG 26 15:48:15.6,0.1,4937N,685E,h1km,Md3.2/2,M3.2/16,
Error ellipse: s-maj=1.1km s-min=1.0km az=102.0,
Suspected Mining induced.
BGR 26 15:48:15.4,0.3,4937N,684E,h1km,ML2.3/4,Error
ellipse: s-maj=4.4km s-min=3.3km az=48.0
STR 26 15:48:15.0,0.2,4936N,681E,h1km,ML2.5,Error ellipse:
s-maj=0.0km s-min=0.0km az=0.0
BNS 26 15:48:16.1,0.2,4940N,685E,h1km,ML2.2
ISC 26 15:48:14.5,0.2,4936N,001.680E,002,h0km,n88,
n0598/154,2D,Germany

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like RUP Ruppelstein, WLF Walferdange, ABH Alteburg, etc.

Table with columns: FELD, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like FELD Feldberg im Sc, FELD Feldberg im Sc, FELD Feldberg im Sc, etc.

PRU 26 15:48:27.0,5025N,1881E,h0km,Poland
Code Station Name Az Az' Phase ID ISC Time Res
DPC Dobruska-Polom 1.60 275 eP Op ISC
KHC Kasperske Hory 3.58 254 Pn Pn
KHC Kasperske Hory 3.58 254 ePN Pn
KHC Kasperske Hory 3.58 254 ePN Pn
KHC Kasperske Hory 3.58 254 ePN Pn
KHC Kasperske Hory 3.58 254 ePN Pn
NEIC 26 15:50:12.0,0.6,310S,13083E,h10km,mb4.5/11,Error
ellipse: s-maj=18.7km s-min=7.3km az=73.0
IDC 26 15:50:11.2,0.8,288S,13098E,h0km,mb4.3/12,
mb1 4.4/12,mb1mx3.3/17,mbtmp3.3/12,MS3.2/3,
Ms1 3.2/3,ms1mx3.0/23,Error ellipse: s-maj=39.7km
s-min=14.7km az=79.0
ISCJB 26 15:50:13.7,0.3,315S,004.13094E,007,h35km,
mb4.4/24,MS3.7/6,Error ellipse: s-maj=10.5km
s-min=4.8km az=157.7
BUJ 26 15:50:13.9,3.10S,13080E,h30km,mb4.8,mb4.6,Ms4.2,
Ms4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like AAI Ambon, TLE Tual, KDI Kendari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like ASAR, MBWA Marble Bar, KSM Kuching, GUM Guam, etc.

L09A	Wilkinson Ranc	84.25	41	↑P	P	16 58 36.8 +0.2
SLKM	Skilak Lake	84.30	14	eP	P	16 58 35.6 -0.7
F53A	Holt Ranch, En	84.30	46	P	P	16 58 37.3 +0.4
S10A	White Salmon	84.31	36	↑P	P	16 58 37.1 +0.3
I07A	Ize	84.34	39	P	P	16 58 37.5 +0.5
G06A	Carlson Farm	84.38	37	P	P	16 58 37.1 0.0
X16A	Lo Mia Camp, P	84.38	50	P	P	16 58 38.0 +0.6
Q12A	Willow Creek R	84.42	45	↑P	P	16 58 37.4 -0.1
Y17A	Roosevelt	84.46	51	↑P	P	16 58 38.0 +0.2
O11A	Cowboy Ranch,	84.47	43	↑P	P	16 58 37.9 +0.2
319A	Douglas	84.50	54	↑P	P	16 58 38.7 +0.6
J08A	Circle Bar Ran	84.53	40	P	P	16 58 38.2 +0.3
R13A	O'Grain Ranch,	84.54	46	↑P	P	16 58 38.5 +0.4
E05A	Randle	84.56	36	↑P	P	16 58 37.8 -0.2
T14A	Hurricane	84.56	47	↑P	P	16 58 38.3 +0.1
V15A	Kaibab Nationa	84.56	49	↑P	P	16 58 38.8 +0.5
B04A	Port Angeles	84.57	34	↑P	P	16 58 38.5 +0.5
118A	Homack Ranch,	84.59	52	↑P	P	16 58 38.9 +0.5
P12A	McGill	84.60	44	↑P	P	16 58 38.3 -0.1
K09A	Rome	84.60	40	P	P	16 58 38.5 +0.2
H07A	Lands Inn, Kim	84.61	38	P	P	16 58 38.5 +0.2
GNW	Green Mountain	84.61	34	eP	P	16 58 38.4 +0.2
F06A	Goldendale	84.62	37	↑P	P	16 58 38.3 0.0
CCUT	Cedar City	84.62	47	eP	P	16 58 39.0 +0.4
C04A	Brinon	84.63	34	↑P	P	16 58 38.3 0.0
LON	Longmire	84.65	35	eP	P	16 58 37.6 -0.8
LON	Longmire	84.65	35	eP	P	16 58 37.6 -0.8
W16A	Clamp	84.65	49	↑P	P	16 58 39.1 +0.3
M10A	L.L. Ranch, Tu	84.67	42	P	P	16 58 39.2 +0.5
ARUT	Antelope Range	84.69	46	eP	P	16 58 38.8 0.0
U15A	North Rim	84.78	48	↑P	P	16 58 39.6 +0.2
I08A	Drewsey	84.79	39	↑P	P	16 58 39.2 0.0
X17A	Forest Lakes	84.80	50	↑P	P	16 58 39.8 +0.3
219A	White Tail Can	84.81	53	↑P	P	16 58 40.1 +0.5
D05A	Ennumclaf	84.82	35	↑P	P	16 58 39.7 +0.5
Q13A	Wheeler Ranch,	84.91	45	P	P	16 58 39.9 0.0
RC01	Rabbit Creek A	84.92	14	eP	P	16 58 38.4 -1.0
J09A	Fry Pan Ranch,	84.95	40	↑P	P	16 58 39.9 -0.1
WUAZ	Wupatki	84.97	49	↑P	P	16 58 41.3 +0.1
WUAZ	Wupatki	84.97	49	↑P	P	16 58 40.3 0.0
E06A	Yakima	84.98	36	↑P	P	16 58 40.1 +0.1
T15A	Red Dirt Ranch	85.02	47	↑P	P	16 58 40.5 0.0
L10A	Juniper Basin	85.02	41	P	P	16 58 40.6 +0.3
BBB	Bella Bella	85.06	29	P	P	16 58 39.8 -0.5
ELK	Elko	85.07	43	eP	P	16 58 40.3 -0.4
ELK	Elko	85.07	43	eP	P	16 58 40.3 -0.3
H08A	Prairie City	85.08	39	↑P	P	16 58 40.3 -0.2
Y18A	Canyon Day Jun	85.09	51	↑P	P	16 58 41.3 +0.5
M11A	Holland Ranch,	85.09	42	↑P	P	16 58 41.1 +0.4
O12A	Currie	85.13	44	↑P	P	16 58 40.8 -0.2
119A	Ashpeak Ranch,	85.14	52	↑P	P	16 58 41.5 +0.3
K10A	MacKenzie Ranc	85.17	41	↑P	P	16 58 41.2 +0.1
F07A	Phinny Hill Vi	85.17	37	↑P	P	16 58 41.0 0.0
P13A	Bates Ranch, G	85.18	45	↑P	P	16 58 41.6 +0.4
N12A	Clover Valley	85.26	43	↑P	P	16 58 41.7 +0.1
C05A	Tolt Reservoir	85.29	35	↑P	P	16 58 41.3 -0.3
I09A	Lost Marbles R	85.32	39	↑P	P	16 58 41.5 -0.2
G08A	Pilot Rock	85.36	38	P	P	16 58 42.2 +0.2
TTA	Tatalina	85.39	10	eP	P	16 58 41.3 -0.3
TTA	Tatalina	85.39	10	eP	P	17 00 42.5 +1.2
TTA	Tatalina	85.39	10	eP	P	17 00 41.3 -0.3
TTA	Tatalina	85.39	10	eP	P	17 00 42.5 +1.1
A04A	Legoe Bay, Lum	85.40	34	↑P	P	16 58 42.1 +0.1
Q14A	Sevier Lake (B	85.42	45	↑P	P	16 58 42.5 +0.1
B05A	Bryant	85.43	34	↑P	P	16 58 42.2 +0.1
D06A	Cle Elum	85.44	35	↑P	P	16 58 42.5 +0.2
U16A	Tuba City	85.45	49	↑P	P	16 58 43.0 +0.4
JCW	Jim Creek	85.47	34	↑P	P	16 58 42.1 -0.3
PMR	Palmer	85.50	14	eP	P	16 58 40.4 -1.8
PMR	Palmer	85.50	14	eP	P	16 58 40.4 -1.8
BJT	Baijiatuu	85.51	316	eP	P	16 58 42.6 -0.2
X18A	Snowflake	85.51	51	↑P	P	16 58 43.2 +0.3
L11A	Cat Creek Ranc	85.52	42	P	P	16 58 43.1 +0.3
O13A	Hicks Ranch, I	85.56	44	↑P	P	16 58 42.8 -0.2
E07A	Sunnyside	85.61	36	↑P	P	16 58 43.1 0.0
T16A	Glen Canyon Da	85.61	48	↑P	P	16 58 43.5 +0.2
M12A	Wells	85.64	43	↑P	P	16 58 43.4 +0.1
RSW	Rattlesnake Hi	85.66	37	eP	P	16 58 43.5 +0.2
K11A	Parker Ranch,	85.68	41	↑P	P	16 58 43.6 +0.1
HAWA	Hanford	85.69	37	eP	P	16 58 43.3 -0.2
Y19A	Nutrosio	85.74	51	↑P	P	16 58 44.4 +0.4
H09A	Durkee	85.76	39	↑P	P	16 58 43.7 -0.1
F08A	Pendleton	85.77	37	↑P	P	16 58 43.7 -0.1
RPW	Rockport	85.85	34	↑P	P	16 58 43.2 -0.9
P14A	Drum Mountains	85.87	45	↑P	P	16 58 44.0 -0.5
DIV	Divide	85.89	15	eP	P	16 58 43.1 -1.0
MSU	Marysville	85.92	46	eP	P	16 58 45.5 +0.8

MSU	Quincy	85.92	36	eP	P	17 00 49.9 +5.1
D07A	St. Johns	85.94	51	↑P	P	16 58 44.6 0.0
X19A	Payette	85.94	40	↑P	P	16 58 45.1 +0.1
I10A	Entiat	85.97	35	eP	P	16 58 44.9 +0.2
ETW	Shonto	86.01	49	↑P	P	16 58 43.8 -1.0
U17A	Shonto	86.01	49	↑P	P	16 58 45.5 +0.2
E08A	Dider Farm, El	86.01	37	↑P	P	16 58 44.9 0.0
Q15A	Fillmore	86.03	46	↑P	P	16 58 45.4 +0.1
G09A	Cove	86.04	38	P	P	16 58 45.2 +0.1
BMRM	Bremner River	86.05	16	eP	P	16 58 43.3 -1.5
LNOR	Linnton Mounta	86.08	38	eP	P	16 58 45.2 -0.2
V18A	Garnado	86.09	50	↑P	P	16 58 45.8 +0.2
MFID	Camas Ranch	86.16	41	↑P	P	16 58 45.7 0.0
C07A	Waterville	86.17	35	P	P	16 58 45.5 -0.2
F09A	S2 Ranch, Elgi	86.21	38	↑P	P	16 58 46.1 +0.1
H10A	Noah's Angus R	86.25	39	↑P	P	16 58 45.6 -0.6
A06A	Chilliwack	86.27	34	↑P	P	16 58 46.2 0.0
K12A	Draper Farm, C	86.30	42	↑P	P	16 58 46.7 +0.2
WRAK	Wrangell Islan	86.33	24	eP	P	16 58 46.5 +0.3
I11A	Placerville	86.35	40	P	P	16 58 46.8 +0.1
D08A	Wollman Farm,	86.42	36	P	P	16 58 47.1 +0.2
G10A	Bishop Farm, J	86.43	39	P	P	16 58 47.0 0.0
SEY	Seymchan	86.48	347	d/P	P	16 58 46.4 -0.4
U18A	Rock, Ch	86.48	49	↑P	P	16 58 47.2 -0.3
J12A	Stokes Ranch,	86.51	41	P	P	16 58 47.8 +0.3
E09A	Wood Ranch, Sta	86.54	37	↑P	P	16 58 47.2 -0.3
B07A	Winthrop	86.60	35	P	P	16 58 47.6 0.0
L13A	Double Diamond	86.61	42	↑P	P	16 58 47.8 -0.1
M14A	Sheep Mountain	86.69	43	↑P	P	16 58 48.2 -0.1
OD2	Odessa Site #2	86.73	36	eP	P	16 58 48.1 -0.3
F10A	Beach Ranch, E	86.75	38	↑P	P	16 58 48.2 -0.3
H11A	Donnelly	86.75	39	↑P	P	16 58 48.3 -0.2
D09A	Jones Farm, Hi	86.76	37	P	P	16 58 48.6 +0.1
C08A	Higginbotham F	86.78	36	↑P	P	16 58 48.4 -0.2
Q16A	Castle Valley	86.80	46	↑P	P	16 58 49.2 +0.3
A07A	Astoria River,	86.81	34	P	P	16 58 48.7 0.0
K13A	Stover Farm, H	86.82	42	↑P	P	16 58 48.9 0.0
T18A	Mexican Hat	86.82	48	P	P	16 58 49.0 0.0
R17A	Hanksville Air	86.87	47	↑P	P	16 58 49.0 -0.3
KTH	Kantisha Hill	86.89	12	eP	P	16 58 46.8 -1.9
CHUM	Lake Minchum	86.92	11	eP	P	16 58 46.5 -2.3
TRF	Thoroare Moun	86.92	12	eP	P	16 58 47.1 -1.8
B08A	Colville Reser	86.96	35	P	P	16 58 49.0 -0.4
TMUT	Trail Mountain	86.97	46	eP	P	16 58 49.9 +0.2
G11A	Walters Elk Ra	86.99	39	↑P	P	16 58 49.4 -0.2
S18A	Hurst Farm, BI	87.00	48	↑P	P	16 58 49.5 -0.4
L14A	Malta	87.03	43	↑P	P	16 58 49.8 -0.1
ELI	Hailey	87.10	41	eP	P	16 58 50.0 -0.2
HLID	Hailey	87.10	41	eP	P	17 00 53.8 +3.2
HLID	Hailey	87.10	41	eP	P	16 58 50.4 +0.2
E10A	Myers Farm, Un	87.11	38	↑P	P	16 58 50.1 -0.1
J13A	Cove Ranch, Pu	87.16	41	P	P	16 58 51.0 +0.6
HVU	Hansel Valley	87.19	43	eP	P	16 58 49.5 -1.1
HVU	Hansel Valley	87.19	43	eP	P	16 58 49.6 -1.1
C09A	Chrisman Ranch	87.21	36	P	P	16 58 50.5 -0.1
M15A	Larsen Ranch,	87.24	44	P	P	16 58 50.8 -0.2
F11A	Greenville	87.33	38	↑P	P	16 58 51.0 -0.2
SRU	San Rafael	87.33	46	eP	P	16 58 51.4 0.0
SRU	San Rafael	87.33	46	eP	P	17 00 56.0 +4.1
SRU	San Rafael	87.33	46	eP	P	16 58 51.4 0.0
SRU	San Rafael	87.33	46	eP	P	17 00 56.0 +4.1
SRU	San Rafael	87.33	46	eP	P	16 58 50.9 -0.5
K14A	Jones Ranch, D	87.34	42	↑P	P	16 58 51.2 -0.1
D10A	Wagner Farm, O	87.34	37	↑P	P	16 58 50.6 -0.6
A08A	Turner Farm, O	87.34	35	P	P	16 58 51.3 +0.1
H12A	Diamond D Ranc	87.36	40	P	P	16 58 51.5 +0.1
BPW	Bear Paw Mtn.	87.37	12	eP	P	16 58 49.0 -1.9
R18A	Canyonlands Na	87.41	47	↑P	P	16 58 51.7 -0.1
MCK	McKinley	87.45	13	eP	P	16 58 49.7 -1.6
MCK	McKinley	87.45	13	eP	P	16 58 49.7 -1.6
I13A	Wildhorse Cree	87.47	41	↑P	P	16 58 52.1 +0.1

Table with columns for station name, coordinates, and various parameters. Includes stations like Songino Array, Gaotai, Yellownknife Ar, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Clausthal, Long Mynd, Moravsky Berou, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like GRR, SGFM, LJU, etc. Also includes a section for 'ISC 26 16:48:36.9' and 'ISC 26 17:05:03.9'.

Table with columns for station code, name, frequency, power, and time. Includes stations like SUW, ODAN, OBN, etc.

Table with columns for CD2, station name, frequency, power, and time. Includes stations like ARCES, SNAEA, VNA1, etc.

Table with columns for station code, name, frequency, power, and time. Includes stations like SJG, SNAEA, VNA1, etc.

Table with columns for Code, Station Name, Azimuth, Elevation, Phase, and Time. Includes stations like BSWZ, CMWZ, KHZ, etc.

Table with columns: WAZ, WSZ, WZV, RPZ, PKVZ, MOVZ, VRZ, TUZV, NGZ, OTVZ, WTVZ, FOZ, HIZ, HAZ, ODZ, TUZ, MKAZ. Includes station names, times, and phases.

IDC 26:19:23:31.7-2.1, 1.07N-9697E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.6/22, mbtmp3.6/8, ML3.5/1, Error ellipse: s-maj=68.4km s-min=21.4km az=58.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CHIANG MAI ARR, WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

IDC 26:19:33:35.2-1.1, 2.68N-12727E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.6/17, mbtmp3.6/17, Error ellipse: s-maj=85.6km s-min=16.0km az=65.0

NEIC 26:19:33:36.7-0.7, 2.69N-12729E, h10km, mb4.1/2, Error ellipse: s-maj=51.1km s-min=8.2km az=65.0

ISCJB 26:19:33:38.5-0.6, 2.70N-1272E, h0, h3km, mb3.7/9, Error ellipse: s-maj=65.8km s-min=10.7km az=65.1

ISC 26:19:33:40.5-0.8, 2.7N-1021273E, h4, h35km, n12, d0973/12, mb3.7/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WRAB TENNANT CREEK, WRA WARRAMUNGA ARR, WB2 WARRAMUNGA ARR, etc.

GUC 26:19:39:18.7-0.4, 2385E-6931W, h43km, 6km, MD3.5, ML3.2, 1C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CEN1 LOS MORROS, ANCH ANTOFAGASTA, CPN1 CERRO PARANAL, etc.

IDC 26:19:46:25.9-7.5, 912S-11967E, h126km, 70km, mb3.4/3, mb1 3.2/6, mb1mx3.1/19, mbtmp3.2/6, Error ellipse: s-maj=83.7km s-min=27.3km az=65.0, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like BATI BAUMATA, WRA WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

IDC 26:19:51:14.5-1.0, 1433S-16719E, h0km, mb4.4/16, mb1 4.5/17, mb1mx4.4/23, mbtmp4.4/17, ML5.1/1, Error ellipse: s-maj=28.4km s-min=17.4km az=109.0

ISCJB 26:19:51:19.9-4.1, 1425S-008-1670E-02, h43km, 31km, mb4.4/17, Error ellipse: s-maj=28.1km s-min=14.0km az=110.5

NEIC 26:19:51:23.1-3.4, 1427S-16698E, h57km, 24km, mb4.5/3, Error ellipse: s-maj=29.2km s-min=12.6km az=98.0

LDG 26:19:51:25.0-1.1, 1449S-16644E, h0km, MD4.6/4, Error ellipse: s-maj=8.6km s-min=2.1km az=82.0

ISC 26:19:51:23.0-3.5, 1426S-008-1670E-02, h54km, 26km, n54, d0912/25, mb4.4/17, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like HNR HONIARA, CTA CHARTERS TOWER, ARMA ARMA, etc.

Table with columns: JOW, MJAR, MJAR, MJAR, KSR, VND, PETK, CMAR, CHTO, SONM, LSA, MKAR, MKAR, ZALV, ACES, ACES, BAIF, CABF, FLN, LDF, LOR, SSF, LPL, SMF, AVF, SGMF, BNI, ROSE, BGF, MBDF, ORIF, TCF, SBF, VIVF, PGF, FRF, SMRF, LMR, LASF, LFF, MTLF, ETSF, KEST, TORD. Includes station names, times, and phases.

IDC 26:19:53:56.0-3.8, 617S-14888E, h0km, mb3.9/1, mb1 4.6/2, mb1mx3.6/15, mbtmp4.3/2, Error ellipse: s-maj=131.8km s-min=46.6km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WRA WARRAMUNGA ARR, ASAR ALICE SPRINGS, TORD TORODARI BEA, etc.

IDC 26:19:57:00.6-1.2, 279S-3630E, h0km, mb3.9/5, mb1 4.0/7, mb1mx3.7/24, mbtmp3.9/7, ML3.6/2, Error ellipse: s-maj=55.5km s-min=12.3km az=116.0, Tanzania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like KMBO KILIMA MBOGO, LSZ LISAKI, OPO AMBODHITRAMPOT, etc.

IDC 26:20:12:46.6-3.5, 430S-13585E, h0km, mb3.4/1, mb1 3.4/3, mb1mx3.2/14, mbtmp3.3/3, ML2.8/1, Error ellipse: s-maj=142.4km s-min=36.7km az=81.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WRA WARRAMUNGA ARR, WRA WARRAMUNGA ARR, WRA, ASAR ALICE SPRINGS, etc.

IDC 26:20:46:53.6-0.7, 3240S-7133W, h46km, MD3.5(GUC), After GUC

GUC 26:20:46:53.6-0.7, 3240S-7133W, h46km, 31km, MD3.5, ML2.6, 6C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CHNG LOS CHUNGOS, ROCH EL ROBLE, ROCH, JACH, JACH, PEL, RCDM, RCDM, RCDM, etc.

Table with columns: CLCH, CMCH, CMCH, CMCH, FCH, FCH, TACH, TACH, PCH, LML, LML. Includes station names, times, and phases.

IDC 26:19:59:09.5-4.2, 279S-14151E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/15, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=143.4km s-min=31.7km az=90.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like WRA WARRAMUNGA ARR, ASAR ALICE SPRINGS, MKAR MAKANCHI ARRAY, etc.

MAN 26:21:00:56, 1115N-12465E, h7km, mb4.0, ML2.7, MS2.4, 1C, Leyte

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like OCLP ORMOC, OCLP PALO, PLP, BESP, MSP, MSPL, CNP, CNP, GUM.

ISCJB 26:21:05:07.6-0.4, 1304N-008-8873W-005, h76km, 6km, mb3.8/6, Error ellipse: s-maj=14.8km s-min=4.2km az=31.1

CASC 26:21:05:07.5-2.7, 1295N-8882W, h59km, 19km, MD3.9, ML4.4, mb3.9(NEIC)

IDC 26:21:05:08.9-4.2, 1302N-8873W, h81km, 33km, mb3.4/4, mb1 3.9/6, mb1mx3.5/22, mbtmp3.5/6, MS3.0/4, Ms1 3.0/4, ms1mx2.7/24, Error ellipse: s-maj=71.2km s-min=25.0km az=31.0

NEIC 26:21:05:09.8-1.6, 1311N-8870W, h79km, 13km, mb3.9/3, MD4.6(SNET), Error ellipse: s-maj=23.7km s-min=11.0km az=13.0

NEIC Felt [III] at San Salvador. BUJ 26:21:05:11.7, 1310N-8870W, h79km, mb5.0, Ms5.0, Msz4.6

ISC 26:21:05:09.0-0.4, 1313N-009-8867W-006, h66km, 6km, n67, d0974/5, mb3.8/6, 2C-13D, El Salvador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like YSM SAN MIGUEL, AIES, AIES, SNVI, SNVI, BLLM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like RTR RBDEL, MTOZ, CRIN, LGUH, TGUH, TGUH, TEL3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like APON, JAT, CONN, JCR, CGA2, PRS1, LGUH, BUS, CMIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CH2, SDV, SDV, SDV, JCT, JCT, ATAR, ATAR, TKL, WMOK, SIUC, ANMO, SDCO, BAR, RSSD, PDAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mina Array Bea, Waterlorn Lakes, Yellowknife Ar, etc.

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

NEIC 26 21:15:46.5,3469S:7192W,h31km,ML3.3(GUC),After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Talca, San Fernando, Longovio, etc.

ISCJB 26 21:16:00.2,4.238N,001x12151W,002,h8km,3km, Error ellipse: s-maj=2.5km s-min=2.2km az=31.5

NEIC 26 21:16:00.0,4239N:12148W,h12km,MD2.8(SEA),After SEA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOG, KFAL, K04A, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like K06A, MOD, M03C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUEN, TICN, NBG, etc.

IDC 26 21:44:33.9,0.8,282N:12755E,h0km,mb3.9/10, mb1.4/1.0,mb1mx0.0/0.16,mbtmp3.9/10,MS3.4/4, Ms1.3/4,ms1mx3.0/24,Error ellipse: s-maj=41.4km s-min=14.3km az=73.0

ISCJB 26 21:44:38.6,1.9,289N:007:12761E,0.10,h50km,17km, mb4.1/17,MS3.3/4,Error ellipse: s-maj=17.8km s-min=9.1km az=153.9

NEIC 26 21:44:39.5,1.6,286N:12760E,h40km,15km,mb4.4/8, Error ellipse: s-maj=13.1km s-min=4.9km az=68.0

ISC 26 21:44:39.2,1.6,290N:006:12768E,0.10,h37km,15km, n31,0668/32,mb4.1/17,MS3.3/4,3D,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNE, MNI, KDI, etc.

ISCJB 26 21:49:58.1,0.4,3039S:003:7173W,0.05,h33km, mb4.2/19,MS3.5/2,Error ellipse: s-maj=6.0km s-min=3.7km az=179.3

GUC 26 21:49:59.1,0.6,3041S:7161W,h31km,2km,MD4.1,ML4.2

NEIC 26 21:49:59.1,3041S:7161W,h31km,mb4.5/7,ML4.2(GUC),After GUC.

IDC 26 21:49:59.2,4.8,3034S:7150W,h33km,36km,mb4.1/12, mb1.4/1.0,mb1mx1.1/22,mbtmp4.0/16,ML4.2/3,MS3.5/4, Ms1.3/5.4,ms1mx3.0/33,Error ellipse: s-maj=24.5km s-min=13.9km az=91.0

ISC 26 21:49:59.0,9,3040S:002:7161W,0.07,h31km,6km,n52, 01506/61,mb4.2/19,MS3.5/2,3C,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OVCH, LSCO, TLL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, LLP Lapu-Lapu, TBP Tagbilaran, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC Villa Florida, SIV San Ignacio, SNAA Snaae, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, BATI Baumata, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HLW 26:23:15:56.3, 3426N-2608E, h33km, Mb3.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAN 26:23:27:23, 1140N-12538E, h14km, mb4.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 26:23:33:18.3-4.9, 2144S-16949E, h0km, mb3.8/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKHL 26:23:35:22.9-0.3, 5070N-13168E, h10km, mb3.6/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KLR Kul'dur, EKMR Ekimchan, EKMR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 26:23:50:12.6-5.4, 1973S-17818W, h536km, 61km, mb3.1/5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 26:22:43:20.7-1.1, 2887S-003-715W-0.1, h50km, 10km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA 26:22:59:48.9-0.1, 3025N-14129E, h117km, M3.6, etc.

27d Oh

comp=Z,1um,19.2s,baz=358,slow=39	Pn	00 25 12.1	-1.2
PAYG Puerto Ayora 9.41 236 Pn	Pn	00 25 27.0	+0.4
TGUH Tegucigalpa,Un 10.39 334 ePn	Pn	00 27 30.7	+7.5
TGUH Tegucigalpa,Un 10.39 334 ePn	Pn	00 24 31.3	Px
LAPR La Pedra 11.26 75 eSn	Pn	00 25 56.1	+2.5
LAPR La Pedra 11.26 75 eSn	Pn	00 28 14.9	+3.4
ATAH 0.7nm,0.3s,baz=2.1,slow=9.4,SNR=6.2	Sn	00 30 15.3	
ATAH 0.3nm,0.3s,baz=50,slow=16,SNR=2.1	LR	00 25 56.3	+0.4
ATAH comp=Z,7um,21.5s,baz=334,slow=35	LR	00 28 17.1	+1.5
SDV Santo Domingo 12.52 70 ePn	Pn	00 25 56.7	+0.8
SDV Santo Domingo 12.52 70 ePn	Pn	00 28 14.0	-1.6
SDV 0.3nm,0.3s,baz=268,slow=9.2,SNR=13	Sn	00 30 49.7	
SDV 0.3nm,0.3s,baz=209,slow=19,SNR=1.5	LR	00 26 57.9	-0.8
SDV comp=Z,1um,20.9s,baz=263,slow=36	LR	00 32 22.4	
CMIG Matias Romero 17.25 316 P	Pn	00 27 01.4	-0.8
CMIG 0.1nm,0.3s,baz=141,slow=7.8,SNR=11	Sn	00 27 01.0	-1.3
CMIG comp=Z,2um,22.0s,baz=120,slow=33	LR	00 33 16.6	
NNA Nana 17.54 161 ePn	Pn	00 27 13.8	-1.0
NNA 0.8nm,0.3s,baz=325,slow=6.8,SNR=6.9	Sn	00 27 36.6	+0.4
NNA comp=Z,823nm,21.5s,baz=318,slow=36	LR	00 27 40.2	+0.7
PCRV Puerto La Cruz 18.55 72 P	Pn	00 27 40.2	+0.7
PCRV 0.6nm,0.3s,baz=260,slow=4.7,SNR=4.6	Pn	00 27 40.2	+0.7
AOPR Arecoib Observ 20.53 47 eP	P	00 27 40.2	+0.7
SJG San Juan 20.83 49 eP	P	00 34 40.0	
SJG 43nm,1.0s,baz=263,slow=6.1,SNR=8.2	LR	00 27 42.4	+0.3
SJG comp=Z,522nm,20.4s,MS3.9,baz=247,slow=34	LR	00 23 44.6	
HUMP Col San Antoni 21.08 49 eP	P	00 28 10.0	+1.1
HUMP 51nm,1.1s,mb4.8	Px	00 28 24.5	+0.3
PTP Ponta Puerca 21.31 50 eP	Px	00 28 24.2	+0.1
PTP 00 24 29.5	Sx	00 39 23.7	
ARE Arequipa 23.71 153 eP	P	00 29 02.2	-0.6
LPZ La Paz 25.27 146 eP	P	00 29 08.6	-0.2
LPZ 9.7nm,1.0s,mb4.3	P	00 29 21.4	+0.6
LPZ La Paz 25.27 146 eP	P	00 32 12.7	-0.3
LPZ 4.8nm,0.6s,mb4.2,baz=336,slow=11,SNR=25	LR	00 42 00.6	
LPZ comp=Z,1um,19.7s,MS4.5,baz=303,slow=39	LR	00 29 51.3	+1.9
SIV San Ignacio 29.57 135 P	P	00 30 02.7	-0.4
SIV 4.1nm,1.0s,mb4.1,baz=306,slow=9.6,SNR=13	P	00 30 02.8	-0.5
LVC Limon Verde 30.26 154 eP	P	00 30 06.4	+0.3
LVC 17nm,1.4s,mb4.6	P	00 30 06.3	-0.4
TXAR Lajitas Array 31.61 323 P	P	00 30 07.3	-0.4
TXAR 0.4nm,0.8s,mb3.3,baz=148,slow=5.5,SNR=6.1	PcP	00 30 10.8	+0.5
TXAR 1.6nm,0.8s,baz=138,slow=9.6,SNR=12	LR	00 30 10.6	-0.2
TXAR comp=Z,324nm,20.8s,MS4.0,baz=285,slow=36	LR	00 30 10.7	-0.5
SDMD Soldier's Dell 34.92 8 P	P	00 30 10.8	+0.5
BRNJ Basking Ridge 36.52 10 P	P	00 30 10.8	+0.5
319A Douglas 36.52 320 P	P	00 30 10.8	+0.5
319A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
BNN Barren Site 36.85 326 eP	P	00 30 10.8	+0.5
219A White Tail Can 36.92 321 P	P	00 30 10.8	+0.5
219A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
318A Bisbee 37.02 319 P	P	00 30 10.8	+0.5
318A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
ANMO Albuquerque 37.35 327 eP	P	00 30 10.8	+0.5
ANMO 6.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
218A Dragon 37.41 320 P	P	00 30 10.8	+0.5
218A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
119A Ashpeak Ranch, 37.46 321 P	P	00 30 10.8	+0.5
119A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
217A Green Valley 37.78 319 P	P	00 30 10.8	+0.5
217A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
118A Homack Ranch, 37.79 321 P	P	00 30 10.8	+0.5
118A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
TUC Tucson 38.10 319 eP	P	00 30 10.8	+0.5
TUC 2.6nm,0.9s,mb4.0	P	00 30 10.8	+0.5
117A Oracle 38.24 320 P	P	00 30 10.8	+0.5
117A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Y16A Nutrioso 38.24 323 P	P	00 30 10.8	+0.5
Y16A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
219A Three Points, 38.34 319 P	P	00 30 10.8	+0.5
219A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Z17A San Carlos Hig 38.55 321 P	P	00 30 10.8	+0.5
Z17A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
X19A St. Johns 38.59 323 P	P	00 30 10.8	+0.5
X19A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Y18A Canyon Day Jun 38.59 322 P	P	00 30 10.8	+0.5
Y18A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
116A Tucson 38.86 319 P	P	00 30 10.8	+0.5
116A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
SDCO Great Sand Dun 38.99 331 eP	P	00 30 10.8	+0.5
SDCO 11nm,1.0s,mb4.6	P	00 30 10.8	+0.5
Y17A Roosevelt 39.04 321 P	P	00 30 10.8	+0.5
Y17A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
X18A Snowflake 39.05 323 P	P	00 30 10.8	+0.5
X18A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
W19A Sanders 39.12 324 P	P	00 30 10.8	+0.5
W19A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
214A Organ Pipe Nat 39.22 317 P	P	00 30 10.8	+0.5
214A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
W18A Petrified Fore 39.33 324 P	P	00 30 10.8	+0.5
W18A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
CPUP Villa Florida 39.36 143 eP	P	00 30 10.8	+0.5
CPUP 7.5nm,0.6s,mb4.6	P	00 30 10.8	+0.5
CPUP Villa Florida 39.36 143 eP	P	00 30 10.8	+0.5
CPUP 0.7nm,0.4s,mb3.8,baz=316,slow=9.9,SNR=8.3	LR	00 30 10.8	+0.5
CPUP comp=Z,869nm,19.4s,MS4.6,baz=299,slow=38	LR	00 30 10.8	+0.5
X17A Forest Lakes 39.44 322 P	P	00 30 10.8	+0.5
X17A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Y16A Circle Bar Ran 39.56 321 P	P	00 30 10.8	+0.5
Y16A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
BDFB Brasilia 39.72 121 P	P	00 30 10.8	+0.5
BDFB 0.6nm,0.3s,mb3.8,baz=16,slow=25,SNR=3.3	LR	00 30 10.8	+0.5
BDFB comp=Z,642nm,19.4s,MS4.5,baz=285,slow=37	LR	00 30 10.8	+0.5
W17A Winslow 39.88 323 P	P	00 30 10.8	+0.5
W17A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
X16A Lo Mia Camp, P 39.89 321 P	P	00 30 10.8	+0.5
X16A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
MVCO Mesa Verde 40.13 327 eP	P	00 30 10.8	+0.5
MVCO 10nm,0.9s,mb4.6	P	00 30 10.8	+0.5
MVCO Mesa Verde 40.13 327 P	P	00 30 10.8	+0.5
MVCO 10nm,0.9s,mb4.6	P	00 30 10.8	+0.5
Y15A Casa Rosa Ranch 40.15 320 P	P	00 30 10.8	+0.5
Y15A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
113A Mohawk Valley, 40.35 318 P	P	00 30 10.8	+0.5
113A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
W16A Flagstaff 40.39 322 P	P	00 30 10.8	+0.5
W16A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
X15A Humboldt 40.43 321 P	P	00 30 10.8	+0.5
X15A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Y14A Wickenburg 40.57 320 P	P	00 30 10.8	+0.5
Y14A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
WUAZ Wupatki 40.58 323 eP	P	00 30 10.8	+0.5
WUAZ 16nm,0.9s,mb4.6	P	00 30 10.8	+0.5
WUAZ Wupatki 40.58 323 P	P	00 30 10.8	+0.5
WUAZ 16nm,0.9s,mb4.6	P	00 30 10.8	+0.5
ISCO Idaho Springs 40.67 332 eP	P	00 30 10.8	+0.5
ISCO 2.7nm,0.7s,mb4.0	P	00 30 10.8	+0.5
SMCO Snowmass 40.83 331 eP	P	00 30 10.8	+0.5
SMCO 9.8nm,0.8s,mb4.5	P	00 30 10.8	+0.5
X14A Yava 40.86 324 P	P	00 30 10.8	+0.5
X14A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
U16A Tuba City 40.86 324 P	P	00 30 10.8	+0.5
U16A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
U17A Shonto 40.90 325 P	P	00 30 10.8	+0.5
U17A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
Y13A Salome 41.03 319 P	P	00 30 10.8	+0.5
Y13A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
GLA Glamis 41.24 317 P	P	00 30 10.8	+0.5
GLA 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
V15A Kaibab Natona 41.26 322 P	P	00 30 10.8	+0.5
V15A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
S18A Hurst Farm, BI 41.29 326 P	P	00 30 10.8	+0.5
S18A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
W14A Seligman 41.43 321 P	P	00 30 10.8	+0.5
W14A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
X13A Yucca 41.51 320 P	P	00 30 10.8	+0.5
X13A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
V14A Boquillas Ranc 41.72 321 P	P	00 30 10.8	+0.5
V14A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
R18A Canyonlands Na 41.74 327 P	P	00 30 10.8	+0.5
R18A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5
U15A North Rim 41.74 323 P	P	00 30 10.8	+0.5
U15A 0.4nm,0.9s,mb4.5	P	00 30 10.8	+0.5

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baz=42,SNR=8.0	P	00 30 47.8	+0.3
Q19A Hogan Spring (41.82 328 P	P	00 30 47.8	+0.3
Q19A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
W13A Hualapai Mount 41.87 320 P	P	00 30 47.8	+0.3
W13A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
BC3 Big Chuck Mtn 42.02 317 P	P	00 30 47.8	+0.3
BC3 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
T15A Red Dirt Ranch 42.19 324 P	P	00 30 47.8	+0.3
T15A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
R17A Hanksville Air 42.21 326 P	P	00 30 47.8	+0.3
R17A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
U14A Mt Trumbull 42.27 322 P	P	00 30 47.8	+0.3
U14A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
Q18A Rafter H Ranch 42.39 328 P	P	00 30 47.8	+0.3
Q18A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
V13A Grand Canyon W 42.40 321 P	P	00 30 47.8	+0.3
V13A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
BELC Belle Mtn. 42.59 317 P	P	00 30 47.8	+0.3
BELC 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
SRU San Rafael 42.60 327 eP	P	00 30 47.8	+0.3
SRU 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
PFO Pinyon Flat Ob 42.67 317 P	P	00 30 47.8	+0.3
PFO 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
U13A Pakoon Wash 42.75 322 P	P	00 30 47.8	+0.3
U13A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
GMRC Granite Mounta 42.82 319 P	P	00 30 47.8	+0.3
GMRC 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
V12A Nelson 42.87 320 P	P	00 30 47.8	+0.3
V12A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
RWWY Rawlins 42.91 333 eP	P	00 30 47.8	+0.3
RWWY 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
MSU Marysval 43.09 325 eP	P	00 30 47.8	+0.3
MSU 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
T13A Saint George 43.11 322 P	P	00 30 47.8	+0.3
T13A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
S14A Cedar City 43.15 324 P	P	00 30 47.8	+0.3
S14A 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
HEC Hector,Ludlow 43.29 318 P	P	00 30 47.8	+0.3
HEC 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
TUQ Turquoise Mtn. 43.39 319 P	P	00 30 47.8	+0.3
TUQ 0.4nm,0.9s,mb4.5	P	00 30 47.8	+0.3
S13A Hot Ranch, En 43.44 32			

27d 1h

Table with columns: YKA, Yellowknife Ar, 20.07 21 P, P, 01 42 20.7 +0.5, comp=Z,5.0nm,0.9s,baz=216,slow=11,SNR=9.6

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Table with columns: RKT, Rikitea, 67.42 185 eLQ, 02 05 50.2, comp=Z,7.24nm,31.8s

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Table with columns: PSZ, Piszkesteto, 84.19 20 eP, P, 01 50 18.0 -0.3, comp=Z,1.6nm,1.4s,mb4.9

IDC 27 01:45:24.8,0.8,4442N:12972W,h0km,mb4.0/17, mb1 4.2/22,mb1mx4.2/30,mbtmp4.0/22,ML3.3/5,MS4.4/8, MS1 4.4/8,ms1mx4.0/23,Error ellipse: s-maj=28.6km, s-min=1.2km az=39.0, BUJ 27 01:45:24.3,4450N:12970W,h10km,mb5.1,mb4.9,MS4.9, MS2.6

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

C04A	Brinnon	5.66	53	↑P	Pn	01 46 51.8 +0.3
GNW	Green Mountain	5.67	55	ePn	Pn	01 46 51.0 -0.6
GMW	Gold Mountain	5.68	55	P	Pn	01 46 51.8 0.0
YBH	Yreka Blue Hor	5.77	116	Pn	Pn	01 46 52.2 -0.8
YBH	baz=226,slow=20,SNR=3.7			Sn	Sn	01 48 07.8 +8.6
E05A	Randle	5.92	67	P	Pn	01 46 55.2 +0.1
LON	Longmire	5.95	65	ePn	Pn	01 46 54.8 -0.6
F05A	White Salmon	5.96	73	Pn	Pn	01 46 56.0 +0.4
G05A	Wamic	5.97	80	↓P	Pn	01 46 55.1 -0.6
PGC	Sidney	5.97	43	ePn	Pn	01 46 55.4 -0.4
D05A	Enumclaw	6.00	60	↓P	Pn	01 46 56.7 +0.6
H05A	Madras	6.02	85	↑P	Pn	01 46 55.7 -0.7
O01C	Eel River Cons	6.12	133	↑P	Pn	01 46 57.2 -0.6
J05A	Fort Rock	6.19	98	↑P	Pn	01 46 58.4 -0.4
A04A	Legoe Bay, Lum	6.39	46	↓P	Pn	01 47 02.4 +0.9
C05A	Toit Reservoir	6.40	57	↑P	Pn	01 47 01.8 +0.1
F06A	Goldendale	6.40	75	↑P	Pn	01 47 01.6 -0.1
E06A	Yakima	6.43	68	↓P	Pn	01 47 02.5 +0.4
G06A	Carlson Farm,	6.45	80	↑P	Pn	01 47 01.8 -0.6
B05A	Bryant	6.45	51	↓P	Pn	01 47 02.9 +0.5
JCW	Jim Creek	6.51	52	ePn	Pn	01 47 03.5 +0.3
WDC	Whitkeytown Da	6.53	124	ePn	Pn	01 47 04.1 +0.6
H06A	Lindquist Farm	6.65	85	↓P	Pn	01 47 04.3 -0.8
D06A	Ele Elum	6.72	63	↑P	Pn	01 47 06.5 +0.5
RPW	Rockport	6.88	52	↓P	Pn	01 47 08.5 +0.2
B06A	Marblemount	6.93	51	↓P	Pn	01 47 09.6 +0.6
J06A	Christmas Vall	6.97	97	↓P	Pn	01 47 09.5 0.0
C06A	Tall Timber Ra	6.98	57	↓P	Pn	01 47 10.6 +0.9
F07A	Phinny Hill Vi	7.01	75	↓P	Pn	01 47 10.0 -0.1
G07A	Ruggs Ranch, H	7.13	80	↓P	Pn	01 47 11.6 -0.2
E07A	Sunnyside	7.19	70	↓P	Pn	01 47 12.6 +0.2
ETW	Entiat	7.20	61	ePn	Pn	01 47 13.2 +0.6
H07A	Lands Inn, Kim	7.21	86	↓P	Pn	01 47 12.2 -0.6
MOD	Modoc	7.29	107	ePn	Pn	01 47 15.2 +1.3
RSW	Rattlesnake Hi	7.33	71	ePn	Pn	01 47 15.1 +0.7
H0P5	Hopland	7.36	136	ePn	Pn	01 47 12.8 -2.0
HAWA	Hanford	7.37	71	ePn	Pn	01 47 15.3 +0.4
C07A	Waterville	7.40	61	↓P	Pn	01 47 15.6 +0.3
G08A	Pilot Rock	7.63	80	↓P	Pn	01 47 17.7 -0.9
B07A	Winthrop	7.69	55	↑P	Pn	01 47 19.8 +0.5
E08A	Dider Farm, El	7.71	71	↓P	Pn	01 47 19.6 0.0
MNRC	McLaughlin Nat	7.76	134	↓P	Pn	01 47 19.4 -1.0
BBB	Bella Bella	7.78	7	Pn	Pn	01 47 23.4 +2.8
BBB	Bella Bella	7.78	7	Sn	Sn	01 48 47.9 -0.9
BBB	Bella Bella	7.78	7	Sn	Sn	01 47 23.4 +2.8
BBB	baz=87,slow=18,SNR=1.2			Sn	Sn	01 48 47.9 -0.9
BBB	0.7nm,0.3s,baz=201,slow=8.2,SNR=3.5			T	T	01 54 10.9
A07A	Ashnola River,	7.83	51	↓P	Pn	01 47 21.9 +0.6
H08A	Prairie City	7.85	86	↑P	Pn	01 47 21.6 +0.1
D08A	Wollman Farm,	7.93	67	↓P	Pn	01 47 22.8 +0.2
B08A	Colville Reser	8.11	58	↑P	Pn	01 47 25.3 +0.1
LNOR	Linton Mounta	8.15	76	ePn	Pn	01 47 25.4 -0.2
OD2	Odessa Site #2	8.16	65	ePn	Pn	01 47 24.7 -1.1
D09A	Jones Farm, Ri	8.34	68	↓P	Pn	01 47 27.7 -0.5
A08A	Turner Farm, O	8.48	54	↓P	Pn	01 47 29.6 +0.3
G09A	Cove	8.47	80	↓P	Pn	01 47 29.6 -0.4
H09A	Durkee	8.56	85	↑P	Pn	01 47 30.7 -0.6
C09A	Chrisman Ranch	8.57	63	↑P	Pn	01 47 31.2 -0.2
BMO	Blue Mountains	8.80	83	ePn	Pn	01 47 33.6 -1.0
A09A	Danville	8.83	55	↓P	Pn	01 47 35.1 +0.2
B09A	Rice	8.86	59	↑P	Pn	01 47 35.0 -0.4
D1B	Dawson Inlet,	8.93	349	T	T	01 56 51.9
G10A	Bishop Farm, J	8.93	80	↓P	Pn	01 47 36.5 +0.1
VIB	Van Inlet	8.99	349	T	T	01 56 55.7
WCN	Washoe City	9.00	122	↑P	Pn	01 47 37.0 -0.3
D10A	Wagner Farm, O	9.02	69	↓P	Pn	01 47 37.6 0.0
S04C	Ingram Canyon,	9.38	135	↓P	Pn	01 47 41.9 -0.6
CMB	Columbia Colle	9.48	130	ePn	Pn	01 47 44.1 +0.2
CMB	Columbia Colle	9.48	130	↑P	Pn	01 47 43.5 -0.4
G11A	Walters Elk Ra	9.53	80	↑P	Pn	01 47 45.3 +0.6
E11A	Bogner Ranch,	9.64	74	↑P	Pn	01 47 46.7 +0.6
D11A	Klaveano Farm,	9.65	70	↑P	Pn	01 47 46.5 +0.3
R06C	Coleville	9.68	124	↑P	Pn	01 47 46.7 0.0
H11A	Donnelly	9.73	84	↑P	Pn	01 47 47.9 +0.5
P06C	Pacheco Peak	9.78	137	↑P	Pn	01 47 48.3 +0.2
SACF	San Francisco	9.89	128	↓P	Pn	01 47 49.4 -0.1
S05C	Merced	10.01	132	↑P	Pn	01 47 51.2 0.0
BMN	Battle Mountai	10.03	109	ePn	Pn	01 47 50.5 -0.9
A11A	Hall Mountain,	10.16	59	↓P	Pn	01 47 53.1 -0.1
NVAR	Mina Arrow Bea	10.42	121	Pn	Pn	01 47 57.8 +0.8
D13A	Huson	10.93	71	↑P	Pn	01 48 04.0 +0.3
C13A	Hot Springs	10.95	68	↓P	Pn	01 48 04.8 +0.8
HLID	Hailey	11.01	89	ePn	Pn	01 48 05.3 +0.5
E13A	Victor	11.04	74	↓P	Pn	01 48 05.7 +0.5
B13A	Whitefish	11.18	64	↑P	Pn	01 48 07.8 +0.7
MSO	Missoula	11.24	72	ePn	Pn	01 48 07.8 -0.2
ELK	Elko	11.25	104	ePn	Pn	01 48 10.1 +1.9
ELK	Elko	11.25	104	Pn	Pn	01 48 10.6 +2.4
A13A	Flathead Nat	11.37	62	↓P	Pn	01 48 10.9 +1.2
C14A	Swan Lake	11.51	68	↑P	Pn	01 48 12.4 +0.7
D14A	Greenough	11.57	71	↑P	Pn	01 48 13.5 +1.0
F14A	Wisdom	11.57	78	↑P	Pn	01 48 13.6 +1.0

baz=12						
MCMT	McKenzie Canyo	11.97	82	ePn	Pn	01 48 20.1 +2.1
WRK	Wrangell Islan	12.08	353	ePn	Pn	01 48 19.0 -0.5
E15A	Dee Edge	12.10	75	↓P	Pn	01 48 20.8 +1.0
DLMT	Dillon	12.12	80	ePn	Pn	01 48 18.5 -1.5
F15A	Butte	12.19	78	↓P	Pn	01 48 21.9 +0.9
G15A	Dillon	12.21	81	↓P	Pn	01 48 21.8 +0.6
D15A	Lincoln	12.23	72	↓P	Pn	01 48 22.1 +0.5
ISA	Isabella	12.26	132	ePn	Pn	01 48 22.6 +0.6
ISA	Isabella	12.26	132	↑P	Pn	01 48 22.4 +0.3
M14A	Sheep Mountain	12.30	98	↓P	Pn	01 48 23.1 +0.6
TPNV	Topopah Spring	12.63	122	ePn	Pn	01 48 29.2 +2.2
BGU	Big Grassy Mou	12.72	100	ePn	Pn	01 48 29.3 +1.0
BOZ	Bozeman (W)	12.79	78	ePn	Pn	01 48 30.0 +0.7
BOZ	Bozeman (W)	12.79	78	↑P	Pn	01 48 30.0 +0.7
M15A	Laram Ranch,	12.95	97	↓P	Pn	01 48 31.8 +0.4
SPUT	South Promonto	13.00	98	ePn	Pn	01 48 33.1 +1.0
EDW2	Edwards Air Fo	13.12	133	↑P	Pn	01 48 33.5 -0.1
DUG	Dugway	13.16	103	ePn	Pn	01 48 35.2 +0.9
DUG	Dugway	13.16	103	↑P	Pn	01 48 34.4 +0.1
RRI2	Red Ridge	13.26	88	ePn	Pn	01 48 37.2 +1.5
R13A	O'Grain Ranch,	13.34	113	↓P	Pn	01 48 37.1 +0.3
Q14A	Sevier Lake (B	13.39	108	↓P	Pn	01 48 38.2 +0.8
IMW	Indian Meadow	13.44	86	ePn	Pn	01 48 40.8 +2.8
GSC	Goldstone	13.44	129	ePn	Pn	01 48 39.7 +1.5
TPAW	Tetah Pass	13.50	88	ePn	Pn	01 48 41.4 +2.5
L16A	Fish Haven	13.50	94	↓P	Pn	01 48 39.5 +0.5
AHD	Auburn Hatcher	13.55	91	ePn	Pn	01 48 43.4 +4.1
M19A	Huntsville	13.58	97	↑P	Pn	01 48 40.4 +0.4
FLWY	Flagg Ranch	13.58	85	ePn	Pn	01 48 43.0 +3.0
REDW	Red Top Meadow	13.60	88	ePn	Pn	01 48 42.6 +2.4
MOOW	Moose Ponds	13.60	86	ePn	Pn	01 48 42.3 +2.0
SNOW	Snow King Moun	13.65	88	ePn	Pn	01 48 42.5 +1.6
LOHW	Long Hollow	13.73	87	ePn	Pn	01 48 43.2 +1.2
S13A	Holt Ranch, En	13.75	115	↑P	Pn	01 48 43.0 +0.6
NLU	North Lily Min	13.78	103	ePn	Pn	01 48 43.7 +1.0
ARUT	Antelope Range	13.81	113	ePn	Pn	01 48 45.7 +1.2
JLU	Jordanelle	13.96	100	ePn	Pn	01 48 45.8 +0.6
DLBC	Dease Lake	13.99	359	ePn	Pn	01 48 48.5 +3.2
T13A	Saint George	14.05	117	↓P	Pn	01 48 47.2 +0.8
HEC	Heed, Ludlow	14.05	129	↓P	Pn	01 48 47.1 +0.7
MPU	Maple Canyon	14.06	102	ePn	Pn	01 48 47.9 +1.4
CCUT	Cedar City	14.09	114	ePn	Pn	01 48 48.7 +1.7
DAU	Daniels Canyon	14.17	100	ePn	Pn	01 48 49.6 +1.6
MSU	Marysville	14.37	108	ePn	Pn	01 48 52.8 +2.0
U13A	Pakoon Wash	14.38	119	↑P	Pn	01 48 51.9 +0.9
R15A	Junction	14.46	110	↑P	Pn	01 48 52.0 +0.1
GMRC	Granite Mounta	14.47	127	↑P	Pn	01 48 53.0 +0.9
RLMT	Red Lodge	14.48	80	ePn	Pn	01 48 53.6 +1.3
TL14A	Hurricane	14.55	115	↓P	Pn	01 48 54.0 +0.7
LDPC	Landfair	14.57	125	ePn	Pn	01 48 53.5 -0.1
BW06	Boulder Array	14.65	90	ePn	Pn	01 48 56.6 +2.1
PDAR	Pinedale Array	14.65	90	ePn	Pn	01 48 57.5 +2.9
V13A	Grand Canyon W	14.73	120	↓P	Pn	01 48 56.0 +0.3
Q16A	Castle Valley	14.87	106	↑P	Pn	01 48 58.1 +0.6
U14A	Mt Trumbull	14.88	117	↑P	Pn	01 48 58.3 +0.6
PFO	Pinyon Flat Ob	14.90	132	Pn	Pn	01 48 57.6 -0.4
PFO	Pinyon Flat Ob	14.90	132	↓P	Pn	01 48 58.7 +0.6
T15A	Red Dirt Ranch	15.04	114	↓P	Pn	01 49 00.1 +0.2
SRU	San Rafael	15.22	104	ePn	Pn	01 49 04.7 +2.3
SRU	San Rafael	15.22	104	↑P	Pn	01 49 03.1 +0.7
W13A	Hualapai Mount	15.29	122	↓P	Pn	01 49 04.1 +0.9
V14A	Boquillas Ranc	15.42	119	↑P	Pn	01 49 05.3 +0.4
R17A	Hanksville Air	15.42	107	↓P	Pn	01 49 05.6 +0.7
U15A	North Rim	15.44	115	↓P	Pn	01 49 06.1 +0.9
MONP	Monument Peak	15.48	134	↑P	Pn	01 49 05.9 +0.2
Q18A	Rafter H Ranch	15.50	103	↓P	Pn	01 49 06.3 +0.3
BAR	Barrett	15.52	135	ePn	Pn	01 49 03.0 -3.2
R18A	Canyonlands Na	16.00	106	↑P	Pn	01 49 12.6 +0.1
Q19A	Hogan Spring (	16.17	103	↑P	Pn	01 49 14.5 -0.2
GLA	Glamis	16.21	130	ePn	Pn	01 49 15.2 0.0
GLA	Glamis	16.21	130	↑P	Pn	01 49 15.0 -0.1
S18A	Hurst Farm, BI	16.27	108	↑P	Pn	01 49 16.2 +0.2
R19A	Curley Farm, L	16.48	105	↓P	Pn	01 49 18.6 0.0
LAO	Las Arroy	16.54	74	ePn	Pn	01 49 19.8 +0.6
RWWY	Rawlins	16.62	92	ePn	Pn	01 49 21.3 +1.0
T18A	Mexican Hat	16.64	109	↓P	Pn	01 49 20.9 +0.2
X15A	Humboldt	16.70	121	↓P	Pn	01 49 21.9 +0.5
W16A	Flagstaff	16.75	118	↓P	Pn	01 49 22.4 +0.3
HYT	Haines Junctio	17.04	347	ePn	Pn	01 49 28.0 +2.5
MVCO	Mesa Verde	17.54	107	ePn	Pn	01 49 32.3 +0.4
SMCO	Snowmass	17.68	100	ePn	Pn	01 49 34.3 +0.6
DAGM	Dagmar	17.95	68	ePn	Pn	01 49 37.9 +1.0
PHWY	Pilot Hill	17.99	92	ePn	Pn	01 49 38.2 +0.8
RAGD	Ragged Mountai	18.31	336	ePn		

27d 2h

Table with columns for station name, coordinates, and various parameters. Includes stations like Beijing, Gorron, Zalesovo, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like Erkin-Say, Port Moresby, Guiyang, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like ESKdalemir Ar, TORD Torodi Ar, ARCES ARCESS Array B, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Heimgroevae, Membach, Koepfel, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mount Hebo, Soap Creek Ran, F03A, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pinedale Array, San Rafael, LAO, etc.

ISCJB 27 02:19:44.9:0.5, 4831N:003:658E:0.03, h14km, 4km, Error ellipse: s-maj=4.5km s-min=3.4km az=12.3

NEIC 27 02:05:43.0, 3834S:176.10E, h167km, MG3.7(WEL), After WEL

WEL 27 02:05:43.0:0.2, 3834S:176.10E, h167km, 4km, ML3.7/5, Error ellipse: s-maj=2.7km s-min=2.1km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Karewarewa, West Tongariro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H00D, E05A, F05A, etc.

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

THE 27 02:43:59.6, 3927N:2006E, h0km, ML3.3, Error ellipse: s-maj=6.7km s-min=3.0km az=2.8

CSEM 27 02:44:00.9:0.2, 3928N:2016E, h8km, ML3.3, Error ellipse: s-maj=4.2km s-min=1.5km az=100.0

ATH 27 02:44:01.6, 3926N:2024E, h14km, 5km, MD3.5/4, Error ellipse: s-maj=6.7km s-min=3.0km az=2.8

NEIC 27 02:44:01.6, 3926N:2024E, h14km, MD3.5(ATH), After ATH

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

NEIC 27 02:07:52.3:1.4, 4445N:130.14W, h10km, mb3.9/15, Error ellipse: s-maj=19.7km s-min=10.0km az=103.0

ISC 27 02:07:52.9:1.2, 4432N:006:130W:0.1, h10km, n73, Error ellipse: s-maj=13.4km s-min=10.0km az=103.0

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

NEIC 27 02:09:08.2:1.8, 4442N:130.79W, h10km, mb3.9/15, Error ellipse: s-maj=23.7km s-min=15.6km az=100.0

ISC 27 02:09:17.1:10.0, 4488N:129.43W, h0km, mb3.4/1, Ms1 3.7/3, ms1mx3.4/22, mbtmpp.3/3, ML3.4/2, MS3.3/1, Ms1 3.7/3, ms1mx2.5/13, Error ellipse: s-maj=131.4km s-min=82.1km az=124.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H02A, H02A, etc.

NEIC 27 02:51:57.8:3.3, 4439N:129.78W, h10km, mb3.6/3, Error ellipse: s-maj=42.7km s-min=17.2km az=91.0, Off coast of Oregon

ISC 27 02:51:57.8:3.3, 4439N:129.78W, h10km, mb3.6/3, Error ellipse: s-maj=42.7km s-min=17.2km az=91.0, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H02A, H02A, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HOOD Mount Hood Mea, GSM Grass Mountain, etc.

BUI 27 03:02:56.5, 4450N, 13020W, h10km, mb4.9, mb5.0, Ms4.4, Ms2.1
IDC 27 03:02:59.3, 1.4432N, 12986W, h0km, mb3.5/5, mb1 3.9/9, mb1mx3.7/26, mbtmp3.6/9, ML3.4/4, MS3.4/10, Ms1 3.4/10, ms1mx3.1/30, Error ellipse: s-maj=51.0km s-min=28.7km az=63.0

NEIC 27 03:03:00.2, 0.8, 4452N, 130.19W, h10km, mb4.1/22, Error ellipse: s-maj=10.2km s-min=5.8km az=86.0
ISCJB 27 03:03:02.3, 0.7, 4449N, 130.003, 12964W, 0.08h, h10km, mb4.4/20, MS3.4/7, Error ellipse: s-maj=8.2km s-min=4.7km az=7.3

ISC 27 03:03:01.5, 0.7, 4450N, 13000W, 0.08h, h10km, n137, c123/142, mb4.4/20, MS3.4/7, 22C-18D, Off coast of Oregon

Main station list table for Oregon with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KEBM Edson Butte, HEBO Mount Hebo, KMOR Kings Mountain, etc.

Main station list table for Oregon with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WALA Waterton Lakes, CHMT Chamberlain Mo, MCMT McKenzie Canyon, etc.

Main station list table for Oregon with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCW Jim Creek, RPW Rockport, ETW Entiat, etc.

SZGRF 27 03:30:13.6, 21.08S, 17873W, h33km, Fiji Islands region
ISCJB 27 03:31:16.9, 2.1, 200S, 0.1, 17825W, 0.09h, h58km, mb28km, mb4.0/23, Error ellipse: s-maj=18.5km s-min=9.2km

NEIC 27 03:31:17.5, 2.5, 1997S, 17817W, h58km, mb29km, mb4.4/14, Error ellipse: s-maj=15.7km s-min=12.5km az=200.0
IDC 27 03:31:20.4, 2.5, 1992S, 17829W, h60km, mb31km, mb3.4/11, mb1 3.6/11, mb1mx3.5/17, mbtmp3.4/11, Error ellipse: s-maj=18.5km s-min=12.5km az=151.0

ISC 27 03:31:18.2, 2.3, 200S, 0.1, 17823W, 0.09h, h58km, mb28km, n55, c073/34, mb4.0/23, 1C-2D, Fiji Islands region

Main station list table for Oregon with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Towers, etc.

BJJ 27 03:51:25.1, 1413Sx176W17V, h10km, mB5.1, mb5.0, Ms5.0, Msz4.7
ISC 27 03:51:29.6:3.9, 1468Sx009x17554W,006,h62km,36km, n585,e046/460,mb4.9/70,148C-128D,Samoa Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like AF1 Afamalu, AFI Afamalu, AFI Afamalu, AFI Raoul Island, RAR Rarotonga, DZM Mont Dzumac, Urewera, HNR Honiara, PPT Papeete, PPT Papeete, PPT Papeete, PAE Paea, TIAR Tiarei, TVO Taravao, TBI Tubou Bar, PMOR Pomariorio Ree, CTAO Charters Tower, CTAO Charters Tower, RKT Rikitea, RKT Rikitea, STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, KAKA Kakadu, FORT Forrest, CBJ Chichi jima, BATI Baumata, MBWA Marble Bar, NWA0 Narogin (SRO), SBA Scott Base, SBA Scott Base, Vnda Vanda, Vnda Vanda, Vnda Vanda, Vnda Vanda, MJAR Matsushiro Arr, MJAR Matsushiro Arr, JOW Kumigami, CASY Casey, PET Petropavlovsk, PET Petropavlovsk, PETK Petropavlovsk, FARB Farallon Island, YSS Yuzh-Sakhalins, BSC Santa Cruz Isl, HAST Hastings Reser, V04C Ramage Ranch, SCI San Clemente I, PKD Parkfield, SMMC Simmler, U04C Hernandez Rese, PACP Pacheco Peak, CVS Carmenet Viney, WENL Wente Brothers, S04C Ingram Canyon, MNRC McLaughlin Nat, Q03C Winters, G03B Alder Springs, ARVC Arvin, 109C Camp Elliot, M, S05C Merced, VES Vestal, Richgr, O02C Red Bluff, R04C Big Horse Ranch, SUTB Sutter Butte, MURC Murrieta, BFSC Mount Baldy St, T06C Millerton Lake, EDW2 Edwards Air Fo, ISA Isabella, ISA Isabella, ISA Isabella, CMB Columbia Colle, CMB Columbia Colle

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CMB Columbia Colle, MONP Monument Peak, OHCM Honcut, O03C Acorn Hollow, WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da, DVTC Desert V Tower, ORV Orville, HELL Mitchell Peak, LAVA Lava Cap Winer, S06C San Francisco, KCC Kaiser Creek, PFO Pinyon Flat Ob, M02C Callahan, LRMC Laurel Mountai, SWSC Sam W. Stewart, P05C Yuba Gap, Truc, R05C Kirkwood Meado, KSR5 Korea Arr, KSR5 Korea Arr, CWC Cottonwood Cre, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, O05C Quincy, M03C McCleoud, MLAC Mammoth Lakes, MTUM Tungsten Hills, K02A Glenale, O04C Chester, BELC Belle Mtn, MPMC Manual Propsec, R06C Coleville, TIN Tinemaha, HATC Hat Creek REDI, R07C Lee Vining, GSC Goldstone, GSC Goldstone, GSC Goldstone, BEKR Beckworth, HEC Hector Ludlow, HUMO Hull Mountain, HUMO Hull Mountain, WCN Big Chief Mtn, BC3 Washoe City, J02A Umpqua, S08C White Mtn Res, 112A Yuma, P06A Stead Airport, M04C Macdoel, ELFS Eagle Lake Fie, GLA Glamis, GLA Glamis, GLA Glamis, GLA Glamis, J02A Van Inlet, M05C Lookout, GRAC Grapevine Rang, GMRC Granite Mounta, FURC Furnace Creek, O06A Flanigan, PAHR Pah Rah Range, NVAR Mina Array Bea, NVAR Mina Array Bea, R08A Mina, M06C Likely Place G, QSPA South Pole Qui, Y12C Glyde, U10A Ash Meadows, A, N06A Buffalo Wash, 113A Mohawk Valley, S09A Goldfield, J04A Umpqua Nationa, L05A Lakeview, Q08A Gabbs, I04A Tendick Farm, TPH Tonopah, TPH Tonopah, H03A Soap Creek Ran, O07A Toulon, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like TPNV Topopah Spring, V11A Goodsprings, MOD Modoc, MOD Modoc, MOD Modoc, R09A Tonopah, W12A Cal Nev Ari, K05A Summer Lake, Y13A Salome, P08A Dixie Valley, N07B Getlach, S10A Tonopah Range, J05A Fort Rock, G03A Yamhill, Q09A Carvers, V12A Nelson, M07A Soldier Meadow, X13A Yucca, F03A Seaside, H04A Detroit Lake, K06A Valley Falls, Z14A Wintersburg, R10A Warm Springs, S11A Rachel, L07A Adell, G04A Mulino, W13A Hualapai Mount, P09A Austin, N08A GE Springer Mi, I05A Bend, Y14A Wickenburg, T11A Corn Creek, Al, Q10A Clear Creek Ra, J06A Christmas Vall, U12A Valley of Fire, E03A Lehigh, T12A Moapa, M08A Happy Creek Ra, V13A Grand Canyon W, O09A Fish Creek Ran, BMW Boistfort Moun, H05A Madras, Z16A Three Points, K07A Rock Creek Ran, Z15A Gila River Ind, X14A Yava, 116A Eloy, R11A Troy Canyon, C, BMN Battle Mountai, BMN Battle Mountai, D03A Wishkah Elm, F04A Amboy, N09A Rock Creek Ran, DIB Dawson Inlet, P10A Eureka, VIB Van Inlet, J06A Prineville, S12A Delamar Landin, U13A Pakoon Wash, Y15A Casa Rosa Ranc, VFP Flat Top, WVOR Wild Horse Val, WVOR Wild Horse Val, W14A Seligman, Q11A Duckwater, G05A Wame, L08A Fields, Z17A Green Valley, J07A Hines, TDL Tradecollar La, V14A Boullier Ranch, M09A Marrel Ranch, O10A Cortez Mining, K08A Mann Creek Ran, X15A Humboldt, T13A Saint George, H06A Lindquist Farm, F05A White Salmon, Z16A Peralta Trail, L09A Wilkin Ranch, TUC Tucson, TUC Tucson, I07A Izee, G06A Carlson Farm

N10A	Dunphy	77.59	42	U	P	04 03 19.5 +0.3
R12A	Pony Springs,	77.63	45	U	P	04 03 19.5 +0.1
SLKM	Skilak Lake	77.64	13	eP	P	04 03 18.6 -0.4
U14A	Mt Trumbull	77.69	47	P	P	04 03 20.5 +0.7
117A	Oracle	77.70	51	P	P	04 03 20.6 +0.6
HDW	Hoodsport	77.71	33	P	P	04 03 20.4 +0.7
Y16A	Circle Bar Ranch	77.74	50	U	P	04 03 20.5 +0.4
E05A	Randle	77.74	35	P	P	04 03 19.8 -0.1
W15A	Williams	77.76	48	U	P	04 03 20.8 +0.6
S13A	Holt Ranch, En	77.77	46	P	P	04 03 20.7 +0.4
GNW	Green Mountain	77.78	33	P	P	04 03 19.9 -0.2
318A	Bisbee	77.78	53	P	P	04 03 20.9 +0.4
J08A	Circle Bar Ranch	77.79	39	U	P	04 03 20.4 +0.2
C04A	Brinnon	77.80	33	U	P	04 03 20.4 +0.2
F06A	Goldendale	77.82	36	U	P	04 03 20.1 -0.2
Q12A	Willow Creek R	77.84	44	U	P	04 03 20.6 0.0
H07A	Lands Inn, Kim	77.84	37	P	P	04 03 20.4 -0.1
O11A	Cowboy Ranch,	77.84	43	P	P	04 03 20.8 +0.2
K09A	Rome	77.89	40	P	P	04 03 20.9 +0.1
WPW	White Bass	77.94	35	P	P	04 03 21.3 +0.3
218A	Dragon	77.97	52	U	P	04 03 21.5 0.0
R13A	O'Grain Ranch,	77.99	45	U	P	04 03 21.8 +0.3
D05A	Ennumack	78.00	34	U	P	04 03 21.7 +0.4
M10A	L.L. Ranch, Tu	78.00	41	U	P	04 03 21.7 +0.3
P12A	McGill	78.00	44	U	P	04 03 21.6 +0.1
X16A	Lo Mia Camp, P	78.01	49	U	P	04 03 22.2 +0.5
I08A	Drewsey	78.04	38	U	P	04 03 22.3 +0.7
T14A	Hurricane	78.06	46	U	P	04 03 21.8 -0.1
V15A	Kaibab Nationa	78.12	48	P	P	04 03 23.1 +0.8
Y17A	Roosevelt	78.13	50	P	P	04 03 22.7 +0.4
N11A	Elko Archery C	78.15	42	U	P	04 03 22.2 -0.1
G07A	Rugs Ranch, H	78.17	37	P	P	04 03 22.1 -0.1
E06A	Yakima	78.17	35	U	P	04 03 21.8 -0.5
J09A	Fry Pan Ranch,	78.22	39	U	P	04 03 22.8 +0.1
Z17A	San Carlos Hig	78.23	51	U	P	04 03 23.5 +0.6
W16A	Flagstaff	78.25	49	U	P	04 03 23.3 +0.3
319A	Douglas	78.30	53	P	P	04 03 23.8 +0.4
118A	Homack Ranch,	78.32	52	P	P	04 03 23.8 +0.4
U15A	North Rim	78.32	47	P	P	04 03 24.1 +0.7
H08A	Prairie City	78.32	38	U	P	04 03 22.8 -0.3
L10A	Juniper Basin	78.34	41	U	P	04 03 23.6 +0.3
Q13A	Wheeler Ranch,	78.34	44	U	P	04 03 23.2 -0.2
S14A	Cedar City	78.34	46	U	P	04 03 23.6 +0.2
F07A	Phinny Hill Vi	78.38	36	U	P	04 03 23.2 -0.2
M11A	Holland Ranch,	78.43	42	U	P	04 03 24.0 +0.2
ELK	Elko	78.43	42	eP	P	04 03 23.6 -0.2
ELK	Elko	78.43	42	eP	P	04 03 23.7 -0.1
X17A	Forest Lakes	78.44	50	U	P	04 03 24.4 +0.4
K10A	MacKenzie Ran	78.46	40	P	P	04 03 24.0 +0.1
Z18A	Geronomo	78.46	51	U	P	04 03 24.4 +0.2
C05A	Toll Reservoir	78.47	34	P	P	04 03 24.0 +0.1
O12A	Currie	78.51	43	P	P	04 03 24.3 0.0
T15A	Red Dirt Ranch	78.54	47	U	P	04 03 24.9 +0.4
WUAZ	Wupatki	78.56	49	eP	P	04 03 25.2 +0.5
WUAZ	Wupatki	78.56	49	U	P	04 03 25.1 +0.4
I09A	Lost Marbles R	78.58	39	U	P	04 03 23.6 -1.0
219A	White Tail Can	78.58	53	P	P	04 03 25.4 +0.5
G08A	Pilot Rock	78.59	37	P	P	04 03 24.8 +0.2
P13A	Bates Ranch, G	78.59	44	U	P	04 03 25.0 +0.2
N05A	Bryant	78.59	33	U	P	04 03 24.4 -0.1
B12A	Clover Valley,	78.62	42	U	P	04 03 24.9 +0.1
D06A	Cle Elum	78.63	35	U	P	04 03 25.0 +0.3
R14A	James Farms, M	78.70	45	U	P	04 03 25.7 +0.3
Y18A	Canyon Day Jun	78.77	51	P	P	04 03 26.7 +0.9
E07A	Sunnyside	78.81	36	U	P	04 03 25.8 0.0
L11A	Cat Creek Ranc	78.84	41	P	P	04 03 26.3 +0.3
W17A	Winslow	78.84	49	U	P	04 03 26.8 +0.5
RSW	Rattlesnake Hi	78.86	36	eP	P	04 03 25.9 -0.1
Q14A	Sevier Lake (B	78.86	45	U	P	04 03 26.3 +0.1
S15A	Panguitch	78.86	46	U	P	04 03 27.3 +1.0
J10A	Berg Farm, Mel	78.87	39	U	P	04 03 25.7 -0.5
119A	Ashpeak Ranch,	78.88	52	P	P	04 03 27.2 +0.7
HAWA	Hanford	78.89	36	eP	P	04 03 26.3 0.0
O13A	Hicks Ranch, I	78.95	43	U	P	04 03 26.7 0.0
K11A	Parker Ranch,	78.98	40	U	P	04 03 26.6 -0.1
F08A	Pendleton	78.98	37	U	P	04 03 26.5 -0.3
M12A	Wells	78.99	42	U	P	04 03 26.8 -0.1
H09A	Durkee	79.00	38	U	P	04 03 26.4 -0.4
U16A	Tuba City	79.02	48	U	P	04 03 27.5 +0.3
D07A	Quincy	79.11	35	U	P	04 03 27.3 -0.1
Z19A	T-Link Ranch,	79.13	51	U	P	04 03 28.6 +0.7
T16A	Glen Canyon Da	79.14	47	U	P	04 03 28.4 +0.6
ETW	Entiat	79.15	34	P	P	04 03 27.8 +0.2
N13A	Wendover, West	79.17	43	U	P	04 03 27.9 0.0
R15A	Junction	79.17	46	U	P	04 03 28.6 +0.7
I10A	Payette	79.21	39	U	P	04 03 28.3 +0.3

E08A	Dider Farm, El	79.22	36	U	P	04 03 27.7 -0.2
CN2	Changchun	79.22	321	eP	P	04 03 29.5 +1.4
CN2				eX	P	04 03 26.0 -1.6
CN2				eS	P	04 13 28.5 +5.2
CN2	comp=Z,1.0nm,0.6s,mb4.9			AMB	AMB	
CN2	comp=Z,200nm,3.0s			AMB	AMB	
CN2	comp=N,200nm,17.0s			LR	LR	
CN2	comp=E,200nm,17.0s			LR	LR	
CN2	comp=Z,200nm,19.0s			LR	LR	
G09A	Cove	79.27	37	U	P	04 03 27.9 -0.4
L12A	House Creek Ra	79.30	41	U	P	04 03 28.9 +0.3
P14A	Drum Mountains	79.30	44	U	P	04 03 28.3 -0.3
LNOR	Linton Mounta	79.31	37	eP	P	04 03 28.2 -0.3
C07A	Waterville	79.35	35	U	P	04 03 27.9 -0.8
WTV	Waterville	79.41	35	P	P	04 03 28.9 -0.1
Y19A	Nutrioso	79.43	51	P	P	04 03 30.6 +1.1
F09A	S2 Ranch, Elgi	79.44	37	U	P	04 03 29.2 0.0
MFID	Camas Ranch	79.45	40	U	P	04 03 29.1 -0.3
Q15A	Fillmore	79.48	45	U	P	04 03 29.7 +0.1
H10A	Noah's Angus R	79.51	38	U	P	04 03 29.1 -0.6
U17A	Shonto	79.57	48	U	P	04 03 30.7 +0.6
W18A	Retrified Fore	79.58	49	U	P	04 03 30.4 +0.1
X19A	St. Johns	79.61	50	U	P	04 03 31.1 +0.7
D08A	Woolan Farm,	79.62	35	U	P	04 03 29.7 -0.5
K12A	Draper Farm, C	79.62	41	U	P	04 03 30.1 -0.2
I11A	Placerville	79.63	39	U	P	04 03 29.9 -0.4
G10A	Bishop Farm, J	79.67	38	P	P	04 03 30.3 -0.2
V18A	Ganado	79.70	49	P	P	04 03 31.5 +0.7
E09A	Wood Farm, Sta	79.75	36	U	P	04 03 30.1 -0.8
DUG	Dugway	79.76	44	eP	P	04 03 30.8 -0.3
DUG	Dugway	79.76	44	eP	P	04 03 30.8 -0.3
DUG	comp=Z,1.3nm,1.2s,mb4.7			pmx	pmx	
DUG	Dugway	79.76	44	U	P	04 03 31.0 -0.1
B07A	Winthrop	79.77	34	P	P	04 03 30.8 -0.2
J12A	Stokes Ranch,	79.81	40	U	P	04 03 31.2 -0.1
P15A	Leamington	79.82	45	U	P	04 03 31.3 -0.2
W19A	Sanders	79.83	50	U	P	04 03 32.1 +0.5
N14A	Grayback Hills	79.83	43	U	P	04 03 31.4 -0.1
OD2	Odessa Site #2	79.92	35	eP	P	04 03 31.4 -0.4
L13A	Double Diamond	79.95	42	U	P	04 03 32.3 +0.2
C08A	Hightbottom F	79.96	35	U	P	04 03 31.7 -0.3
D09A	Jones Farm, Ri	79.96	36	U	P	04 03 31.9 -0.1
A07A	Ashnola River,	79.97	33	U	P	04 03 31.9 -0.1
F10A	Beach Ranch, E	79.98	37	U	P	04 03 31.6 -0.5
H11A	Donnelly	80.02	39	U	P	04 03 32.1 -0.2
O15A	The Old Anders	80.03	44	U	P	04 03 32.4 -0.2
M14A	Sheep Mountain	80.05	42	U	P	04 03 32.7 +0.1
U18A	Rough Rock, Ch	80.06	48	U	P	04 03 33.2 +0.4
B08A	Colville Reser	80.14	34	U	P	04 03 31.9 -1.0
K13A	Stover Ranch, H	80.15	41	U	P	04 03 33.2 +0.1
G11A	Walters Elk Ra	80.23	38	P	P	04 03 33.2 -0.4
P16A	Fountain Green	80.26	45	U	P	04 03 34.4 +0.6
Q16A	Castle Valley	80.27	46	U	P	04 03 34.4 +0.5
N15A	Stansbury Isla	80.29	43	U	P	04 03 33.4 -0.6
TRF	Thorofare Moun	80.31	31	eP	P	04 03 32.8 -0.7
V19A	Window Rock	80.34	49	U	P	04 03 34.8 +0.4
R17A	Hanksville Air	80.36	46	U	P	04 03 34.2 -0.2
T18A	Mexican Hat	80.37	48	P	P	04 03 35.1 +0.6
L14A	Malta	80.38	42	U	P	04 03 34.3 -0.1
C09A	Chrisman Ranch	80.40	35	U	P	04 03 34.0 -0.3
HLID	Halt	80.40	40	eP	P	04 03 34.8 +0.3
J13A	Cove Ranch, Pi	80.47	40	U	P	04 03 35.2 +0.4
A08A	Turner Farm, O	80.51	34	P	P	04 03 34.9 0.0
S18A	Hurst Farm, BI	80.53	47	U	P	04 03 35.1 -0.3
PNT	Penticton	80.54	33	U	P	04 03 34.8 -0.3
D10A	Wagner Farm, O	80.55	36	U	P	04 03 34.2 -1.0
F11A	Grangeville	80.56	38	P	P	04 03 34.3 -1.0
M15A	Larsen Ranch,	80.62	43	U	P	04 03 35.5 -0.2
H12A	Diamond D Ranc	80.64	39	P	P	04 03 35.5 -0.2
O16A	Springville	80.65	44	U	P	04 03 35.7 -0.2
K14A	Richman Ranch, D	80.67	42	U	P	04 03 36.0 0.0
I13A	Wildhorse Cree	80.77	40	U	P	04 03 36.5 +0.1
E11A	Boyer Ranch,	80.78	37	U	P	04 03 35.2 -1.3
SRU	San Rafael	80.81	46	U	P	04 03 36.8 0.0
B09A	Rice	80.82	35	U	P	04 03 36.1 -0.5
MCK	McKinley	80.83	12	eP	P	04 03 35.9 -0.4
MCK	McKinley	80.83	12	eP	P	04 03 35.9 -0.4
A09A	Danville	80.90	34	U	P	04 03 36.6 -0.4
R18A	Canyonlands Na	80.92	42	U	P	04 03 37.5 +0.1
L15A	Malad City	80.96	42	U	P	04 03 36.9 -0.4
H13A	Challis	81.01	39	U	P	04 03 37.7 -0.1
N16A	Rees Ranch, Co	81.01	44	U	P	04 03 38.1 +0.3
F12A	Elk City	81.03	38	P	P	04 03 37.4 -0.4
Q18A	Clay H Ranch	81.08	46	U	P	04 03 37.9 -0.3
D11A	Klaveano Farm,	81.08	36	U	P	04 03 37.1 -1.0
M16A	Hunville	81.09	43	U	P	04 03 38.0 -0.2
HYT	Haines Junio	81.15	18	eP	P	04 03 38.5 +0.4
S19A	Harvey Farm, M	81.17	47	U	P	04 03 38.8 0.0

B10A	Chitwood Farm,	81.26	35	U	P	04 03 38.2 -0.7
G13A	Cobalt	81.30	39	U	P	04 03 38.9 -0.4
SEY	baz=81, SNR=9.7	81.31	346	eP	P	04 03 38.8 0.0
R19A	Curley Farm, L	81.32	47	U	P	04 03 39.6 +0.1
N17A	Moffitt Pass	81.44	44	U	P	04 03 40.0 -0.1
A10A	Northport	81.46	34	U	P	04 03 39.7 -0.3
L16A	Fish Haven	81.55	43	U		

Table with columns: BS03, JOD2, JRY, JAG, JMK, JMK. Rows: Boso 3, Odawara 2, Ryogami san, Ashikaga, Ichinoseki.

ISCJB 27 09:02:23.2.1, 4426N.008.1297W.0.1, h30km, 24km, Error ellipse: s-maj=16.3km s-min=9.0km az=37.8

NEIC 27 09:02:25.2.1.5, 4437N.12956W, h10km, mb3.5/1, Error ellipse: s-maj=19.6km s-min=8.8km az=215.0

ISC 27 09:02:24.7.2.1, 4421N.009.1297W.0.1, h23km, 26km, n42, 0.654/47, 13C-13D, Off coast of Oregon

Main table for Oregon region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Mapleton, Mount Hebo, Umpqua, Soap Creek Ran, Eugene, Kings Mountain, Seaside, Yamhill, Limon Verde, etc.

ISCJB 27 09:04:30.9.0.9, 29886N.003.3622E.005, h0km, Error ellipse: s-maj=6.4km s-min=4.4km az=10.1

SGS 27 09:04:31.2, 3001N.3621E, h5km, GII 27 09:04:31.9.0.9, 2989N.3613E, h0km, ML2.8/9, EXPLOSION

ISC 27 09:04:30.9.1.0, 2985N.003.3626E.005, h0km, n16, 0.658/24, Western Arabian Peninsula

Table for Western Arabian Peninsula with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Mount Harif, Elat, Zfri, Mt Berech, etc.

NNC 27 09:37:40.3.2.8, 5396N.8698E, h0km, mb3.9, mpv3.5, 6C-5D, Error ellipse: s-maj=21.9km s-min=16.1km az=56.0, Southeastern Siberia

Table for Southeastern Siberia with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Kurchatov, Kurchatov Arra, Kurchatov, etc.

THE 27 09:52:27.0.3815N.2058E, h6km, ML3.4

CSEM 27 09:52:27.9.0.1, 3809N.2075E, h2km, MD3.3, Error ellipse: s-maj=3.5km s-min=2.7km az=21.0

ATH 27 09:52:27.4, 3810N.2074E, h7km, MD3.3/3

ISCJB 27 09:52:28.2.0.6, 3819N.003.2076E.005, h3km, 6km, Error ellipse: s-maj=6.7km s-min=5.4km az=154.9

ISC 27 09:52:28.2.0.7, 3816N.004.2072E.006, h9km, 5km, n10, 0.699/18, 1D, Greece

Table for Greece region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Anninata, Valsamata, Levkas, Riolos of Patr, etc.

ISCJB 27 10:09:19.7.0.7, 2164S.005.686W.0.2, h147km, 10km, Error ellipse: s-maj=25.1km s-min=7.3km az=9.2

NEIC 27 10:09:19.4.1.1, 2148S.6845W, h115km, 13km, mb4.2/2, Error ellipse: s-maj=23.8km s-min=11.9km az=113.0

ISC 27 10:09:20.5.1.1, 2150S.6833W, h120km, 12km, mb3.7/2, mb1 3.4/7, mb1mx3.2/1, mbtmp3.3/7, Error ellipse: s-maj=31.9km s-min=15.3km az=112.0

ISC 27 10:09:20.8.0.8, 2166S.005.686W.0.2, h145km, 11km, n14, 0.882/19, 1C, Chile-Bolivia border region

Main table for Chile-Bolivia border region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Limon Verde, La Paz, La Campanas, etc.

JMA 27 10:20:52.8.0.3, 4358N.14850E, h0km, M3.6, East of Kurii Islands

Table for East of Kurii Islands with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Nemuro, Nakash, Akkeshi, etc.

ISC 27 10:36:00.6.2.0, 281S.10105E, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/21, mbtmp4.1/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/34, Error ellipse: s-maj=10.13km s-min=17.4km az=57.0

ISCJB 27 10:36:04.0.0.8, 267S.008.1013E.01, h33km, mb4.1/8, Error ellipse: s-maj=16.4km s-min=11.7km az=171.3

NEIC 27 10:36:05.8.0.6, 265S.10128E, h30km, mb4.2/1, Error ellipse: s-maj=14.0km s-min=9.9km az=78.0

ISC 27 10:36:06.7.0.8, 267S.008.1013E.01, h35km, n16, 0.696/15, mb4.1/8, Southern Sumatera

Main table for Southern Sumatera with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Christmas Isla, Kuching, West Island, etc.

Table for Japan region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Kuro-shima, Ishigaki jima, Tarama, Gusuokube, etc.

ISC 27 10:59:35.9.26.0, 829S.12974E, h273km, 117km, mb3.6/1, mb1 3.2/4, mb1mx2.9/16, mbtmp3.1/4, Error ellipse: s-maj=295.2km s-min=75.6km az=177.0

NEIC 27 10:58:44.1.6.5, 465S.13000E, h35km, mb3.7/1, Error ellipse: s-maj=81.8km s-min=43.8km az=164.0, Banda Sea

Table for Banda Sea region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Fitzroy Crossi, Tarrant Creek, Warramunga Arr, etc.

SGS 27 11:13:35.8, 3000N.3632E, h6km, ISCJB 27 11:13:37.0.0.9, 2984N.003.3620E.005, h0km, Error ellipse: s-maj=6.3km s-min=4.7km az=12.6

GII 27 11:13:38.4.0.8, 2988N.3610E, h0km, ML2.8/8, EXPLOSION

ISC 27 11:13:37.2.0.9, 2983N.003.3624E.005, h0km, n14, 0.654/22, Western Arabian Peninsula

Main table for Western Arabian Peninsula with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Mount Harif, Elat, Mt Berech, etc.

SKHL 27 11:39:54.9.0.2, 4855N.13270E, h10km, mb3.5/1, Priamurye-Northeastern China border region

Table for Priamurye-Northeastern China border region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Ku'dur, Gornyy, Kichimchan, etc.

MAN 27 11:41:24, 1094N.12257E, h29km, mb3.5, ML2.2, MS1.6, 1C, Panay

Table for Panay region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Jordan, Roxas, Odiongan, etc.

ISC 27 11:49:44.3.1.2, 5282N.16818W, h0km, mb3.6/11, mb1 3.8/12, mb1mx3.7/26, mbtmp3.6/12, ML3.4/1, Error ellipse: s-maj=39.9km s-min=16.3km az=179.0

NEIC 27 11:49:45.4, 5227N.16807W, h5km, ML3.1(AEIC), After AEIC

ISCJB 27 11:49:46.8.1.7, 523N.01.16825W.0.0, h39km, 14km, mb3.6/10, Error ellipse: s-maj=18.9km s-min=9.5km az=169.7

ISC 27 11:49:48.5.1.5, 523N.01.16822W.009, h35km, 13km, n21, 0.697/24, mb3.6/10, Fox Islands

Main table for Fox Islands with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Nikolski, Okmok Cone D, Unalaska Valle, etc.

NOA NORSTAR Array B 67.00 0 P P 12 00 35.8 -1.3
CMAR Chiang Mai Arr 77.23 284 P P 12 01 39.0 -0.5
GERES GERESS Array B 79.20 359 P P 12 01 49.6 +0.2

ISCJB 27 12:02:51.71.0.3, 4833N.002:661E.002, h12km, 3km, Error ellipse: s-maj=3.3km s-min=2.6km az=162.8
STR 27 12:02:52.8.0.4, 4833N.664E, h10km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
CSEM 27 12:02:53.6.0.1, 4833N.666E, h10km, ML2.7/10, Error ellipse: s-maj=1.2km s-min=0.9km az=163.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Echery, Hautomp, Zalesovo Beam, Warramunga Arr, etc.

ISCJB 27 12:11:26.6.0.7, 516N.010:605E.01, h10km, mb4.1/13, MS4.0/5, Error ellipse: s-maj=18.5km s-min=13.9km az=11.1
NEIC 27 11:21:26.9.0.7, 520N.6048E, h10km, mb4.2/4, Error ellipse: s-maj=20.7km s-min=15.6km az=100.0

ms1mx3.7/13, Error ellipse: s-maj=45.3km s-min=22.2km az=50.0
ISC 27 12:11:26.8.0.6, 519N.010:605E.01, h10km, m19, s-maj=127/15, mb4.1/13, MS4.0/5, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mahe Island, Lusaka, Erkin-Say, etc.

ISC 27 12:13:09.1.34.0, 580N.6152E, h0km, mb3.8/3, mb1 4.0/3, s-maj=1039.0km s-min=45.8km az=82.0, Carlsberg Ridge

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

NEIC 27 12:15:33.5, 1632N.9888W, h16km, MD3.5(MEX), After MEX.
MEX 27 12:15:33.1.0.5, 1636N.9893W, h9km±10km, MD3.5, Near MEX. Coast of Guerrero

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

ISCJB 27 12:33:09.9.0.5, 4042N.003:2362E.003, h12km, 4km, Error ellipse: s-maj=5.2km s-min=4.2km az=24.6
CSEM 27 12:33:10.7.0.1, 4042N.2364E, h1km, MD3.0, Error ellipse: s-maj=1.6km s-min=1.4km az=24.0

ATH 27 12:33:10.0, 4043N.2357E, h21km, 5km, MD3.0/3
THE 27 12:33:10.3, 4042N.2364E, h8km, ML2.7
ISC 27 12:33:10.3.0.5, 4043N.003:2364E.004, h11km, 6km, n15, s-maj=19.5km az=80.0

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

ISC 27 12:38:24.5.0.9, 279S:14173E, h0km, mb3.9/7, mb1 4.3/10, mb1mx4.1/18, mbmtmp4.2/10, ML4.6/3, MS3.1/1, Ms1 3.1/1, m51mx2.6/17, Error ellipse: s-maj=26.8km

NEIC 27 12:38:26.1.0.5, 283S:14164E, h10km, mb4.1/1, Error ellipse: s-maj=10.6km s-min=9.1km az=85.0
ISCJB 27 12:38:27.2.0.7, 284S.009:14173E.010, h33km, mb3.9/7, Error ellipse: s-maj=14.6km s-min=11.5km az=145.7

DJA 27 12:38:29.290S:14153E, h16km, mb4.8/5
ISC 27 12:38:29.5.0.7, 285S.009:14173E.010, h35km, n16, s-maj=73/14, mb3.9/7, 1D, Near north coast of New Guinea

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

VNDA Vanda 75.39 176 P P 12 50 10.8 -1.6
LPZA La Paz 144.91 124 PKP PKPdf 12 58 05.2 +1.3
SIV San Ignacio 150.71 120 PKPb PKPb 12 58 18.6 -0.4

ISC 27 12:49:12.0.3.0, 728N.9332E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/22, mbmtmp3.5/4, Error ellipse: s-maj=100.6km s-min=28.7km az=68.0, Nicobar Islands region

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

ISC 27 13:05:00.8.1.4, 293S:14166E, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.9/16, mbmtmp3.9/8, ML3.8/1, MS3.1/3, Ms1 3.1/3, ms1mx2.8/25, Error ellipse: s-maj=46.0km s-min=21.0km az=83.0

NEIC 27 13:05:02.6.0.7, 291S:14156E, h10km, mb4.0/1, Error ellipse: s-maj=20.4km s-min=10.2km az=97.0
ISCJB 27 13:05:04.2.1.3, 30S.0:14162E.03, h33km, mb3.8/7, Error ellipse: s-maj=38.4km s-min=14.3km az=176.6

ISC 27 13:05:06.5.1.3, 297S:010:14162E.03, h35km, n14, s-maj=63/10, mb3.8/7, Near north coast of New Guinea

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

ISC 27 13:16:08.9.1.7, 70S.0:1170E.02, h562km, 15km, mb3.9/12, Error ellipse: s-maj=27.1km s-min=9.5km az=150.8

ISC 27 13:16:09.9.1.6, 699S:11710E, h559km, 18km, mb3.3/10, mb1 3.4/12, mb1mx3.3/19, mbmtmp3.3/12, Error ellipse: s-maj=26.3km s-min=8.2km az=59.0

NEIC 27 13:16:10.0.1.6, 694S:11715E, h565km, 21km, mb4.6/4, Error ellipse: s-maj=27.0km s-min=8.9km az=62.0
ISC 27 13:16:08.9.1.7, 70S.0:1170E.02, h548km±13km, n19, s-maj=64/21, mb3.9/12, Bali Sea

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

JMA 27 13:25:07.4.0.2, 3973N.14421E, h45km, M3.8, Off east coast of Honshu

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

ISC 27 13:37:52.1.1.7, 460S:13350E, h0km, mb4.3/1, mb1 3.9/5, mb1mx3.6/16, mbmtmp3.8/5, ML3.7/4, MS3.4/5, Ms1 3.3/5, ms1mx2.9/23, Error ellipse: s-maj=68.5km s-min=25.4km az=72.0

Table with columns: ID, Station Name, Az, El, SNR, P, Az, El, SNR, P. Includes stations like M04C Macdoel, J06A Christmas Vall, C13A Hot Springs, etc.

Table with columns: ID, Station Name, Az, El, SNR, P, Az, El, SNR, P. Includes stations like S11A Rachel, Q13A Wheeler Ranch, MPMC Manual Prospec, etc.

Table with columns: ID, Station Name, Az, El, SNR, P, Az, El, SNR, P. Includes stations like MKAR Makanchi Array, IDC 27 14:37:11.8, WRA Warramunga Arr, etc.

CTA	comp=Z,157nm,0.8s,mb5.5,baz=99,slow=10,SNR=98	S	S	14 55 50.3 +5.3
CTA	comp=Z,11nm,1.1s,baz=298,slow=16,SNR=2.4	S	P	14 51 35.4 +0.7
CTA	Charters Tower 23.15 269	P	P	14 51 35.6 +0.9
CTA	comp=Z,243nm,1.2s	P	P	
CTAO	Charters Tower 23.15 269	P	P	14 51 35.6 +0.9
CTAO	comp=Z,1um,1.4s,mb6.1	LR	LR	
CNB	Canberra 23.67 230	eP	P	14 51 38.7 +1.5
CNB	Port Moresby 25.87 294	eP	P	14 55 54.5 +5.6
CAN	Port Moresby 25.87 294	eP	P	14 51 40.7 +1.0
PMG	Port Moresby 25.87 294	eP	P	14 52 00.7 +0.8
PMG	comp=Z,356nm,0.9s,mb5.9	LR	LR	
PMG	comp=Z,45um,21.0s,MS6.0	LR	LR	
PMG	Port Moresby 25.87 294	eP	P	14 52 00.0 +0.1
RAR	Rarotonga 27.23 95	P	P	14 52 09.9 -2.3
RAR	comp=Z,73nm,1.2s,mb5.1,baz=275,slow=12,SNR=4.4	S	S	14 56 49.8 -0.4
RAR	comp=Z,26nm,0.9s,baz=58,slow=16,SNR=1.9	LR	LR	
RAR	comp=Z,16um,21.4s,MS5.6,baz=264,slow=31	LR	LR	15 00 39.3
RAR	Rarotonga 27.23 95	P	P	14 52 09.9 -2.3
RAR	comp=Z,1um,1.4s,mb6.4	S	S	14 56 49.8 -0.4
TOO	Toolangi 27.23 228	iP	P	14 52 13.3 +1.3
TOO	comp=Z,2um,1.4s,mb6.4	iS	S	14 56 54.2 +4.3
TOO	Toolangi 27.23 228	iP	P	14 52 13.3 +1.3
TOO	comp=Z,2um,1.4s,mb6.4	iS	S	14 56 54.2 +4.3
COEN	Coen 27.49 281	iP	P	14 52 15.9 +1.3
COEN	comp=Z,1um,2.1s,mb6.1	P	P	
STKA	Stephens Creek 28.13 242	eP	P	14 52 21.2 +1.0
STKA	comp=Z,143nm,1.0s,mb5.6	iS	S	14 57 07.6 +3.3
STKA	Stephens Creek 28.13 242	iP	P	14 52 21.1 +0.9
STKA	comp=Z,980nm,1.6s,mb6.2	eP	P	
STKA	Stephens Creek 28.13 242	eP	P	14 52 33.2 +6.3
STKA	comp=Z,185nm,1.0s,mb5.7,baz=85,slow=8.8,SNR=134	P	P	14 52 21.4 +1.2
STKA	comp=Z,27um,18.5s,MS5.9,baz=70,slow=35	LR	LR	15 02 59.0
TAU	Tasmania Univ 29.09 217	eP	P	14 52 29.9 +1.2
ADQ	Adelaide 31.29 238	iP	P	14 52 49.1 +1.0
MCE	Macquarie Isla 34.18 192	eP	P	14 53 19.9 +2.7
ASAR	Alice Springs 34.24 259	P	P	14 53 13.8 -0.2
ASAR	Alice Springs 34.24 259	eP	P	14 53 13.8 -0.2
ASAR	comp=Z,194nm,1.0s,mb5.8,baz=98,slow=9.7,SNR=448	S	S	15 24 15.6
ASAR	comp=Z,1.5nm,0.8s,baz=275,slow=4.1,SNR=11	P	P	
WB2	Warramunga Arr 34.24 266	iP	P	14 53 13.2 -0.9
WB2	comp=Z,2um,1.4s,mb6.8,SNR=62	eP	P	14 54 32.9 +1.0
WB2	Warramunga Arr 34.24 266	eP	P	14 53 13.2 -0.9
WRAB	Tennant Creek 34.25 266	iP	P	14 53 13.4 -0.8
WRAB	comp=Z,1um,1.6s,mb6.5	P	P	
WRAB	Tennant Creek 34.25 266	iP	P	14 53 13.0 -1.2
WRA	Warramunga Arr 34.26 266	iP	P	14 53 13.6 -0.7
WRA	comp=Z,194nm,1.1s,mb5.9,baz=97,slow=9.3,SNR=156	S	S	14 58 35.4 -4.8
WRA	comp=Z,6.5nm,1.2s,baz=101,slow=26,SNR=2.9	LR	LR	15 07 39.7
WRA	Warramunga Arr 34.26 266	iP	P	14 53 13.6 -0.6
WRA	comp=Z,6.1um,18.1s,MS6.4,baz=95,slow=37	S	S	14 58 35.4 -4.8
TBI	Tubuai 36.54 101	eP	P	14 53 35.4 +1.5
PAE	Paea 37.29 91	eP	P	14 53 40.8 +0.5
PPT	Papeete 37.31 91	eP	P	14 53 41.3 +0.8
PPT	comp=Z,200nm,1.4s,mb5.7	eS	S	14 59 29.4 +2.3
PPT	comp=Z,7um,26.0s	eLR	LR	15 03 53.2
PPT	Papeete 37.31 91	P	P	14 53 40.8 +0.3
PPT	comp=Z,42nm,0.8s,mb5.3,baz=324,slow=17,SNR=3.8	LR	LR	15 05 06.0
TIAR	Tiarei 37.53 91	eP	P	14 53 43.0 +0.7
TVO	Taravao 37.57 91	eP	P	14 53 43.2 +0.5
KAKA	Kakadu 37.77 277	iP	P	14 53 43.9 -0.5
KAKA	comp=Z,460nm,1.2s,mb6.1	P	P	
KAKA	Kakadu 37.77 277	iP	P	14 53 43.4 -1.0
MEH	Mehetia 38.66 92	eP	P	14 55 14.8 +3.9
MEH	comp=Z,7um,1.4s	eP	P	14 53 52.1 +0.3
FORT	Forrest 39.42 247	iP	P	14 53 58.0 -0.1
PMOR	Pomariario Ree 39.50 88	eP	P	14 53 59.4 +0.5
PMOR	comp=Z,465nm,1.5s,mb6.0	P	P	
BLE	Bluet 40.23 287	eP	P	14 54 02.0 -3.0
FITZ	Fitzroy Crossi 42.68 266	P	P	14 54 25.6 +0.5
FITZ	comp=Z,395nm,1.1s,mb6.1,baz=102,slow=9.1,SNR=328	S	S	15 00 50.3 +2.8
GUMO	Guam 43.27 321	P	P	14 54 29.3 -0.5
GUMO	comp=Z,8.0nm,1.2s,baz=323,slow=20,SNR=3.0	S	S	
GUMO	comp=Z,3um,2.6s,mb6.5	LR	LR	
GUMO	comp=Z,16um,22.0s,MS5.9	LR	LR	
GUMO	Guam 43.27 321	P	P	14 54 28.5 -1.3
GUMO	comp=Z,35nm,0.8s,mb5.1,baz=71,slow=7.7,SNR=4.9	LR	LR	15 10 13.9
GUMO	comp=Z,15um,21.8s,MS5.9,baz=136,slow=33	LR	LR	
GUMO	Guam 43.27 321	P	P	14 54 29.3 -0.5
GUMO	comp=Z,3um,2.6s,mb6.5	MLR	MLR	
AAI	Ambon 45.14 287	eP	P	14 54 43.0 -1.9
BATI	Baumata 46.71 276	P	P	14 54 58.8 +1.5
BATI	comp=Z,249nm,1.0s,mb6.1,baz=161,slow=2.3,SNR=39	PP	PP	14 56 51.1 +3.9
BATI	comp=Z,25nm,0.8s,baz=150,slow=5.2,SNR=3.8	P	P	14 55 03.9 +0.1
MBWA	Marble Bar 47.56 261	eP	P	14 55 03.9 +0.1
MBWA	comp=Z,387nm,1.0s,mb6.4	LR	LR	
MBWA	Marble Bar 47.56 261	P	P	14 55 04.0 +0.2
MBWA	comp=Z,27um,20.0s,MS6.2	P	P	
MBWA	Marble Bar 47.56 261	P	P	14 55 04.0 +0.2
TLN	Ternate 47.99 292	eP	P	14 55 04.0 -3.2
KLBR	Kellerberrin 48.26 246	iP	P	14 55 08.6 -0.6
KLBR	comp=Z,1um,1.5s,mb6.8	P	P	
NWAO	Narrogin (SRO) 48.68 245	eP	P	14 55 11.4 -0.9
NWAO	comp=Z,315nm,1.1s,mb6.3	LR	LR	
NWAO	Narrogin (SRO) 48.68 245	P	P	14 55 13.2 +0.9
NWAO	comp=Z,24um,20.0s,MS6.2	LR	LR	
NWAO	Narrogin (SRO) 48.68 245	P	P	14 55 13.2 +0.9
NWAO	comp=Z,7.3	LR	LR	
NWAO	Narrogin (SRO) 48.68 245	eP	P	14 55 12.2 -0.1
NWAO	comp=Z,250nm,1.0s	P	P	
DRV	Dumont d'Urville 49.29 196	P	P	14 55 26.0 +1.0
DRV	comp=Z,2um,1.4s,mb6.5	S	S	15 02 31.0 +1.0
DRV	Dumont d'Urville 49.29 196	SS	SS	15 06 13.0 +2.0
DRV	comp=Z,1um,1.4s,mb6.5	S	S	15 09 00.0
DRV	Dumont d'Urville 49.29 196	R	R	09 35 00.0
MUN	Mundaring 49.57 246	iP	P	14 55 19.1 -0.1
RKT	Rikitea 49.79 103	eS	S	15 02 32.4 +2.9
RKT	comp=Z,3um,27.8s	eLQ	LQ	15 07 15.8
RKT	comp=Z,7um,31.5s	eLR	LR	15 09 30.0
RKT	comp=Z,30um,30.2s	eLR	LR	
WSI	Waingapu 50.01 275	eP	P	14 55 24.0 +1.2
KDI	Kendari 50.03 283	iP	P	14 55 23.1 +0.1
KDI	comp=Z,1um,1.4s,mb6.5	S	S	15 02 23.8 -9.3
MIDW	Midway 50.69 13	P	P	14 55 40.0 +1.2
MIDW	comp=Z,9um,19.0s,MS5.8	LR	LR	
KAPI	Kappang 52.22 281	P	P	14 55 39.0 -0.4
KAPI	comp=Z,2um,1.3s,mb6.8,SNR=39	P	P	
KAPI	Kappang 52.22 281	iP	P	14 55 38.8 -0.6
KAPI	comp=Z,694nm,1.4s,mb6.4	P	P	

KAPI	comp=Z,9um,22.0s,MS5.8	LR	LR	
KAPI	Kappang 52.22 281	P	P	14 55 39.4 0.0
KAPI	comp=Z,2um,1.3s,mb6.8,SNR=39	P	P	
KAPI	Kappang 52.22 281	P	P	14 55 39.4 0.0
KIP	Kipapa 52.31 37	P	P	14 55 50.0 +1.0
KIP	comp=Z,12um,19.0s,MS6.0	LR	LR	
KIP	Kipapa 52.31 37	iP	P	14 55 59.4 -0.4
MKS	Makassar 52.40 280	eP	P	14 55 42.2 +1.5
POHA	Pohakuloa 52.48 41	P	P	14 55 50.0 +8.9
POHA	comp=Z,12um,20.0s,MS5.9	LR	LR	
HKL	Hakala 52.77 40	eP	P	14 55 51.0 +7.8
BIPH	Bislig 52.79 299	iP	P	14 55 41.9 -1.7
DAV	Davao City (W) 52.81 297	P	P	14 55 50.0 +6.3
DAV	comp=Z,5um,20.0s,MS5.6	LR	LR	
DAV	Davao City (W) 52.81 297	P	P	14 55 44.4 +0.7
DAV	comp=Z,2um,1.4s,mb6.5	P	P	
DAV	Davao City (W) 52.81 297	P	P	14 55 44.4 +0.7
DAV	comp=Z,2um,1.4s,mb6.5	P	P	
DAV	Davao City (W) 52.81 297	iP	P	14 55 40.6 -3.2
VNDA	Vanda 52.85 182	P	P	14 58 06.9 -0.9
VNDA	comp=Z,12nm,1.1s,mb4.8,baz=356,slow=6.4,SNR=28	LR	LR	15 16 14.3
VNDA	comp=Z,12um,21.0s,MS6.0,baz=14,slow=32	LR	LR	
SBA	Scott Base 52.84 181	eP	P	14 56 08.5 -0.6
SBA	comp=Z,285nm,1.3s,mb6.1	LR	LR	
SBA	comp=Z,11um,19.0s,MS6.0	P	P	14 56 09.5 +0.3
SBA	Scott Base 56.44 181	eP	P	
SBA	comp=Z,290nm,1.3s,mb6.2	P	P	
RCP	Roxas 57.63 300	eP	P	14 56 18.5 0.0
TRT	Tretes 57.80 274	iP	P	14 56 18.0 -1.7
MYDM	Lahad Datu 57.84 291	iP	P	14 56 22.1 +2.1
TSM	Tawau 57.97 299	iP	P	14 56 21.7 +0.9
CUYO	Cuyo Island 58.64 298	eP	P	14 56 25.2 -0.3
OTRP	Olongapo 58.67 300	eP	P	14 56 24.1 -1.6
CASEY	Casey 58.73 204	eP	P	14 56 24.1 -1.3
CASEY	comp=Z,380nm,1.5s,mb6.2	LR	LR	
SDKM	Sandakan 59.20 291	iP	P	14 56 29.9 +0.4
BUSP	Coron 59.94 299	eP	P	14 56 33.9 -0.7
KDM	Kudat 60.13 292	iP	P	14 56 37.0 +1.1
ENRP	Enri 60.14 298	iP	P	14 56 35.2 -0.7
BATP	Bataara 60.24 294	eP	P	14 56 36.6 0.0
KKM	Kota Kinabalu 60.25 291	iP	P	14 56 37.1 +0.4
KKM	comp=Z,4um,19.0s,MS5.6	P	P	
KKM	Kota Kinabalu 60.25 291	iP	P	14 56 38.3 +1.6
BJJJ	Benjanegara 60.64 274	eP	P	14 56 47.7 +8.2
BALP	Baler 60.96 303	eP	P	14 56 40.3 -1.2
CAUP	Cauyan 61.48 305	eP	P	14 56 44.8 -0.2
Bintulu	61.71 286	iP	P	14 56 47.5 +0.9
BCPH	Baguio City Da 62.11 303	iP	P	14 56 42.5 -6.5
SBUM	Sibu 62.15 295	iP	P	14 56 50.7 +1.1
APYP	Conner 62.47 305	eP	P	14 56 50.2 -1.4
XMSI	Christmas Isla 63.37 269	eP	P	14 56 58.0 +0.2
KXMS	Kuching 63.47 283	iP	P	14 56 58.4 0.0
KSM	Kuching 63.47 283	iP	P	14 56 59.2 +0.8
MJAR	Muching Arr 65.50 331	P	P	14 57 10.9 -0.3
MJAR	comp=Z,54nm,1.0s,mb5.5,baz=161,slow=7.1,SNR=158	S	S	15 05 57.1 +2.2
MJAR	comp=Z,0.5nm,0.4s,baz=175,slow=7.3,SNR=4.0	S	S	
MAJO	Matsushiro 65.50 331	iP	P	14 57 07.3 -3.9
MAJO	comp=Z,133nm,1.2s,mb5.8	MLR	MLR	
MAJO	Matsushiro 65.50 331	iP	P	14 57 07.3 -3.9
MAJO	comp=Z,4um,20.0s,MS5.6	P	P	
MAJO	Matsushiro 65.50 331	iP	P	14 57 07.3 -3.9
MAJO	comp=Z,133nm,1.2s,mb5.8	MLR	MLR	
MAT	Matsushiro 65.50 331	P	P	14 57 10.9 -0.3
MAT	comp=Z,265nm,1.4s,mb5.0	S	S	15 05 57.0 +2.1
MIR	Mirnyy 65.69 205	eP	P	14 57 12.0 -0.1
MIR	comp=Z,200nm,1.2s,mb6.0	P	P	14 59 45.0
MIR	comp=Z,200nm,1.2s,mb6.0	P	P	15 05 56.0 -0.6
MIR	comp=Z,2um,3.0s	P	P	
YHNB	Yeheng 66.55 311	iP	P	14 57 17.3 -1.0
YHNB	comp=Z,105nm,1.0s,mb5.8	P	P	
TATO	Taipei 66.67 311	iP	P	14 57 17.9 -1.0
TATO	comp=Z,858nm,1.9s,mb6.5	LR	LR	
TATO	comp=Z,6um,22.0s,MS5.8	P	P	14 57 18.9 0.0
TATO	Taipei 66.67 311	P	P	14 57 18.9 0.0
TATO	SNR=10	P	P	
TATO	Taipei 66.67 311	P	P	14 57 18.9 0.0
QZPH	South Pole Qui 68.57 180	eP	P	14 57 28.9 -1.2
QZPH	comp=Z,265nm,1.4s,mb5.0	P	P	
QZPH	Quanzhou 68.70 309	iP	P	14 57 31.5 -0.3
QZPH	comp=Z,80nm,1.0s,mb5.6	AMB	AMB	15 06 38.8 +4.9
QZPH	comp=Z,1um,3.2s	AMB	AMB	
QZPH	comp=Z,3um,14.2s,MS5.9	LR	LR	
QZPH	comp=Z,4um,14.2s,MS5.9	LR	LR	
QZPH	comp=Z,2um,24.8s	LR	LR	
YUK	Yuzh-Kuril sk 69.16 341	eP	P	14 57 34.5 +0.3
YUK	comp=Z,2um,24.8s	eS	S	15 06 44.2 +5.7
YUK	comp=Z,3um,4.0s	eSS	SS	15 11 07.5 +1.9
YUK	comp=Z,3um,4.0s	eSS	SS	15 14 09.7
YUK	comp=Z,3um,4.0s	P	P	
YUK	comp=Z,3um,4.0s	P	P	
YUK	comp=Z,3um,4.0s	P	P	
YUK				

PFO	baz=88,SNR=8.8	88.16	53	P	P	14 59 19.9	+0.9
PFO	comp=Z,99nm,2.2s,mb5.7,SNR=6.6	88.16	53	P	LR	14 59 30.0	+1.1
PFO	comp=Z,7um,21.0s,MS6.0	88.16	53	P	LR	14 59 19.1	+0.2
RC01	baz=88,SNR=5.7	88.17	18	eP	P	14 59 16.2	-2.2
LBCM	comp=Z,70nm,1.3s,mb5.7	88.25	47	P	P	14 59 19.6	+0.5
CWC	baz=88,SNR=11	88.30	50	P	P	14 59 19.7	+0.1
I02A	Mapleton	88.30	41	P	P	14 59 19.8	+0.4
MLAC	baz=88	88.33	48	P	P	14 59 19.5	-0.2
R06C	Mammoth Lakes	88.34	47	P	P	14 59 20.0	+0.3
RRX	Coleville	88.34	51	P	P	14 59 19.6	-0.2
SWSC	Edison Barstow	88.35	54	P	P	14 59 19.6	-0.2
M04C	Sam W. Stewart	88.38	44	P	P	14 59 19.6	-0.2
BEKR	Maddoe	88.39	46	P	P	14 59 20.0	+0.2
R07C	baz=89,SNR=8.3	88.39	46	P	P	14 59 20.3	+0.4
BBOR	Beckworth	88.41	48	P	P	14 59 20.0	0.0
TIN	Lee Vining	88.42	49	P	P	14 59 20.8	+0.9
WCN	Butler Butte	88.48	49	P	P	14 59 20.9	+0.5
ELFS	Tinemaha	88.51	47	P	P	14 59 21.0	+0.5
MPMC	Washoe City	88.52	45	P	P	14 59 20.6	+0.2
H02A	Eagle Lake	88.54	50	P	P	14 59 21.1	+0.4
DAC	Manual Prospect	88.55	40	P	P	14 59 21.0	+0.4
DAC	Toledo	88.56	50	P	P	14 59 30.0	+9.2
P06A	Darwin (Calif)	88.60	46	P	LR	14 59 20.9	0.0
M05C	Stead Airport	88.61	44	P	P	14 59 20.9	-0.1
I03A	Lookout	88.62	41	P	P	14 59 20.9	0.0
CIT	Eugene	88.66	329	e	P	14 59 20.5	-0.3
CIT	Chita	88.66	329	e	P	14 59 30.1	
BELC	comp=Z,287nm,2.1s,mb5.2	88.68	53	P	P	14 59 20.9	-0.5
GSC	Belle Mtn.	88.68	51	eP	P	14 59 21.9	+0.6
GSC	Goldstone	88.68	51	P	P	14 59 21.5	+0.1
MPOR	baz=89,SNR=15	88.73	41	P	P	14 59 23.2	+1.8
S08C	Mary's Peak	88.73	49	P	P	14 59 21.9	+0.3
PMR	White Mtn Res	88.75	18	eP	P	14 59 21.0	-0.1
PMR	Palmer	88.75	18	eP	LR	14 59 21.0	-0.1
PMR	Palmer	88.75	18	eP	P	14 59 21.0	-0.1
HEC	comp=Z,14nm,0.9s,mb5.3	88.81	52	P	MLR	14 59 21.8	-0.2
K04A	Hector/Ludlow	88.88	43	P	P	14 59 22.3	+0.2
O06A	Chilquim	88.89	46	P	P	14 59 22.4	+0.1
BC3	Flanigan	88.92	53	P	P	14 59 22.6	0.0
LP1G	baz=89,SNR=14	88.93	64	P	P	14 59 24.4	+1.5
J04A	Big Chuckw Mtn	88.96	42	P	P	14 59 22.7	+0.2
PAHR	Umpqua Natona	88.96	46	P	P	14 59 22.7	+0.1
M06C	baz=89,SNR=7.1	88.97	45	P	P	14 59 22.7	+0.1
H03A	Pal Rtn Range	88.98	41	P	P	14 59 22.3	-0.2
Q07A	Soap Creek Ran	88.98	47	P	P	14 59 22.8	+0.1
HEBO	Schurz	88.99	40	P	P	14 59 23.5	+1.0
GRAC	comp=Z,184nm,1.3s,mb5.2	89.06	49	P	P	14 59 22.9	-0.2
NVAR	Mount Hebo	89.06	49	P	P	14 59 22.9	-0.2
NVAR	Grapevine Rang	89.08	48	P	P	14 59 23.7	+0.5
112A	Mina Array Bea	89.08	54	P	P	14 59 23.7	+0.5
GLA	Yuma	89.13	54	eP	P	14 59 23.1	-0.3
GLA	comp=Z,11nm,0.9s,mb5.2,baz=228,slow=8.0,SNR=67	89.13	54	eP	P	14 59 23.1	-0.3
GLA	Glamis	89.13	54	eP	LR	14 59 24.3	+0.7
GLA	comp=Z,185nm,1.5s,mb6.2	89.13	54	eP	LR	14 59 24.3	+0.8
GLA	Glamis	89.13	54	eP	P	14 59 24.3	+0.8
GLA	comp=Z,5um,22.0s,MS5.9	89.13	54	P	MLR	14 59 23.4	-0.1
L05A	Glamis	89.16	44	P	P	14 59 23.9	+0.4
N06A	Lakeview	89.17	45	P	P	14 59 23.3	-0.2
FURC	baz=89,SNR=22	89.18	50	P	P	14 59 23.6	-0.1
R08A	Buffalo Meadow	89.18	48	P	P	14 59 23.4	-0.3
P07A	Furnace Creek	89.21	47	P	P	14 59 24.0	+0.2
GMRG	Mina	89.28	52	P	P	14 59 23.7	-0.6
G03A	Buffalo Meadow	89.32	40	P	P	14 59 24.2	+0.1
BILL	Yamhill	89.33	51	P	P	14 59 23.9	-0.5
BILL	Shoshone	89.34	358	eP	P	14 59 22.8	-0.9
BILL	Bilibino	14 59 33.5	+2.5	eP	P	14 59 33.5	+2.5
BILL		15 11 19.5	-0.2	ePS	P	15 11 19.5	-0.2
BILL		15 16 08.9	+1.5	eSS	P	15 16 08.9	+1.5
IRM	comp=Z,127nm,1.7s,mb6.0	89.38	53	P	P	14 59 24.2	-0.5
TUQ	Iron Mountain	89.38	51	P	P	14 59 24.6	0.0
MOD	Turquoise Mtn.	89.43	44	P	P	14 59 24.6	-0.1
MOD	Modoc	89.43	44	P	LR	14 59 24.6	-0.1
MOD	comp=Z,89nm,1.3s,mb5.9	89.43	44	P	LR	14 59 24.6	-0.1
K05A	comp=Z,4um,20.0s,MS5.9	89.43	44	P	P	14 59 25.4	+0.7
F03A	Modoc	89.46	43	P	P	14 59 25.9	+1.0
S09A	Summer Lake	89.48	39	P	P	14 59 25.2	+0.3
YAK	Seaside	89.50	49	P	P	14 59 25.3	+0.2
YAK	Goldfield	89.51	342	eP	P	14 59 23.4	-1.2
YAK	Yakutsk	89.51	342	eP	P	14 59 23.7	-0.9
YAK	Yakutsk	89.51	342	eP	P	14 59 28.9	-3.0
YAK		15 09 51.7		ePP	P	15 09 51.7	
YAK		15 10 11.9	-1.7	eS	P	15 10 11.9	-1.7
YAK		15 16 10.0		eSS	P	15 16 10.0	
YAK	comp=Z,41nm,0.9s,mb5.8	89.51	342	eP	P	14 59 24.2	-0.5
YAK	comp=N,17nm,2.0s	89.51	342	eP	P	14 59 24.6	0.0
YAK	comp=E,10.0nm,1.9s	89.51	342	eP	P	14 59 24.6	-0.1
YAK	comp=N,99nm,4.8s	89.51	342	eP	P	14 59 24.6	-0.1
YAK	comp=E,2um,6.6s	89.51	342	eP	P	14 59 24.6	-0.1

007A	comp=N,99nm,4.8s	89.52	46	P	P	14 59 25.8	+0.6
J05A	Toulon	89.53	43	P	P	14 59 25.9	+0.8
U10A	Fort Rock	89.53	50	P	P	14 59 26.0	+0.6
Q08A	Ash Meadows,33	89.54	48	P	P	14 59 25.5	+0.2
SSOR	baz=90,SNR=22	89.54	48	P	P	14 59 25.5	+0.2
H04A	Gabbs	89.58	41	P	P	14 59 26.1	+0.8
Y12C	Sweet Springs	89.66	41	P	P	14 59 25.6	-0.1
G04A	Detroit Lake	89.66	53	P	P	14 59 26.0	0.0
N07B	Blythe	89.75	40	P	P	14 59 25.8	-0.3
LDFC	Mulino	89.76	46	P	P	14 59 26.4	+0.1
TPNV	Valley Falls	89.81	39	P	P	14 59 26.4	-0.3
TPNV	Lebam	89.81	39	P	P	14 59 26.1	-0.3
TPNV	baz=90,SNR=14	89.81	52	eP	P	14 59 27.4	+0.7
TPNV	comp=N,256nm,1.1s,mb5.5	89.83	50	eP	P	14 59 26.9	+0.1
TPNV	Topopah Spring	89.83	50	eP	P	14 59 26.9	+0.1
TPNV	comp=N,44nm,1.0s,mb5.7	89.83	50	eP	P	14 59 26.9	+0.1
TPNV	Topopah Spring	89.83	50	eP	P	14 59 26.9	+0.1
TPNV	comp=Z,44nm,1.0s,mb5.7	89.83	50	eP	P	14 59 26.9	+0.1
TPNV	Topopah Spring	89.83	50	P	P	14 59 26.4	-0.4
P08A	Boisfort	89.84	47	P	P	14 59 26.8	+0.1
SHL	Die Valley	89.84	298	eP	P	14 59 26.8	-0.3
SHL	Shillong	89.85	48	eP	P	14 59 26.0	-0.8
R09A	Shillong	89.85	48	eP	P	14 59 26.0	-0.8
GTA	Tonopah	89.85	313	P	P	14 59 26.8	0.0
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	14 59 37.5	+3.4
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	14 59 41.5	+4.8
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 03 02.5	+2.7
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 09 53.3	S
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 10 16.0	-1.8
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 10 34.5	+4.5
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 11 29.3	+2.8
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	15 16 17.0	+0.9
GTA	comp=Z,28nm,1.6s,mb5.3	89.85	313	P	P	14 59 26.8	0.0
GTA	comp=Z,340nm,3.8s	89.85	313	P	P	14 59 26.8	0.0
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	14 59 26.8	0.0
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	14 59 26.8	0.0
GTA	comp=N,2um,24.1s,MS5.7	89.85	313	P	P	14 59 26.8	0.0
K06A	comp=Z,7um,26.4s,MS5.9	89.91	43	P	P	14 59 26.4	-0.5
M07A	Valley Falls	89.92	45	P	P	14 59 26.7	-0.3
V11A	Soldier Meadow	89.92	51	P	P	14 59 26.8	-0.4
TRF	Goodsprings	89.94	16	eP	P	14 59 25.3	-1.3
I05A	Thorfare Moun	89.95	42	P	P	14 59 26.6	-0.5
BMW	Bend	89.97	39	P	P	14 59 28.8	+1.7
C03A	Boisfort Moun	89.98	37	P	P	14 59 27.8	+0.6
D03A	Quailayte Air	89.98	38	P	P	14 59 27.4	+0.2
S0NM	Wishkah Elem.	89.99	38	P	P	14 59 27.1	-0.1
S0NM	comp=Z,12nm,0.9s,mb5.2,baz=133,slow=5.2,SNR=60	89.99	38	P	P	14 59 27.1	-0.1
S0NM	comp=Z,12nm,0.9s,mb5.2,baz=133,slow=5.2,SNR=60	89.99	38	P	P	14 59 27.1	-0.1
S10A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
NEE2	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
Q09A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
O08A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
NLWA	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
NLWA	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
O0W	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
W12A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
L07A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
F04A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
214A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
PDMC	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
J06A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
Y13A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
U11A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
SIT	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
SIT	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
SIT	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
H05A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
V12A	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.4	-0.2
BPAW	comp=Z,7um,19.7s,MS5.4,baz=211,slow=36	90.03	49	P	P	14 59 27.	

Table with columns for location (e.g., OJC, JMB, SART), time (e.g., 143.45 329), and status (e.g., eSS, PKPdf, SS, MLR).

Table with columns for location (e.g., SOH, TANN, PKNS), time (e.g., 146.53 313), and status (e.g., ePKP, PKPdf, PKPbc).

Table with columns for location (e.g., VOY, VOY, VOY), time (e.g., 149.24 329), and status (e.g., ePKPbc, PKPbc, PKPdf).

27d 15h

M06C	Likely Place G	80.74	40	P	P	15 42 20.3 +0.1
I03A	Eugene	80.84	36	↑P	P	15 42 20.5 -0.2
MDJ	Mudanjiang	80.85	325	P	P	15 42 21.0 +0.4
MDJ				AMB	AMB	
MDJ	Mudanjiang	80.85	325	eP	P	15 42 18.5 -2.2
N06A	Buffalo Meadow	80.85	40	P	P	15 42 20.6 -0.1
V11A	Goodsprings	80.88	46	↑P	P	15 42 21.0 0.0
H02A	Toledo	80.90	35	↑P	P	15 42 21.6 +0.7
Y13A	Salome	80.91	49	↑P	P	15 42 21.9 +0.7
O08A	Gabbs	80.93	43	P	P	15 42 21.1 -0.1
TPNV	Topopah Spring	80.94	45	↓P	P	15 42 21.1 -0.3
PDMC	Parker Dam, Lak	80.94	48	↓P	P	15 42 21.8 +0.4
W12A	Cal Nev Ari	80.97	47	↑P	P	15 42 22.1 +0.6
J04A	Umpqua Natona	81.04	37	↓P	P	15 42 21.8 +0.2
L05A	Lakeview	81.04	39	P	P	15 42 22.1 +0.4
O07A	Toulon	81.09	41	P	P	15 42 22.0 0.0
R09A	Tonopah	81.12	44	↓P	P	15 42 22.0 -0.2
V12A	Nelson	81.21	47	↓P	P	15 42 23.2 +0.5
I04A	Tendick Farm,	81.22	37	P	P	15 42 22.0 -0.6
S10A	Tonopah Range,	81.26	44	P	P	15 42 23.2 +0.3
MOD	Modoc	81.26	39	P	P	15 42 22.9 0.0
H03A	Soap Creek Ran	81.29	36	P	P	15 42 23.4 +0.4
Z14A	Wintersburg	81.30	50	↓P	P	15 42 23.7 +0.4
P08A	Dixie Valley	81.31	42	↓P	P	15 42 23.8 +0.6
X13A	Yucca	81.32	48	P	P	15 42 23.7 +0.3
Q09A	Carvers	81.39	43	↑P	P	15 42 23.8 +0.2
N07B	Gerlach	81.39	41	↓P	P	15 42 23.7 +0.1
K05A	Summer Lake	81.42	38	P	P	15 42 24.1 +0.4
W13A	Hualapai Mount	81.55	48	P	P	15 42 25.2 +0.6
Y14A	Wickenburg	81.56	49	P	P	15 42 24.9 +0.2
J05A	Fort Rock	81.56	38	P	P	15 42 24.8 +0.4
M07A	Soldier Meadow	81.63	40	P	P	15 42 25.0 +0.2
R10A	Warm Springs	81.65	44	P	P	15 42 25.4 +0.4
S11A	Rachel	81.66	45	↓P	P	15 42 25.3 +0.2
216A	Three Points,	81.69	52	↓P	P	15 42 25.8 +0.5
G03A	Yamhill	81.70	35	↑P	P	15 42 25.2 +0.1
116A	Eloy	81.79	51	P	P	15 42 26.7 +0.8
T11A	Corn Creek, AI	81.79	45	P	P	15 42 26.4 +0.6
KMOR	Kings Mountain	81.80	35	P	P	15 42 25.6 +0.1
U12A	Valley of Fire	81.81	46	↓P	P	15 42 26.4 +0.6
P09A	Austin	81.83	43	↓P	P	15 42 26.0 +0.2
K06A	Valley Falls	81.84	39	P	P	15 42 26.0 +0.1
V13A	Grand Canyon W	81.88	47	P	P	15 42 26.3 0.0
Q10A	Clear Creek Ra	81.89	44	P	P	15 42 26.3 +0.1
H04A	Detroit Lake	81.90	36	P	P	15 42 25.6 -0.5
L07A	Adell	81.91	40	P	P	15 42 26.6 +0.3
N08A	GE Springer Mi	81.91	41	P	P	15 42 26.3 0.0
X14A	Yava	81.91	49	P	P	15 42 27.1 +0.6
MAW	Mawson	81.92	200	eP	P	15 42 23.1 -2.9
MAW	Mawson	81.92	200	P	P	15 42 26.3 +0.3
MAW	Mawson	81.92	200	eP	P	15 42 23.1 -2.9
MAW	Mawson	81.92	200	eP	P	15 42 23.1 -2.9
F03A	Seaside	81.95	35	↓P	P	15 42 26.1 -0.3
Y15A	Casa Rosa Ranch	82.04	49	P	P	15 42 27.6 +0.5
217A	Green Valley	82.04	52	P	P	15 42 27.9 +0.7
G04A	Mulino	82.07	36	↑P	P	15 42 27.8 +0.8
I05A	Bend	82.09	37	↑P	P	15 42 27.5 +0.4
O09A	Fish Creek Ran	82.15	42	P	P	15 42 27.7 +0.2
M08A	Happy Creek Ra	82.15	40	P	P	15 42 27.8 +0.3
R11A	Troy Canyon, C	82.15	44	P	P	15 42 27.6 0.0
W14A	Seligman	82.16	48	P	P	15 42 28.5 +0.8
J06A	Christmas Vall	82.17	38	P	P	15 42 27.2 -0.3
U13A	Pakoon Wash	82.19	47	P	P	15 42 28.6 +0.8
S12A	Delamar Landin	82.23	45	P	P	15 42 28.6 +0.5
P10A	Eureka	82.30	43	P	P	15 42 28.6 +0.3
N09A	Rock Creek Ran	82.33	41	P	P	15 42 28.6 +0.1
TUC	Tucson	82.33	52	eP	P	15 42 28.3 -0.4
E03A	Lebam	82.35	34	P	P	15 42 28.7 +0.3
K07A	Rock Creek Ran	82.36	39	P	P	15 42 28.7 +0.1
V14A	Boquillas Ranc	82.37	48	P	P	15 42 29.4 +0.7
Z16A	Peralta Trail,	82.38	50	↓P	P	15 42 29.5 +0.6
X15A	Humboldt	82.38	49	P	P	15 42 29.6 +0.7
Q11A	Duckwater	82.38	44	P	P	15 42 29.0 +0.2
H05A	Madras	82.41	37	↑P	P	15 42 28.6 -0.2
318A	Bisbee	82.49	53	↓P	P	15 42 29.8 +0.3
117A	Oracle	82.50	51	↑P	P	15 42 30.1 +0.6
T13A	Saint George	82.55	46	↑P	P	15 42 30.0 +0.3
I06A	Prineville	82.56	38	P	P	15 42 29.8 +0.2
F04A	Amboy	82.56	35	↑P	P	15 42 29.2 -0.3
L08A	Fields	82.61	40	P	P	15 42 29.8 0.0
D03A	Wishkah Elem.	82.61	34	↓P	P	15 42 30.1 +0.3
Y16A	Circle Bar Ran	82.61	50	P	P	15 42 30.8 +0.7
O10A	Cortez Mining,	82.65	42	↑P	P	15 42 30.3 +0.1
CN2	Changchun	82.66	322	eP	P	15 42 28.5 -1.6
CN2				eAP	P	15 43 40.3 +6.0
CN2				eS	P	15 42 17.5 -5.6
CN2				AMB	AMB	

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CN2	comp=Z,1um,6.0s					
VIPM	Ingram Point	82.67	37	P	P	15 42 30.0 -0.1
M09A	Marre Point	82.70	41	P	P	15 42 30.7 +0.3
218A	Dragon	82.71	52	P	P	15 42 31.9 +1.3
P11A	Circle Ranch,	82.71	43	P	P	15 42 30.8 +0.3
W15A	Williams	82.72	48	↓P	P	15 42 31.2 +0.6
U14A	Mt Trumbull	82.73	47	P	P	15 42 31.3 +0.7
G05A	Warriors	82.73	36	P	P	15 42 30.3 -0.1
J07A	Hines	82.73	39	P	P	15 42 30.6 +0.1
NLWA	Neilton Lookou	82.74	33	eP	P	15 42 30.7 +0.3
NLWA	Neilton Lookou	82.74	33	↓P	P	15 42 30.6 +0.2
C03A	Quillayute Air	82.75	33	↓P	P	15 42 31.3 +0.8
R12A	Pony Springs,	82.79	45	P	P	15 42 31.1 +0.3
O0W	Octopus West	82.80	33	P	P	15 42 31.4 +0.7
K08A	Mann Creek Ran	82.84	39	P	P	15 42 31.1 +0.1
S13A	Holt Ranch, En	82.88	46	P	P	15 42 32.0 +0.6
X16A	Lo Mia Camp, P	82.91	49	P	P	15 42 32.4 +0.8
L09A	Wilkinson Ranc	82.92	40	P	P	15 42 31.5 +0.1
TDL	Tradedollar La	82.94	35	P	P	15 42 31.5 +0.1
H06A	Lindquist Farm	82.97	37	P	P	15 42 31.4 -0.2
WHN	Wuhan	82.97	306	↑P	P	15 42 34.5 +2.5
Y17A	Roosevelt	82.98	50	↑P	P	15 42 32.4 +0.5
319A	Douglas	82.99	53	↑P	P	15 42 32.6 +0.5
Q12A	Willow Creek R	83.03	44	P	P	15 42 32.4 +0.3
I07A	Izee	83.05	38	P	P	15 42 32.1 0.0
SVW2	Sparrevohn	83.05	10	eP	P	15 42 29.7 -1.9
F05A	White Salmon	83.05	36	↑P	P	15 42 32.2 +0.2
118A	Homack Ranch,	83.09	52	P	P	15 42 33.9 +1.3
O11A	Cowboy Ranch,	83.09	43	P	P	15 42 32.5 +0.1
G06A	Carlson Farm,	83.11	36	P	P	15 42 32.0 -0.3
V15A	Kaibab Natona	83.11	48	P	P	15 42 33.4 +0.8
T14A	Hurricane	83.13	46	P	P	15 42 33.1 +0.5
W16A	Flagstaff	83.19	49	P	P	15 42 34.1 +1.1
P12A	McGill	83.21	44	P	P	15 42 33.4 +0.3
J08A	Circle Bar Ran	83.22	39	P	P	15 42 33.2 +0.3
K09A	Rome	83.28	40	P	P	15 42 33.3 0.0
E05A	Randle	83.31	35	P	P	15 42 33.0 -0.3
H07A	Lands Inn, Kim	83.32	37	P	P	15 42 33.3 -0.1
M10A	LL Ranch, Tu	83.32	41	P	P	15 42 34.0 +0.5
X17A	Forest Lakes	83.33	50	P	P	15 42 35.1 +1.4
SEW	Seward	83.33	14	eP	P	15 42 31.0 -2.1
U15A	North Rim	83.34	47	P	P	15 42 34.6 +0.9
F06A	Goldendale	83.35	36	↓P	P	15 42 33.6 0.0
B04A	Port Angeles	83.36	33	↓P	P	15 42 33.7 +0.2
GNW	Green Mountain	83.39	34	↓P	P	15 42 33.3 -0.4
C04A	Brinnon	83.41	33	↓P	P	15 42 33.8 -0.1
I08A	Brewsey	83.48	38	P	P	15 42 34.5 +0.3
Q13A	Wheeler Ranch,	83.51	44	P	P	15 42 34.5 -0.1
WUAZ	Wupatki	83.52	49	eP	P	15 42 35.3 +0.7
WUAZ	Wupatki	83.52	49	↓P	P	15 42 34.9 +0.2
T15A	Red Dirt Ranch	83.59	47	P	P	15 42 35.5 +0.5
D05A	Enumclaw	83.59	34	P	P	15 42 35.2 +0.5
Y18A	Canyon Day Jun	83.61	51	↓P	P	15 42 35.6 +0.4
J09A	Fry Pan Ranch,	83.63	39	↓P	P	15 42 35.0 -0.1
119A	Ashpeak Ranch,	83.65	52	P	P	15 42 36.6 +1.2
G07A	Ruggs Ranch, H	83.67	37	↑P	P	15 42 35.2 0.0
L10A	Juniper Basin	83.68	41	P	P	15 42 35.3 0.0
E06A	Yakima	83.72	35	P	P	15 42 35.2 -0.2
M11A	Holland Ranch,	83.73	42	P	P	15 42 36.0 +0.3
O12A	Currie	83.75	43	P	P	15 42 35.6 -0.2
W17A	Winslow	83.76	49	↑P	P	15 42 35.4 -0.5
PGC	Sidney	83.77	33	eP	P	15 42 34.9 -0.7
P13A	Gates Ranch, G	83.78	44	P	P	15 42 36.0 +0.1
H08A	Prairie City	83.79	38	P	P	15 42 35.5 -0.3
K10A	MacKenzie Ranc	83.83	40	P	P	15 42 36.2 +0.1
MA2	Magadan	83.87	344	eP	P	15 42 33.9 -1.9
N12A	Clover Valley	83.89	42	P	P	15 42 36.5 +0.1
F07A	Phinny Hill Vi	83.90	36	↑P	P	15 42 36.3 0.0
Z19A	T-Link Ranch,	83.93	51	↑P	P	15 42 37.2 +0.4
S15A	Panguitich	83.94	46	P	P	15 42 38.2 +1.5
U16A	Tube City	84.00	48	P	P	15 42 37.8 +0.6
I09A	Lost Marbles R	84.01	39	P	P	15 42 36.8 -0.1
Q14A	Sevier Lake (B	84.02	45	P	P	15 42 37.3 +0.2
X18A	Snowflake	84.03	50	↓P	P	15 42 37.7 +0.4
C05A						

ANMO			i PP	pP	15 44 05.3 +7.0
PV01	Paradox Valley	86.77	47 eP	P	15 42 50.1 -0.6
SYO	Syowa Base	87.00	192j eP	P	15 42 49.2 -2.1
SYO	Syowa Base	87.00	192j eP	pP	15 44 05.8 +6.9
F13A	Darby	87.03	39	P	15 42 51.0 -0.7
	baz=87, SNR=27				
HYT	Haines Junction	87.03	18 iP	P	15 42 50.9 -0.4
A10A	Northport	87.04	35	P	15 42 51.1 -0.6
	baz=87, SNR=7.9				
GD2L	Guadalupe Moun	87.09	54 eP	pP	15 44 06.9 +6.9
K16A	Soda Springs	87.12	42 iP	P	15 42 51.9 -0.3
D12A	Red Ives Fores	87.14	37 iP	P	15 42 51.6 -0.6
	baz=87				
GYA	Guliyang	87.23	299 P	P	15 42 52.5 -0.6
GYA			AP	pP	15 44 09.3 +8.5
GYA			XP	PP	15 44 41.8 +1.1
GYA			PP	SS	15 46 24.5 +2.6
GYA			SKS	S	15 52 47.5
GYA			S	PS	15 53 04.5 -4.1
GYA			PS	SS	15 54 51.8 +3.2
GYA			XS	SS	15 55 16.3 +8.3
GYA			AMB	AMB	
	comp=Z,20nm,1.0s,mb4.9				
G14A	Jackson	87.25	39 iP	P	15 42 52.6 -0.2
	baz=87				
B11A	Sandpoint	87.36	36 P	P	15 42 53.1 -0.1
	baz=87, SNR=10.0				
MCMT	McKenzie Canyo	87.39	40 eP	P	15 42 53.2 -0.2
E13A	Victor	87.47	38 iP	P	15 42 52.9 -0.9
	baz=88				
F14A	Wisdom	87.61	39 P	P	15 42 54.4 0.0
DLBC	Dease Lake	87.66	23 eP	P	15 42 54.0 -0.3
A11A	Hall Mountain,	87.67	35 iP	P	15 42 54.5 -0.1
	baz=88, SNR=8.2				
D13A	Huson	87.68	37 P	P	15 42 53.7 -1.0
	baz=88, SNR=9.8				
G15A	Dillon	87.79	40 iP	P	15 42 55.3 -0.1
	baz=88, SNR=17				
DLMT	Dillon	87.83	40 eP	P	15 42 55.5 0.0
	comp=Z,18nm,0.8s,mb5.0				
E14A	Clinton	87.86	38 P	P	15 42 55.3 -0.3
	baz=88, SNR=5.3				
C13A	Hot Springs	87.93	37 P	P	15 42 55.1 -0.8
	baz=88, SNR=7.8				
COLA	College	87.94	12 eP	P	15 42 53.3 -2.3
	comp=Z,24nm,1.3s,mb5.2				
COLA	College	87.94	12d iP	P	15 42 53.2 -2.3
IMA2	Indian Mountai	88.01	9 eP	P	15 42 54.4 -1.4
SNA4	Sanae	88.10	178 eP	P	15 42 55.9 -0.6
	15 42 58.2				
SNA4	Sanae	88.10	178 eP	P	15 42 55.8 -0.6
	comp=Z,9.1nm,0.8s,mb4.7				
SNA4	Sanae	88.10	178 iP	P	15 42 56.0 -0.5
F15A	Butte	88.14	39 P	P	15 42 56.6 -0.3
	baz=88, SNR=15				
D14A	Greenough	88.22	38 P	P	15 42 56.2 -1.0
	baz=88, SNR=12				
QLMT	Earthquake Lak	88.25	40 eP	P	15 42 54.8 +0.9
CHMT	Chamberlain Mo	88.27	38 eP	P	15 42 56.8 -0.8
E15A	Deer Lodge	88.36	39 P	P	15 42 57.4 -0.6
	baz=88, SNR=5.2				
B13A	Whitefish	88.38	36 iP	P	15 42 57.2 -0.7
	baz=88				
PDAR	Pinedale Array	88.38	43 P	P	15 42 57.5 -0.6
	comp=Z,5.9nm,0.8s,mb4.2, baz=209, slow=3.1, SNR=28				
C14A	Swan Lake	88.45	37 iP	P	15 42 57.3 -1.0
	baz=88				
BOZ	Bozeman (W)	88.56	40 iP	P	15 42 59.2 +0.3
	baz=88				
VN2A	Neumayer-Watz	88.66	177 eP	P	15 42 59.4 +0.3
A15A	Flathead Natio	88.72	36 iP	P	15 42 59.6 0.0
	baz=89				
D15A	Lincoln	88.76	38 P	P	15 42 59.7 -0.1
	comp=Z,3.7nm,1.1s,mb4.1, baz=220, slow=7.9, SNR=3.4				
PLCA	Paso Flores	88.82	133 P	P	15 43 00.2 -0.3
	comp=Z,3.7nm,1.1s,mb4.1, baz=220, slow=7.9, SNR=3.4				
MAIT	Maitri	88.87	183 eP	P	15 42 57.0 -3.0
	15 43 00.5 +4.4				
VN1A	Neumayer-Stat	88.88	176 eP	P	15 43 02.9
	15 43 02.9				
BILL	Bilibino	89.00	354j eP	P	15 42 59.2 -1.2
BILL			e PP	pP	15 44 12.0 +3.6
BILL			e	P	15 46 30.7
	comp=Z,6.0nm,1.0s,mb4.4				
DAWY	Dawson	89.15	16 eP	P	15 43 00.5 -0.7
EGAK	Eagle	89.31	15 eP	P	15 43 00.8 -1.2
RLMT	Red Lodge	89.73	41 eP	P	15 43 04.9 +0.5
	comp=Z,19nm,0.9s,mb4.1				
HHC	Hu-ho-hac-te	89.80	314 eP	P	15 43 05.0 +0.2
HHC			AP	pP	15 44 20.8 +7.9
HHC			XP	PP	15 44 53.0 +1.1
HHC			PP	SS	15 46 46.0 +4.0
HHC			SKS	S	15 53 04.0
HHC			S	PS	15 53 26.5 -5.4
HHC			SS	SS	15 55 19.5 +2.9
HHC			SS	SS	15 55 39.8 +7.7
HHC			AMB	AMB	15 59 37.5 +0.4
	comp=Z,17nm,0.6s,mb5.0				
GCMT	Greycliff	89.81	40 eP	P	15 43 04.5 -0.3
KMI	Kunming	89.95	297 eP	P	15 43 08.0 +2.1
KMI			AP	pP	15 44 23.0 +9.1
KMI			XP	PP	15 44 54.5 +1.1
	AMB				
	comp=Z,9.0nm,1.4s,mb4.4				
AMTX	Amarillo	90.26	53 eP	P	15 43 06.4 -0.7
	comp=Z,6.0nm,0.8s,mb4.7				
CMAR	Chiang Mai Arr	90.77	289 P	P	15 43 11.1 +1.2
	comp=Z,2.3nm,0.8s,mb4.1, baz=114, slow=2.6, SNR=19				
CMAR	Chiang Mai Arr	90.77	289 iP	P	15 43 11.6 +1.8
	comp=Z,2.0nm,0.8s				
CHTO	Chiang Mai	90.89	290 eP	P	15 43 12.0 +1.5
CD2	Chengdu	91.35	302 eP	P	15 43 12.5 +0.2
CD2			AP	pP	15 44 28.3 +8.0
CD2			XP	PP	15 45 00.8 +1.1
CD2			PP	SS	15 46 57.3 +2.9
CD2			SKS	S	15 53 12.0
CD2			S	SS	15 53 41.5 -4.9
CD2			SS	SS	15 55 54.8 +7.9
CD2			SS	SS	15 59 58.8 -0.9
	AMB				
	comp=Z,10.0nm,0.8s,mb4.7				
EDM	Edmonton	91.62	33 eP	P	15 43 12.2 -0.7
YAK	Yakutsk	92.28	338 iP	P	15 43 13.7 -2.1
YAK					
	comp=Z,9.0nm,0.9s,mb4.7				
RSSD	Black Hills	92.56	44 eP	P	15 43 16.9 -0.6
	comp=Z,20nm,0.9s,mb5.0				
RSSD	Black Hills	92.56	44 eP	P	15 43 16.9 -0.6
	comp=Z,20nm,0.9s,mb5.0				
LZH	Lanzhou	93.28	307 eP	P	15 43 23.0 +1.9
LZH			AP	pP	15 44 38.5 +9.3
LZH			PP	PP	15 47 13.8 +4.4
LZH			SKS	S	15 53 25.0
LZH			eS	S	15 53 58.0 -5.3
LZH			XS	SS	15 58 12.0 +7.7
LZH			SS	SS	16 00 27.0 -0.2
	AMB				
	comp=Z,13nm,1.0s,mb4.8				
LZH			AMB	AMB	
	comp=Z,59nm,4.5s				
INK	Inuvik	93.97	15 P	P	15 43 21.5 -2.0
	comp=Z,15nm,0.9s,mb5.0, baz=213, slow=6.6, SNR=18				
INK	Inuvik	93.97	15 eP	P	15 43 21.8 -1.6
DGMT	Dagmar	94.37	40 eP	P	15 43 25.6 -0.1
	comp=Z,18nm,0.9s,mb5.1				
YKA	Yellowknife Ar	96.10	24 P	P	15 43 31.2 -2.1
YKA	Yellowknife Ar	96.10	24 P	P	15 43 31.2 -2.1
	comp=Z,5.2nm,1.0s,mb4.6, baz=239, slow=4.5, SNR=9.7				
SONM	Sonoma Array	96.15	319 PP	P	15 47 24.8 -6.4
	comp=Z,1.9nm,0.9s,mb4.1, baz=122, slow=7.0, SNR=3.0				
ECSD	EROS, Sioux Fal	97.33	46 eP	P	15 43 38.3 -0.9
	comp=Z,7.7nm,1.3s,mb4.8				
TIXI	Tiksi	98.83	345j eP	Pdf	15 43 42.8 -3.1
PLAL	Pickwick Lake	98.72	57 eP	Pdf	15 43 52.6 -1.8
	comp=Z,18nm,0.8s				

LHS	Liberty Hill	106.36	59 eP	Pdf	15 44 15.5 -3.9
ZALV	Zalesovo Beam	110.86	321 PKPKP	PKPKP	15 48 35.4 -1.9
	comp=Z,0.8nm,0.5s, baz=27, slow=3.3, SNR=3.7				
ZALV			PP	PP	15 49 16.4 -3.7
ZAL	Zalesovo	110.87	321 PKPKP	PKPKP	15 48 35.4 -1.9
	15 49 16.4				
MKAR	Makanchi Array	111.65	313 PKIKP	PKIKP	15 48 37.0 -1.9
	comp=Z,0.9nm,0.6s, baz=90, slow=1.2, SNR=6.4				
BVAR	Borovoye Array	119.46	320 PKP	PKP	15 48 52.1 -1.7
	comp=Z,1.3nm,0.4s, baz=123, slow=1.2, SNR=9.7				
BVAR			PP	PP	15 50 15.8 -4.3
	comp=Z,0.8nm,0.8s, baz=104, slow=6.1, SNR=2.5				
ARU	Arti	125.52	326 iPKIKP	PKP	15 49 04.0 -1.3
	15 50 59.3				
ABO	Boshof	126.67	205 PKP	PKP	15 49 08.4 -0.1
	comp=Z,2.4nm,0.7s, baz=140, slow=3.0, SNR=4.1				
ARCES	ARCCESS Array B	128.94	350 PKP	PKP	15 49 10.6 -0.9
	comp=Z,0.8nm,0.4s, baz=23, slow=7.2, SNR=16				
ARCES			SKP	SKP	15 52 19.0
	comp=Z,1.7nm,0.7s, baz=352, slow=2.5, SNR=4.9				
NOA	NORSAR Array B	138.95	554 SKPbc	SKPbc	15 52 34.8 -3.4
	comp=Z,1.9nm,0.8s, baz=14, slow=4.5, SNR=3.4				
HFS	Hagfors	139.54	352 PKPbc	PKPbc	15 49 21.0
	comp=Z,1.9nm,0.6s, baz=34, slow=5.5, SNR=12				
AKASG	Malin Array Be	143.26	332 PKHkP	PKHkP	15 49 33.8
	comp=Z,0.9nm,0.3s, baz=41, slow=4.2, SNR=12				
AKASG			SKP	SKP	15 52 46.9
	comp=Z,0.4nm,0.4s, baz=27, slow=1.9, SNR=9.7				
EKA	Eskdalemuir Ar	144.82	6 PKP	PKP	15 49 39.1 -1.9
	comp=Z,8.2nm,0.9s, baz=330, slow=3.0, SNR=1.2				
EKA			SKPbc	SKPbc	15 52 51.2 -1.8
	comp=Z,1.0nm,0.5s, baz=339, slow=2.1, SNR=8.5				
BSEG	Bad Segeberg	146.01	352 ePKPbc	PKPbc	15 49 43.7 -0.8
LZH	L'zov	146.12	335 ePKP2	PKPab	15 49 43.7 -2.4
UVH	Uzhovog	147.75	335 iPKP2	PKPab	15 49 48.8 -3.8
KSP	Ksiaz	147.79	344 ePKP	PKPbc	15 49 48.7 -0.8
KSP	Ksiaz	147.79	344 ePKP	PKPbc	15 49 48.7 -0.8
KSP			ePKP	PKPab	15 49 52.0 -0.7
KSP	Ksiaz	147.79	344 iPKP2	PKPab	15 49 52.0 -0.7
CRVS	Cervenica-Dubn	147.85	337 ePKP	PKPab	15 49 52.3 -0.7
CLZ	Clausthal	148.05	351 ePKPbc	PKPbc	15 49 49.6 -0.5
CLZ			ePKPbc	PKPab	15 49 51.9 -1.8
Colm		148.11	348 iPKPbc	PKPbc	15 49 49.1 -1.2
	comp=Z,13nm,0.8s				
CLL					
	comp=Z,18nm,1.2s				
CLL	Collm	148.11	348 ePKPbc	PKPbc	15 49 49.4 -0.9
CLL	Collm	148.11	348 iPKPbc	PKPbc	15 49 49.1 -1.2
	comp=Z,13nm,0.8s				
CLL			iPKPab	PKPab	15 49 51.8 -2.2
UPC	Uptic	148.17	344 ePKPbc	PKPbc	15 49 49.9 -0.6
DPC	Dobruska-Polom	148.23	343 ePKPbc	PKPbc	15 49 50.2 -0.5
DPC			ePKPbc	PKPab	15 49 54.0 -0.5
BRG	Berggiesshubb	148.33	346 iPKP2	PKPbc	15 49 49.9 -1.0
	comp=Z,3.0nm,0.7s				
BRG					
	comp=Z,9.0nm,1.3s				
BRG	Berggiesshubb	148.33	346 ePKPbc	PKPbc	15 49 50.2 -0.7
BRG			ePKPbc	PKPbc	15 49 53.6 -1.3
BRG	Berggiesshubb	148.33	346 ePKPbc	PKPbc	15 49 49.9 -1.0
	comp=Z,5.7nm,0.7s				
BRG					
	comp=Z,15nm,1.3s				
MORC	Moravsky Kotel	148.41	342 ePKPbc	PKPbc	15 49 50.3 -0.8
PVCC	Panska Ves	148.51	346 ePKPbc	PKPbc	15 49 51.0 -0.3

ellipse: s-maj=16.6km s-min=7.1km az=157.8
NCC 27 15:45:01.3, 5.8, 37.12N, 71.15E, h191km, 73km, mb2.5,
mpv3.6, Error ellipse: s-maj=55.5km s-min=31.5km
az=22.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THN Thein Dam, KK31 Karatay Array, TKM2 Tokmak 2, etc.

ISCUBJ 27 16:10:57.9, 2.0, 186S:0.2, 1779W:0.2, h490km, 47km,
mb3.9/7, Error ellipse: s-maj=43.1km s-min=29.9km
az=43.6

NEIC 27 16:10:58.4, 1.6, 186S:1.77781W, h483km, 38km, mb4.0/5,
Error ellipse: s-maj=34.1km s-min=21.5km az=218.0
IDC 27 16:11:02.3, 1.7, 187S:1.7641W, h62km, 25km, mb3.3/4,
mb1 3.4/5, mb1mx2.9/19, mbtmp3.3/5, Error ellipse:
s-maj=250.7km s-min=33.4km az=79.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afimatu, URZ Urewera, CTAO Charters Tower, etc.

ISCUBJ 27 17:40:44.7, 0.6, 3933N:0.2023E:0.05, h73km, 5km,
Error ellipse: s-maj=6.8km s-min=3.9km az=3.1
THE 27 17:40:44.6, 3933N:20.14E, h1km, ML3.1
CSEM 27 17:40:45.3, 0.1, 3934N:20.21E, h8km, ML3.1, Error
ellipse: s-maj=3.0km s-min=1.6km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUEV Luepa, RIOV Rio Grande, GUVI El Guri, etc.

ISC 27 17:02:34.8, 3.1, 521S:10201E, h0km, mb3.9/7, mb1 4.0/7,
mb1mx3.7/19, mbtmp3.9/7, Error ellipse:
s-maj=135.4km s-min=18.0km az=57.0, Southern
Sumatera

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

NEIC 27 17:39:18.4, 0.9, 870S:12298E, h136km, 9km, mb4.2/14,
Error ellipse: s-maj=16.2km s-min=6.2km az=59.0
ISCUBJ 27 17:39:19.1, 0.5, 878S:0.005, 12301E:0.09, h164km, 5km,
mb4.0/17, Error ellipse: s-maj=16.3km s-min=5.5km
az=156.7

IDC 27 17:39:19.6, 1.1, 866S:12291E, h143km, 9km, mb3.9/10,
mb1 9/12, mb1mx3.8/18, mbtmp3.8/12, Error ellipse:
s-maj=30.8km s-min=11.1km az=78.0
DJA 27 17:39:20.8, 885S:12287E, h162km, ML4.0/3
ISC 27 17:39:20.5, 0.5, 879S:0.005, 1229E:0.1, h151km, 6km, n37,
a106/42, mb4.0/17, 1C, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Baumenta, KDI Kendari, KATI Kappang, etc.

Table with columns: STKA Stephens Creek, SKSA Stephens Creek, KSRS Korea Array, LSA Lhasa, CASY Casey, SONM Songoing Array, MK31 Makanchi Array, etc.

Table with columns: MAW Mawson, MVA Mawson, WANDA Wanda, SBA Scott Base, QSPA South Pole Qui, QSPA South Pole Qui, CPUP Villa Florida, LPAZ Lapaz, etc.

ISCUBJ 27 17:40:45.7, 0.6, 3933N:0.2023E:0.05, h73km, 5km,
Error ellipse: s-maj=6.8km s-min=3.9km az=3.1
THE 27 17:40:44.6, 3933N:20.14E, h1km, ML3.1
CSEM 27 17:40:45.3, 0.1, 3934N:20.21E, h8km, ML3.1, Error
ellipse: s-maj=3.0km s-min=1.6km az=62.0

ATH 27 17:40:45.0, 3912W:0.2029E, h12km, 4km, MD3.2/6
NEIC 27 17:40:45.0, 3930N:20.29E, h12km, MD3.2(ATH), 6km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGT Igoumitsa, KEK Kerkira, JAN Janina, etc.

IDC 27 17:47:57.7, 3.4, 1751S:17578W, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.6/17, mbtmp3.8/3, Error ellipse:
s-maj=168.6km s-min=71.4km az=155.0, Tonga Islands

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

NEIC 27 18:30:35.9, 0.7, 615S:14937E, h10km, mb4.4/6, Error
ellipse: s-maj=10.9km s-min=10.9km az=99.1
IDC 27 18:30:35.4, 1.1, 624S:14934E, h0km, mb4.0/10,
mb1 4.2/11, mb1mx1.4/17, mbtmp1.4/11, ML2.2.1, MS3.4/7,
MS1 3.4/7, ms1mx3.1/33, Error ellipse: s-maj=37.0km
s-min=16.3km az=102.0

ISCUBJ 27 18:30:41.1, 2.8, 629S:0.009, 1492E:0.2, h57km, 2.3km,
mb4.0/13, MS3.4/5, Error ellipse: s-maj=27.8km
s-min=14.4km az=6.3

ISC 27 18:30:41.9, 2.6, 631S:0.009, 1493E:0.1, h49km, 2.2km, n26,
a107/22, mb4.0/13, MS3.4/5, New Britain region

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

Table with columns: CASY Casey, SONM Songoing Array, VANDA Vanda, VANDA Vanda, ZALV Zalesovo Beam, GQSA South Pole Qui, PFO Puyong Flat Qib, TORD Torodi Arr, etc.

NEIC 27 18:49:39.2, 3.6, 3139S:17987W, h344km, 31km, mb3.8/2,
Error ellipse: s-maj=42.0km s-min=21.6km az=219.0
IDC 27 18:49:40.2, 2.8, 3141S:17989W, h350km, 24km, mb3.2/4,
mb1 3.3/6, mb1mx3.1/18, mbtmp3.2/6, Error ellipse:
s-maj=28.9km s-min=18.7km az=55.0

ISC 27 18:49:46.1, 2.2, 318S:0.1, 1795E:0.3, h374km, 16km, n16,
a083/13, mb3.3/5, Kermadec Islands region

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

ISC 27 18:57:00.6, 3938N:4076E, h5km, MD3.5
CSEM 27 18:57:01.1, 0.1, 3936N:4079E, h2km, MD3.5, Error
ellipse: s-maj=2.0km s-min=1.4km az=112.0
DDA 27 18:57:01.0, 3941N:4084E, h4km, 2km, Md3.4
ISCUBJ 27 18:57:02.1, 0.3, 3940N:0.02, 4075E:0.03, h5km, Error
ellipse: s-maj=3.7km s-min=3.1km az=31.6

ISC 27 18:57:02.1, 0.6, 3940N:0.02, 4075E:0.04, h0km, 5km, n40,
a103/46, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BNGL BINGOL, BNGL Bingol, BINT BINT, etc.

MAN 27 19:06:49, 1035N:12516E, h4km, mb3.7, ML2.4, MS1.9,
1C, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSLP Maasin, PLP Palo, PLP Palo, etc.

MOS 27 19:18:17.8, 1.1, 5201N:17798E, h123km, mb4.1/18, Error
ellipse: s-maj=16.6km s-min=11.9km az=51.2
BUJ 27 19:18:17.0, 5222N:17809E, h137km, mb4.8, mb4.6
ISCUBJ 27 19:18:18.6, 0.5, 5203N:0.06, 17793E:0.05, h132km, 4km,
mb4.2/27, Error ellipse: s-maj=10.3km s-min=4.9km
az=170.8

NEIC 27 19:18:19.7, 0.5, 5197N:17795E, h131km, 5km, mb4.5/16,
Error ellipse: s-maj=9.8km s-min=4.6km az=191.0
IDC 27 19:18:20.9, 2.2, 5206N:17795E, h136km, 17km, mb3.9/19,
mb1 4.0/21, mb1mx3.9/20, mbtmp3.9/21, MS2.5/1,
MS1 2.5/1, ms1mx1.9/31, Error ellipse: s-maj=16.9km
s-min=9.5km az=160.0

ISC 27 19:18:19.7, 0.4, 5201N:0.06, 17793E:0.05, h127km, 4km,
n94, a095/92, mb4.2/27, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ONI Oni, TBL Delisi, TBL Matsuminda, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Honiara, Charters Tower, Kakadu, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kilima Mbogo, Lusaka, Tsumeb, Geresse Array, etc.

HLW 27 22:01:26.2, 3593N, 2397E, h16km, Mb3.4
CSEM 27 22:01:28.4, 0.1, 3597N, 2388E, h20km, ML3.6, Error
ellip: s-maj=3.9km s-min=1.3km az=42.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAMOS, Veli, GVD, Lasithi, Neapolis, Didima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chachacare, Guiria, Trinidad (W), Brigand Hill, etc.

ISC 27 22:03:06.4, 3.8, 713S, 15555E, h29km, 6km, mb3.6/5,
mb1 3.8/5, mb1mx3.5/16, mbtmp3.6/5, MS2.7/1, Ms1 2.7/1,
ms1mx2.4/24, Error ellip: s-maj=108.7km
s-min=35.1km az=114.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Christmas Isla, Banjamegara, Karangates, etc.

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

CSEM 27 22:27:26.0, 1.2, 2331N, 6439E, h2km, mb4.0/3, Error
ellip: s-maj=5.3km s-min=2.8km az=173.0
IDC 27 22:27:17.8, 0.9, 2326N, 6447E, h0km, mb3.9/15,
mb1 4.0/15, mb1mx3.9/27, mbtmp3.9/15, MS3.2/4,
Ms1 3.2/4, ms1mx2.0/30, Error ellip: s-maj=24.5km
s-min=16.0km az=140

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Wadi Bani Khal, Bidbid, Samad, etc.

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

ISC 27 22:30:31.6, 9.6, 3701N, 7039E, h0km, mb3.8, mpv3.6,
2C-3D, Error ellip: s-maj=111.2km s-min=73.6km
az=80.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, Nemuro, Rausu, etc.

ISCJB 27 21:26:24.3, 0.6, 1101N, 003.6, 6192W, 003, h81km, 7km,
Error ellip: s-maj=5.8km s-min=4.2km az=30.9
FUNV 27 21:26:24.9, 1.1, 060N, 61.74W, h53km, MD2.8
TRN 27 21:26:25.9, 1.1, 040N, 61.95W, h63km, MD2.9
NEIC 27 21:26:25.9, 1.1, 040N, 61.95W, h63km, MD2.9 (TRN), After TRN

ISC 27 21:26:25.4, 0.6, 1102N, 003.6, 6192W, 003, h73km, 8km, n20,
e077/37, 1D, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chachacare, Guiria, Trinidad (W), Brigand Hill, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kilima Mbogo, Lusaka, Tsumeb, Geresse Array, etc.

ISCJB 27 21:59:01.4, 0.8, 28S, 02-36.1E, 03, h10km, mb3.7/3,
MS3.5/2, Error ellip: s-maj=41.2km s-min=12.4km
az=30.3
IDC 27 21:59:02.1, 1.5, 278S, 36.18E, h0km, mb3.5/3, mb1 3.8/4,

27d 23h

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like YBH Yreka Blue Hor, SQM Sequim, M02C Callahan, etc.

2007 JUL

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like K08A Mann Creek Ran, E09A Wood Farm, Sta, D09A Jones Farm, Ri, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like A12A Yaak River Ran, T06C Hillerton Lake, V03C Hunter Liggett, etc.

HVU	Hansel Valley	12.67	96	ePn	Pn	23 25 50.0 +0.6	comp=Z,2um,20.3s,baz=313,slow=34	PFO	Pinyon Flat Ob	14.94	132	U P	Pn	23 26 21.2 +0.7
TPNV	Topopah Spring	12.67	122	ePn	Pn	23 25 51.7 +2.1	baz=15	T15A	Red Dirt Ranch	15.09	114	U P	Pn	23 26 23.4 +1.0
TPNV	Topopah Spring	12.67	122	U P	Pn	23 25 51.1 +1.5	baz=13	NEE2	Needles Airport	15.12	125	U P	Pn	23 26 24.1 +1.2
N14A	Grayback Hills	12.69	101	U P	Pn	23 25 50.5 +0.7	baz=15	109C	Camp Elliot, M	15.17	135	U P	Pn	23 26 23.1 -0.5
HRV	Holter Researc	12.73	74	ePn	Pn	23 25 51.1 +0.8	baz=15	IRM	Iron Mountain	15.25	128	U P	Pn	23 26 25.7 +1.1
BOZ	Bozeman (W)	12.84	78	ePn	Pn	23 25 52.7 +0.8	baz=15	SRU	San Rafael	15.27	104	ePn	Pn	23 26 25.7 +0.8
LRMC	Laurel Mountain	12.86	100	U P	Pn	23 25 52.8 +0.6	baz=15	SRU	San Rafael	15.27	104	U P	Pn	23 26 25.6 +0.7
L15A	Malad City	12.88	95	U P	Pn	23 25 53.4 +1.1	baz=13	W13A	Hualapai Mount	15.33	122	U P	Pn	23 26 27.3 +1.7
R12A	Pony Springs,	12.89	113	U P	Pn	23 25 54.1 +1.6	baz=13	SKAG	Skagway	15.39	349	ePn	Pn	23 26 30.2 +3.9
Q13A	Wheeler Ranch,	12.95	110	U P	Pn	23 25 54.3 +0.9	baz=13	BC3	Big Chuckw Mtn	15.45	130	U P	Pn	23 26 28.3 +1.1
U10A	Ash Meadows, A	12.97	124	U P	Pn	23 25 55.5 +1.8	baz=13	V14A	Boquillas Ranc	15.46	119	U P	Pn	23 26 28.5 +1.1
M15A	Larsen Ranch,	13.00	97	U P	Pn	23 25 55.0 +0.9	baz=13	R17A	Hanksville Air	15.47	106	U P	Pn	23 26 28.4 +0.9
QLMT	Earthquake Lak	13.03	82	ePn	Pn	23 25 56.0 +1.7	baz=13	U15A	Yava	15.49	115	U P	Pn	23 26 28.5 +0.8
BSC	Santa Cruz Isl	13.05	140	U P	Pn	23 25 54.8 +0.1	baz=13	MONP	Monument Peak	15.52	134	U P	Pn	23 26 27.4 -0.7
SPUT	South Promonto	13.05	98	ePn	Pn	23 25 56.4 +1.7	baz=13	Q18A	Rafael H Ranch	15.55	103	U P	Pn	23 26 29.1 +0.5
SIT	Sitka	13.08	346	ePn	Pn	23 25 59.0 +4.0	baz=13	BAR	Barrett	15.55	135	ePn	Pn	23 26 27.2 -1.4
T11A	Corn Creek, Al	13.13	118	U P	Pn	23 25 56.6 +0.8	baz=13	T16A	Glen Canyon Da	15.68	112	U P	Pn	23 26 30.4 +0.2
S12A	Delamar Landin	13.14	116	U P	Pn	23 25 55.9 0.0	baz=13	X13A	Yucca	15.71	123	U P	Pn	23 26 31.6 +1.0
N15A	Stansbury Isla	13.15	100	U P	Pn	23 25 54.6 -1.4	baz=13	PDMCI	Parker Dam,Lak	15.73	125	U P	Pn	23 26 31.7 +0.8
EDW2	Edwards Air Fo	13.15	133	U P	Pn	23 25 55.3 -0.8	baz=13	W14A	Wellsman	15.75	120	U P	Pn	23 26 31.4 +0.3
DUG	Dugway	13.21	103	ePn	Pn	23 25 57.3 +0.4	baz=13	SW5C	Sam W. Stewart	15.81	132	U P	Pn	23 26 31.7 -0.2
DUG	Dugway	13.21	103	U P	Pn	23 25 57.5 +0.5	baz=13	DVTC	Desert V Tower	15.87	133	U P	Pn	23 26 33.1 +0.5
BLG	Laguna Peak	13.22	138	U P	Pn	23 25 58.1 +1.0	baz=13	Y12C	Blythe	15.90	127	U P	Pn	23 26 34.3 +1.2
K16A	Soda Springs	13.23	91	U P	Pn	23 25 58.4 +1.2	baz=13	V15A	Kalibar Nationa	15.93	117	U P	Pn	23 26 34.4 +0.8
P14A	Drum Mountains	13.30	106	U P	Pn	23 25 58.4 +0.4	baz=13	R18A	Canyonlands Na	16.05	105	U P	Pn	23 26 35.2 +0.2
RR12	Red Ridge	13.31	88	ePn	Pn	23 26 00.1 +1.8	baz=13	Q19A	Hogan Spring (	16.22	103	U P	Pn	23 26 37.4 +0.2
SHOC	Shoshone	13.36	125	U P	Pn	23 25 59.6 +0.7	baz=13	GLA	Glamis	16.25	130	ePn	Pn	23 26 37.7 +0.2
DCID1	Drake Creek	13.37	87	ePn	Pn	23 26 01.1 +2.1	baz=13	GLA	Glamis	16.25	130	U P	Pn	23 26 38.3 +0.7
O15A	The Old Anders	13.42	102	U P	Pn	23 25 59.8 +0.1	baz=13	Y13A	Salome	16.25	125	U P	Pn	23 26 39.0 +1.3
Q14A	Sevier Lake (B	13.44	108	U P	Pn	23 26 00.5 +0.5	baz=13	W15A	Williams	16.28	119	U P	Pn	23 26 38.9 +0.9
DECO	Green Verdugo	13.47	135	U P	Pn	23 26 01.1 +0.6	baz=13	S18A	Hurst Farm, Bl	16.32	108	U P	Pn	23 26 39.3 +0.8
GSC	Goldstone	13.48	128	ePn	Pn	23 26 01.6 +1.0	baz=13	X14A	Yucca	16.36	122	U P	Pn	23 26 39.0 +0.1
GSC	Goldstone	13.48	128	U P	Pn	23 26 01.1 +0.5	baz=13	U16A	Taba City	16.41	114	U P	Pn	23 26 40.2 +0.6
YFT	Old Faithful	13.49	83	ePn	Pn	23 26 04.7 +4.1	baz=13	U17A	Shonto	16.46	112	U P	Pn	23 26 40.9 +0.7
IMW	Indian Meadow	13.49	86	ePn	Pn	23 26 03.1 +2.4	baz=13	R19A	Curley Farm, L	16.53	105	U P	Pn	23 26 41.2 0.0
NOQ	North Oquirrh	13.52	100	ePn	Pn	23 26 02.3 +1.2	baz=13	LAO	LaSA Array	16.58	74	ePn	Pn	23 26 43.4 +1.6
U11A	Corn Creek	13.54	122	U P	Pn	23 26 00.3 -1.1	baz=13	WUAZ	Wupatki	16.63	116	ePn	Pn	23 26 43.8 +1.4
TPAW	Teton Pass	13.55	88	ePn	Pn	23 26 03.5 +2.0	baz=13	WUAZ	Wupatki	16.63	116	U P	Pn	23 26 42.3 -0.1
L16A	Fish Haven	13.55	94	U P	Pn	23 26 01.5 0.0	baz=13	PV10	Paradox Valley	16.64	104	ePn	Pn	23 26 43.2 +0.6
YNR	Norris Junctio	13.57	82	ePn	Pn	23 26 05.0 +3.2	baz=13	Y14A	Wickenburg	16.65	123	U P	Pn	23 26 42.5 -0.2
AHD	Auburn Hatcher	13.57	91	ePn	Pn	23 26 02.9 +0.8	baz=13	RWWY	Rawlins	16.67	92	ePn	Pn	23 26 44.1 +1.2
SHPR	Sheep Range	13.63	121	ePn	Pn	23 26 05.2 +2.5	baz=13	T18A	Mexican Hat	16.69	109	U P	Pn	23 26 42.7 -0.5
MWC	Mount Wilson	13.63	135	ePn	Pn	23 26 04.6 +2.0	baz=13	X15A	Humboldt	16.75	121	U P	Pn	23 26 43.9 -0.1
M16A	Huntsville	13.63	97	U P	Pn	23 26 02.7 +0.1	baz=13	I12A	Yuma	16.77	130	U P	Pn	23 26 44.5 +0.3
FLWY	Flagg Ranch	13.63	85	ePn	Pn	23 26 05.4 +2.8	baz=13	W16A	Flagstaff	16.79	118	U P	Pn	23 26 44.7 +0.2
REDW	Red Top Meadow	13.63	88	ePn	Pn	23 26 05.2 +2.5	baz=13	S19A	Hartley Farm, M	16.88	106	U P	Pn	23 26 45.5 0.0
MOOW	Moose Ponds	13.65	86	ePn	Pn	23 26 05.6 +2.7	baz=13	HYT	Haines Junctio	17.02	347	ePn	Pn	23 26 50.0 +2.7
RRX	Edison Barstow	13.68	130	U P	Pn	23 26 03.5 +0.1	baz=13	Y15A	Casa Rosa Ranc	17.05	122	U P	Pn	23 26 48.5 +0.8
SNOW	Snow King Moun	13.70	88	ePn	Pn	23 26 06.7 +3.2	baz=13	I13A	Mohawk Valley,	17.05	128	U P	Pn	23 26 48.2 +0.4
SNCC	San Nicolas Is	13.72	141	U P	Pn	23 26 04.3 +0.4	baz=13	Z14A	Wintersburg	17.09	125	U P	Pn	23 26 48.6 +0.3
T12A	Moapa	13.76	119	U P	Pn	23 26 04.8 +0.4	baz=13	X16A	Lo Mita Camp, P	17.29	119	U P	Pn	23 26 51.6 +0.9
CTU	Camp Tracy	13.76	100	ePn	Pn	23 26 05.2 +0.8	baz=13	W17A	Winslow	17.33	116	U P	Pn	23 26 51.8 +0.6
LOHW	Long Hollow	13.78	87	ePn	Pn	23 26 06.5 +1.9	baz=13	V18A	Ganado	17.45	113	U P	Pn	23 26 53.5 +0.8
LKWY	Lake	13.79	83	ePn	Pn	23 26 07.7 +3.0	baz=13	MVCO	Mesa Verde	17.59	107	ePn	Pn	23 26 54.5 0.0
S13A	Holt Ranch, En	13.80	114	U P	Pn	23 26 06.4 +1.5	baz=13	MVCO	Mesa Verde	17.59	107	U P	Pn	23 26 54.4 0.0
BFSC	Mount Baldy St	13.82	134	U P	Pn	23 26 05.0 -0.3	baz=13	Z15A	Gila River Ind	17.61	123	U P	Pn	23 26 55.1 +0.4
N15U	North Lily Min	13.83	103	ePn	Pn	23 26 05.4 +0.1	baz=13	Y16A	Circle Bar Ran	17.62	121	U P	Pn	23 26 56.0 +1.2
PLU	Leamington	13.85	105	U P	Pn	23 26 03.9 -1.8	baz=13	SMCO	Snowmass	17.73	99	ePn	Pn	23 26 55.6 -0.6
EDM	Edmonton	13.86	45	ePn	Pn	23 26 06.5 +0.9	baz=13	X17A	Forest Lakes	17.74	118	U P	Pn	23 26 57.0 +0.7
TUOQ	Turquoise Mtn.	13.89	126	U P	Pn	23 26 06.7 +0.5	baz=13	W18A	Petrified Fore	17.93	115	U P	Pn	23 26 59.2 +0.5
V11A	Goodsprings	13.90	123	U P	Pn	23 26 06.9 +0.5	baz=13	DGMT	Dagmar	18.00	68	ePn	Pn	23 26 59.6 +0.3
N16A	Rees Ranch, Co	13.91	99	U P	Pn	23 26 05.2 -1.3	baz=13	Z16A	Peralta Trail,	18.02	122	U P	Pn	23 27 00.2 +0.5
FMP	Fort Macarthur	13.92	137	U P	Pn	23 26 06.4 -0.2	baz=13	V19A	Window Rock	18.04	112	U P	Pn	23 27 00.5 +0.6
R14A	James Farms, M	13.96	110	U P	Pn	23 26 07.8 +0.7	baz=13	PHWY	Pilot Hill	18.04	92	ePn	Pn	23 26 59.5 -0.5
DLBC	Dease Lake	13.99	359	ePn	Pn	23 26 12.1 +4.7	baz=13	Y17A	Roosevelt	18.14	120	U P	Pn	23 27 02.0 +0.8
DLBC	Dease Lake	13.99	359	U P	Pn	23 26 11.2 +3.9	baz=13	X18A	Snowflake	18.16	116	U P	Pn	23 27 01.4 -0.1
JLU	Jordanella	14.01	100	ePn	Pn	23 26 08.7 +0.9	baz=13	W19A	Sanders	18.17	114	U P	Pn	23 27 01.9 +0.4
Q15A	Fillmore	14.04	107	U P	Pn	23 26 08.2 -0.1	baz=13	Z14A	Organ Pipe Nat	18.19	128	U P	Pn	23 27 02.7 +0.9
U12A	Valley of Fire	14.06	120	U P	Pn	23 26 08.4 +0.2	baz=13	RSSD	Black Hills	18.37	82	ePn	Pn	23 27 03.3 -0.6
HEC	Hector,Ludlow	14.09	129	U P	Pn	23 26 09.4 +0.5	baz=13	RSSD	Black Hills	18.37	82	eP	Pn	23 27 03.3 -0.7
T13A	Saint George	14.10	116	U P	Pn	23 26 09.8 +0.8	baz=13	I16A	Eloy	18.39	124	U P	Pn	23 27 04.7 +0.4
MPU	Maple Canyon	14.11	102	ePn	Pn	23 26 10.0 +0.8	baz=13	ISCO	Idaho Springs	18.45	96	eP	Pn	23 27 04.0 -1.0
CIS	Catalina Islan	14.11	138	U P	Pn	23 26 09.1 -0.1	baz=13	ISCO	Idaho Springs	18.45	96	eP	Pn	23 27 04.0 -1.0
O16A	Springville	14.13	101	U P	Pn	23 26 08.9 -0.4	baz=13	Y18A	Canyon Day Jun	18.59	118	U P	Pn	23 27 07.6 +0.9
S14A	Cedar City	14.15	113	U P	Pn	23 26 10.4 +0.7	baz=13	Z17A	San Carlos Hig	18.63	120	U P	Pn	23 27 07.7 +0.5
BBRC	Big Bear Sol-O	14.19	132	U P	Pn	23 26 10.8 +0.5	baz=13	X19A						

ISC 27 23:54:00.6:1.7, 4443N,007.1295W,02,h10km,n38, c1509/38,mb3.7/4, Off coast of Oregon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMOR Kings Mountain, NLO Nicolai Moun, EMHW Boistfort Moun, etc.

BJJ 28 00:02:13.8, 4460N,12970W, h10km, mb5.1, mb5.1, Ms4.8, Ms2.6

IDC 28 00:02:13.0:1.3, 4427N,12994W, h0km, mb3.7/10, mb1.3.9/13, ms1mx3.8/26, mbmp3.7/15, ML3.6/5, MS3.9/13, Ms1.3.9/13, ms1mx3.5/43, Error ellipse: s-maj=33.6km s-min=14.1km az=44.0

ISCJCB 28 00:02:15.8:0.3, 4457N,003.12957W,04,h10km, mb4.5/40, MS4.1/8, Error ellipse: s-maj=5.2km s-min=3.3km az=39.4

MOS 28 00:02:16.7:1.5, 4452N,12954W, h16km, mb5.0/11, Error ellipse: s-maj=6.0km s-min=5.8km az=30.0

NEIC 28 00:02:16.9:0.4, 4456N,12970W, h10km, mb4.6/24, Error ellipse: s-maj=5.8km s-min=5.8km az=51.0

ISC 28 00:02:17.3:0.3, 4457N,003.12968W,04,h10km,n186, c1518/181,mb4.5/40,MS4.1/8,4C-2D,Off coast of Oregon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KEBM Edson Butte, HEBO Mount Hebo, NLO Nicolai Moun, etc.

Table with columns: QLMT Earthquake Lak, SPUT South Promonto, DUG Dugway, etc. Includes stations like Earthquake Lak, South Promonto, Dugway, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BJJ 28 00:02:13.8, IDC 28 00:02:13.0, etc.

Table with columns: ZAK Zakamensk, ZAK Zakamensk, SONG Songino Array, etc. Includes stations like Zakamensk, Songino Array, Novosibirsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BJJ 28 00:02:34.2, IDC 28 00:02:34.5, etc.

Duration: 0.22s. Scale: 1015nm. M=0.17:13; M=2.70:13; M=2.53:13; M=1.68:43; M=2.08:12; M=2.37:56; Best double couple: M4.29400x10^16 Np1.3x10^0000; s=66.0000; l=11.0000; NP2: e=295.0000; s=81.0000; l=145.0000; Principal axes: T 4.9230, Plg31.0000; Azm247.0000; N - 1.2560, Plg54.0000; Azm102.0000; P - 3.6650, Plg16.0000; Azm348.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HEBO Mount Hebo, RNO Roman Nose, MFOR Mary's Peak, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GNW, HUOR, TDH, HCOOR, HOOD, YBHA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PPLA, SVW2, KTH, KOLA, COLLEGE, etc.

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

DCB 28 00:30:24.5e,0.9,44.17N:13023W,h0km,mb3.9/13,mb1.4/19,mb1mx4.1/29,mbtmp4.0/19,ML3.4/6,MS4.5/23,MS1.4/5,23,ms1mx4.3/33,Error ellipse: s-maj=27.6km s-min=11.6km az=38.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, Time, Res. Includes stations like HEBO, MIPOR, KMOR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURK Kurchatov, TLY Talaya, MYLDM Lahad Datu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RUE Ruedersdorf, BRG Berggiesshubel, GEC2 GERRSS Array S, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SMF Signal de Mont, SSF Saint Saule, AVF Avril sur Loir, etc.

ADC 28 01:00:28.7z, 2.2281N, 92.31E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/22, mbtmp3.6/5, ML3.9/1. Error ellipse: s-maj=76.1km s-min=21.7km az=66.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like IMP Imphal, CMAR Chiang Mai Arr, UCH Uchto, etc.

ISC/JB 28 01:14:05.6z, 40.15N, 002-2161E, 0.05, h15km, 6km, Error ellipse: s-maj=6.8km s-min=3.6km az=166.6

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like KZN Kozani, MNE Metsovon, MEV Florina, etc.

Table with columns: FITZ, WRAB, WRA, WSAR, WB2, NOA. Includes station names, coordinates, and times.

MOS 28 03:49:46.3: 1.7, 4939N, 15697E, h10km, mb4.3/1, Error ellipse: s-maj=59.0km s-min=12.4km az=80.1

KRSC 28 03:49:46.3: 1.6, 4939N, 15697E, h10km, mb4.2, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SKR Severo-Kuril's, ALID Alaid, etc.

WEL 28 03:55:14.6: 0.6, 4066E, 17891E, h33km, ML3.7/9, Error ellipse: s-maj=5.7km s-min=3.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PXZ Pawanui, KAHZ Kahuranaki, etc.

IDC 28 03:58:41.4: 3.7, 026S, 9956E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/19, mbtmp3.7/5, Error ellipse: s-maj=159.5km s-min=21.9km az=57.0, Southern Sumatara

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

DDA 28 04:07:44.2, 3885N, 2671E, h26km, 1km, Md3.0 CSEM 28 04:07:45.0: 0.1, 3885N, 2679E, h12km, MD3.0, Error ellipse: s-maj=1.5km s-min=1.3km az=75.0

ISCJB 28 04:07:45.0: 0.5, 3885N, 002:2672E, h0km, 1km, Md3.0, Error ellipse: s-maj=4.5km s-min=3.5km az=174.7

ATH 28 04:07:45.4, 3874N, 2641E, h21km, 5km, MD3.2/3 THE 28 04:07:45.7, 3796N, 2674E, h3km

ISK 28 04:07:45.5, 3886N, 2683E, h11km, MD3.1

ISC 28 04:07:45.6: 0.4, 3885N, 002:2673E, h0km, 12km, 3km, n31, c:095/48, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AYVA Ayvalik, URLA Izmir, etc.

Table with columns: MRMT, MNEZ, ENEF, MUF, APE, GDZ, LULD, GEMT. Lists stations and their coordinates.

CSEM 28 04:17:05.4, 3724N, 2234E, h8km, MD3.5/4, After ATH ATH 28 04:17:05.4, 3724N, 2234E, h8km, MD3.5/4, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ITM Ithomi, VLI Velial, etc.

ISCJB 28 04:19:38.0: 0.7, 561S, 01:255W, 0.3, h10km, mb4.2/6, MS3.8/2, Error ellipse: s-maj=27.4km s-min=11.8km az=151.5

IDC 28 04:19:38.3: 0.9, 5608S, 2564W, h0km, mb4.2/5, mb1 4.3/5, mb1mx4.0/16, mbtmp4.2/5, MS3.8/2, Ms1 3.8/2, ms1mx3.3/18, Error ellipse: s-maj=35.9km s-min=21.7km az=61.0

NEIC 28 04:19:42.7: 8.6, 5610S, 2561W, h32km, 61km, mb4.2/4, Error ellipse: s-maj=24.2km s-min=12.0km az=49.0

ISC 28 04:19:39.9: 0.7, 561S, 01:256W, 0.3, h10km, n17, c:095/113, mb4.2/6, MS3.8/2, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like VNA1 Neumayer-Stat, PNLCA Paso Flores, etc.

ISCJB 28 04:21:24.3: 0.2, 4831N, 001:659E, 002, h11km, 3km, Error ellipse: s-maj=2.6km s-min=2.1km az=153.8

CSEM 28 04:21:26.7: 0.0, 4834N, 666E, h12km, ML2.6/17, Error ellipse: s-maj=0.9km s-min=0.7km az=150.0

NEIC 28 04:21:26.8, 4832N, 664E, h10km, ML2.6(LDG), ML2.3(STR), After LDG.

STR 28 04:21:26.5: 0.2, 4834N, 667E, h10km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 28 04:21:26.8: 0.1, 4832N, 664E, h10km, Md2.8/4, ML2.6/17, Error ellipse: s-maj=1.3km s-min=1.0km az=156.0

BGR 28 04:21:28.6: 1.1, 4841N, 673E, h10km, ML2.0, Error ellipse: s-maj=12.2km s-min=4.4km az=36.0

ISC 28 04:21:25.7: 0.2, 4831N, 001:662E, 002, h17km, 3km, n73, c:084/157, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HAU Haudompre, ECH Echery, etc.

Table with columns: BFO Black Forest, WLF Walferdange, KAL Kalmit, RUP Ruppelstein, SPA Spachingen-Ko La Chapelle, CBF La Chapelle, etc. Lists stations and their coordinates.

ISK 28 04:24:50.8, 3885N, 2715E, h21km, MD2.6 ISCJB 28 04:24:51.9: 1.0, 3886N, 004:2715E, 007, h2km, 7km, Error ellipse: s-maj=9.7km s-min=5.1km az=27.5

CSEM 28 04:24:51.4: 0.2, 3884N, 2716E, h10km, MD2.6, Error ellipse: s-maj=4.1km s-min=1.9km az=119.0

DDA 28 04:24:52.9, 3886N, 2722E, h7km, 2km, Md2.9 ISC 28 04:24:52.4: 1.0, 3885N, 004:2715E, 007, h8km, 6km, n10, c:1500/17, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAU Haudompne, CDF Champ du Feu, etc.

ISC 28 06:41:48.2±0.5, 018N-9709E, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.4/20, mbtmp3.5/2, Error ellipse: s-maj=326.6km s-min=34.1km az=52.0, Northern Sumatara

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

SGS 28 07:21:42.7, 3058N-3534E, h6km, GII 28 07:21:46.3±0.9, 3029N-3559E, h0km, ML2.6/6, EXPLOSION

ISC 28 07:21:43.6±1.3, 3032N-004±3583E, h0km, n12, #062/19, Dead Sea region

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

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

ISCJB 28 07:52:54.2±0.2, 2528S-008±1777W, 0.1, h138km, 19km, mb4.2/19, Error ellipse: s-maj=17.1km s-min=12.0km az=31.0

NEIC 28 07:52:55.5±1.5, 2524S±17768W, h140km, 14km, mb4.8/6, Error ellipse: s-maj=12.8km s-min=8.9km az=121.0

ISC 28 07:52:57.2±3.3, 2525S±17764W, h155km, 29km, mb3.9/16, mb1 4.1/18, mb1mx4.1/21, mbtmp3.9/18, Error ellipse: s-maj=15.8km s-min=14.1km az=126.0

ISC 28 07:52:55.0±1.9, 2526S, 008±1777W, 0.1, h131km, 18km, #39, #073/31, mb4.2/19, 1D, South of Fiji Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, AFI Afiamalu, etc.

ISC 28 08:03:02.8±1.7, 011S-12601E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/17, mbtmp3.4/3, Error ellipse: s-maj=175.7km s-min=27.1km az=71.0, Southern Molucca Sea

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

ISC 28 08:08:23.2±1.2, 2975S-14142E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/17, mbtmp3.9/7, ML3.7/1, MS3.3/8, M1 3.3/8, ms1mx3.0/25, Error ellipse: s-maj=46.6km s-min=23.0km az=89.0

ISCJB 28 08:08:24.6±0.5, 30S±0.1±1413E, h20km, 36km, mb3.8/7, MS3.3/5, Error ellipse: s-maj=34.8km s-min=14.5km az=32.2

NEIC 28 08:08:28.0±0.6, 301S±14139E, h35km, mb4.1/4, Error ellipse: s-maj=22.6km s-min=9.5km az=109.0

ISC 28 08:25:5.2±3.0, 051N±1414E, h0, h16km, 33km, n18, #051/12, mb3.8/7, MS3.1/5, Near north coast of New Guinea

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

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

WEL 28 08:27:3.0±0.2, 3867S-17579E, h17km, 1km, ML3.7/14, Error ellipse: s-maj=1.2km s-min=1.2km az=90.0, North Island

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

ISCJB 28 08:39:40.4±0.8, 2124S-007.685W, 0.1, h106km, 9km, mb3.9/4, Error ellipse: s-maj=16.1km s-min=11.5km az=176.0

NEIC 28 08:39:41.7±0.8, 2134S-6851W, h100km, 9km, mb4.5/1, Error ellipse: s-maj=14.9km s-min=10.1km az=92.0

ISC 28 08:39:42.1±1.1, 2130S-6853W, h103km, 11km, mb3.6/5, mb1 3.5/6, mb1mx3.4/21, mbtmp3.5/9, Error ellipse: s-maj=25.8km s-min=16.2km az=16.0

ISC 28 08:39:41.2±0.7, 2123S-006.6857W, 0.09, h99km, 9km, n16, #151/15, mb3.9/4, Chile-Bolivia border region

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

MOS 28 08:53:09.8±0.9, 1575S-17534W, h285km, mb5.3/47, Error ellipse: s-maj=9.5km s-min=7.1km az=50.9

ISCJB 28 08:53:12.2±0.6, 1594S-004.17527W, 0.03, h312km, 5km, mb5.1/32, Error ellipse: s-maj=6.6km s-min=4.2km az=145.3

NEIC 28 08:53:13.5±0.7, 1590S-17529W, h319km, 6km, mb5.2/92, MW5.3, Error ellipse: s-maj=6.7km s-min=3.4km az=145.0

Moment Tensor Solution. Sqr Moment tensor: Scale 1017 Nm; Mr=1.26; Ms=1.00; Mw=0.26; M=0.00; M=0.35; Ms=0.41; Best double couple: M1:3.0000x1017 NP1: #50.00000°, #43.00000°, #69.00000°. NP2: #54.00000°, #50.00000°, #108.00000°. Principal axes: T: 1.5000, Plg4.0000°, Azm157.0000°, N: 0.2100, Plg14.0000°, Azm66.0000°, P: -1.3600, Plg75.0000°, Azm262.0000°, GCMT 28 08:53:13.5±0.2, 1585S-17519W, h335km, 1km, MW5.4/82, Moment Tensor Solution. Sqr Moment tensor: Scale 1w2 Duration: 1w2

Moment tensor: Scale 1017Nm; Mr=1.34±0.4; Ms=1.21±0.06; Mw=0.12±0.07; M=0.02±0.06; M=0.69±0.06; Ms=0.68±0.06; Best double couple: M1:60500x1017 NP1: #265.00000°, #43.00000°, #56.00000°. NP2: #42.00000°, #55.00000°, #118.00000°. Principal axes: T: 1.5850, Plg7.0000°, Azm152.0000°, N: 0.0350, Plg23.0000°, Azm59.0000°, P: -1.6250, Plg66.0000°, Azm257.0000°; nstai refers to body waves, cutoff=40s.

ISC 28 08:53:13.5±0.6, 1589S-17526W, h411km, 5km, mb4.8/28, mb1 4.9/29, mb1mx4.8/30, mbtmp4.8/29 Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MK31 Makanchi Arr, MKAR Makanchi Arr, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WLF, GEC2, GEC3, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PLDF, PKAG, PKAK, etc.

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

NEIC 28 08:55:37.4, 28765x7134W, h35km, ML3.9(GUC), After GUC

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

NIED 28 08:55:00, 3400N-137.60E, h340km, Mw5.1 Best double couple

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TK02, TK02, TK02, etc.

JAA	Atsumi	0.67	339	P	Pn	08 56 31.2 +0.2	
JAA	JAA				S	08 57 04.3 0.0	
JIE	Ise	0.71	303	↑	S	08 56 31.3 +0.1	
JIE					Pn	08 57 04.2 0.3	
HMMJ	Hamamatsu 2	0.88	16	↑	S	08 56 31.9 +0.2	
HMMJ					Pn	08 56 33.6 -0.6	
JSG	Sagara	0.91	43	↑	S	08 56 32.2 +0.3	
JSG					Pn	08 57 06.4 +0.6	
JKN2	Miekihoku	0.99	284	↑	S	08 56 32.0 -0.2	
JKN2					Pn	08 57 06.4 0.0	
JYWZ	Yoshizawa	1.02	31	↑	S	08 56 32.1 -0.2	
SHZ3	Shizooka 3	1.23	31	↑	S	08 57 05.1 -0.5	
SHZ3					Pn	08 57 08.0 -0.4	
JAO	Obara	1.26	353	↑	S	08 56 33.6 +0.1	
JAO					Pn	08 57 08.4 -0.3	
JIZS	Izushima	1.39	59	↑	S	08 57 09.2 -0.8	
JNY	Yasuko	1.39	15	↑	S	08 56 34.9 -0.4	
JNT					Pn	08 57 09.8 -0.2	
JWT	Kozaga	1.51	252	↑	S	08 56 34.8 -0.1	
JWT					Pn	08 57 11.5 +0.2	
JWY	Kouya	1.54	278	↑	P	08 56 35.8 +0.7	
JHE	Heguri	1.58	294	↑	P	08 56 35.7 +0.4	
JGF	Kuroka	1.59	358	↑	S	08 57 11.3 -0.8	
JGF					Pn	08 56 35.2 -1.0	
AJI	Ajiro 2	1.71	52	↑	P	08 56 36.3 -0.1	
JWM	Minabe	1.74	265	↑	P	08 56 36.2 -0.2	
JYN	Shimob	1.74	31	↑	P	08 56 36.8 +0.2	
JGM	Miyama	1.79	341	↑	S	08 57 14.4 -0.1	
JGM					Pn	08 56 36.2 -0.9	
JOD2	Odawara 2	1.85	47	↑	P	08 57 13.2 -2.1	
JOD2					Pn	08 56 38.0 +0.3	
JFM	Mihama	1.93	322	↑	S	08 56 37.6 -0.2	
JNT	Takato	1.95	17	↑	S	08 57 16.3 -0.2	
JNT					Pn	08 56 39.3 +0.3	
JWT	Wachi	2.10	308	↑	S	08 57 19.1 +0.5	
JWT					Pn	08 56 39.5 +0.1	
JAJ2	Tsuna	2.15	282	↑	S	08 56 38.0 -1.5	
JHJ	Hachioji jima 2	2.15	114	↑	S		
JHJ	363nm,0.3s,baz=59,slow=23,SNR=204				S	08 57 23.1 +3.7	
JHJ	166nm,0.3s,baz=102,slow=23,SNR=3.7				Pn	08 56 37.8 -1.9	
JHJ2	Mitsune	2.18	114	↑	P	08 56 39.4 -0.4	
JGN	Niukaw	2.21	358	↑	P	08 56 40.2 -0.6	
JRY	Ryogami san	2.34	31	↑	S	08 57 20.1 -1.9	
JRY					Pn	08 56 41.4 -0.2	
JKS	Kasai	2.35	295	↑	P	08 57 23.6 +0.1	
JKS	Kaga	2.44	339	↑	P	08 57 21.8 -2.0	
JKS					Pn	08 56 42.6 +0.6	
HABR	Nsakai	2.45	13	↑	P	08 56 40.8 -0.8	
HABR					Pn	08 56 42.8 +0.6	
JNG	Aioi	2.49	266	↑	P	08 56 42.6 +0.3	
JAI	Yasaka	2.51	311	↑	P	08 56 42.6 +0.3	
JKY	Boso 4	2.59	67	↑	P	08 56 39.2 -3.9	
BSO4	Boso 4	2.59	67	↑	P	08 56 40.8 -2.2	
MAJO	Matsushiro	2.61	14	↑	ePn	08 56 39.2 -3.9	
MAT	Matsushiro	2.61	14	↑	P	08 56 42.3 -0.8	
MAT					Pn	08 57 23.8 -2.8	
MAT	Matsushiro	2.61	14	↑	P	08 56 42.4 -0.7	
MAT					Pn	08 57 23.5 -2.6	
MJAR	Matsushiro Arr	2.61	14	↑	P	08 56 41.7 -1.4	
MJAR	275nm,0.3s,baz=184,slow=9.4,SNR=2863				S	08 57 24.4 -1.7	
MJAR	18nm,0.3s,baz=185,slow=15,SNR=26				Pn	08 56 45.3 +0.3	
MRT2	Murotomisaki 2	2.81	258	↑	P	08 56 45.7 +0.3	
JAD	Aida	2.85	290	↑	P	08 56 43.7 -2.3	
JAG	Asahikawa	2.92	34	↑	P	08 56 46.4 +0.1	
JJS	Sakaide	2.93	278	↑	P	08 56 47.2 +0.7	
JJH	Hakui	2.96	300	↑	P	08 56 43.0 -3.8	
JMN	Monobe	2.97	266	↑	P	08 57 28.2 -4.6	
BSO1	Boso 1	3.00	77	↑	P	08 56 50.1 -0.8	
BSO1					Pn	08 56 51.9 +0.8	
JSZ	Suzu	3.43	359	↑	P	08 56 54.0 +0.8	
JSG	Jouge	3.60	281	↑	P	08 56 54.0 +0.8	
JHO	Hitachi	3.65	44	↑	P	08 56 54.0 +0.8	
JET	Tanbara	3.66	268	↑	P	08 56 54.0 +0.8	
JHS	Saijyo	3.70	287	↑	P	08 56 54.0 +0.8	
JHS					Pn	08 57 46.5 +1.2	
JKJ	Kubokawa	3.71	260	↑	P	08 56 54.0 +0.8	
JHG	Hegura jima	3.85	354	↑	P	08 56 55.0 +0.2	
SAI	Saigo	4.01	304	↑	P	08 56 55.0 +0.2	
JTO	Tosashimizu	4.04	255	↑	P	08 56 57.5 +0.2	
JTO					Pn	08 57 52.8 +1.0	
JHM	Kurahashi	4.07	273	↑	P	08 56 58.4 +0.8	
JWA2	Uwa jima 2	4.09	260	↑	P	08 56 58.7 +0.9	
JNA	Nagahama	4.15	265	↑	P	08 56 59.4 +0.9	
JGT	Goisu	4.33	285	↑	P	08 57 00.9 +0.5	
JFK	Kawauchi	4.37	39	↑	P	08 56 58.1 -2.6	
JKD	Kudamatsu	4.62	272	↑	P	08 57 04.5 +1.0	
JUS	Ukudi	4.84	260	↑	P	08 57 06.9 +0.9	
JUS					Pn	08 57 08.9 +1.0	
JKI	Kunimi	4.90	267	↑	P	08 57 07.9 +1.2	
JKIT	Kitakata	5.19	256	↑	P	08 57 11.5 +1.5	
JTSN	Tsuno	5.28	252	↑	P	08 57 12.1 +1.0	
JTY	Toyota	5.29	275	↑	P	08 58 18.4 +1.4	
JTY					Pn	08 57 14.4 +0.8	
JFA	Akaike	5.53	269	↑	P	08 57 19.4 +1.2	
JTZ	Takazaki	5.73	250	↑	P	08 57 20.9 +1.2	
JFI	Itaya	5.90	266	↑	P	08 57 25.6 +1.5	
JZO	Okuchi	6.03	254	↑	P	08 57 37.3 +1.4	
JJI	Iki	6.41	270	↑	P	08 57 38.6 -4.8	
JFU	Fukue jima 2	7.39	262	↑	P		
CBJ	Chichi jima	8.01	148	↑	P		
CBJ	17nm,0.3s,baz=104,slow=22,SNR=42				S	08 59 03.1 -1.3	
KSRS	Korea Array	8.46	297	↑	P	08 57 50.2 +1.6	
KSRS	4.7nm,0.3s,baz=112,slow=12,SNR=400				S	08 59 25.6 -0.2	
KSRS	0.4nm,0.3s,baz=127,slow=7.6,SNR=2.6				ScP	09 06 43.5 -1.0	
KSRS	0.4nm,0.3s,baz=154,slow=0.8,SNR=1				ScP	08 57 50.3 +1.6	
KSRS	Korea Array	8.46	297	↑	P	08 59 25.6 -0.2	
KSRS					Pn	08 57 50.4 +1.4	
KS15	Wonju Array Si	8.49	297	↑	ePn	08 58 01.8 +1.3	
INCN	Inchon	9.44	295	↑	ePn		
INCN	551nm,1.2s				S	08 59 49.8 +2.3	
VLA	Vladivostok	10.07	336	↑	eS	08 58 09.0 +0.9	
VLA					P	08 59 01.1 -0.6	
JOW	Kunigami	10.66	230	↑	P	08 58 15.7 +0.3	
JOW	comp=Z,196nm,1.2s				S	09 00 12.7 -6.9	
JOW	comp=Z,111nm,0.3s,baz=48,slow=8.5,SNR=50				Pn	08 58 15.2 -2.4	
ASAJ	Asahikawa	10.86	20	↑	P	08 58 15.2 -2.4	
ASAJ	comp=Z,6.1nm,0.3s,baz=231,slow=13,SNR=45				S	09 00 10.4 -1.3	
ASAJ	comp=Z,4.7nm,0.3s,baz=54,slow=32,SNR=5.6				Pn	08 58 15.2 -2.4	
ASAJ	Asahikawa	10.86	20	↑	P	09 00 10.4 -1.3	
ASAJ	comp=Z,6.0nm,0.3s				S	08 58 30.5 -0.3	
ASAJ	comp=N,5.0nm,0.3s				S	09 00 35.2 -8.7	
YUK	Yuzh-Kuril'sk	11.96	31	↑	eS		
YUK	comp=Z,190nm,0.5s				Pn	08 58 30.5 -0.3	
YUK	comp=Z,2um,1.0s				P	09 00 35.2 -8.7	
YUK	comp=N,2um,1.5s				Pmax		
YUK	comp=N,4um,2.0s				Pmax		
YUK	comp=N,1um,0.7s				Smax		
YUK	comp=N,1um,0.7s				Smax		
MDJ	Mudanjiang	12.20	333	↑	P	08 58 34.0 +0.3	
MDJ	comp=Z,44nm,1.3s				S	09 00 48.3 -1.0	
MDJ	comp=Z,193nm,4.6s				AMB		
MDJ	Mudanjiang	12.20	333	↑	ePn	08 58 34.5 +0.7	
MDJ	comp=Z,40nm,0.8s				S	09 00 50.0 +0.7	
MDJ	Shenyang	13.43	310	↑	P	08 58 48.8 +0.4	
MDJ	comp=Z,44nm,0.9s				AMB		

CN2	Changchun	13.50	320	↑	Pn	08 58 49.0 -0.2	
CN2					S	08 59 59.0	
CN2					S	09 01 11.8 -5.4	
CN2	comp=Z,80nm,0.8s				AMB		
YSS	Yuzh-Sakhalins	13.54	16	↑	ePn	08 58 49.8 +0.1	
YSS	comp=Z,200nm,6.0s				AMB		
YSS	Yuzh-Sakhalins	13.54	16	↑	ePn	08 58 48.0 -1.7	
YSS	comp=Z,85nm,0.9s				P	09 01 11.0 -7.0	
YSS	comp=Z,90nm,0.8s				Pmax		
YSS	comp=E,110nm,1.1s				Smax		
DL2	Dalian	13.62	296	↑	P	08 58 50.0 -0.8	
DL2					P	09 00 05.8	
DL2	comp=Z,210nm,0.8s				AMB	09 01 17.0 -2.8	
DL2	comp=N,140nm,5.2s				AMB		
KUR	Kuril'sk	13.78	32	↑	eS	08 58 49.0 -3.5	
KUR	comp=Z,250nm,1.0s				Pmax	09 01 19.0 -3.8	
KUR	comp=N,1um,2.0s				Smax		
KUR	comp=E,2um,2.0s				Smax		
KUR	comp=N,380nm,1.0s				Smax		
SSE	Sheshan	14.01	262	↑	P	08 58 52.3 -2.1	
SSE	comp=Z,101nm,0.8s				P	09 00 11.0	
SSE	comp=Z,233nm,7.8s				AMB	09 01 24.5 -3.3	
SSE	comp=N,380nm,17.4s				AMB		
SSE	comp=E,352nm,15.7s				LR		
SSE	comp=Z,380nm,17.5s				LR		
HABR	Khabarovsk	14.56	354	↑	eP	08 58 59.7 -0.5	
HABR	comp=Z,35nm,0.8s				P	09 01 39.0 +0.5	
NJ2	Nanjing	15.71	268	↑	eP	08 59 13.5 +0.6	
NJ2	comp=Z,410nm,0.8s				S	09 01 58.0 -3.9	
NJ2	comp=Z,242nm,3.7s				AMB		
NJ2	comp=N,2um,11.4s				AMB		
NJ2	comp=E,1um,12.2s				LR		
NJ2	comp=Z,10um,10.8s				LR		
KLR	Kul'dur	15.78	346	↑	eP	08 59 09.0 -4.5	
KLR	comp=E,60nm,1.2s				S	09 01 56.0 -7.0	
TATO	Taipei	16.53	241	↑	eP	08 59 21.9 -0.1	
TIA	Tai'an	16.77	283	↑	P	08 59 24.0 -0.4	
YHNB	Yeheng	16.79	241	↑	ePn	08 59 24.2 -0.6	
NACB	Ninganchiao	16.94	239	↑	eP	08 59 25.7 -0.7	
BJI	Beijing	17.99	296	↑	P	08 59 36.3 -1.2	
BJI	comp=Z,231nm,1.0s				P	09 00 59.5 -7.2	
BJI	Baijiatuu	18.00	296	↑	ePn	08 59 36.3 -1.2	
BJI	comp=Z,198nm,0.8s				P	09 02 42.0 -4.8	
BJI	Baijiatuu	18.00	296	↑	eP	09 03 52.0 -3.8	
BJI	comp=Z,198nm,0.8s				P	08 59 43.3 -2.0	
QZH	Quanzhou	18.70	246	↑	P	09 02 58.0 -2.9	
WHN	Wuhan	19.81	266	↑	P	08 59 56.3 -0.6	
WHN	comp=N,677nm,8.8s				P		

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like AKASG, AKKB, KIEV, YBH, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GZR, LAO, ISP, DUG, BZS, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GRF, GRFO, GRFO, GRFO, etc.

28d 9h

Table of station data for 28d 9h, including station names, coordinates, and various parameters like elevation and frequency.

2007 JUL

Table of station data for 2007 JUL, including station names, coordinates, and various parameters.

NEIC 28 09:58:37.6, 1713N-9459W, h56km, MD4.0(MEX), After MEX.

Table of station data for NEIC 28 09:58:37.6, including station names, coordinates, and various parameters.

NEIC 28 09:00:36.8, 1670N-9491W, h114km, MD3.9(MEX), After MEX.

Table of station data for NEIC 28 09:00:36.8, including station names, coordinates, and various parameters.

ISC/JB 28 09:01:32.1, 2.298N-1003.12716E, h40km, 1.1km, mb5.0/46, MS4.3/12, Error ellipse: s-maj=9.8km.

Table of station data for ISC/JB 28 09:01:32.1, including station names, coordinates, and various parameters.

ISC 28 09:01:34.9, 1.0, 2.98N-1004.12723E, h49km, 9km, n80, s082/77, mb5.0/45, MS4.3/12, 1C-1D, Northern Molucca Sea.

Table of station data for ISC 28 09:01:34.9, including station names, coordinates, and various parameters.

1002

Table of station data for 1002, including station names, coordinates, and various parameters.

ISC 28 09:14:56.1, 2.3, 1433N-9228W, h0km, mb4.3/9, mb1.4/5.1, mb1mx4.1/26, mbtmp4.3/11, ML4.3/2, MS3.4/3, Ms1.3/4.3, ms1mx2.9/34, Error ellipse: s-maj=45.0km.

Table of station data for ISC 28 09:14:56.1, including station names, coordinates, and various parameters.

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

Table of station data for 1002, including station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG La Fuente, LFU La Brisas, LFRS El Faro, HUIG Huatulo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HRY Holter Researc, EGMET Eagleton, BMO Blue Mountains, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KIWI, WTVZ, MOVZ, etc.

IDC 28 12:17:33.7.1.0.271S:14150E,h0km,mb3.9/8,mb1.4.1/9, mb1mx3.0/17,mbtmp4.0/9,ML4.0/1,MS3.2/3,Mst 3.2/3, ms1mx2.8/21, Error ellipse: s-maj=34.3km s-min=18.7km az=89.0

NEIC 28 12:17:35.1.0.5.270S:14151E,h10km,mb4.3/3, Error ellipse: s-maj=15.5km s-min=7.5km az=97.0

ISCJB 28 12:17:36.9.1.0.274S:008:1415E02,h433km,mb3.9/9, Error ellipse: s-maj=25.8km s-min=11.7km az=5.7

ISC 28 12:17:38.7.0.9.274S:008:1415E02,h35km,n18, r085/14,mb3.9/9,Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAKA, GUMO, WRAB, etc.

IDC 28 12:31:40.9.1.6.081S:10047E,h0km,mb3.9/5,mb1.3/9/5, mb1mx3.7/18,mbtmp3.9/5, Error ellipse: s-maj=80.6km s-min=19.4km az=52.0, Southern Sumatara

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

IDC 28 13:11:58.8.5.188N:12559E,h0km,mb3.6/3,mb1.3.8/3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, FITZY CROSSI, etc.

NEIC 28 13:37:30.5.2945S:7102W,h62km,mb4.4/1, MD4.0(GUC),After GUC

GUC 28 13:37:30.5.0.5.2945S:7102W,h62km,mb4.0, ML3.9,2C-6D,Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LSCH, LCO, LLL, etc.

MOS 28 13:45:18.2.1.0.1815N:10062W,h29km,mb5.3/5/5, MS4.2/10, Error ellipse: s-maj=7.9km s-min=4.4km az=84.6

BUI 28 13:45:19.3.1847N:10071W,h42km,mb5.6,Ms4.8, Ms2.5

MEX 28 13:45:23.9.1.4.1808N:10088W,h58km,21km,MD4.8

NEIC 28 13:45:24.3.1805N:10084W,h49km,mb5.1/1/9, MD4.8(MEX),After MEX

NEIC Felt at Cuernavaca, Mexico City, Uruapan and Zihuatanejo

GCMT 28 13:45:24.3.3.1815N:10073W,h54km,1km,MW5.2/71, Moment Tensor Solution: m1,c55,s63,c88; Duration: 0

SZGRF 28 13:45:25.3.1813N:10128W,h82km,mb5.1,Guerrero, Mexico

IDC 28 13:45:26.4.0.6.1829N:10066W,h85km,4km,mb4.3/21, Ms1.4.5/24,mb1mx4.4/28,mbtmp4.3/24,MS4.1/15, Ms1.4.1/15,ms1mx3.8/28, Error ellipse: s-maj=18.5km s-min=10.0km az=57.0

ISC 28 13:45:27.0.0.2.1837N:004:10060W,0.03,h83km, h83km,8km;pp-P,n463,r095/456,mb4.9/151,6C-30D, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEIG, PLIG, CAIG, etc.

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

1007

Table with columns: Name, Location, Time, Status, and other details. Includes entries like TPVW Topopah Spring, PHWY Pilot Hill, ISA Isabela, etc.

2007 JUL

Table with columns: Name, Location, Time, Status, and other details. Includes entries like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

28d 13h

Table with columns: Name, Location, Time, Status, and other details. Includes entries like EMIN Mina Concepcio, PETK Petropavlovsk, PETK Petropavlovsk, etc.

28d 14h

Table with columns: TCF, Toux Ste Croi, 85.43, 43, eP, P, 13 57 55.0 -0.4, etc. Lists various astronomical objects and their properties.

2007 JUL

Table with columns: CLL, TANN, TANNenbergst, 89.85, 36, eP, P, 13 58 16.6 +0.1, etc. Lists astronomical objects and their properties.

1008

Table with columns: CD2, GYA, GUYANG, 128.17, 329, PDIF, LR, LR, 14 01 06.3 -1.7, etc. Lists astronomical objects and their properties.

1009

Table with columns for station name, frequency, power, and other technical details. Includes stations like CFAA, FCH, LMEP, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like EARI, EHUE, HUESCAR, etc.

28d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, FITZ, SONM, etc.

Table with columns: WHTZ, Whakaora, 0.16 121, PN, Pn, 14.43 22.3 +0.2, etc. Lists various station codes and their associated data.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like CHIANG Mai Arr, WRRAMA Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like GUC 28 14:59:51.3, LMELO Las Melosas, etc.

Table with columns: FCH, comp, E, 6.77m, 0.6s, AML, AML, 15 00 40.1. Includes entries like PCH Piroupe, CIPRES CIPRES, etc.

ISC/JCB 28 15:04:56.0, 6.2771N-007.72786E, h122km, 6km, mb3.3/3, Error ellipse: s-maj=15.6km s-min=6.0km az=41.8

JMA 28 15:04:57.1, 0.1, 2.780N-127.778E, h109km, 3km, M3.6, IDC 28 15:04:57.6, 1.2, 2.763N-127.772E, h114km, 19km, mb3.1/3, mb1 3.2/4, mb1mx3.0/22, mbtmp3.0/4, Error ellipse: s-maj=11.3km s-min=17.3km az=73.0

ISC 28 15:04:57.6, 0.6, 2.772N-007.12785E, h115km, 7km, n14, c050/24, mb3.3/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like JIH Iheya, JOW Kunigami, JOW Kunigami, etc.

ISK 28 15:09:35.7, 37.31N-28.23E, h5km, MD2.7, Error ellipse: s-maj=7.8km s-min=2.9km az=32.0

ISC/JCB 28 15:09:38.2, 1.3, 37.26N-006.2821E, h07, h15km, 12km, Error ellipse: s-maj=12.1km s-min=6.7km az=40.5

ISC 28 15:09:38.0, 1.3, 37.25N-006.2821E, h11km, 13km, n8, c091/13, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like YER Yerkesik, YER Yerkesik, etc.

ISC/JCB 28 15:16:21.2, 0.8, 54.0S-0.1, 7.9E, h10km, mb4.5/10, M3.5/6, Error ellipse: s-maj=19.6km s-min=14.8km

IDC 28 15:16:21.6, 1.0, 54.09S-7.92E, h0km, mb4.3/8, mb1 4.4/9, mb1mx4.2/18, mbtmp4.3/9, ML3.2/1, MS3.5/4, Mst 3.5/4, ms1mx3.2/18, Error ellipse: s-maj=32.4km s-min=21.4km az=63.0

NEIC 28 15:16:22.4, 0.6, 54.07S-7.97E, h10km, mb4.8/6, Error ellipse: s-maj=17.2km s-min=13.3km az=55.0

ISC 28 15:16:22.8, 0.8, 54.0S-0.1, 8.0E, h10km, n20, c097/17, mb4.5/10, MS3.6/3, Bouvet Island region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

ISC/JCB 28 15:23:17.8, 0.3, 2.660S-0.05, 114.72W, h10km, mb5.1/41, MS4.8/24, Error ellipse: s-maj=10.0km s-min=7.4km az=165.4

IDC 28 15:23:18.4, 0.4, 2.659S-114.73W, h0km, mb4.7/19, mb1 4.8/19, mb1mx4.8/22, mbtmp4.7/19, MS4.6/12, Mst 1.4/12, ms1mx4.4/25, Error ellipse: s-maj=16.5km s-min=13.4km az=104.0

MOS 28 15:23:18.8, 1.2, 2.652S-114.67W, h10km, mb5.3/16, MS5.0/8, Error ellipse: s-maj=15.3km s-min=10.7km az=77.6

NEIC 28 15:23:19.5, 0.2, 2.659S-114.77W, h10km, mb5.4/23, MS5.0/8, MW5.2, Error ellipse: s-maj=9.2km s-min=7.8km az=69.0, Moment Tensor Solution: M33 0.45; M11 0.30; M22 0.18; M12 -1.96; Best double couple: M0.00000x10^16 NP1.3x75.00000, s1.00000, -1.71.00000, NP2: 0.283.00000, s1.00000, -1.71.00000, Principal axes: T 7.9700, P15.0000, Azm360.0000; N 0.0600, P15.0000, Azm91.0000; P -8.0400, P15.0000,

Azm252.0000; GCMT 28 15:23:19.5, 0.2, 2.690S-114.55W, h12km, MW5.3/83, Moment Tensor Solution: s53.679; s83.148; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mr-0.79; 0.2; Mw0.57; 0.2; Mw0.21; 0.2; Mw-0.16; 0.05; Mw-0.67; 0.02; Mw-0.03; 0.06; Best double couple: M0.96000x10^17 NP1.3x320.00000, s43.00000, -1.71.00000, NP2: 0.115.00000, s50.00000, -1.107.00000, Principal axes: T 1.0980, P15.0000, Azm216.0000; P -8.2220, P15.0000, Azm322.0000; Nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s, BUJ 28 15:23:20.4, 2.660S-114.80W, h10km, mb5.4, Ms2.2, Ms2.0

ISC 28 15:23:19.5, 0.3, 2.663S-005.11478W, h10km, n227, c0594/83, mb5.1/41, MS4.8/24, Error ellipse: s-maj=10.0km s-min=7.4km az=165.4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like RKT Rikitea, RKT Rikitea, etc.

ISC/JCB 28 15:23:19.5, 0.3, 2.663S-005.11478W, h10km, n227, c0594/83, mb5.1/41, MS4.8/24, Error ellipse: s-maj=10.0km s-min=7.4km az=165.4

IDC 28 15:23:18.4, 0.4, 2.659S-114.73W, h0km, mb4.7/19, mb1 4.8/19, mb1mx4.8/22, mbtmp4.7/19, MS4.6/12, Mst 1.4/12, ms1mx4.4/25, Error ellipse: s-maj=16.5km s-min=13.4km az=104.0

MOS 28 15:23:18.8, 1.2, 2.652S-114.67W, h10km, mb5.3/16, MS5.0/8, Error ellipse: s-maj=15.3km s-min=10.7km az=77.6

NEIC 28 15:23:19.5, 0.2, 2.659S-114.77W, h10km, mb5.4/23, MS5.0/8, MW5.2, Error ellipse: s-maj=9.2km s-min=7.8km az=69.0, Moment Tensor Solution: M33 0.45; M11 0.30; M22 0.18; M12 -1.96; Best double couple: M0.00000x10^16 NP1.3x75.00000, s1.00000, -1.71.00000, NP2: 0.283.00000, s1.00000, -1.71.00000, Principal axes: T 7.9700, P15.0000, Azm360.0000; N 0.0600, P15.0000, Azm91.0000; P -8.0400, P15.0000,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like ANMO Albuquerque, BDFB Brasilia, etc.

28d 16h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Neumayer-Stat, South Pole, Lobatse, Vanda, etc.

2007 JUL

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TORQ, KBL, HNR, PLCA, etc.

1012

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WUAZ, YKA, YKA, etc.

IDC 28 15:32:57.5:6.3, 1455S-16688E, h262km, 49km, mb3.8/5, mb1 3.9/6, mb1mx3.6/18, mbtmp3.9/6, Error ellipse: s-maj=56.3km s-min=24.1km azz=112.0, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like HNR, STKA, STKA, etc.

IDC 28 15:39:04.3:0.8, 4923S-12564E, h0km, mb4.2/8, mb1 4.4/8, mb1mx4.3/14, mbtmp4.2/8, Error ellipse: s-maj=48.5km s-min=17.5km azz=101.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ASAR, WRA, VDA, etc.

NEIC 28 16:08:46.8, 1573N-9395W, h65km, MD4.4(MEX), After MEX.

MEX 28 16:08:47.2:0.7, 1572N-9396W, h60km, 22km, MD4.4, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TGIG, TGIG, CMX, etc.

Table with columns: SEK, SEK, SEK, SLR, SLR, SLR, UPI, UPI, UPI, MOPA, MOPA, MOPA, MSNA, MSNA, MSNA, SUR, SUR, SUR. Includes station names like Senek, Silverton, Upington, Mopani, Messina, Sutherland and their respective coordinates and times.

NIED 28 21:07:00, 3000N:13050E, h41km, Mw3.5 Best double couple: M2:07000x:1014 N1:089,00000x:073,00000x, 1.82,00000x: NP2:0294,00000x:019,00000x,1.14,00000x.

JMA 28 21:07:09.5-0.1, 2997N:13047E, h50km, 2km, M3.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nakanoshima, Kuchinoerabu, Tanegashima 3, etc.

ISCJB 28 21:08:52.9-0.6, 5139N:003x1617E, h0km, Error ellipse: s-maj=4.6km s-min=2.8km az=23.2

ISC 28 21:08:53.5-1.0, 5139N:1638E, h0km, mb1 3.4/4, mb1mx3.2/24, mbmp3.3/4, ML2.7/4, Error ellipse: s-maj=20.7km s-min=7.5km az=94.0

IPEC 28 21:08:54.7-0.3, 5143N:1623E, h6km, 1km, ML1.8/3, Error ellipse: s-maj=2.0km s-min=0.8km az=27.0

CSEM 28 21:08:54.8-0.2, 5142N:1619E, h1km, 1km, ML3.0/8, Error ellipse: s-maj=3.2km s-min=1.7km az=174.0

PRU 28 21:08:55.6, 5139N:1615E, h0km

WAR 28 21:08:55.1, 5145N:1618E, ML2.5, Mining Induced

VIE 28 21:08:56.3-0.4, 5127N:1617E, h0km, mb2.0/4, ML2.6/4, Error ellipse: s-maj=3.3km s-min=2.7km az=73.0

ISC 28 21:08:53.2-0.5, 5146N:002x1620E, h0km, n36, a1507/65, 3C-1D, Poland

Main table for the left column containing station data for Poland and other regions. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Ms4.2 IDC 28 21:12:12.1-0.5, 289N:9594E, h0km, mb4.6/22, M5.1 4.6/23, mb1mx4.5/28, mbtmp4.6/23, ML4.5/19, Ms1 4.0/19, ms1mx3.9/34, Error ellipse: s-maj=20.9km s-min=11.2km az=49.0

ISCJB 28 21:12:14.6-1.0, 286N:004:9588E, 0.03, h26km, 7km, mb4.8/88, MS4.1/34, Error ellipse: s-maj=6.7km s-min=4.5km az=31.0

MOS 28 21:12:15.5-0.9, 294N:9601E, h33km, mb5.0/25, Error ellipse: s-maj=10.1km s-min=5.9km az=108.8

NEIC 28 21:12:16.3-1.9, 288N:9594E, h26km, 13km, mb4.7/27, Error ellipse: s-maj=6.5km s-min=3.8km az=222.0

SZGRF 28 21:12:18.6, 244N:9503E, h33km, mb4.5, Off west coast of northern Sumatra, Indonesia

DJA 28 21:12:19.300N:9596E, h40km, ML5.0/4

ISC 28 21:12:18.0-0.6, 287N:004:9590E, h37km, 5km, h10km, 4.4km, pp-P, n199, a091/203, mb4.8/88, MS4.1/34, 18C-20D, Off west coast of northern Sumatra

Main table for the middle column containing station data for Indonesia and other regions. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Main table for the right column containing station data for various regions including China, India, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

KSRS	LR	21 42 03.8			
comp-Z,301nm,18.1s,MS4.3,baz=231,slow=40					
MK31 Makanchi Array	45.33 347	P	P	21 20 32.0 -0.3	
MKAR Makanchi Array	45.33 347	P	P	21 20 32.0 -0.4	
comp-Z,239nm,0.7s,mb5.2,baz=161,slow=8.1,SNR=340					
MKR	45.33 347	P	P	21 43 21.9	
comp-Z,86nm,20.0s,MS3.7,baz=159,slow=41					
ASAR Alice Springs	45.44 128	P	P	21 20 33.2 -0.4	
comp-Z,3.4nm,0.7s,mb4.3,baz=302,slow=7.2,SNR=66					
ASAR	45.44 128	P	P	21 22 12.3 -0.1	
comp-Z,1.6nm,0.8s,baz=291,slow=2.5,SNR=6					
SONM Songino Array	45.70 10	P	P	21 20 34.8 -0.5	
comp-Z,239nm,0.8s,mb5.2,baz=188,slow=8.3,SNR=174					
SONM	45.70 10	P	P	21 22 13.2 +0.4	
comp-Z,3.4nm,0.7s,baz=181,slow=3.5,SNR=4.9					
SONM	45.70 10	P	P	21 41 49.1	
comp-Z,339nm,20.0s,MS4.3,baz=193,slow=39					
SONM	45.70 10	P	P	21 20 34.8 -0.5	
SONM	45.70 10	P	P	21 22 06.2 -0.1	
KK31 Karatay Array	46.00 334	iP	P	21 20 37.5 -0.2	
KK31	46.00 334	iP	P	21 20 37.5 -0.2	
ZAK Zakamensk	47.76 6	eP	P	21 20 50.4 -0.9	
ZAK	47.76 6	eP	P	21 20 50.4 -0.9	
Changchun	48.24 29	iP	P	21 20 55.5 -1.3	
comp-Z,6.0nm,1.0s,mb4.6					
CN2	48.24 29	iP	P	21 21 00.0 -7.7	
CN2	48.24 29	iP	P	21 22 21.3 -1.3	
CN2	48.24 29	iP	P	21 27 55.0 -0.1	
comp-Z,30nm,0.9s,mb5.3					
CN2	48.24 29	iP	P	21 20 34.8 -0.5	
comp-Z,200nm,3.0s					
CN2	48.24 29	iP	P	21 20 34.8 -0.5	
comp-E,200nm,16.0s,MS4.3					
CN2	48.24 29	iP	P	21 20 34.8 -0.5	
comp-Z,300nm,18.0s,MS4.3					
MOY Tony	48.82 4	eP	P	21 20 59.0 -0.5	
TLY Talaya	49.08 6	eP	P	21 21 01.1 -0.4	
comp-Z,8.0nm,0.6s,mb4.8					
TLY Talaya	49.08 6	eP	P	21 21 01.6 +0.1	
TLY	49.08 6	eP	P	21 21 01.6 +0.1	
comp-Z,11nm,0.8s,mb4.9					
KURK Kurchatov	49.84 346	eP	P	21 21 07.2 -0.3	
comp-Z,18nm,1.0s,mb5.0					
KURK Kurchatov	49.84 346	eP	P	21 21 07.2 -0.3	
HIA Hialar	50.51 20	eP	P	21 21 12.1 -0.3	
comp-Z,8.8nm,0.8s,mb4.7					
HIA Hialar	50.51 20	eP	P	21 21 12.4 0.0	
MDJ Mudanjiang	51.08 31	P	P	21 21 16.3 -0.5	
MDJ	51.08 31	P	P	21 21 19.5 -8.3	
MDJ	51.08 31	P	P	21 23 12.8 -0.9	
MDJ	51.08 31	P	P	21 26 28.8 +2.8	
MDJ	51.08 31	P	P	21 28 30.0 +0.3	
MDJ	51.08 31	P	P	21 28 33.5 +1.6	
comp-Z,15nm,1.4s,mb4.7					
MDJ	51.08 31	P	P	21 21 17.1 +0.3	
comp-Z,58nm,4.7s					
MDJ	51.08 31	P	P	21 22 32.6 +0.1	
comp-N,129nm,17.9s,MS4.3					
MDJ	51.08 31	P	P	21 21 19.1 0.0	
comp-E,222nm,18.7s,MS4.3					
MDJ	51.08 31	P	P	21 22 33.8 +0.3	
comp-Z,204nm,21.4s,MS4.1					
MDJ	51.08 31	P	P	21 21 19.1 0.0	
MAT Matushiro	51.37 44	PCP	P	21 22 33.6 +0.1	
comp-Z,8.5nm,0.8s,mb4.7					
MJAR Matushiro Arr	51.37 44	PCP	P	21 21 19.1 0.0	
comp-Z,0.5nm,0.5s,mb3.7,baz=247,slow=8.7,SNR=5.0					
MJAR	51.37 44	PCP	P	21 22 33.8 +0.3	
comp-Z,2.6nm,0.8s,baz=229,slow=3.1,SNR=10.0					
MJAR	51.37 44	PCP	P	21 46 16.3	
comp-Z,136nm,18.2s,MS4.3,baz=245,slow=40					
MJAR	51.37 44	PCP	P	21 21 19.1 -0.1	
MJAR	51.37 44	PCP	P	21 22 31.8	
ZAL Zalesovo Beam	51.72 352	P	P	21 21 21.0 -0.4	
comp-Z,34nm,0.8s,mb5.3,baz=179,slow=6.1,SNR=142					
ZAL	51.72 352	P	P	21 21 21.0 -0.4	
PMG Port Moresby	52.51 104	eP	P	21 21 27.4 -0.6	
comp-Z,33nm,1.0s,mb5.2					
PMG	52.51 104	eP	P	21 21 27.4 -0.6	
PMG	52.51 104	eP	P	21 21 27.4 -0.6	
comp-Z,33nm,1.0s					
RDF Al-Radifiah	52.71 305	eP	P	21 21 30.8 +1.5	
baz=305					
RDF	52.71 305	eP	P	21 21 32.1	
comp-Z,34nm,1.0s,mb5.2,baz=305					
UMR Umm Al-Rimmam	52.80 305	eP	P	21 21 30.4 +0.6	
baz=305					
UMR	52.80 305	eP	P	21 21 31.8	
comp-Z,20nm,0.9s,mb5.0,baz=305					
KRAR Krasnoyarsk	53.04 358	eP	P	21 21 30.9 -0.3	
KRAR	53.04 358	eP	P	21 21 32.2 +0.2	
comp-Z,46nm,0.8s,mb5.5					
NAY Al-Nasaim	53.08 305	eP	P	21 21 32.2 +0.2	
baz=305					
NAY	53.08 305	eP	P	21 21 33.4	
comp-Z,10.0nm,0.8s,mb4.8,baz=305					
MIB Mutribah	53.19 306	eP	P	21 21 33.1 +0.3	
baz=306					
MIB	53.19 306	eP	P	21 21 34.9	
comp-Z,47nm,0.9s,mb5.4,baz=306					
VOSK Vostochnaya	53.82 341	P	P	21 21 35.9 -1.0	
comp-Z,13nm,1.0s,mb4.8					
BVAO Borovoye Array	54.26 341	iP	P	21 21 39.4 -0.8	
comp-Z,1.0nm,0.7s,mb3.9					
BVAR Borovoye Array	54.26 341	iP	P	21 21 39.5 -0.7	
comp-Z,12nm,0.9s,mb4.8,baz=142,slow=7.5,SNR=44					
BRVK Borovoye	54.32 341	eP	P	21 21 39.9 -0.7	
CTA Charters Tower	54.41 117	eP	P	21 21 41.5 -0.4	
comp-Z,5.7nm,0.8s,mb4.5					
CTA Charters Tower	54.41 117	eP	P	21 21 41.2 -0.6	
comp-Z,6.2nm,0.7s,mb4.6,baz=301,slow=6.8,SNR=12					
CTA Charters Tower	54.41 117	eP	P	21 45 37.4	
comp-Z,162nm,20.9s,MS4.1,baz=278,slow=37					
CTA Charters Tower	54.41 117	eP	P	21 21 41.5 -0.4	
comp-Z,6.0nm,0.8s					
CTAO Charters Tower	54.41 117	eP	P	21 21 41.4 -0.5	
comp-Z,6.5nm,0.7s,mb4.7					
CTAO Charters Tower	54.41 117	eP	P	21 21 41.4 -0.5	
comp-Z,7.0nm,0.7s,mb4.7					
KLR Kul'dur	55.38 28	eP	P	21 21 44.4 -3.9	
comp-E,20nm,1.2s					
KLR	55.38 28	eP	P	21 21 48.8 -0.3	
comp-Z,34nm,1.2s,mb5.2					
STKA Stephens Creek	55.43 132	eP	P	21 21 48.6 -0.4	
comp-Z,9.4nm,1.6s,mb4.8					
STKA Stephens Creek	55.43 132	eP	P	21 49 46.9	
comp-Z,2.6nm,0.6s,mb4.4,baz=285,slow=7.8,SNR=9.5					
STKA Stephens Creek	55.43 132	eP	P	21 21 54.0 -2.1	
HABR Khabarovsk	56.46 30	eP	P	21 22 07.9 -0.8	
comp-Z,2.4nm,0.6s,mb4.8					
HABR	56.46 30	eP	P	21 29 43.8 -0.8	
HABR	56.46 30	eP	P	21 29 55.6	
HABR	56.46 30	eP	P	21 33 32.9 +0.6	
HABR	56.46 30	eP	P	21 21 56.0 -1.1	
comp-Z,8.0nm,1.0s,mb4.7					
AKTK Aktyubinsk	57.16 332	P	P	21 22 00.5 -0.6	
AKTO Aktyubinsk	57.16 332	P	P	21 22 00.5 -0.6	
comp-Z,1.0nm,0.7s,mb4.9,baz=122,slow=7.9,SNR=38					
AKTO Aktyubinsk	57.16 332	P	P	21 22 00.2 -0.8	
comp-Z,2.0nm,0.7s,mb4.3					
YSS Yuzh-Sakhalin	59.73 35	eP	P	21 22 18.3 -0.7	
YSS Yuzh-Sakhalin	59.73 35	eP	P	21 22 18.3 -0.7	
comp-Z,7.0nm,0.6s,mb4.9					
SVE Sverdlouovsk	60.67 339	eP	P	21 22 24.9 -0.4	
comp-Z,14nm,0.9s,mb5.1					
ARU Arti	61.15 337	iP	P	21 22 27.4 -1.1	
ARU	61.15 337	iP	P	21 23 06.2	
Lajlaj	61.15 337	iP	P	21 30 45.7 +0.5	

ARU	eSS	SS	21 34 43.4 -2.3
ARU	eSS	SS	21 34 43.4 -2.3
comp-Z,9.0nm,1.0s,mb4.8			
Kislovodsk	62.20 319	eP	21 22 36.1 +0.2
KIV	62.20 319	eP	21 23 15.4
comp-Z,9.0nm,1.2s,mb4.8			
MALT Malaya	63.05 312	iP	21 22 35.3 -6.4
YAK Yakutsk	64.20 17	eP	21 22 47.9 -0.9
comp-Z,35nm,0.8s,mb5.0			
YAK Yakutsk	64.20 17	eP	21 22 46.8 -2.0
comp-Z,46nm,1.1s,mb5.4			
YAK	64.20 17	eP	21 22 46.8 -2.0
comp-N,8.0nm,1.1s			
YAK	64.20 17	eP	21 22 46.8 -2.0
comp-E,6.0nm,1.0s			

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OHTO, LZH Lanzhou, PLCA Paso Flores, SNAA Sanae, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BCCLA Clavier, GRA1 Grafenberg Arr, GRF Grafenberg Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADVT Abdulvahap, ABKAS Kas, ERMK Ermenek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHAL Karahalli, SMG Samos, TKPT Teketepe, etc.

ISCJB 29 01:21:58.7±0.6, 1056N.003:6283W±0.02, h8km, mb5.0/41, Error ellipse: s-maj=5.6km s-min=3.8km az=164.5

FUNV 29 01:21:59.0, 1105N.6256W, h13km, MW2.5, Error ellipse: s-maj=1.8km s-min=1.2km az=31.0

NEIC 29 01:22:03.6, 1105N.6256W, h13km, MD3.3, Error ellipse: s-maj=1.8km s-min=1.2km az=31.0

NEIC 29 01:22:03.6, 1105N.6256W, h13km, MD3.3, Error ellipse: s-maj=1.8km s-min=1.2km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUNV Guanaco, CRUV Carupano, GUIR Guiria, etc.

IDC 29 02:33:33.0±3.5, 3250S.17859W, h0km, mb4.0/3, mb1 4.1/4, mb1mx3.8/18, mbtmp4.0/4, ML3.5/1, MS3.2/1, MS1 3.2/1, ms1mx2.4/28, mbtmp4.0/4, Error ellipse: s-maj=75.6km s-min=41.8km az=55.0, South of Kermadec Islands

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

IDC 29 02:33:46.2±5.8, 3060S.17723W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/17, mbtmp4.1/3, Error ellipse: s-maj=207.7km s-min=42.1km az=31.0, Kermadec Islands

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

IDC 29 02:33:59.3±6.0, 3123S.17715W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/17, mbtmp4.3/3, Error ellipse: s-maj=214.1km s-min=44.2km az=31.0, Kermadec Islands region

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

CASC 29 02:38:03.6±2.7, 1169N.8714W, h107km, mb4.1, mb4.1/NEIC

ISCJB 29 02:38:04.7±0.9, 1160N.007:8722W±0.09, h59km, 10km, mb4.0/22, Error ellipse: s-maj=17.3km s-min=8.9km az=146.3

IDC 29 02:38:09.7, 1200N.8720W, h66km, Ms4.8, Msz4.4, BUJ 29 02:38:10.3±5.5, 1210N.8718W, h59km, 31km, mb3.7/7, mb1 4.0/10, mb1mx3.7/24, mbtmp3.8/10, ML3.0/3, MS2.9/1, MS1 2.9/1, ms1mx2.3/33, Error ellipse: s-maj=36.9km s-min=23.0km az=31.0

NEIC 29 02:38:10.7±1.2, 1202N.8721W, h66km, 10km, mb4.1/16, Error ellipse: s-maj=15.9km s-min=8.1km az=218.0

ISC 29 02:38:06.2±0.8, 1166N.007:8715W±0.09, h49km, 10km, mb1.0/85/46, mb0.2/22, 2C-1D, Near coast of Nicaragua

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MADN Villa Maderas, CNCH Conchagua, BLLM Bellamira, etc.

SDV Santo Domingo, 16.49 98 P, 0.2nm, 0.3s, bsz=293, slow=5.8, SNR=7.0

HKT Hockley, 19.91 337 P, 5.6nm, 1.2s

TXAR Lajitas Array, 23.37 321 P, 1.7nm, 0.6s, mb3.6, bsz=133, slow=10, SNR=38

TXAR Lajitas Array, 23.37 321 P, 0.4nm, 0.0s, bsz=145, slow=4.6, SNR=6.6

SWET Sewanee, 23.48 3 P, 7.1nm, 0.7s, mb4.2

CPCT Cooper Cave, 23.80 5 eP, 0.8nm, 0.5s, mb3.8

TKL Tuckaleechee C, 24.09 7 P, 6.5nm, 0.7s, mb4.2, bsz=179, slow=9.4, SNR=12

WMOK Wichita Moun, 25.29 337 eP, 12nm, 1.4s, mb4.2

WCI Wydotte Cave, 26.47 2 eP, 5.1nm, 0.8s, mb4.1

CCM Cathedral Cave, 26.54 353 eP, 3.3nm, 0.8s, mb3.9

ANMO Alamo, 29.08 326 eP, 0.9nm, 0.6s, mb3.6

SDCO Great Sand Dun, 30.74 331 eP, 0.8nm, 0.6s, mb3.7

ECSO EROS, Sioux Fal, 32.99 347 P, 4.1nm, 0.5s, mb4.4

SADA Sadowa, 33.70 10 P, 0.4nm, 0.2s, bsz=109, slow=10, SNR=37

BW06 Boulder Array, 36.60 332 eP, 0.9nm, 0.5s, mb3.8

PDAR Piedra Array, 36.60 332 P, 0.9nm, 0.6s, mb3.8, bsz=126, slow=9.8, SNR=7.5

REDW Red Top Meadow, 37.66 331 eP, 7.0nm, 0.6s, mb4.6

SNOW Snow King Moun, 37.70 332 eP, 6.0nm, 0.6s, mb4.5

TPAW Teton Pass, 37.81 331 P, 3.4nm, 0.6s, mb4.2

RRIZ Red Ridge, 37.88 331 eP, 2.5nm, 0.6s, mb4.1

MOOW Moose Ponds, 37.91 332 eP, 1.9nm, 0.9s, mb3.8

NVAR Mina Array Bea, 38.49 319 P, 0.2nm, 0.5s, mb3.1, bsz=148, slow=8.7, SNR=4.4

NVAR Mina Array Bea, 38.49 319 P, 1.5nm, 0.4s, mb4.1, bsz=149, slow=9.7, SNR=5.8

HLID Halley, 39.56 328 eP, 7.7nm, 0.6s, mb3.6

BOZ Bozeman W, 39.78 333 eP, 1.1nm, 0.6s, mb3.8

SCHO Schefferville, 45.95 16 P, 1.1nm, 0.6s, mb3.8

SCHO Schefferville, 45.95 16 P, 1.1nm, 0.6s, mb3.8

YKA Yellowknife Ar, 54.45 345 P, 1.1nm, 0.7s, mb3.9, bsz=139, slow=7.5, SNR=15

CN2 Changchun, 117.33 334 ePKP, 0.8nm, 0.4s, mb3.6

URUJ Urumqi, 124.58 333 ePKP, 0.8nm, 0.4s, mb3.6

HHC Huru-hao-te, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

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HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

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HHC HHC, 124.96 343 ePKP, 0.8nm, 0.4s, mb3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHUT Suhut-Afyon, SHUT Altintas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HENT Hendek, GEMT Gemlik, YLVA Yalova, etc.

MOS 29 02:43:35.4±0.9, 2012N.146.11E, h38km, mb5.0/41, MS4.2/6, Error ellipse: s-maj=10.2km s-min=5.7km az=99.1

ISCJB 29 02:43:37.0±0.2, 2011N.003:146.15E±0.03, h49km, mb4.8/19, MS4.2/37, Error ellipse: s-maj=4.0km s-min=3.7km az=12.6

IDC 29 02:43:37.5±0.7, 2009N.146.11E, h42km, 5km, mb4.3/25, Mb1 4.4/29, mb1mx4.4/32, mbtmp4.4/29, ML4.3/4, MS4.1/21, Ms1 4.1/21, ms1mx3.9/33, Error ellipse: s-maj=14.0km s-min=8.9km az=93.0

NEIC 29 02:43:38.2±1.1, 2004N.146.15E, h50km, 9km, mb4.8/61, Error ellipse: s-maj=5.0km s-min=3.9km az=104.0

GCMT 29 02:43:38.2±0.3, 2021N.146.48E, h33km, MW5.0/68, Moment Tensor Solution, s35,c52; s68,c97; Duration: 0.2; Moment tensor: 3x10^19Nm; Mr3.2±0.17; Mw0.2±0.12; Mw3.3±0.48±.11; Mw0.2±0.13; Mw1.1±0.08; Mw2.0±0.13; Best double couple: Mw4.07400±0.10^19

MW1=161.00000; S35.00000; A68.00000; NPF2: phi357.00000; 360.00000; 1.104.00000; Principal axes: T 3.8940, Plg17.00000; Azm299.00000; N 0.3590, Plg12.00000; Azm17.00000; P -4.4540, Plg14.00000; Azm77.00000; nsta1 refers to surface waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

BUJ 29 02:43:40.1, 2020S.145.93E, h60km, mb4.9, mb4.9, Ms4.4, Msz4.2

DJA 29 02:43:42, 2050N.146.40E, h100km, mb5.3/16

IDC 29 02:43:39.1±0.2, 2015N.002:146.16E±0.03, h51km, h51km, mb4.8/19, MS4.2/37, 7C-12D, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMW Miradito Z, JSG Sagara, JWZ Ozaga, etc.

KSRS Korea Array, 23.43 321 P, comp=Z, 2.0nm, 0.9s, mb4.5, bsz=145, slow=8.4, SNR=26.0

KSRS Korea Array, 23.43 321 P, comp=Z, 2.0nm, 0.9s, mb4.5, bsz=145, slow=8.4, SNR=26.0

JMP Maruseppu, 23.90 355 P, 0.2nm, 0.5s, mb3.8

ASAJ Asahikawa, 24.08 354 P, 0.2nm, 0.5s, mb3.8

SSE Sheshan, 24.95 301 P, 0.2nm, 0.5s, mb3.8

SSE Sheshan, 24.95 301 P, 0.2nm, 0.5s, mb3.8

SSE Sheshan, 24.95 301 P, 0.2nm, 0.5s, mb3.8

SSE Sheshan, 24.95 301 P, 0.2nm, 0.5s, mb3.8

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

29d 4h

2007 JUL

1028

Table with columns for station name, frequency, power, and coordinates. Includes stations like Yuzh-Sakhalins, Old Harbor, Kodiak Island, Skilak Lake, Yakutsk, Thorfare Moun, and Chul'man.

Table with columns for station name, frequency, power, and coordinates. Includes stations like Midway, Mudanjiang, Matusushiro, Deception Hill, Hachijo jima, Inuvik, Skagway, Changchun, Sitka, Bodaibo, Hailar, and Wrangell Island.

Table with columns for station name, frequency, power, and coordinates. Includes stations like Korea Array, Dease Lake, Van Inlet, Incheon, Beijing, Yellowknife Ar, Talaya, Songino Array, and Resolute Bay.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSE, SAE, SBE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NACB, Ninganchiao, XAN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BMN, Battle Mountai, BBN, etc.

29d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WLF Waiferdange, WLF Waiferdange, WLF Waiferdange, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBA Koelnbreinsper, BNGL BINGOL, RETA Reutte, etc.

1034

Table with columns for station name, frequency, power, and other technical details. Includes stations like CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, etc.

Table with columns for name, date, time, and other details. Includes entries like MMB Musomiste, FRNF Fournols, GSCL Guscioia, etc.

Table with columns for name, date, time, and other details. Includes entries like TKTP Tekketepe, AQU A'Luquia, AQU A'Luquia, etc.

Table with columns for name, date, time, and other details. Includes entries like MGV comp=E,2um,8.1s, EMAZ Mazaricos, STS comp=E,94nm,0.8s,mb5, etc.

29d 4h

Table with columns for country/region, name, time, and status. Includes entries like PMRV Marv??o, PMRV Marv??o, PMRV Kiot, etc.

2007 JUL

Table with columns for country/region, name, time, and status. Includes entries like EJIF Jimena Fronter, SFS San Fernando, EANR 'Ain N'Sour, etc.

1036

Table with columns for country/region, name, time, and status. Includes entries like LCO comp=Z,2um,20.0s.M55.8, TLL Tololo Astrono, Vanda, etc.

Table with columns: SNAAComp, PKPab, PKPab, Time, Res. Includes data for SNAAComp, VNA1, and WEL.

WEL 29 05:03:05.2, 0.4, 3685S, 1.7757E, h163km, 2km, ML3.7/6, Error ellipse: s-maj=4.0km s-min=3.7km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PUKETTI, UREWERA, MATAWAI, etc.

ISCJB 29 05:43:00.9, 0.4, 3888N, 0.02, 2776E, 0.02, h4km, 3km, mb3.2/3, Error ellipse: s-maj=2.7km s-min=2.4km az=157.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WHF, TWT, TWD, etc.

ISCJB 29 06:13:22.9, 0.2, 2414N, 0.01, 12128E, 0.01, h2km, 2km, n63, 0.092/104, 1C-8D, Taiwan

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including AKHS, AKS, IZM, etc.

Table with columns: KAMT, Kaman, Time, Res. Lists stations like KAMT, Kaman, VAY, etc.

ISCJB 29 06:13:22.9, 0.2, 2414N, 0.01, 12128E, 0.01, h2km, 2km, n63, 0.092/104, 1C-8D, Taiwan

JMA 29 06:13:22.9, 0.3, 2390N, 0.12123E, h14km, M3.1

TAP Felt I J at Nanau, II J at Nanshan, III J at Tachien, IV J at Hehuanshan.

ISC 29 06:13:23.4, 0.2, 2414N, 0.01, 12128E, 0.01, h2km, 3km, n63, 0.092/104, 1C-8D, Taiwan

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including WHF, TWT, TWD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IZM, IZMIR, BALB, etc.

ISC 29 06:20:58.2, 0.9, 3003N, 89.16E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.2km, mbmp3.8/9, ML3.8/2, Error ellipse: s-maj=33.2km s-min=19.6km az=53.0

NEIC 29 06:21:01.1, 0.5, 3006N, 89.25E, h2km, 2km, Error ellipse: s-maj=14.5km s-min=11.5km az=52.2

ISCJB 29 06:21:03.0, 0.8, 3018N, 0.07, 89.34E, 0.05, h52km, 11km, mb3.8/7, Error ellipse: s-maj=11.9km s-min=7.6km az=177.7

DMN 29 06:21:08.6, 1.5, 2989N, 88.75E, h10km, Error ellipse: s-maj=36.6km s-min=4.8km az=44.0

ISC 29 06:21:04.8, 0.8, 3020N, 0.07, 89.37E, 0.05, h46km, 11km, n24, 0.084/24, 0.3, MB3.8/7, Xizang

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

ISC 29 06:28:31.2, 3.5, 3564N, 139.99E, h34km, 25km, mb3.4/8, mb1 3.6/9, mb1mx3.5/22, mbtmp3.5/9, ML3.7/1, MS3.5/1, Ms1 3.5/1, ms1mx2.2/21, Error ellipse: s-maj=35.2km s-min=13.8km az=69.0

ISCJB 29 06:28:33.4, 0.5, 3553N, 0.05, 140.06E, 0.08, h75km, 4km, mb3.5/8, Error ellipse: s-maj=12.3km s-min=6.2km az=147.0

NEIC 29 06:28:33.1, 2.3, 3559N, 140.05E, h54km, 17km, MG3.4(JMA), Error ellipse: s-maj=31.3km s-min=16.4km az=69.0

JMA 29 06:28:33.9, 0.2, 3562N, 140.11E, h67km, 2km, M3.4 Broadband fault plane solution: P waves. NP1: 0.149, 0.0000, 0.327, 0.0000, 1.53, 0.0000, NP2: 0.10, 0.0000, 0.69, 0.0000, 1.07, 0.0000, Principal axes: P: 1.6g, 0.0000, Azm: 306.0000, N: 1.6g, 0.0000, Azm: 184.0000, P: 1.6g, 0.0000, Azm: 87.0000

JMA Felt I J1

ISC 29 06:28:34.3, 0.5, 3554N, 0.05, 140.07E, 0.08, h68km, 4km, n24, 0.074/29, mb3.5/8, 3C-5D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Villa Florida, Brasilia, Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Florina, Krusevo, Floridiv, etc.

ISCJB 29 10:23:25.5, 1.2, 4123N, 0.04, 2321E, 0.07, h1km, Error ellipse: s-maj=8.9km s-min=3.7km az=139.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kendrikon, Sokhos, Valandovo, etc.

ISCJB 29 10:45:12.6, 0.8, 2363S, 0.06, 1797W, 0.08, h492km, 11km, mb4, 0/20, Error ellipse: s-maj=17.2km s-min=8.1km

NEIC 29 10:45:12.7, 0.9, 2357S, 1797W, h483km, 12km, mb4, 2/8, Error ellipse: s-maj=13.0km s-min=9.4km az=143.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Afiamalu, etc.

ISC 29 10:45:12.8, 0.8, 2356S, 0.07, 1797W, 0.09, h480km, 11km, n39, +102/0, mb4, 0/20, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Afiamalu, Urewera, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pinedale Array, Yellowknife Arr, etc.

NEIC 29 10:48:05.9, 1907N, 6443W, h61km, MD3.7, (RSPR), After RSPR

RSPR 29 10:48:05.9, 1907N, 6443W, h61km, 5km, MD3.6/5, MD3.6/5

ISC 29 10:48:04.9, 2.0, 191N, 02.644W, 0.1, h65km, 35km, n12, e051/21, 11C, Virgin Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Anegada, Tortola, San Antonio, etc.

NIED 29 11:09:00, 3820N, 144.70E, h5km, Mw3.5 Best double couple: M2.05000x10^14 NP1.0x180.00000, 870.00000, -1.92.00000, NP2.0x7.00000, 820.00000, -1.84.00000

JMA 29 11:09:43.2, 0.2, 3821N, 144.70E, h54km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ofunato, Miyakonagawasa, Ouri, etc.

NIED 29 11:25:00, 4680N, 153.10E, h32km, Mw3.9 Best double couple: M9.02000x10^14 NP1.0x306.00000, 884.00000, 1.30.00000, NP2.0x216.00000, 860.00000, 1.73.00000

MOS 29 11:25:04.5, 1.2, 4701N, 152.87E, h52km, mb4, 2/6, Error ellipse: s-maj=18.0km s-min=10.4km az=58.6

ISCJB 29 11:25:04.7, 0.9, 4705N, 152.87E, 0.1, h50km, 8km, mb3, 9/17, Error ellipse: s-maj=19.7km s-min=5.7km

JMA 29 11:25:04.3, 0.8, 4683N, 153.10E, h30km, M4.4

NEIC 29 11:25:08.8, 1.1, 4705N, 152.80E, h71km, 10km, mb4, 2/5, Error ellipse: s-maj=15.9km s-min=8.0km az=143.0

ISC 29 11:25:08.7, 3.5, 4698N, 152.72E, h71km, 31km, mb3, 5/13, mb1 3.7/15, mb1mx3.6/23, mbtmp3.5/15, ML3.4/2, Error ellipse: s-maj=14.7km s-min=14.7km az=139.0

ISC 29 11:25:07.1, 0.8, 4704N, 152.7E, 0.1, h52km, 8km, n57, +192/61, mb3, 9/17, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Severo-Kuril's, Yuzh-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK, GKN, HYB, KKN, PKIN, PKI, GUN, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALZ, SG1, AMUR, AMUR, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like OBKA Obir, SOKA Soboth, ARSA Arzberg, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KSM Kuching, CTA Charters Tower, FORT Forrester, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CCHI Chilian, CCHI Jahuel, JACH Jach, etc.

NEIC 29 17:11:55.9:0.5,984S:9654E,h10km,mb4.5/6,Error ellipse: s-maj=15.8km s-min=9.5km az=60.0

ISCJB 29 16:46:41.2:2.5,1317N:005:12576E:007,h17km,21km,mb3.6/5,Error ellipse: s-maj=11.2km s-min=8.2km

MAN 29 16:46:41,1311N:12589E,h35km,mb4.0,ML2.7,MS2.4

ISC 29 16:46:42.4:2.1,1294N:12532E,h40km,mb3.6/5,mb1.3/8.5,mb1mx3.5/20,mbtmp3.6/5,Error ellipse: s-maj=82.1km s-min=20.8km az=58.0

ISC 29 16:46:42.8:2.8,1313N:005:12570E:007,h13km,20km,n15,e104/19,mb3.6/5,2C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CNP Catarman, PVCP Virac, PLP Palo, etc.

ISCJB 29 16:46:41.2:2.5,1317N:005:12576E:007,h17km,21km,mb3.6/5,Error ellipse: s-maj=11.2km s-min=8.2km

MAN 29 16:46:41,1311N:12589E,h35km,mb4.0,ML2.7,MS2.4

ISC 29 16:46:42.4:2.1,1294N:12532E,h40km,mb3.6/5,mb1.3/8.5,mb1mx3.5/20,mbtmp3.6/5,Error ellipse: s-maj=82.1km s-min=20.8km az=58.0

ISC 29 16:46:42.8:2.8,1313N:005:12570E:007,h13km,20km,n15,e104/19,mb3.6/5,2C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KZA Kyzart, TKM2 Tokmak 2, AML Almayashu, etc.

ISCJB 29 17:11:55.7:0.6,990S:007:965E:0.1,h33km,mb4.0/18,Error ellipse: s-maj=17.4km s-min=8.9km az=161.7

ISC 29 17:11:55.7:0.6,990S:007:965E:0.1,h33km,mb4.0/18,0:80/24,mb4.0/18, Southwest of Sumatera

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like COCO West Island, PSI Prapat, CMAR Chiang Mai Arr, etc.

BUI 29 16:50:50.4,570S:12980E,h193km,mb5.1,mb4.3

NEIC 29 16:50:54.5:1.1,569S:12985E,h194km,12km,mb4.6/16,Error ellipse: s-maj=11.3km s-min=6.2km az=428.0

ISCJB 29 16:50:55.6:0.6,576S:003:12988E:005,h228km,6km,mb4.5/29,Error ellipse: s-maj=8.7km s-min=4.4km

DJA 29 16:50:57.579S:12985E,h214km,ML5.4/4,DC 29 16:50:57.2:1.9,578S:12986E,h226km,19km,mb3.8/11,mb1.4/0.16,mb1mx4.0/21,mbtmp3.9/16,Error ellipse: s-maj=17.2km s-min=7.8km az=798.0

ISC 29 16:50:56.6:0.6,580S:004:12987E:005,h215km,6km,n79,e1502/92,mb4.5/29,10C-2D,Banda Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AAI Ambon, TLE Tual, KAKA Kakadu, etc.

NEIC 29 16:57:49.4,3472S:7131W,h82km,MD3.8(GUC),After GUC.

GUC 29 16:57:49.4,0.7,3472S:7131W,h82km,3km,MD3.8,ML3.8,13C-11D,Near coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SFD0 San Fernando, TALC Talca, LNV Longovilio, etc.

ISCJB 29 17:18:40.9:0.4,685N:006:7305W:007,h158km,6km,mb3.7/5,Error ellipse: s-maj=14.6km s-min=5.5km az=40.9

ISC 29 17:18:41.4:0.7,677N:7304W,h150km,9km,mb3.5/5,mb1.3/8.7,mb1mx3.4/21,mbtmp3.6/7,Error ellipse: s-maj=27.8km s-min=7.8km az=130.0

NEIC 29 17:18:42.0:0.7,674N:7303W,h161km,9km,mb3.8/1,Error ellipse: s-maj=24.4km s-min=10.1km az=125.0

FUNV 29 17:18:44.6,691N:7298W,h155km,MW3.8

ISC 29 17:18:41.9:0.4,681N:007:7302W:007,h153km,6km,n27,e095/34,mb3.7/5,9D,Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CAPV Capacho, ROSC El Rosal, SOCV Socops, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Jose de Ma, PCH Pirque, IHA Instituto Hidr, etc.

ISCJB 29 18:01:14.2,0.4,4371N,003,10512W,005,h0km, Error ellipse: s-maj=5.7km s-min=4.8km az=29.4

NEIC 29 18:01:15.4,1.0,4365N,105.10W,h0km,ML3.4, Error ellipse: s-maj=11.8km s-min=7.5km az=89.0, Suspected Mining explosion.

NEIC 75 km (45 miles) WSW of Newcastle. IDC 29 18:01:16.2,1.9,4356N,105.37W,h0km,mb4.3/1, mb1 3.9/5, mb1mx3.5/25, mbtmp3.7/5, ML3.4/3, MS2.6/1, Ms1 2.5/1, ms1mx2.0/15.1, Error ellipse: s-maj=47.2km s-min=7.0km az=149.0

ISC 29 18:01:16.0,0.5,4369N,004,10520W,006,h0km,n36, e1914/41, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pilot Hill, Rawlins, Red Lodge, Boulder Array, Pinedale Array, etc.

ISC 29 18:29:49.6,3889N,2774E,h9km,MD3.5,ML3.7

ATH 29 18:29:49.3,3882N,2795E,h77km,19km

NEIC 29 18:29:49.0,3890N,2773E,h7km,ML3.8(1SK), ML3.6(ATH), After ISC.

ISCJB 29 18:29:49.6,0.3,3890N,001,2775E,002,h5km,2km, Error ellipse: s-maj=2.5km s-min=2.2km az=142.6

CSEM 29 18:29:49.5,0.0,3889N,2775E,h8km,MD3.7, Error ellipse: s-maj=1.1km s-min=1.0km az=92.0

DDA 29 18:29:49.1,3888N,2775E,h5km,MD3.7

THA 29 18:29:51.5,3884N,2777E,h11km,ML4.6

SOF 29 18:29:57.6,3937N,2727E,h10km,MD3.2

ISC 29 18:29:50.5,0.3,3889N,001,2776E,002,h7km,2km,n138, e084/188,8C-3D,Turkey

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

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

ISCJB 29 18:01:18.1,1.3,2,397S,006,1359E,02,h9km,21km, mb3.8/6, Error ellipse: s-maj=26.7km s-min=9.7km az=176.7

IDC 29 18:01:18.1,1.8,1.2,387S,13594E,h0km,mb3.9/5,mb1 4.0/9, mb1mx3.8/17, mbtmp3.9/9, ML3.8/4, MS3.2/2, Ms1 3.2/2, ms1mx2.6/24, Error ellipse: s-maj=54.6km s-min=17.7km az=72.0

NEIC 29 18:01:23.8,0.9,404S,13585E,h35km,mb3.9/3, Error ellipse: s-maj=25.9km s-min=11.3km az=77.0

ISC 29 18:01:24.1,2.1,412S,007,1358E,02,h40km,20km,n15, e1915/19,mb3.8/6,Irian Jaya region

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

IDC 29 18:50:58.5,1.0,1810S,17429W,h0km,mb4.0/5, mb1 4.1/5, mb1mx3.7/20, mbtmp4.0/5, Error ellipse: s-maj=344.2km s-min=154.5km az=80.0, Tonga Islands

NEIC 29 19:00:46.5,1.6,3898S,17964W,h36km,ML3.9/6, Error ellipse: s-maj=16.6km s-min=6.6km az=90.0, East of North Island

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

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

IDC 29 18:50:58.5,1.0,1810S,17429W,h0km,mb4.0/5, mb1 4.1/5, mb1mx3.7/20, mbtmp4.0/5, Error ellipse: s-maj=344.2km s-min=154.5km az=80.0, Tonga Islands

NEIC 29 19:00:46.5,1.6,3898S,17964W,h36km,ML3.9/6, Error ellipse: s-maj=16.6km s-min=6.6km az=90.0, East of North Island

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

TEH 29 19:08:06.0,3205N,5583E,h2km,ML3.5

CSEM 29 19:09:11.1,0.1,3205N,5584E,h2km,ML3.5, Error ellipse: s-maj=2.4km s-min=1.9km az=156.0

ISCJB 29 19:09:12.5,0.5,3205N,004,5580E,004,h10km, Error ellipse: s-maj=6.1km s-min=4.5km az=162.5

THR 29 19:09:12.6,0.3,3191N,5564E,h15km,ML3.5

ISC 29 19:09:13.3,0.4,3196N,003,5584E,004,h10km,n33, e1904/40, Northern and central Iran

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISRV Sarvestan, IDAH Dahanechah, IKLH Kolahrood, etc.

NEIC 29 19:13:07.3:6.7, 573S:12831E, h159km, 68km, mb3.3/2, Error ellipse: s-maj=70.3km s-min=26.3km az=49.0

ISCJB 29 19:13:23.5:3.9, 67S:03:1278E:0.3, h364km, 50km, mb3.1/4, Error ellipse: s-maj=69.3km s-min=16.7km

ISC 29 19:13:27.1:5.3, 683S:12738E, h383km, 67km, mb2.8/3, mb1.2/76, mb1mx2.6/16, mbtmp2.6/6, Error ellipse: s-maj=87.5km s-min=20.3km az=52.0

ISC 29 19:13:26.4:4.3, 68S:03:1275E:0.4, h379km, 56km, n10, 0:56/11, mb3.1/4, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

NNC 29 19:20:01.4:4.6, 3774N:69.16E, h0km, mb3.5, mpv3.4, Error ellipse: s-maj=45.6km s-min=31.8km az=6.0

ISCJB 29 19:20:05.2:0.8, 3784N:007.692E:0.2, h33km, Error ellipse: s-maj=20.9km s-min=6.3km az=159.5

ISC 29 19:20:04.5:5.3, 3783N:008.692E:0.2, h84km, 23km, n7, 1:18/10, 3C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CEP Cherat, KK31 Karatay Array, KK31 Zalesovo Beam, etc.

ISC 29 19:22:05.7:1.0, 1964N:109.34W, h0km, mb3.6/6, mb1.4/0.10, mb1mx3.9/22, mbtmp3.7/10, ML3.4/4, MS3.5/11, Ms1.3.5/11, ms1mx3.3/28, Error ellipse: s-maj=25.5km s-min=18.6km az=93.0

NEIC 29 19:22:08.7:0.8, 1955N:109.20W, h10km, mb4.3/19, Error ellipse: s-maj=14.8km s-min=8.2km az=46.0

ISCJB 29 19:22:11.3:2.0, 1962N:009:10908W:0.10, h38km, 16km, mb4.1/14, MS3.5/7, Error ellipse: s-maj=19.6km s-min=8.2km az=136.8

BUI 29 19:22:12.6, 1964N:110.16W, h30km, mb4.7, Ms4.5, Ms2.4.2

ISC 29 19:22:14.5:1.5, 1969N:009:10904W:0.10, h50km, 12km, n80, 0:16/70, mb4.1/11, MS3.5/7, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, CAIG El Cayaco, TUC Tucson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMOK Wichita Moun, SHPR Shee Range, CCUT Cedar City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ELK Elko, SPUT South Toronto, PHWY Pine Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LRM Limekiln Ridge, CHMT Tuckaleechee C, TKML Teton Pass, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YKA Yellowstone Ar, EGAG Eagle, SLKM Skilak Lake, etc.

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

ISCJB 29 19:23:22.0:1.0, 3833N:004:2039E:0.07, h2km, 5km, Error ellipse: s-maj=10.6km s-min=5.0km az=154.5

CSEM 29 19:23:22.8:0.1, 3834N:2043E, h2km, MD3.6, Error ellipse: s-maj=3.7km s-min=1.4km az=69.0

ATH 29 19:23:22.1, 3830N:2042E, h13km, 2km, MD3.6/8, NEIC 29 19:23:22.1, 3830N:2042E, h13km, MD3.6(ATH), After ATH

THE 29 19:23:23.0, 3833N:2042E, h1km, ML3.7, ISC 29 19:23:22.0:1.1, 3833N:004:2036E:0.08, h1km, 5km, n20, 0:54/30, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VLS Valsamata, VLS Valsamata, KFL Annineta, etc.

ISCJB 29 19:26:48.4:3.3, 55S:02:1541E:0.3, h427km, 39km, mb3.9/8, Error ellipse: s-maj=49.9km s-min=22.4km az=16.1

ISC 29 19:26:48.6:2.5, 549S:154.11E, h414km, 22km, mb3.3/6, mb1.3.5/7, mb1mx3.1/18, mbtmp3.3/7, Error ellipse: s-maj=39.9km s-min=15.6km az=109.0

NEIC 29 19:26:51.5:3.0, 557S:154.10E, h453km, 32km, mb4.3/5, Error ellipse: s-maj=30.7km s-min=22.2km az=94.0

ISC 29 19:26:49.6:2.9, 555:02:1541E:0.3, h426km, 35km, n13, 0:51/13, mb3.9/8, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA 4.0nm, 0.4s, mb2.2, ASAR Alice Springs, etc.

GII 29 19:28:43.7:0.6, 3362N:3572E, h0km, ML2.1/3, ISCJB 29 19:28:44.4:0.7, 3369N:003:3572E:0.07, h6km, 7km, Error ellipse: s-maj=10.1km s-min=4.2km az=179.9

GRAL 29 19:28:44.2:0.3, 3368N:3575E, h17km, 5km, MD2.7, CSEM 29 19:28:44.2, 3368N:3575E, h16km, ML2.7, After GRAL

ISC 29 19:28:44.7:0.7, 3370N:003:3575E:0.08, h8km, 7km, n13, 0:57/12, Jordan - Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BHL Bhannes, RCH Rachaya, MTRL Matirih, etc.

ISC 29 19:30:04.6:1.4, 308N:12749E, h0km, mb3.5/6, mb1.3/7/6, mb1mx3.5/19, mbtmp3.5/6, Error ellipse: s-maj=97.7km s-min=18.3km az=72.0

NEIC 29 19:30:09.8:0.9, 299N:12746E, h35km, mb3.5/1, Error ellipse: s-maj=66.5km s-min=13.0km az=73.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, ASAR Alice Springs, etc.

NEIC 29 19:31:02.7, 3036S:7157W, h41km, MD3.8(GUC), After GUC

GUC 29 19:31:02.7:0.8, 3036S:7157W, h41km, 5km, MD3.9, ML2.8, 1C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OVCH Ovale, LSCH La Serena, TLL Tololo Astrono, etc.

ISC 29 19:40:40.6:1.5, 1954N:109.19W, h0km, mb3.4/4, mb1.3/8, mb1mx3.7/23, mbtmp3.6/8, ML3.3/3, MS3.3/7, Ms1.3.9/7, ms1mx3.1/16, Error ellipse: s-maj=33.8km s-min=18.6km az=124.0

NEIC 29 19:40:43.0:2.0, 1955N:109.28W, h10km, mb3.9/10, Error ellipse: s-maj=29.1km s-min=12.8km az=211.0

ISC 29 19:40:41.7:8.8, 195N:02:1093W:0.2, h2km, 55km, n28, 0:19/23, mb3.6/4, MS3.1/3, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, TXAR Lajitas Array, TUC Tucson, etc.

ISC 29 19:42:08.6:1.5, 1954N:109.19W, h0km, mb3.4/4, mb1.3/8, mb1mx3.7/23, mbtmp3.6/8, ML3.3/3, MS3.3/7, Ms1.3.9/7, ms1mx3.1/16, Error ellipse: s-maj=33.8km s-min=18.6km az=124.0

NEIC 29 19:40:43.0:2.0, 1955N:109.28W, h10km, mb3.9/10, Error ellipse: s-maj=29.1km s-min=12.8km az=211.0

ISC 29 19:40:41.7:8.8, 195N:02:1093W:0.2, h2km, 55km, n28, 0:19/23, mb3.6/4, MS3.1/3, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIVCO Mesa Verde, WMOK Wichita Moun, TPNV Topopah Spring, etc.

29/22h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRA, Warramunga Arr, 22.81 228 P, 21 58 02.5 +0.7

ISCJB 29 21:48:01.4+0.3, 4749N:002.757E:002, h12km, 2km, Error ellipse: s-maj=3.1km s-min=2.2km az=157.8

ZUR 29 21:48:02.9+0.3, 4751N:768E, h11km, 1km, ML1, 8/4

LEDBW 29 21:48:03.1+0.1, 4752N:0009.7670E:0009, h10km, 2km, ML1.7, Error ellipse: s-maj=2.0km s-min=2.0km az=149.0

LDG 29 21:48:03.1+0.1, 4753N:766E, h9km, Md2.5/2, M12.3/15, Error ellipse: s-maj=1.2km s-min=0.8km az=150.0

ISC 29 21:48:02.4+0.3, 4752N:002.762E:002, h16km, 2km, n46, c074/75, 1C-4D, Switzerland

Main table of station data for the 29/22h event, listing various stations like BBS, BALST, BOURN, etc.

ISC 29 21:52:57.2+3.5, 492S:15206E, h0km, mb3.6/3, mb1 3.8/3, mb1 mx3.4/17, mbmtpp3.6/3, MS3.7/2, Ms1 3.7/2, ms1 mx3.1/23, Error ellipse: s-maj=125.9km s-min=48.2km az=121.0, New Britain region

2007 JUL

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRA, Warramunga Arr, 22.81 228 P, 21 58 02.5 +0.7

ISCJB 29 21:53:30.7+1.8, 513S:008.15186E:007, h36km, 17km, mb4.3/26, MS3.8/2, Error ellipse: s-maj=15.6km

NEIC 29 21:53:35.9+1.2, 530S:15192E, h75km, 12km, mb4.5/19, Error ellipse: s-maj=10.4km s-min=7.0km az=148.0

ISC 29 21:53:38.9+3.8, 529S:15190E, h97km, 33km, mb3.8/11, mb1 4.1/12, mb1 mx3.9/17, mbmtpp3.8/12, MS3.7/4, Ms1 3.7/4, ms1 mx3.3/23, Error ellipse: s-maj=26.4km s-min=14.3km az=119.0

ISC 29 21:53:35.4+1.4, 527S:008.15188E:007, h67km, 13km, n47, c082/42, mb4.2/25, New Britain region

Main table of station data for the 2007 JUL event, listing various stations like PMG, PMR, CTB, etc.

ISC 29 22:32:36.2+2.0, 1474N:14472E, h0km, mb3.6/3, mb1 3.9/3, mb1 mx3.4/19, mbmtpp3.6/3, Error ellipse: s-maj=477.3km s-min=40.2km az=60.0, Mariana Islands

1052

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRA, Warramunga Arr, 22.81 228 P, 21 58 02.5 +0.7

KRSC 29 22:33:08.4+0.8, 5522N:16685E, h31km, 31km, ML3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRA, Warramunga Arr, 22.81 228 P, 21 58 02.5 +0.7

NIED 29 22:36:00, 4670N:15290E, h26km, Mw4.8, Best double couple, M1.5600x1016, NP1:az=245.00000, b22.00000, 7.108.00000, NP2:az=30.00000, b33.00000, 1.60.00000

BUI 29 22:36:02.4, 4659N:15281E, h35km, mb4.8, mb4.6, Ms4.1, Ms2.0

SKHL 29 22:36:03.4+1.2, 4650N:15290E, h54km, 3km, mb5.1/7, mbh5.2/2, mbv5.5/3, ms4.3/4, msh5.4/1

ISCJB 29 22:36:04.0+0.2, 4663N:003.15246E:004, h39km, mb4.5/95, MS4.0/34, Error ellipse: s-maj=5.7km s-min=2.6km az=147.6

JMA 29 22:36:04.0+0.7, 4666N:15289E, h30km, M5.1, IDC 29 22:36:05.9+0.4, 4674N:15247E, h40km, 3km, mb4.0/21, mb1 4.2/22, mb1 mx4.1/26, mbmtpp4.0/22, ML3.8/1, MS4.0/19, Ms1 4.0/19, ms1 mx3.7/38, Error ellipse: s-maj=12.8km s-min=9.7km az=141.0

MOS 29 22:36:05.4+0.9, 4664N:15236E, h52km, mb4.7/49, MS3.9/19, Error ellipse: s-maj=9.1km s-min=5.5km az=99.5

NEIC 29 22:36:06.4+0.4, 4666N:15235E, h46km, 3km, mb4.7/52, MS4.0/2, Error ellipse: s-maj=4.9km s-min=3.3km az=162.0

SZGRF 29 22:36:09.6, 4728N:15261E, h33km, mb4.8, Kuril Islands, Russia

ISC 29 22:36:06.5+0.2, 4673N:003.15241E:004, h41km, h41km, 8km, pp-P, n333, r1910/341, mb4.5/95, MS4.0/34, 1C-BD, Kuril Islands

Main table of station data for the 1052 event, listing various stations like KUR, KUR, KUR, etc.

ISC 29 22:36:06.5+0.2, 4673N:003.15241E:004, h41km, h41km, 8km, pp-P, n333, r1910/341, mb4.5/95, MS4.0/34, 1C-BD, Kuril Islands

YUK	comp=Z,1µm,1.2s	AMB	AMB	22 37 31.0	
YUK		eS	Sn	22 38 29.6 +5.8	
YUK	comp=Z,1µm,0.5s	A	A	22 38 46.0	
YUK	comp=Z,810nm,0.6s	A	A	22 38 46.0	
YUK	comp=Z,4µm,1.1s	A	A	22 38 55.0	
YUK	comp=Z,5µm,1.2s	A	A	22 38 55.0	
YUK	comp=Z,2µm,14.0s	AMS	AMS	22 39 38.0	
NEM2	Nemuro 2	5.80 237	P Pn	22 37 30.2 +0.4	
NEM2		eS	Sn	22 38 34.0 -1.0	
JRA	Rausu	5.84 244	P Pn	22 37 34.1 +3.6	
JNK	Nakash	6.28 243	P Pn	22 37 39.2 +2.7	
JNK		eS	Sn	22 38 49.6 +2.7	
JAK	Abashiri-Toko	6.59 248	P Pn	22 37 44.9 +4.1	
JAK	Akkeshi	6.63 239	P Pn	22 37 42.0 +0.7	
JTK		eS	Sn	22 38 54.1 -1.4	
YSS	Yuzh-Sakhalins	6.63 275	ePn Pn	22 37 45.8 +4.6	
YSS	Yuzh-Sakhalins	6.63 275	ePn Pn	22 37 46.8 +5.6	
YSS		eS	Sn	22 39 01.1 +5.7	
YSS	comp=N,40nm,1.0s	pmax	pmax		
YSS	comp=E,100nm,1.0s	pmax	pmax		
YSS	comp=Z,90nm,1.0s	pmax	pmax		
YSS	comp=E,80nm,0.9s	smax	smax		
YSS	comp=E,70nm,1.0s	MLR	MLR		
YSS	comp=Z,1µm,18.0s	MLR	MLR		
YSS	comp=N,400nm,17.0s	MLR	MLR		
YSS	comp=E,1µm,17.0s	MLR	MLR		
YSS	Yuzh-Sakhalins	6.63 275	eP Pn	22 37 46.8 +5.6	
YSS		AMB	AMB	22 37 49.0	
YSS	comp=E,40nm,1.0s	AMB	AMB	22 37 49.0	
YSS	comp=E,100nm,1.0s	AMB	AMB	22 37 49.0	
YSS	comp=E,90nm,1.0s	eS	Sn	22 39 01.1 +5.7	
YSS		A	A	22 39 02.4	
YSS	comp=E,80nm,0.9s	A	A	22 39 02.4	
YSS	comp=E,70nm,1.0s	AMS	AMS	22 40 06.0	
YSS	comp=E,1µm,18.0s	AMS	AMS	22 40 06.0	
YSS	comp=E,400nm,17.0s	AMS	AMS	22 40 06.0	
YSS	comp=E,1µm,17.0s	AMS	AMS	22 40 06.0	
JMP	Maruseppu	6.93 250	P Pn	22 37 49.7 +4.3	
JAR	Ashorobuto	7.02 244	P Pn	22 37 49.6 +3.0	
JAR		eS	Sn	22 39 08.5 +3.5	
JOB	Onbets	7.20 241	P Pn	22 37 50.7 +1.7	
JOB		eS	Sn	22 39 09.8 +0.4	
PETK	Petropavlovsk-	7.24 26	P Pn	22 37 51.9 +2.3	
PETK		S	Sn	22 39 24.6 +1.4	
PETK		LR	LR	22 40 43.5	
PETK	Petropavlovsk-	7.24 26	P Pn	22 37 51.9 +2.3	
PETK	comp=E,1.5nm,0.3s,baz=194,slow=10,SNR=35	S	Sn	22 39 24.6 +1.4	
PETK	baz=105,slow=20,SNR=1.6	LR	LR	22 40 43.5	
PETK	comp=E,339nm,19.2s,baz=348,slow=38	LR	LR	22 40 43.5	
UGL	Ulgorsk	7.34 292	ePn Pn	22 37 57.0 +6.0	
UGL		pmax	pmax		
UGL	comp=Z,90nm,0.8s	MLR	MLR		
UGL	comp=N,500nm,16.0s	MLR	MLR		
UGL	comp=E,1µm,16.0s	MLR	MLR		
UGL	comp=Z,950nm,16.0s	MLR	MLR		
UGL	Ulgorsk	7.34 292	eP Pn	22 37 57.0 +6.0	
UGL		AMB	AMB	22 37 58.0	
UGL	comp=Z,90nm,0.8s	eL	AMS	22 39 52.0	
UGL	comp=Z,950nm,16.0s	AMS	AMS	22 40 57.0	
UGL	comp=Z,500nm,16.0s	AMS	AMS	22 40 57.0	
UGL	comp=Z,1µm,16.0s	AMS	AMS	22 40 57.0	
ASAJ	Asahikawa	7.38 253	P Pn	22 37 57.3 +5.7	
JKK2	Kamakawa 2	7.38 251	P Pn	22 37 56.2 +4.6	
JWK2	Keihoku	7.45 263	P Pn	22 38 00.0 +7.4	
PET	Petropavlovsk	7.48 30	ePn Pn	22 37 55.6 +2.7	
PET	Petropavlovsk	7.48 30	ePn Pn	22 38 00.5 +7.6	
PET		pmax	pmax		
PET	comp=Z,53nm,0.8s	MLR	MLR		
PET	comp=Z,300nm,15.0s	MLR	MLR		
PET	comp=Z,300nm,17.0s	MLR	MLR		
JCH	Churui	7.65 241	P Pn	22 37 56.5 +1.3	
JCH		eS	Sn	22 39 19.6 -0.9	
JTV	Tymovskoe	7.66 306	eP Pn	22 38 00.5 +5.2	
JTV		AMB	AMB	22 38 02.0	
JTV	comp=Z,12nm,0.8s	AMB	AMB	22 38 02.0	
JTV	comp=Z,24nm,0.8s	AMB	AMB	22 38 04.0	
JTV	comp=Z,500nm,4.0s	AMB	AMB	22 38 04.0	
JTV	comp=Z,500nm,4.0s	AMB	AMB	22 38 04.0	
JAB	Ashibetsu	7.89 250	P Pn	22 38 03.7 +5.1	
JEM	Erino	8.13 238	P Pn	22 38 04.3 +2.5	
JNBK	Urakawa-nobuka	8.21 241	P Pn	22 38 04.0 +1.1	
JNBK		eS	Sn	22 39 34.0 -0.3	
OKH	Okha	9.14 322	eL	AMS	22 40 21.8
OKH		AMS	AMS	22 42 52.0	
OKH	comp=Z,600nm,13.0s	AMS	AMS	22 42 52.0	
OKH	comp=Z,1µm,14.0s	AMS	AMS	22 42 52.0	
OKH	comp=Z,1µm,15.0s	AMS	AMS	22 42 52.0	
JNB	Noboribetsu	9.16 246	P Pn	22 38 17.5 +1.6	
JNB		eS	Sn	22 39 57.1 -0.5	
JKB	Kayabe	9.48 243	P Pn	22 38 20.8 +0.5	
JKB		eS	Sn	22 40 01.7 -3.8	
JSH	Shimam	9.71 250	P Pn	22 38 26.2 +2.8	
JYM2	Yakumo 2	9.77 246	P Pn	22 38 25.3 +1.1	
NKL	Nikolayevsk	9.92 315	eP Pn	22 38 29.0 -0.3	
NKL		AMB	AMB	22 38 29.0	
NKL	comp=Z,500nm,2.0s	AMB	AMB	22 38 30.0	
NKL	comp=Z,70nm,1.2s	AMB	AMB	22 38 30.0	
NKL	comp=Z,210nm,1.4s	AMB	AMB	22 41 24.0	
NKL		eL	AMS	22 43 27.0	
NKL	comp=Z,1µm,15.0s	AMS	AMS	22 43 27.0	
JTM	Tenmabayashi	10.12 238	P Pn	22 38 28.0 -1.1	
JTM		eS	Sn	22 40 14.6 -6.6	
JANG	Nango	10.14 235	P Pn	22 38 27.0 -2.3	
JANG		eS	Sn	22 40 13.4 -8.2	
JTH	Nanohata	10.24 232	P Pn	22 38 28.4 -2.4	
JTH		eS	Sn	22 40 15.2 -9.0	
JOSM	Okushiri-Mats	10.35 248	P Pn	22 38 33.6 +1.3	
OFUJ	Ofunato	10.97 230	P Pn	22 38 38.6 -2.1	
OFUJ		eS	Sn	22 40 33.4 -8.5	
TEY	Ternei	11.15 267	eP Pn	22 38 50.0 +6.8	
JRG	Rokugo	11.30 234	P Pn	22 38 44.4 -0.8	
JRG		eS	Sn	22 40 43.6 -6.5	
JIO	Ouri	11.60 229	P Pn	22 38 47.2 -2.1	
JIO		eS	Sn	22 40 47.6 -10.0	
MA2	Magadan	12.91 356	ePn Pn	22 39 08.9 +1.8	
MA2	Magadan	12.91 356	ePn Pn	22 39 09.6 +2.5	
MA2		pmax	pmax		
MA2	comp=Z,17nm,0.8s	MLR	MLR		
MA2	comp=Z,100nm,17.0s	MLR	MLR		
KLR	Kul'dur	14.06 288	eP Pn	22 39 24.2 +1.4	
KLR		MLR	MLR		
KLR	comp=Z,700nm,14.0s	MLR	MLR		

MAJO	Matsushiro	14.68 231	ePn Pn	22 39 26.3 -5.1	
MAT	Matsushiro	14.68 231	P Pn	22 39 28.3 -3.0	
MAT		S	Sn	22 42 18.0 +5.3	
MJAR	Matsushiro Arr	14.68 231	P Pn	22 39 30.1 -1.3	
MJAR	comp=Z,0.4nm,0.3s,baz=30,slow=14,SNR=13	LR	LR	22 45 25.3	
MDJ	comp=Z,203nm,20.8s,baz=50,slow=38	P Pn	Pn	22 39 52.3 +2.9	
MDJ	Mudanjiang	16.08 271	P AP S	22 40 04.5 +2.2	
MDJ		LR	LR	22 42 52.5 -6.1	
MDJ		SCS	ScS	22 51 53.3 +0.2	
MDJ		AMB	AMB		
MDJ	comp=Z,18nm,1.1s	AMB	AMB		
MDJ	comp=Z,103nm,4.8s	LR	LR		
MDJ	comp=N,176nm,11.8s	LR	LR		
MDJ	comp=E,225nm,16.1s	LR	LR		
MDJ	comp=Z,354nm,14.5s	LR	LR		
MDJ	Mudanjiang	16.08 271	ePn Pn	22 39 50.0 +0.6	
SEY	Seymchan	16.24 360	eP Pn	22 39 54.1 +2.8	
ZEa	Zeya	17.50 303	eP Pn	22 40 16.0 +8.9	
ZEa		AMB	AMB	22 40 22.0	
ZEa	comp=Z,300nm,8.0s	AMB	AMB	22 40 22.0	
ZEa	comp=Z,600nm,8.0s	AMB	AMB	22 40 22.0	
CN2	Changchun	19.17 271	eP Pn	22 40 30.0 +2.5	
CN2		eAP	pP	22 40 38.0 +1.6	
CN2		eXP	sP	22 40 42.5 +0.9	
CN2		PP	S	22 40 47.0	
CN2		eS	S	22 43 59.0 -2.2	
CN2		AMB	AMB		
CN2	comp=Z,10.0nm,0.6s	AMB	AMB		
CN2	comp=Z,200nm,5.0s	LR	LR		
CN2	comp=N,200nm,15.0s	LR	LR		
CN2	comp=E,300nm,15.0s	LR	LR		
CN2	comp=Z,300nm,17.0s	LR	LR		
YAK	Yakutsk	20.08 328	ePn P	22 40 38.3 +2.2	
YAK	Yakutsk	20.08 328	eP P	22 40 38.6 +2.5	
YAK	comp=Z,33nm,0.9s	pmax	pmax		
YAK	comp=N,10.0nm,1.0s	pmax	pmax		
YAK	comp=E,11nm,1.3s	pmax	pmax		
YAK	comp=Z,244nm,16.0s,MS3.6	MLR	MLR		
YAK	comp=N,181nm,18.0s,MS3.6	MLR	MLR		
YAK	comp=N,115nm,16.0s,MS3.6	P	P	22 40 45.5 -2.4	
KSRs	Korea Array	20.33 252	P P	22 40 55.0 -1.0	
KSRs	comp=E,10.0nm,0.9s,baz=55,slow=11,SNR=25	P	P	22 41 12.3	
KSRs	comp=E,1.4nm,0.8s,baz=28,slow=1.2,SNR=4.8	P	P	22 41 05.0 +2.7	
KSRs		LR	LR	22 47 28.4	
KSRs	comp=E,208nm,20.2s,MS3.5,baz=16,slow=33	P	P	22 40 39.7 +0.7	
KSRs	Korea Array	20.33 252	P P	22 44 51.4	
KSRs		pmax	pmax		
KSRs	comp=Z,10.0nm,0.9s	pmax	pmax		
KSRs	comp=Z,1.0nm,0.8s	MLR	MLR		
KSRs	comp=Z,209nm,20.2s,MS3.5	MLR	MLR		
INCN	Inchon	21.16 253	P P	22 40 55.0 -1.0	
HIA	Hailar	21.92 289	eP P	22 41 05.0 +2.7	
HIA		eS	S	22 45 04.3 -2.4	
BILL	Bilibino	22.53 14	P P	22 41 04.3 +2.0	
BILL	Bilibino	22.53 14	eS S	22 45 04.3 -2.4	
BILL		pmax	pmax		
BILL	comp=Z,7.0nm,1.0s,mb4.0	MLR	MLR		
DL2	Dalian	23.78 262	P P	22 41 18.0 +2.9	
DL2		AMB	AMB		
BOD	Bodaibo	25.63 310	e P	22 41 30.8 -1.0	
BOD		e	pP	22 41 42.8 -0.1	
BOD		pmax	pmax		
BOD	comp=Z,4.0nm,1.1s,mb3.9	pmax	pmax		
BOD	comp=Z,7.0nm,1.4s,mb4.0	PM	PM	22 41 48.3 +4.1	
BJI	Beijing	26.99 269	P AMB	22 41 48.3 +4.1	
BJI	comp=Z,11nm,0.9s,mb4.4	LR	LR		
BJI	comp=N,156nm,18.2s,MS3.9	LR	LR		
BJI	comp=E,273nm,18.2s,MS3.9	LR	LR		
BJI	comp=Z,309nm,19.4s,MS3.9	LR	LR		
NJ2	Nanjing	29.53 252	eP P	22 42 06.5 -0.4	
NJ2		AP	pP	22 42 18.3 +0.2	
NJ2		XP	sP	22 42 23.3 +0.3	
NJ2		PP	S	22 43 03.0 -1.1	
NJ2		S	S	22 46 58.0 -0.7	
NJ2		AMB	AMB		
NJ2	comp=Z,10.0nm,1.3s,mb4.4	LR	LR		
NJ2	comp=N,120nm,13.4s,MS3.9	LR	LR		
NJ2	comp=E,170nm,15.2s,MS3.9	LR	LR		
HHC	Hu-ho-hao-te	29.81 274	eP P	22 42 09.8 +0.5	
HHC		AP	pP	22 42 22.0 +1.5	
HHC		XP	sP	22 42 26.8 +1.3	
HHC		PP	PP	22 43 08.5 -8.5	
HHC		S	S	22 47 02.5 -0.6	
HHC		XS	sS	22 47 21.8 +0.1	
HHC		SS	sS	22 48 40.3 -3.0	
HHC		SCS	ScS	22 52 42.8 -2.6	
HHC		AMB	AMB		
HHC	comp=Z,13nm,0.5s,mb4.9	AMB	AMB		
HHC	comp=Z,73nm,6.9s	LR	LR		
HHC	comp=N,168nm,15.5s,MS3.9	LR	LR		
HHC	comp=E,162nm,19.0s,MS3.9	LR	LR		
HHC	comp=Z,210nm,19.0s,MS3.8	LR	LR		
SOMM	Songino Array	30.89 289	P P	22 42 18.2 -0.6	
SOMM	comp=Z,1.6nm,1.1s,mb3.8,baz=69,slow=8.4,SNR=5.8	LR	LR	22 55 49.8	
SOMM	comp=Z,365nm,18.8s,MS4.1,baz=90,slow=38	LR	LR	22 42 18.2 -0.5	
SOMM	Songino Array	30.89 289	pmax	pmax	
SOMM	comp=Z,2.0nm,1.1s	MLR	MLR		
SOMM	comp=Z,365nm,18.8s	MLR	MLR		
TLY	Talaya	31.76 297	eP P	22 42 26.4 0.0	
TLY	Talaya	31.76 297	eP P	22 42 26.2 -0.2	
TLY		pmax	pmax		
TLY	comp=Z,3.0nm,1.1s,mb4.0	MLR	MLR		
TLY	comp=Z,395nm,16.0s,MS4.2	MLR	MLR		
ZAK	Zakamensk	32.25 295	eP P	22 42 30.6 -0.1	
ZAK		pmax	pmax		
TTA	Talina	32.76 41	eP P	22 42 35.6 +0.6	
TTA	Talina	32.76 41	eP P	22 42 35.6 +0.6	
TTA		e	pP	22 42 47.0 +0.7	
TTA		pmax	pmax		
TTA	comp=Z,13nm,1.0s,mb4.8	P	P	22 42 46.6 -0.1	
IMa2	Indian Mountai	34.11 36	P P		

29d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, LSA Lhasa, BVAR Borovoye Array, etc.

2007 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like NLU North Lily Min, SHRP Sheep Range, ARUT Antelope Range, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, VYHS Vyhne, VRAC Vranov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Greycliff, Fish Creek Ran, San Francisco, Double Diamond, Jones Ranch, Lee Vining, Gabbs, Red Lodge, Indian Meadow, Mina Array Bea, Malta, Red Ridge, Moose Ponds, Cowboy Ranch, Kaiser Creek, Millerton Lake, Teton Pass, Long Hollow, Red Top Meadow, Soda Springs, Sheep Mountain, Wendover, West, Malad City, Currie, White Mtn Res, Tonopah, Mitchell Peak, Larsen Ranch, Grayback Hills, Goldfield, McGill, Warm Springs, Tonopah Range, Stansbury Isla, Willow Creek R, Huntsville, Boulder Array, Pinedale Array, Troy Canyon, Bates Ranch, Dugway, Wheeler Ranch, Rachel, Drum Mountains, Pony Springs, Manual Prospec, Topopah Spring, Furnace Creek, Sevier Lake, Kabul, Leamington, Delamar Landin, Ash Meadows, O'Grain Ranch, Corn Creek, Edwards Air Fo, Holt Ranch, Goldstone, Antelope Range, Trail Mountain, Black Hills, Marysvale, Cedar City, Mount Baldy St, Saint George, Castle Valley, San Rafael, NORSAR Array B, NORSAR Array A, NORSAR Array B, Paikoon Wash, Nelson, Rafter H Ranch, Hanksville Ar, Granite Mounta, Red Dirt Ranch, Hogan Spring, Canyonlands Na, North Rim, Iron Mountain, Boquillas Ranc, Curley Farm, Hurst Farm, Big Chuckw Mtn.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Seligman, Kalbab Nationa, Yucca, Harvey Farm, Shonto, Snowmass, Mestizo Hat, Blythe, Tuba City, Idaho Springs, Glamis, Yava, Wupatki, Mesa Verde, Wickenburg, Humboldt, Lo Mia Camp, EROS, Sioux Fal, Forest Lakes, Great Sand Dun, Snowflake, Peralta Trail, Sonoran Desert, Roosevelt, Organ Pipe Nat, St. Johns, Canyon Day Jun, Malin Array Be, Malin Array Be, Moravsky Berou, Wichita Mounta, Kasperke Hory, GERESS Array B, GERESS Array B, Lajitas Array, Lajitas Array, Lajitas Array, Warramunga Arr, Warramunga Arr, Warramunga Arr, MIB, MIB, Al-Naalem, Al-Naalem, Al-Radith, Al-Radith, Alice Springs, Alice Springs, Sonseca Array, Torridi Ar, South Pole Pk, Villa Florida, Paso Flores, Paso Flores, Paso Flores, NEIC 30 00:14:10.2, 1718N-9540W, h121km, MD4.1 (MEX), After MEX, MEX 30 00:14:11.0, 1722N-9545W, h113km, 10km, MD4.1, Oaxaca, Matias Romero, Oaxaca, Vista Hermosa, Zuzandepetl, Huatulco, Huajuapán, Pinotepa, San Cristobal, Comitán, Comitán, Comitán, Comitán, Acapulco, El Cayaco, El Cayaco, NEIC 30 00:21:00.6, 0.3, 4058N-002-2279E, 002, h8km, 3km, Error ellipse: s-maj=2.9km s-min=2.8km az=22.4, ATH 30 00:21:00.8, 4061N-2279E, h18km, 1km, MD3.6/10, NEIC 30 00:21:01.1, 4060N-2279E, h8km, MD3.6(ATH).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Thessaloniki, Hortiatis, Griva, Sokhos, Litokhoron, Litokhoron, Polygyros, Polygyros, Polygyros, Kendrikon, Valandovo, Valandovo, Kozani, Paliouri, Ouaranopolis, Florina, Neurokopi, Klokotos Trika, Klokotos Trika, Bitola, Bitola, Stip, Stip, Stip, Stip, MMB, Neukhori, NEO, KKB, KRUS, AGG, SKO, SKO, JAN, JAN, ERY, RZN, LKR, LKR, LIA, LIA, VTS, VTS, PLO, PLO, SRN, SRN, TIR, TIR, TIR, KEK, ALN, DIM, PUK, BZS, GZR, BZS, BZS, VOIR, CUC, CUC, MLR, MLR, PLOR, VRI, VRI, PKSM, PKSM, ISCJB 30 00:26:25.0, 6.3, 3775N-004-2284E, 007, h20km, 9km, Error ellipse: s-maj=9.7km s-min=5.8km az=9.8, CSEM 30 00:26:25.7, 0.1, 3776N-2284E, h20km, MD3.0, Error ellipse: s-maj=2.9km s-min=2.0km az=102.0, ATH 30 00:26:25.1, 3778N-2282E, h29km, 4km, MD3.0/5, THE 30 00:26:25.4, 3775N-2285E, h15km, NEIC 30 00:26:25.1, 3778N-2282E, h29km, MD3.0(ATH), After ATH, ISC 30 00:26:25.4, 0.6, 3776N-003-2284E, 007, h18km, 6km, n9, 0434/14, Southern Greece, LTK, LTK, DID, DID, VLX, VLX, LKR, LKR, LKR, LKR, ITM, VLS, VLS, EVR, EVR, ISCJB 30 00:33:56.5, 0.4, 8004N-005-01W, 0.3, h10km, mb4, 0/30, MS3.6/11, Error ellipse: s-maj=8.4km s-min=5.7km az=36.0, IDC 30 00:33:57.1, 0.7, 8006N-030W, h0km, mb3, 7/14, mb1 3.9/18, mb1mx3 8/27, mbtmp3 8/18, ML3.9/2, MS3.6/15, Ms1 3.6/15, ms1mx3 3/33, Error ellipse: s-maj=16.9km s-min=14.3km az=22.0, BER 30 00:34:57.4, 8042N-105E, h10km, MD3.1, ML3.5, ML3.7(NAO), CSEM 30 00:33:58.0, 0.1, 8011N-054W, h30km, mb4, 3/6, Error ellipse: s-maj=2.8km s-min=2.1km az=25.0, NEIC 30 00:33:58.2, 0.4, 8006N-005E, h10km, mb4, 3/6, Error ellipse: s-maj=9.7km s-min=6.5km az=30.0, NAO 30 00:33:59.1, 5.5, 8013N-132E, ML3.7, SZGRF 30 00:34:51.5, 7546N-597E, h33km, mb4, 3, Greenland Sea, ISC 30 00:33:58.0, 0.4, 8008N-005-01W, 0.3, h10km, n85, 1932/94, mb4, 0/30, MS3.6/11, 1D, North of Svalbard, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Loutraki, Didima, Vlachokerasia, Lokris, Lokris, Ithomi, Velai, Riolos of Patr, Evrytania.

30d 3h

Table of astronomical observations for 30 days and 3 hours. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like Kingsbay, Spitsbergen, and various observatories.

Table of astronomical observations for 30 days and 3 hours. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like PDAR, SMCO, KSRS, TXAR, and various observatories.

Table of astronomical observations for 30 days and 3 hours. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like IDC, ISCB, NEIC, and various observatories.

Table with columns: CTA, Pg, Pg, 05 57 55.1 -2.8, 05 58 25.5 -2.6, 05 58 37.3, 05 59 28.2 +0.4, 06 01 25.1 -3.7, 06 00 02.5 +0.1, 06 02 35.1 +4.4, 06 03 56.3, 06 00 02.5 -1.0, 06 02 06.0 -6.8, 06 03 52.8, 06 01 48.0 +1.9, 06 05 48.0 +0.1, 06 08 25.1, 06 06 25.2 -0.5, 06 07 20.8 -0.8, 06 07 24.8 +0.6, 06 07 48.1 +0.3, 06 08 41.8 -0.2, 06 09 03.4 +0.5, 06 10 00.2 0.0, 06 16 37.6 -0.3

ISCJB 30 06:05:33.1 ± 1.1, 3032N, 004.3591E, 006, h0km, Error ellipse: s-maj=7.3km s-min=6.0km az=165.8 Gll 30 06:05:34.8 ± 1.0, 3033N, 357.7E, h0km, ML2.5/6, EXPLOSION

SGS 30 06:05:35.0, 3055N, 358.2E, h28km ISC 30 06:05:33.3 ± 1.2, 3032N, 004.3594E, 006, h0km, n12, 05527, Dead Sea Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, KRMI Paran Flat, EIL Elat, HOL5 Dead Sea, KZIT Kziot, JLOS, JLOS, JLOS, RSHS.

IDC 30 06:06:48.4 ± 0.6, 3555S, 10386W, h0km, mb4.5/16, mb1.4/6/16, mb1mx4.6/20, mbtmp4.4/16, MS4.6/21, Ms1.4/6/21, ms1mx4.5/22, Error ellipse: s-maj=18.2km s-min=16.8km az=84.0

ISCJB 30 06:06:48.4 ± 0.3, 3552S, 006.10386W, 008, h10km, mb4.5/38, MS4.8/18, Error ellipse: s-maj=10.6km s-min=7.1km az=139.9 MOS 30 06:06:49.1 ± 1.5, 3545S, 10371W, h10km, mb4.7/15, MS4.5/16, Error ellipse: s-maj=20.0km s-min=10.3km az=88.4

GCMT 30 06:06:50.2 ± 0.1, 3572S, 104.12W, h18km, MW5.5/99, Moment Tensor Solution, s87, c161; s99, c196; Duration: 1s4 Moment tensor; Scale 1017Nm; M0=0.21±0.3; M00=0.59±0.3; M000.79±0.03; M00.04±0.06; M00.20±0.3; M00.04±0.6; Best double couple: M2, 22500x1017 NP1, 99, 000000; 878, 000000; 1, -179, 000000; NP2, 99, 000000; 889, 000000; 1, -12, 000000; Principal axes: N 2.2400, Plg 8.0000; Azm 65.0000; N -0.4300, Plg 69.0000; Azm 205.0000; P -2.6700, Plg 13.0000; Azm 331.0000;

NEIC 30 06:06:50.2 ± 0.3, 3552S, 10385W, h10km, mb4.8/46, MS4.8/163, MW5.5 Error ellipse: s-maj=9.5km s-min=6.7km az=63.0, Moment Tensor Solution, s9 Moment tensor; Scale 1017Nm; M0=0.43; M00=1.50; M00.107; M00=0.36; M00=1.91; M00=0.78; Best double couple: M2, 50000x1017 NP1, 99, 107, 000000; 369, 000000; 1, 177, 000000; NP2, 99, 198, 000000; 887, 000000; 1, 21, 000000; Principal axes: N 2.2400, Plg 7.0000; Azm 64.0000; N 0.4300, Plg 69.0000; Azm 205.0000; P -2.6700, Plg 13.0000; Azm 331.0000;

BJI 30 06:06:51.2 ± 3550S, 10380W, h10km, mB5.2, Ms5.4, Ms5.1

ISC 30 06:06:50.2 ± 0.3, 3556S, 006.10389W, 008, h10km, n491, 0554/311, mb4.5/58, MS4.8/186, 96C-89D, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PTCN Pitcairn Island, PLCA Paso Flores, PLCA Paso Flores, RKT Rikitea, RKT, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA, USHA, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, TRQA Tornquist, NNA Nana, ARE Arequipa, EPI East Falkland, ATAH Athulpa, PAYG Puerto Ayora.

Main table with columns: LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, PMSA Palmer Station, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, TBI Tubuai, OTAV Otavara, OTAV Taravao, TIAR Tiarei, PPT Papeete, PPT Papeete, ROSC El Rosal, ROSC El Rosal, HOPE Hope Point, HOPE Hope Point, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, TGUH Tegucigalpa, BDFB Brasilia, BDFB Brasilia, SDV Santo Domingo, SDV Santo Domingo, QSPA South Pole Qui, QSPA South Pole Qui, SBA Scott Base, SBA Scott Base, VNSA Vanda, VNSA Vanda, VNSA Vanda, VNA1 VNA1, VNA1 VNA1, SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, URZ Urewera, RAO Raoul Island, SNZO South Karori, SNZO South Karori, GRGR Grenville, GRGR Grenville, XMAS Kiritimati, XMAS Kiritimati, SDDR Presa de Saban, SDDR Presa de Saban, RPZ Rata Peaks, BBGH Gun Hill, BBGH Gun Hill, SJC San Juan, SJC San Juan, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, HKT Hockley, HKT Hockley, JCT Junction City, JCT Junction City, 319A Douglas, 319A Disney, 318A Gisber, 217A Green Valley, 219A White Tail Can, 218A Dragon, NATX Nacogdoches, NATX Nacogdoches, 216A Three Points, 214A Organ Pipe Nat, TUC Tucson, TUC Tucson, TUC Tucson, 117A Oracle, 118A Homack Ranch, BRAL Brewton.

Table with columns: BRAL, 119A Ashpeak Ranch, 116A Elo, 115A Sonoran Desert, VBMS Vicksburg, BAR Barrett, BAR Barrett, GLA Glamis, GLA Glamis, Y17A Roosevelt, Y19A Nutrioso, Y16A Circle Bar Ran, Y15A Casa Rosa Ranc, LAZ Ladron, PFO Pinyon Flat Ob, X17A Forest Lakes, X18A Snowflake, X16A Lo Mia Camp, WMOK Wichita Mounta, WMOK Wichita Mounta, WMOK Albuquerque, WMOK Albuquerque, ANMO Albuquerque, ANMO Albuquerque, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, W19A Sanders, BFSC Mount Baldy St, W16A Flagstaff, W16C Mount Wilson, W15A Williams, GMRC Granite Mounta, W14A Seligman, HEC Hector, Ludlow, OXF Oxford, OXF Oxford, LDFC Landfair, WUAZ Wupatki, WUAZ Wupatki, V19A Window Rock, V18A Ganado, GOGA Godfrey, GOGA Godfrey, V14A Boquillas Ranc, V15A Kaibab Nationa, GSC Goldstone, GSC Goldstone, GSC Goldstone, GSC Goldstone, U16A Tuba City, V13A Grand Canyon W, PLAL Pickwick Lake, PLAL Pickwick Lake, NHSC New Hope, NHSC New Hope, U18A Rough Rock, Ch, LRMC Laurel Mountai, V11A Goodsprings, U15A North Rim, ISA Isabella, ISA Isabella, U13A Pakoon Wash, MPMC Manual Prospec, SWET Sewanee, SHPR Sheep Range, MVCO Mesa Verde, MVCO Mesa Verde, T18A Mexican Hat, U10A Ash Meadows, A, DAC Darwin (Calif), DAC Darwin (Calif), T15A Red Dirt Ranch, FURC Furnace Creek, T14A Hurricane, T13A Saint George.

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CWC	baz=73,SNR=5.9	Cottonwood Cre	72.83 348	↑P	P	06 18 18.6	-0.2
SDCO	baz=73	Great Sand Dun	72.95 359	eP	P	06 18 19.8	+0.3
SDCO	comp=Z,14nm,1.9s,mb4.6			LR	LR		
TPNV	comp=Z,466nm,20.0s,MS4.8	Topopah Spring	73.05 350	eP	P	06 18 20.7	+0.6
TPNV	comp=Z,3.8nm,1.0s,mb4.3			LR	LR		
TPNV	comp=Z,354nm,20.0s,MS4.6	Topopah Spring	73.05 350	eP	P	06 18 20.7	+0.6
TPNV	comp=Z,4.0nm,1.0s,mb4.3			MLR	MLR		
TPNV	comp=Z,354nm,20.0s,MS4.6	Topopah Spring	73.05 350	↑P	P	06 18 20.5	+0.4
S19A	baz=73	Harvey Farm, M	73.09 356	↑P	P	06 18 20.6	+0.2
S18A	baz=73	Hurst Farm, BI	73.10 355	↑P	P	06 18 20.7	+0.4
T11A	baz=73	Corn Creek, AI	73.19 351	↑P	P	06 18 21.0	+0.1
HELL	baz=74	Mitchell Peak	73.23 347	↑P	P	06 18 21.0	-0.2
U04C	baz=74	Hernandez Rese	73.26 346	↑P	P	06 18 21.6	+0.3
CCUT	baz=74	Cedar City	73.27 352	eP	P	06 18 22.0	+0.7
GRAC	baz=74	Grapevine Rang	73.27 349	↑P	P	06 18 21.6	+0.3
S15A	baz=74	Pangutch	73.28 353	↑P	P	06 18 21.9	+0.5
S13A	baz=74	Holt Ranch, En	73.35 352	P	P	06 18 22.4	+0.5
S12A	baz=74,SNR=7.4	Delamar Landin	73.50 351	↑P	P	06 18 23.3	+0.6
POHA	POHA	Pohakuloa	73.62 310	PFAKE	LR	06 18 40.0	+1.6
R19A	comp=Z,634nm,19.0s,MS4.9	Curley Farm, L	73.64 356	↑P	P	06 18 24.2	+0.6
S11A	baz=74	Rachel	73.66 350	↑P	P	06 18 23.7	+0.1
T06C	baz=74	Millerton Lake	73.68 347	↑P	P	06 18 23.4	-0.3
R18A	baz=74	Canyonlands Na	73.78 355	↑P	P	06 18 24.5	+0.1
SAO	SAO	San Andreas Ge	73.78 345	PFAKE	LR	06 18 40.0	+1.6
R15A	comp=Z,369nm,19.0s,MS4.7	Junction	73.81 353	↑P	P	06 18 24.6	+0.1
R17A	baz=74	Hanksville Air	73.87 354	↑P	P	06 18 24.8	-0.1
S08C	baz=74	White Mtn Res	73.89 348	↑P	P	06 18 25.2	+0.2
S09A	baz=74	Goldfield	73.95 349	↑P	P	06 18 25.3	-0.1
R13A	baz=74	O'Grain Ranch,	73.96 352	↑P	P	06 18 25.4	0.0
S10A	baz=74	Tonopah Range,	74.05 350	↑P	P	06 18 26.7	+0.7
MVU	MVU	Marysvale	74.09 353	PFAKE	LR	06 18 40.0	+1.4
MSU	comp=Z,475nm,22.0s,MS4.7	Marysvale	74.09 353	eP	P	06 18 26.9	+0.7
CBKS	CBKS	Cedar Bluff	74.10 3	PFAKE	LR	06 18 40.0	+1.4
S05C	comp=Z,220nm,20.0s,MS4.4	Merced	74.12 346	↑P	P	06 18 26.7	+0.3
CCM	comp=Z,186nm,20.0s,MS4.4	Cathedral Cave	74.17 10	eP	LR	06 18 26.3	-0.3
CCM	comp=Z,5.0nm,0.7s,mb4.5			LR	LR		
CCM	comp=Z,186nm,20.0s,MS4.4	Cathedral Cave	74.17 10	eP	P	06 18 26.3	-0.4
CCM	comp=Z,5.0nm,0.7s,mb4.5			pmax	pmax		
R12A	comp=Z,186nm,20.0s,MS4.4	Pony Springs,	74.18 351	↑P	P	06 18 27.3	+0.6
TZTN	baz=74	Tazewell	74.19 17	PFAKE	LR	06 18 40.0	+1.3
TPH	comp=Z,303nm,20.0s,MS4.6	Tonopah	74.30 349	PFAKE	LR	06 18 40.0	+1.3
Q19A	comp=Z,264nm,21.0s,MS4.5	Hogan Spring (	74.31 356	↑P	P	06 18 27.5	+0.1
R11A	baz=75	Troy Canyon, C	74.33 350	P	P	06 18 28.1	+0.6
R10A	baz=75,SNR=6.1	Warm Springs	74.37 350	↑P	P	06 18 28.0	+0.2
S16A	baz=75	Castle Valley	74.41 354	↑P	P	06 18 28.1	+0.1
QMC0	comp=Z,2.8nm,0.9s,mb4.2	Snowmass	74.42 358	eP	P	06 18 28.2	+0.1
R09A	baz=75	Tonopah	74.43 349	↑P	P	06 18 28.0	-0.2
CNCC	baz=75	Cliffs of the	74.49 22	PFAKE	LR	06 18 40.0	+1.1
Q18A	comp=Z,648nm,20.0s,MS4.9	Rafter H Ranch	74.51 355	↑P	P	06 18 28.2	-0.4
SRU	baz=75	San Rafael	74.55 355	eP	P	06 18 28.9	+0.1
SRU	baz=75	San Rafael	74.55 355	P	P	06 18 28.2	-0.6
S06C	baz=75	San Francisco	74.55 347	↑P	P	06 18 28.7	-0.2
KSU1	comp=Z,209nm,21.0s,MS4.4	Kansas State U	74.59 6	PFAKE	LR	06 18 40.0	+1.1
Q15A	comp=Z,209nm,21.0s,MS4.4	Fillmore	74.60 353	↑P	P	06 18 29.1	0.0
Q14A	baz=75	Sevier Lake (B	74.68 352	↑P	P	06 18 29.7	+0.1
Q13A	baz=75	Wheeler Ranch,	74.73 352	↑P	P	06 18 30.1	+0.2
CMB	comp=Z,12nm,1.3s,mb4.7	Columbia Colle	74.80 347	eP	P	06 18 30.4	+0.1
CMB	comp=Z,522nm,19.0s,MS4.8	Columbia Colle	74.80 347	eP	P	06 18 30.5	+0.2
CMB	comp=Z,1.2nm,1.3s,mb4.7			MLR	MLR		
CMB	comp=Z,522nm,19.0s,MS4.8	Columbia Colle	74.80 347	↑P	P	06 18 30.5	+0.2
NVAR	baz=75	Mina Array Bay	74.81 348	P	P	06 18 30.6	+0.2
NVAR	baz=75	Mina Array Bay	74.81 348	P	P	06 18 30.6	+0.2
Q11A	comp=Z,3.5nm,1.0s,mb4.3,comp=Z,180,slow=7.5,SNR=15	Duckwater	74.83 351	P	P	06 18 31.1	+0.7
Q10A	baz=75,SNR=7.0	Clear Creek Ra	74.91 350	↑P	P	06 18 31.3	+0.3
ISCO	baz=75	Idaho Springs	75.00 359	eP	P	06 18 33.4	+2.0
ISCO	comp=Z,1.1nm,1.7s,mb4.5			LR	LR		
ISCO	comp=Z,404nm,19.0s,MS4.7	Idaho Springs	75.00 359	eP	P	06 18 33.4	+2.0
ISCO	comp=Z,1.1nm,1.7s,mb4.5			pmax	pmax		
ISCO	comp=Z,404nm,19.0s,MS4.7	Casey	75.09 194	PFAKE	MLR	06 18 40.0	+8.2
CASY	baz=79	Casey	75.09 194	PFAKE	LR	06 18 40.0	+8.2
R06C	comp=Z,729nm,19.0s,MS5.0	Coleville	75.10 347	↑P	P	06 18 33.1	+1.1
P15A	baz=76	Leamington	75.15 353	↑P	P	06 18 32.4	+0.1
Q08A	baz=76	Gabbs	75.17 349	↑P	P	06 18 32.7	+0.2
WCI	baz=76	Wyandotte Cave	75.20 14	PFAKE	LR	06 18 40.0	+7.4
P14A	comp=Z,400nm,22.0s,MS4.7	Bates Ranch, G	75.22 352	P	P	06 18 33.2	+0.5
P13A	baz=76,SNR=7.4	Drum Mountains	75.25 353	↑P	P	06 18 33.0	+0.1
P12A	baz=76	McGill	75.35 351	↑P	P	06 18 33.2	-0.3
OLIL	comp=Z,32nm,0.2s	Olney	75.35 13	eP	P	06 18 33.5	0.0
R05C	comp=Z,75.39 347	Kirkwood Meado	75.39 347	↑P	P	06 18 34.1	+0.4
MCCM	comp=Z,75.41 345	Marconi Confer	75.41 345	PFAKE	LR	06 18 50.0	+1.6
MPU	comp=Z,552nm,19.0s,MS4.9	Maple Canyon	75.54 354	PFAKE	LR	06 18 50.0	+1.5
MPU	comp=Z,982nm,22.0s,MS5.1			LR	LR		
BLA	comp=Z,75.61 19	Blacksburg	75.61 19	PFAKE	LR	06 18 50.0	+1.5
DUG	comp=Z,351nm,22.0s,MS5.7	Dugway	75.82 353	eP	P	06 18 35.7	-0.4
DUG	comp=Z,390nm,22.0s,MS4.7	Dugway	75.82 353	eP	P	06 18 35.7	-0.4
DUG	comp=Z,3.0nm,1.0s,mb4.2			pmax	pmax		
DUG	comp=Z,390nm,22.0s,MS4.7	Dugway	75.82 353	↑P	P	06 18 36.4	+0.3
O15A	baz=76	The Old Anders	75.88 353	↑P	P	06 18 36.7	+0.3
DAU	baz=76	Daniels Canyon	75.90 354	eP	P	06 18 37.2	+0.6
WCN	baz=76	Washoe City	75.91 347	↑P	P	06 18 37.1	+0.4
O11A	baz=76	Cowboy Ranch,	76.09 351	↑P	P	06 18 38.0	+0.4
JLU	baz=76	Jordanelle	76.10 354	eP	P	06 18 38.4	+0.7
O12A	baz=76	Currie	76.11 351	↑P	P	06 18 37.5	-0.3
HOPS	baz=76	Hopland	76.27 345	PFAKE	LR	06 18 50.0	+1.1
O09A	comp=Z,528nm,20.0s,MS4.8	Fish Creek Ran	76.34 350	↑P	P	06 18 39.1	0.0
N17A	comp=Z,76.39 355	Motif Pass	76.39 355	↑P	P	06 18 39.6	+0.3
KIP	comp=Z,76.41 309	Kipapa	76.41 309	PFAKE	LR	06 18 50.0	+1.0
N15A	comp=Z,957nm,20.0s,MS5.1	Stansbury Isla	76.48 353	↑P	P	06 18 39.6	-0.2
ORV	baz=77	Oroville	76.49 346	↑P	P	06 18 39.9	-0.1
N14A	comp=Z,76.51 353	Grayback Hills	76.51 353	↑P	P	06 18 39.7	-0.4
BEKR	comp=Z,76.57 347	Beckworth	76.57 347	↑P	P	06 18 40.7	+0.3
O07A	comp=Z,76.60 348	Toulon	76.60 348	↑P	P	06 18 40.5	0.0
BMN	comp=Z,76.60 350	Battle Mountai	76.60 350	PFAKE	LR	06 18 50.0	+9.4
N13A	comp=Z,210nm,20.0s,MS4.5	Weaver, West	76.63 352	↑P	P	06 18 39.8	-0.9
ELK	comp=Z,76.64 351	Elko	76.64 351	eP	P	06 18 40.5	-0.3
ELK	comp=Z,356nm,19.0s,MS4.7	Elko	76.64 351	eP	P	06 18 40.5	-0.3
ELK	comp=Z,1.5nm,1.7s			MLR	MLR		
MAW	comp=Z,76.67 175	Mawson	76.67 175	P	P	06 18 40.3	-0.5
MAW	comp=Z,76.67 175	Mawson	76.67 175	P	P	06 48 09.9	
MAW	comp=Z,3.9nm,0.9s,mb4.3,comp=Z,217,slow=11,SNR=4.3			P	P	06 18 40.3	-0.5
N12A	comp=Z,322nm,19.4s,MS4.7,comp=Z,185,slow=32	Clover Valley,	76.72 351	P	P	06 18 41.5	+0.3
URVA	comp=Z,76.75 21	University of	76.75 21	eP	P	06 18 40.6	-0.9
O06A	comp=Z,76.77 348	Flanigan	76.77 348	↑P	P	06 18 41.6	+0.1
O16C	comp=Z,76.77 347	Quincy	76.77 347	↑P	P	06 18 41.5	-0.1
O05A	comp=Z,76.83 353	Huntsville	76.83 353	↑P	P	06 18 42.3	+0.5
BBSR	comp=Z,76.92 35	BB Station	76.92 35	PFAKE	LR	06 18 50.0	+7.4
HDIL	comp=Z,76.92 11	Hopedale	76.92 11	PFAKE	LR	06 18 50.0	+7.6
M15A	comp=Z,77.05 353	Larsen Ranch,	77.05 353	↑P	P	06 18 42.4	-0.6
N08A	comp=Z,77.08 349	Eg Springe Mi	77.08 349	↑P	P	06 18 43.3	0.0
O04C	comp=Z,77.15 347	Chester	77.15 347	↑P	P	06 18 44.0	+0.3
M14A	comp=Z,77.17 353	Sheep Mountain	77.17 353	↑P	P	06 18 44.0	+0.3
N06A	comp=Z,77.33 348	Buffalo Meadow	77.33 348	↑P	P	06 18 44.6	0.0
M11A	comp=Z,77.39 351	Holland Ranch,	77.39 351	↑P	P	06 18 44.7	-0.2
L16A	comp=Z,77.50 354	Fish Haven	77.50 354	↑P	P	06 18 44.4	-1.2
L15A	comp=Z,77.58 354	Malad City	77.58 354	↑P	P	06 18 45.0	-1.0
WDC	comp=Z,77.68 346	Whiskeytown Da	77.68 346	PFAKE	LR	06 19 00.0	+1.3
L14A	comp=Z,77.69 353	Malta	77.69 353	↑P	P	06 18 45.9	-0.7
SCIA	comp=Z,77.70 8	State Center	77.70 8	PFAKE	LR	06 19 00.0	+1.3
M08A	comp=Z,77.78 349	Happy Creek Ra	77.78 349	↑P	P	06 18 47.2	+0.1
L13A	comp=Z,77.82 352	Double Diamond	77.82 352	↑P	P	06 18 47.2	-0.1
ACSO	comp=Z,77.83 16	Alum Creek Sta	77.83 16	PFAKE	LR	06 19 00.0	+1.3
M06C	comp=Z,77.89 347	Likely Place G	77.89 347	↑P			

30d 6h

F04A	Amboy	82.82 347	↑P	P	06 19 14.9	+0.7
D13A	Huson	82.82 353	↑P	P	06 19 13.9	-0.3
D11A	Klaveano Farm,	82.82 351	↑P	P	06 19 14.7	-0.3
WES	Weston	83.09 24	PFAKE	LR	06 19 30.0	+1.4
HRV	Adam Dzewonski	83.12 23	PFAKE	LR	06 19 30.0	+1.4
D09A	Jones Farm, RI	83.28 350	↑P	P	06 19 16.5	+0.1
EGMT	Eagleton	83.37 356	PFAKE	LR	06 19 30.0	+1.3
C13A	Hot Springs	83.41 353	↑P	P	06 19 17.2	0.0
C14A	Swan Lake	83.42 353	↑P	P	06 19 17.0	-0.3
NCB	Newcomb	83.62 21	eP	P	06 19 17.3	-1.1
NCB				LR		
DGMT	Dagmar	83.65 360	PFAKE	LR	06 19 30.0	+1.2
D06A	Cle Elum	83.77 348	↑P	P	06 19 19.1	+0.1
AGMN	Agassiz Refuge	83.78 5	eP	P	06 19 18.6	-0.5
EYMN	Ely	83.86 8	eP	P	06 19 18.9	-0.6
EYMN				LR		
FFD	Franklin Falls	83.95 23	eP	P	06 19 20.1	0.0
D05A	Enunclaw	83.96 348	↑P	P	06 19 19.7	-0.3
C09A	Chrisman Ranch	83.97 350	↑P	P	06 19 19.4	-0.7
B13A	Whitefish	84.09 353	↑P	P	06 19 20.9	+0.2
LONY	Lake Ozonia	84.11 21	eP	P	06 19 20.5	-0.4
LONY				LR		
NLWA	Neilton Lookou	84.50 347	PFAKE	LR	06 19 30.0	+7.3
NLWA				LR		
LBNH	Lisbon	84.56 22	PFAKE	LR	06 19 30.0	+6.8
LBNH				LR		
B09A	Rice	84.57 351	↑P	P	06 19 22.9	-0.2
FRNY	Flat Rock	84.60 21	eP	P	06 19 23.1	-0.2
A13A	Flathead Natio	84.64 353	↑P	P	06 19 23.4	0.0
C04A	Brinnon	84.64 347	↑P	P	06 19 23.3	-0.2
WALA	Waterloo Lakes	84.71 353	eP	P	06 19 25.0	+1.2
A11A	Hall Mountain,	84.87 352	↑P	P	06 19 24.4	-0.2
B07A	Winthrop	84.89 349	↑P	P	06 19 24.8	+0.1
A09A	Danville	85.17 350	↑P	P	06 19 25.7	-0.4
A08A	Turner Farm, O	85.24 350	↑P	P	06 19 26.0	-0.4
A07A	Ashnola River,	85.50 349	↑P	P	06 19 27.3	-0.4
A04A	Leqoe Bay, Lum	85.56 348	-0.5	P	06 19 27.6	-0.5
ULM	Lac du Bonnet	85.73 5	eP	P	06 19 27.5	-1.3
ULM				LR		
ULM	Lac du Bonnet	85.73 5	eP	P	06 19 28.3	-0.6
ULM				LR		
PKME	Peaks-Kenny Pk	86.32 24	PFAKE	LR	06 19 40.0	+8.1
PKME				LR		
EDM	Edmonton	86.79 354	eP	P	06 19 42.7	-0.8
STKA	Stephens Creek	89.06 231	LR	LR	06 51 55.3	
HNR	Honiarua	89.55 259	PFAKE	LR	06 20 00.0	+1.2
CTAO	Charters Tower	93.60 242	PFAKE	LR	06 20 20.0	+1.3
CTAO				LR		
MIDW	Midway	93.88 302	PFAKE	LR	06 20 20.0	+1.2
MIDW				LR		
WRAK	Wrangell Islan	94.76 345	PFAKE	LR	06 20 20.0	+8.8
WRAK				LR		
SCHO	Schefferville	95.49 21	PFAKE	LR	06 20 30.0	+1.5
SCHO				LR		
SCHO	Schefferville	95.49 21	LR	LR	07 01 16.3	
SIT	Sitka	96.01 343	PFAKE	LR	06 20 30.0	+1.3
SIT				LR		
YKA	Yellowknife Ar	98.09 355	P	P	06 20 24.8	-1.4
YKA				P	06 59 18.9	
YKA	Yellowknife Ar	98.09 355	P	P	06 20 24.7	-1.4
YKA				P	06 59 18.9	
PMG	Port Moresby	99.63 251	PFAKE	LR	06 20 50.0	+1.6
PMG				LR		
DBIC	Dimbokro	101.18 90	PFAKE	LR	06 20 50.0	+9.2
DBIC				LR		
KDAK	Kodiak Island	101.57 336	PFAKE	LR	06 20 50.0	+7.5
KDAK				LR		
WRAB	Tennant Creek	101.98 235	PFAKE	LR	06 21 00.0	+1.6
WRAB				LR		
PMR	Palmer	103.52 340	PFAKE	LR	06 21 00.0	+8.8
PMR				LR		
EGAK	Eagle	104.18 344	PFAKE	LR	06 21 00.0	+5.9
EGAK				LR		
COLA	College	105.84 342	PFAKE	LR	06 25 20.0	+7.0
COLA				LR		
ADK	Adak	107.75 322	PFAKE	LR	06 25 30.0	+1.3
ADK				LR		
SFJD	Kangerlussuaq	109.91 20	PFAKE	LR	06 25 30.0	+9.4
SFJD				LR		
TORD	Torodi Ar, Bea	110.13 88	PP	PP	06 25 52.3	-4.1
SMY	Shemya	112.99 319	PFAKE	LR	06 25 40.0	+1.3
SMY				LR		
SFS	San Fernando	115.49 62	PFAKE	LR	06 25 40.0	+7.8
SFS				LR		
MTE	Manteigas	116.26 58	PFAKE	LR	06 25 50.0	+1.6
MTE				LR		
PAB	San Pablo	118.14 60	PFAKE	LR	06 25 50.0	+1.3
PAB				LR		
ESLA	Sonsec Array	118.46 60	PFAKE	LR	06 25 50.0	+1.2
ESLA				LR		
PET	Petropavlovsk	121.69 315	PFAKE	LR	06 26 00.0	+1.6
PET				LR		
BILL	Bilibino	122.38 334	PFAKE	LR	06 26 00.0	+1.6
BILL				LR		
KAPI	Kappang	122.52 335	PFAKE	LR	06 26 00.0	+1.4

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KAPI	comp=Z,444nm,20.0s,MS5.1	LR	LR
ESK	Esksalemir 124.15 43	PFAKE	LR
ESK		LR	LR
DAV	Davao City (W) 126.64 250	PFAKE	LR
DAV		LR	LR
MA2	Magadan 127.45 322	PFAKE	LR
MA2		LR	LR
BNI	Bardonecchia 127.69 57	PFAKE	LR
BNI		LR	LR
WLF	Walferdang 128.43 51	PFAKE	LR
WLF		LR	LR
KMBO	Kilima Mbogo 128.57 127	PFAKE	LR
KMBO		LR	LR
KBS	Kingsbay 129.54 13	PFAKE	LR
KBS		LR	LR
BFO	Black Forest 129.56 53	PFAKE	LR
BFO		LR	LR
VLC	Villacollemand 130.03 59	PFAKE	LR
VLC		LR	LR
YSS	Yuzh-Sakhalins 130.03 305	PFAKE	LR
YSS		LR	LR
MAJO	Matsushiro 130.58 290	PFAKE	LR
MAJO		LR	LR
AQU	L'Aquila 131.73 62	PFAKE	LR
AQU		LR	LR
TIP	Timpagrande 133.41 67	PFAKE	LR
TIP		LR	LR
TIXI	Tiksi 134.86 339	PFAKE	LR
TIXI		LR	LR
MSEY	Mahe Island 135.54 150	PFAKE	LR
MSEY		LR	LR
KEV	Kevo 136.76 23	PFAKE	LR
KEV		LR	LR
PSZ	Piszkesteto 137.16 55	PFAKE	LR
PSZ		LR	LR
YAK	Yakutsk 137.63 326	PFAKE	LR
YAK		LR	LR
MDJ	Mudanjiang 138.74 299	PFAKE	LR
MDJ		LR	LR
KWP	Kalwaria 139.10 53	PFAKE	LR
KWP		LR	LR
YHNB	Yeheng 139.68 267	PFAKE	LR
YHNB		LR	LR
TATO	Taipei 139.72 268	PFAKE	LR
TATO		LR	LR
INCN	Inchon 139.75 288	PFAKE	LR
INCN		LR	LR
LVZ	Lovozero 140.09 23	PFAKE	LR
LVZ		LR	LR
CN2	Changchun 141.63 298	ePKP	PKPdf
CN2		PP	PP
CN2		LR	LR
CN2		LR	LR
KIEV	Kiev 143.23 51	PFAKE	LR
KIEV		LR	LR
AKAS	Main Array Be 143.24 51	PKTKP	PKTKP
AKAS		LR	LR
ISP	Isparta 143.64 73	PFAKE	LR
ISP		LR	LR
NJ2	Nanjing 144.51 277	ePKP	PKPdf
EIL	Eilat 145.02 98	PKPbc	PKPbc
HIA	Hailar 145.49 307	PFAKE	LR
HIA		LR	LR
KLMR	Klimovskoe 145.62 31	ePKIKP	PKPdf
ANTO	Ankara 145.71 70	PFAKE	LR
ANTO		LR	LR
QIZ	Qiongzong 146.01 250	PKP	PKPdf
QIZ		LR	LR
QIZ		LR	LR
QIZ		LR	LR
MMAI	Mount Meron Ar 146.43 82	PKPbc	PKPbc
MMAI		LR	LR
OBN	Obninsk 146.62 42	PFAKE	LR
OBN		LR	LR
OBN	Obninsk 146.62 42	ePKP2	PKPab
OBN		e	pmax
OBN		pmax	pmax
MOS	Moscow 146.97 40	ePKP2	PKPbc
ASF	Jabal al Asfar 147.41 84	PKPbc	PKPbc
BJT	Bajitjatu 148.23 290	PFAKE	LR
BJT		LR	LR
ANN	Anapa 149.28 61	iPKP2	PKPbc
ANN		pmax	pmax
MALT	Malatya 149.88 73	PFAKE	LR
MALT		LR	LR
SOC	Sochi 151.00 63	iPKIKP	PKPbc
SOC		e	eSSS
SOC		pmax	pmax
SOC		pmax	pmax
PALK	Pallekele 151.54 190	PFAKE	LR
PALK		LR	LR
ENH	Enshi 151.58 269	PFAKE	LR
ENH		LR	LR
HHC	Hu-ho-hao-te 151.77 292	ePKP	PKPdf
HHC		LR	LR
HHC		LR	LR
HHC		LR	LR
GYA	Guiyang 152.38 259	ePKP	PKPdf
GYA		PKP2	PKPab
GYA		PP	PP
GYA		LR	LR
GYA		LR	LR
GYA		LR	LR
GYA		LR	LR
KIV	Kislovodsk 153.11 62	PFAKE	LR
KIV		LR	LR
KIV		LR	LR
KIV		LR	LR
CM31	Chiang Mai Arr 153.57 236	PFAKE	LR
CM31		LR	LR

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CMAR	Chiang Mai	153.57 236	PKPbc	PKPbc	06 26 50.5	+1.0
CHTO	Chiang Mai	153.82 236	PFAKE	LR	06 26 50.0	+7.9
CHTO				LR		
SOMN	Songino Array	154.45 308	PKP	PKPdf	06 26 42.4	+0.3
SOMN			PKPbc	PKPbc	06 26 52.9	+2.4
SOMN	Songino Array	154.45 308	PKP	PKPdf	06 26 42.4	+0.3
SOMN			PKPbc	PKPbc	06 26 52.9	+2.4
TLY	Talaya	154.58 318	PFAKE	LR	06 26 50.0	+7.9
TLY				LR		
KMI	Kunming	154.85 253	PKP	PKPdf	06 26 41.8	-1.6
KMI			PKP	PKPdf	06 26 47.5	
GNI	Garni	154.88 70	PFAKE	LR	06 26 50.0	+7.0
GNI				LR		
ARU	Arti	155.96 24	PFAKE	LR	06 27 00.0	+1.6
ARU				LR		
CD2	Chengdu	156.45 267	ePKP	PKPdf	06 26 44.5	-0.9
CD2			PKP	PKP	06 26 52.0	

30d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DANN Danging, CD2 Chengdu, XAN Xi'an, etc.

30d 07:04:56.8.1.2.3896N:7162E, h0km, mb3.6/4, mb1 3.8/8, mb1mx3.6/26, mbtmp3.7/8, ML3.6/4, Error ellipse: s-maj=22.0km s-min=19.4km az=35.0

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

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Table with columns: MKAR Makanchi Array, AB09 Abnank array, AB09, BVAR Borovoye Array, etc.

ISCJB 30 07:13:12.1.1.0.2987N:004.3623E:006, h0km, Error ellipse: s-maj=7.0km s-min=5.2km az=173.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, etc.

ISCJB 30 07:13:12.0.1.1.2986N:004.3628E:006, h0km, m14, az=050.20, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, etc.

ISCJB 30 07:13:51.8.1.5.488N:01.1555E:02, h54km, 14km, mb3.8/8, Error ellipse: s-maj=30.7km s-min=6.7km az=42.0

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

ISCJB 30 08:20:28.0.0.3.1713S:006.7057W:007, h33km, mb4.3/19, MS3.5/3, Error ellipse: s-maj=11.5km s-min=4.9km az=143.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, etc.

ISCJB 30 08:20:29.4.0.5.1718S:7063W, h32km, 3km, mb3.9/1, mb1 4.1/14, mb1mx4.0/21, mbtmp3.9/14, ML3.8/2, MS3.3/6, Ms1 3.3/6, ms1mx3.0/31, Error ellipse: s-maj=17.6km s-min=13.4km az=45.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, LVC Limon Verde, etc.

ISCJB 30 07:40:11.5.1.9.1544S:17677W, h326km, 29km, mb3.4/5, mb1 3.8/6, mb1mx3.4/18, mbtmp3.5/6, Error ellipse: s-maj=122.8km s-min=15.6km az=153.0, Fiji Islands region

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

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Table with columns: ASAR Alice Springs, NVAR Mina Array Bea, TXAR Lajitas Array, etc.

NEIC 30 08:00:25.3.3719S:17675E, h238km, MG4.2(WEL), After WEL. WEL 30 08:00:25.3.0.3.3719S:17675E, h238km, 3km, ML4.2/7, Error ellipse: s-maj=6.5km s-min=4.7km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAZ Tarawera, URZ Urewera, MWZ Matawai, etc.

ISCJB 30 08:20:28.0.0.3.1713S:006.7057W:007, h33km, mb4.3/19, MS3.5/3, Error ellipse: s-maj=11.5km s-min=4.9km az=143.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, LVC Limon Verde, etc.

ISCJB 30 08:20:29.4.0.5.1718S:7063W, h32km, 3km, mb3.9/1, mb1 4.1/14, mb1mx4.0/21, mbtmp3.9/14, ML3.8/2, MS3.3/6, Ms1 3.3/6, ms1mx3.0/31, Error ellipse: s-maj=17.6km s-min=13.4km az=45.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, LVC Limon Verde, etc.

NEIC 30 08:20:29.5.0.2.1719S:7062W, mb4.9/9, ML4.2(LIM), Error ellipse: s-maj=9.7km s-min=5.2km az=54.0

NEIC Felt (III) at Moquegua; (II) at Arequipa and Torata. ISC 30 08:20:30.1.0.4.1714S:006.7064W:008, h35km, h35km, 2.4km, pp-P, n63, c0885/51, mb4.3/18, MS3.5/3, 1D, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, EKA Eskdalemuir, NB2 NORSAR Subarra, etc.

1DC 30 16:45:19.5-1.3, 5.58S, 130.99E, h0km, mb3.8/4, mb1.4/1.7, mb1mx3.8/1.6, mbtmp4.0/7, ML4.1/3, Error ellipse: s-maj=54.5km s-min=19.2km az=61.0

ISCJB 30 16:45:29.8-0.8, 5.92S, 0.005, 130.95E, 0.06, h110km, 9km, mb3.6/3, Error ellipse: s-maj=9.9km s-min=8.6km az=0.8

NEIC 30 16:45:30.6-3.5, 5.77S, 130.84E, h97km, 34km, mb3.6/1, Error ellipse: s-maj=31.7km s-min=19.9km az=46.0

ISC 30 16:45:31.4-0.8, 6.00S, 0.005, 131.03E, 0.11, h79km, 9km, n20, r136/29, mb3.6/3, 1C-1D, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLE Tual, KAKA Kakadu, BATI Baumata, FITZ Fitzroy Crossi, etc.

NNC 30 18:00:55.4-2.5, 4.299N, 84.75E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=54.5km s-min=23.1km az=64.0

BUI 30 18:00:59.2, 4.293N, 84.43E, h14km, ML3.0, 3C-2D, Northern Xinjiang

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

ISCJB 30 18:01:43.9-1.6, 5.33S, 0.10, 147.3E, 0.1, h188km, 18km, mb4.0/7, Error ellipse: s-maj=23.7km s-min=13.2km az=26.7

NEIC 30 18:01:46.0-1.6, 5.41S, 147.33E, h198km, 17km, mb4.6/6, Error ellipse: s-maj=17.3km s-min=11.2km az=142.0

DJA 30 18:01:48.560S, 147.26E, h198km, mb5.0/4, IDC 30 18:01:49.2-2.3, 5.53S, 147.38E, h230km, 24km, mb3.7/7, mb1.4/0.10, mb1mx3.7/1.9, mbtmp3.9/1.0, Error ellipse: s-maj=26.8km s-min=11.4km az=110.0

ISC 30 18:01:47.2-1.4, 5.51S, 0.10, 147.4E, 0.1, h207km, 16km, n22, o584/24, mb4.1/7, Eastern New Guinea region

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

CSEM 30 19:00:46.9-0.1, 4.043N, 28.43E, h5km, MD2.7, Error ellipse: s-maj=1.5km s-min=1.3km az=159.0

ISK 30 19:00:46.3, 4.039N, 28.42E, h22km, MD2.7, ISCJB 30 19:00:47.4-0.3, 4.045N, 28.42E, h10km, Error ellipse: s-maj=3.4km s-min=2.8km az=153.4

DDA 30 19:00:47.3, 4.040N, 28.45E, h77km, MD2.8, ISC 30 19:00:47.7-0.4, 4.043N, 0.02, 28.44E, 0.03, h2km, 5km, n26, r150/39, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KCT Karacabey, KCTC Kizilirmak, BNT Bandirma, etc.

ISCJB 30 19:05:29.4-0.8, 4.494N, 0.003, 100.5E, 0.06, h25km, 7km, Error ellipse: s-maj=6.9km s-min=5.5km az=155.8

CSEM 30 19:05:30.2-0.2, 4.485N, 10.03E, h5km, ML4.0/12, Error ellipse: s-maj=6.4km s-min=3.7km az=65.0

NEIC 30 19:05:30.5, 4.490N, 10.09E, h15km, ML4.1(LDG), After GEN.

LDG 30 19:05:30.8-0.3, 4.493N, 10.11E, h10km, M4.1/12, Error ellipse: s-maj=5.7km s-min=2.5km az=97.0

STV 30 19:05:30.5, 4.490N, 10.09E, h15km, ML4.1(LDG), ISC 30 19:05:30.1-0.8, 4.492N, 0.003, 99.9E, 0.05, h14km, 6km, n60, o599/78, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRAM Gramscio, VALM Valmadrera, SC2M Scurtabr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LMR La Moure, CMBF La Chapelle, SMRF Simiane la Rot, etc.

PRU 30 19:05:39.6, 4.479N, 10.19E, h0km, IDC 30 19:05:39.9-0.6, 4.487N, 10.11E, h0km, mb4.0/13, mb1.4/2.1/9, mb1mx4.0/30, mbtmp4.1/19, ML4.4/6, MS3.6/17, Ms1.3.6/17, ms1mx3.3/4.6, Error ellipse: s-maj=13.0km s-min=8.5km az=112.0

MOS 30 19:05:40.8-1.0, 4.497N, 10.06E, h10km, mb4.0/1, Error ellipse: s-maj=5.2km s-min=4.1km az=83.6

ISCJB 30 19:05:40.4-0.1, 4.4996N, 0.008, 10.10E, 0.01, h10km, mb4.1/19, MS3.7/13, Error ellipse: s-maj=1.2km s-min=1.1km az=158.7

CSEM 30 19:05:41.9-0.1, 4.489N, 10.11E, h15km, mb4.4/1, ML4.5/21, Ms3.5/6, Error ellipse: s-maj=0.9km s-min=0.8km az=144.0

PDG 30 19:05:41.9-0.5, 4.498N, 10.09E, h19km, 4km, ML4.5/9, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

LDG 30 19:05:41.0-0.1, 4.496N, 10.20E, h10km, Md1.1/3, M4.4/43, ms3.5/6, Error ellipse: s-maj=2.1km s-min=1.5km az=3.0

STR 30 19:05:42.0-3.3, 4.495N, 10.05E, h10km, M4.4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

SZGRF 30 19:05:42.6, 4.503N, 9.95E, h10km, mb3.5, MS4.3, Northern Italy

GEN 30 19:05:42.3, 4.492N, 10.05E, h0km, ML4.0, NEIC 30 19:05:42.3, 4.492N, 10.05E, h0km, mb4.2/5, ML4.4(LDG), ML4.2(GEN), ML4.4(STR), ML4.3(SZGRF), ML4.2(ROM), After GEN.

NEIC FELT (IV) at Busseto, Fiorenzuola d'Arda, Noceto, Salsomaggiore Terme and Soragna; (III) at Alseno, Cremona, Fidenza, Milan, Modena, Parma, Piacenza, Reggio nell'Emilia, Torricella and Verona. Also felt at Genoa.

ROM 30 19:05:43.0-0.1, 4.490N, 10.00E, h20km, 1km, M4.1/46, Error ellipse: s-maj=1.8km s-min=1.4km az=53.0

IPEC 30 19:05:43.8-0.4, 4.498N, 10.07E, h20km, 2km, ML4.6/3, Error ellipse: s-maj=2.2km s-min=0.9km az=7.0

ISC 30 19:05:42.1-0.1, 4.4949N, 0.008, 10.06E, 0.01, h10km, n588, r1518/815, mb4.1/19, MS3.7/13, 47C-28D, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRAM Gramscio, BOB Bobbio (Coli), ERBM Erema, VALM Valmadrera, etc.

RAVA Ravarino, SARO Sassorosso, SARO Sassorosso, SARO Sassorosso, VINC Vinca, VINC Vinca, VINC Villacollemand, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAVA Ravarino, SARO Sassorosso, VINC Vinca, VINC Villacollemand, etc.

30d 19h

Table with columns for station name, frequency, power, and signal strength. Includes stations like VMG Vicchio, FIN Finale Ligure, MONC Moncucco Torin, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like BAD Bernadia, CALN Calern, RETA Reutte, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like BFO Black Forest, HIN Hinterfeld, HIN Hinterfeld, etc.

30d 19h

Table with columns: Way, Station Name, Frequency, Power, Mode, and Time. Includes stations like Valadovo, Lanestosa, ELAN, EBEN, ETOB, etc.

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Table with columns: YKA, ULM, BOS, CMAR, PDAR, KSR, ASAJ, TXAR, TXAR, JOW, JHW, ASAR, VNSA, etc. Includes station names and frequencies.

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Table with columns: MKS, BATI, WRA, ASAR, SONM, MKAR, ZALV, etc. Includes station names and frequencies.

Table with columns: SKO, Skopje, 0.77 85 ePg, Pg, 19 43 19.3 +0.2, PKSG, sS, Sn, 19 45 35.9 +0.8, etc.

Table with columns: PKSG, sS, Sn, 19 45 35.9 +0.8, etc.

ISCJB 30 19:45:47.3 0.7, 22735.006:688W, 0.2, h95km, 7km, mb4.0/2, Error ellipse: s-maj=23.4km s-min=9.4km az=7.6

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

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

ISC 30 19:58:46.4 1.8, 122N-3041W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/2, mbmtpp3.7/4, Error ellipse: s-maj=73.1km

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

ISCJB 30 20:24:39.0 0.9, 3762S-009:1769E, 0.1, h24km, 8km, mb3.2/2, Error ellipse: s-maj=17.8km s-min=12.3km

ISC 30 20:24:39.3 1.4, 3772S-17684E, h225km, 13km, mb3.0/2, mb1 3.3/3, mb1mx3.1/16, mbmtpp3.1/3, Error ellipse: s-maj=51.1km s-min=24.1km az=124.0

WEL 30 20:24:41.3 0.3, 3732S-17675E, h201km, 3km, ML4.5/17, Error ellipse: s-maj=3.6km s-min=3.5km az=90.0

ISC 30 20:24:39.9 0.9, 3762S-009:1769E, 0.1, h238km, 7km, n94, #083/98, mb3.2/2, North Island

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

Table with columns: TWZ, Tintock, 3.26 194, PN, Pn, 20 25 35.3 +0.8, etc.

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

BEO 30 20:51:23.4 0.8, 4562N-2065E, h16km, 3km, ML3.0/8, NEIC 30 20:51:23.8, 4540N-2054E, h10km, ML3.1(BUC), After BUC.

ISCJB 30 20:51:24.8 0.5, 4562N-002-2050E, 0.04, h30km, 5km, Error ellipse: s-maj=4.3km s-min=3.2km az=167.7

PRU 30 20:51:25.3, 4560N-2054E, h20km, CSEM 30 20:51:25.8 0.2, 4551N-2062E, h30km, ML3.1, Error ellipse: s-maj=5.7km s-min=4.2km az=26.0

ISC 30 20:51:25.1 0.7, 4560N-002-2051E, 0.04, h21km, 7km, n48, #12/77, SC-20, Northwestern Balkan Peninsula

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

ms1mx3.1/29, Error ellipse: s-maj=118.1km s-min=48.4km az=12.0, New British region

Code Station Name Az AZ Phase ID Time Res

WRA Warramunga Arr 22.50 228 Op ISC h m s ISC

ASAR Alice Springs 25.24 220 P 22 45 12.1 +0.9

FITZ Fitzroy Crossi 28.67 241 P 22 45 42.4 +0.3

CBUJ Chichi ima 33.45 344 LR LR 22 57 14.4

TORD Torodi Ar. Bea 149.55 287 PKPbc PKPbc 22 59 35.2 -0.6

BJJ 30 22:42:03.5, 1909N:9540E, h25km, mb6.1, mb5.8, Ms6.1, Ms5.9

ISCJB 30 22:42:04.6-0.1, 1931N:002:9554E, 0.01, h16km, mb5.9/32.1, MS5.4/235, Error ellipse: s-maj=2.6km s-min=1.8km az=24.9

GCMT 30 22:42:05.6-0.1, 1906N:9577E, h12km, MW5.6/99, Moment Tensor Solution: s84,c148; s99,c238; Duration: 1s5 Moment tensor: Scale 1017Nm; Mn:2.60e-03; M0:1.33e-04; M0:1.27e-04; M0:0.28e-09; M0:2.14e-03; M0:0.06e-10; Best double couple: M0:3.04000x1017 NP1:0.322 00000; 0.44 00000; 1.01 00000; NP2:0.1270 00000; 0.47 00000; 1.79 00000; Principal axes: T 2.6270, Plg82.0000; Azm225.0000; N 0.8080, Plg8.0000; Azm134.0000; P -3.4440, Plg1.0000; Azm225.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 30 22:42:05.6-0.1, 1931N:9561E, mb6.0/191, MS5.5/176, MW5.6 Error ellipse: s-maj=3.5km s-min=2.1km az=31.0, Moment Tensor Solution: s16 Moment tensor: Scale 1017Nm; Mn:2.15; M0:1.56; M0:0.60; M0:0.66; M0:1.30; M0:1.22; Best double couple: M0:2.70000x1017 NP1: 0.290 00000; 0.33 00000; 1.64 00000; NP2: 0.139 00000; 0.61 00000; 1.10 00000; Principal axes: T 2.6300, Plg70.0000; Azm83.0000; N 0.1600, Plg13.0000; Azm311.0000; P -2.7800, Plg14.0000; Azm218.0000;

NEIC Felt at Rangoon. Also felt at Chiang Mai, Thailand. SZGRF 30 22:42:06.4, 1875N:9538E, h33km, mb6.2, MS5.5, Myanmar

IDC 30 22:42:06.3-1.4, 1932N:9558E, h18km, mb6.3/30, mb1.5/6/32, mb1mx5.6/32, mb1mx5.6/32, ML4.7, MS5.2/28, Ms1.5/2/28, ms1mx5.1/41, Error ellipse: s-maj=10.1km s-min=8.0km az=37.0

MOS 30 22:42:07.8-0.9, 1941N:9552E, h36km, mb6.2/119, MS5.4/98, Error ellipse: s-maj=6.5km s-min=3.0km az=127.9

DJA 30 22:42:08.19, 1932N:9570E, h22km, mb6.3/5 BGS 30 22:42:08.0, 1923N:9566E, h33km, mb5.8

ISC 30 22:42:06.4-0.1, 1931N:002:9559E, 0.01, h17km, h17km, 1.6km, p-P, n1369, 0.0596/1241, mb5.9/322, MS5.4/235, 192C-30D, Myanmar

Code Station Name Az AZ Phase ID Time Res

CHG Chiang Mai 3.21 98 Op ISC h m s ISC

CHT Chiang Mai 3.21 98 P Pn 22 42 56.5 +0.3

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

CMAR Chiang Mai Arr 3.29 104 Pn Pn 22 43 05.4 -0.2

KKN Bilaspur 12.66 314 eP Pn 22 45 05.7 -0.2

KGN Gorkha 13.24 313 eP Pn 22 45 13.3 -0.4

KIZ Qiongzong 13.48 89 P Pn 22 45 17.0 0.0

KOLN Koldanda 13.84 310 eP Pn 22 45 21.0 -0.9

KULM Nagpur 14.78 160 iP Pn 22 45 35.7 +0.8

IPM Kuala Trengganu 15.67 160 iP Pn 22 45 45.4 -1.2

MDRS Chennai 15.98 249 eP Pn 22 45 50.9 -0.1

HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

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HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

HYB Hyderabad 16.28 266 eP Pn 22 45 54.0 -0.4

GTA Gaotai 20.36 9 iP P 22 46 43.5 +1.4

SMLA Simla 20.36 309 iP P 22 46 43.2 +1.0

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

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KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

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KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

KAD Karad 20.42 268 eP P 22 46 44.5 +1.5

UPM	Unac-Piva	67.46 310	iP	P	22 53 01.0 -0.4
BUM	Brajci-Budva	67.56 309	iP	P	22 53 01.1 -1.0
RHK3	Tenkas	67.67 313	eP	P	22 53 03.2 +0.5
ADE	Adelaide	67.75 143	eP	P	22 53 03.9 +0.6
BR	Bratogost	67.82 321	eP	P	22 53 02.5 -0.8
GKP	Gorka Klasztor	67.83 321	eP	P	22 53 03.6 +0.1
GKP	comp-Z,400nm,1.1s,mb6.4		eP	P	22 53 06.6 -2.4
GKP			eS	P	23 01 60.0 -1.1
GKP			LR	P	23 24 51.1
GKP	comp-Z,2um,19.5s		LMZ	S	
GKP	Gorka Klasztor	67.83 321	eP	P	22 53 03.6 0.0
GKP			eP	P	22 53 06.6 -2.4
GKP			eS	P	23 01 59.9 -1.1
GKP			LR	P	
GKP	comp-Z,2um,19.5s,MS5.4				
HCY	Herceg Novi	67.84 309	iP	P	22 53 02.9 -0.9
MORC	Moravsky Berou	67.84 317	P	P	22 53 03.9 +0.1
MORC	Moravsky Berou	67.84 317	P	P	22 53 03.4 -0.3
SMY	Shemya	67.96 40	eP	P	22 53 03.8 -0.6
SMY	comp-Z,150nm,1.0s,mb6.0		eP	P	
SMY	comp-Z,360nm,0.9s,mb6.4		eP	P	
SMY			eP	P	22 53 31.1 +0.4
SMY			eP	P	22 53 34.8 +0.7
SMY			LR	P	
SMY	comp-Z,2um,21.0s,MS5.4				
SMY	Shemya	67.96 40	eP	P	22 53 03.8 -0.6
SMY			e	P	22 53 31.1
SMY			e	P	22 53 34.8
SMY	comp-Z,361nm,0.9s,mb6.4		eP	P	
SMY			MLR	MLR	
MODS	Modra-Piesok	68.12 315	eP	P	22 53 06.0 +0.5
MODS	comp-Z,64nm,1.0s,mb5.6		eP	P	
MODS	Modra-Piesok	68.12 315	eP	P	22 53 08.2
MODS	comp-Z,64nm,1.0s,mb5.6		eP	P	22 53 06.0 +0.5
ZST	Bratislava	68.26 315	eP	P	22 53 06.2 -0.1
ZST	comp-Z,82nm,0.8s,mb5.8		eP	P	
ZST	Bratislava	68.26 315	eP	P	22 53 08.9
ZST	comp-Z,82nm,0.8s,mb5.8		eP	P	22 53 06.2 -0.1
VRAC	Vranov	68.50 316	P	P	22 53 08.2 +0.4
VRAC	comp-Z,1um,19.8s,MS5.1,baz=23,slow=38		P	P	23 26 04.8
KSP	Ksiaz	68.56 318	eP	P	22 53 08.2 0.0
KSP	comp-Z,700nm,1.0s,mb5.5		eP	P	
KSP			eS	P	22 53 11.3 -2.4
KSP			eS	P	23 02 08.3 -1.5
KSP			eS	P	23 27 06.4
KSP	comp-Z,6um,21.0s		eP	P	
KSP	Ksiaz	68.56 318	eP	P	22 53 08.0 -0.2
KSP			eS	P	23 02 06.9 -3.0
KSP			MLR	MLR	
DPC	Dobruska-Polom	68.59 317	eP	P	22 53 08.2 -0.2
DPC			eP	P	22 53 16.2 +2.3
DPC			eS	P	23 02 09.1 -1.0
DPC			AMS	S	23 27 00.0
STEI	Steigen	68.64 336	eP	P	22 53 07.8 -0.6
STEI	comp-Z,177nm,1.4s,mb5.8		eP	P	
SOP	Sopron	68.67 315	iP	P	22 53 09.2 +0.3
SOP	Sopron	68.67 315	iP	P	22 53 09.2 +0.3
UPC	Uvice	68.77 318	eP	P	22 53 09.1 -0.4
MOR8	Moi Rana	68.94 335	eP	P	22 53 08.3 -1.9
MOR8	comp-Z,240nm,1.2s,mb6.0		eP	P	
MOR8	Moi Rana	68.94 335	eP	P	22 53 08.3 -1.9
MOR8	comp-Z,240nm,1.2s,mb6.0		eP	P	
KOGS	Kog	69.00 313	iP	P	22 53 11.5 +0.4
SPITS	Spitsbergen Ar	69.02 347	LR	P	23 30 17.2
SPB4	Spitsbergen Ar	69.02 347	eP	P	22 53 10.4 -0.3
SPB4	comp-Z,2um,18.9s,MS5.3,baz=35,slow=42		eP	P	
SPB4			eP	P	22 53 34.8 0.0
SPB4			eP	P	22 55 44.8 +1.9
BSD	Bornholm Skovb	69.08 323	iP	P	22 53 10.5 -0.9
BSD	comp-Z,131nm,1.0s,mb5.8		i	P	22 57 16.2
BSD			i	P	23 02 13.2
BSD	Bornholm Skovb	69.08 323	iP	P	22 53 10.5 -0.9
BSD	comp-Z,131nm,1.0s,mb5.8		i	P	22 57 16.2
BSD			i	P	23 02 13.2
CONA	Conrad Observa	69.11 315	iP	P	22 53 11.2 -0.4
CONA	comp-Z,400nm,1.8s,mb5.1		iP	P	
CSNA	Conrad Observa	69.11 315	iP	P	22 53 11.3 -0.4
TREC	Trest	69.22 316	eP	P	22 55 46.1 +1.0
TREC	comp-Z,364nm,1.7s,mb5.0		eP	P	
TREC			eS	P	23 02 16.0 -1.7
TREC			AMS	S	23 30 10.0
LOF	Lofoten	69.28 337	eP	P	22 53 12.8 +0.4
LOF	comp-Z,299nm,1.0s,mb5.2		eP	P	
LOF	Lofoten	69.28 337	eP	P	22 53 12.8 +0.4
LOF	comp-Z,299nm,1.1s,mb6.2		eP	P	
ARSA	Arzberg	69.41 314	iP	P	22 53 13.2 -0.4
ARSA	comp-Z,542nm,2.5s,mb6.0		iP	P	
GOLSE	Golise	69.48 313	eP	P	22 53 14.8 +0.7
STOK	Stokkvaagen	69.51 335	eP	P	22 53 13.1 -0.7
STOK	comp-Z,158nm,1.3s,mb5.8		eP	P	
STOK	Stokkvaagen	69.51 335	eP	P	22 53 13.1 -0.7
STOK	comp-Z,158nm,1.3s,mb5.8		eP	P	
HNR	Honiar	69.53 108	P	P	22 53 14.6 -0.2
HNR	comp-Z,890nm,22.0s,MS5.0		P	P	
HNR	Honiar	69.53 108	P	P	22 53 14.6 -0.2
HNR	comp-Z,116nm,0.8s,mb5.8,baz=62,slow=6.9,SNR=7.9		P	P	
TIP	Timpagrade	69.57 306	eP	P	22 53 13.9 -0.8
TIP	comp-Z,196nm,1.1s,mb6.0		eP	P	
TIP			eP	P	22 53 37.9 +0.2
TIP			eS	P	22 55 46.7 -2.1
TIP			LR	P	23 02 21.7 -0.5
PVCC	Panska Ves	69.69 318	eP	P	22 53 15.2 0.0
PVCC	comp-Z,954nm,21.0s,MS5.0		eP	P	
PVCC			eP	P	22 55 43.5 -5.6
PVCC			AMS	S	23 27 30.0
PERS	Pernice	69.76 314	eP	P	22 53 16.1 +0.4
PERS	comp-Z,2um,20.0s		eP	P	
PRU	Pruhonic	69.76 317	eP	P	22 53 24.9 +0.8
PRU	comp-Z,400nm,1.8s,mb5.1		eP	P	
PRU			eS	P	22 53 15.5 -0.2
PRU			eS	P	22 55 42.6 -7.2
PRU			eS	P	22 57 42.3
PRU			eS	P	23 02 24.4 +0.4
PRU			AMS	S	23 27 40.0
BOJS	Bojanci	69.81 312	iP	P	22 53 16.6 +0.6
SOKA	Soboth	69.81 314	iP	P	22 53 15.8 -0.2
SOKA	comp-Z,613nm,2.6s,mb5.1		iP	P	
PRA	Prague	69.82 317	P	P	22 53 17.0 +1.0
KBS	Kingsbay	69.96 348	eP	P	22 53 14.6 -1.8
KBS	comp-Z,2um,19.0s,MS5.3		eP	P	
KBS			eP	P	22 53 15.2
KBS			eP	P	22 55 43.6 -7.3
KBS			eS	P	23 02 20.1 -5.4
KBS	comp-Z,2um,19.0s,MS5.3		eP	P	
KBS	Kingsbay	69.96 348	eP	P	22 53 13.7 -2.7
KBS			iP	P	22 53 15.2
KBS			iP	P	22 53 14.6 -1.8
KBS			eS	P	22 53 43.7
KBS			eS	P	23 02 20.2 -5.3
RUE	Ruedersdorf	69.98 320	eP	P	22 53 16.6 -0.3
RUE	comp-Z,435nm,1.0s,mb6.3		eP	P	
RUE	Ruedersdorf	69.98 320	eP	P	22 53 39.1 -0.1
RUE	comp-Z,435nm,1.0s,mb6.3		eP	P	
BRG	Berggiesshubel	70.05 318	iP	P	22 53 17.2 -0.2
BRG	comp-Z,147nm,0.9s,mb5.9		iP	P	
BRG			e	P	23 02 28.0
BRG	comp-Z,1um,19.8s,MS5.2				
BRG	Berggiesshubel	70.05 318	iP	P	22 53 17.2 -0.2
BRG	comp-Z,147nm,0.9s,mb5.9		iP	P	
BRG			e	P	23 02 28.0
BRG	comp-N,1um,16.9s				
BRG	comp-E,2um,21.3s				
OBKA	Obir	70.16 314	iP	P	22 53 17.7 -0.5
CUC	Castrocuco	70.17 307	iP	P	22 53 17.5 -0.8
CUC	comp-Z,294nm,1.3s,mb6.0		iP	P	
CUC			eP	P	22 55 52.3 +0.1
CUC			eP	P	22 53 17.2 -0.2
CUC			e	P	23 02 28.0
MOA	Molin	70.19 315	iP	P	22 53 17.7 -0.7
MOA	comp-Z,200nm,1.1s,mb6.0		iP	P	
NVLJ	Novaja	70.20 311	P	P	22 53 18.1 -0.4
LJU	Ljubljana	70.24 313	iP	P	22 53 19.4 +0.7
LJU	comp-Z,302nm,0.9s,mb6.2		iP	P	
CEL	Celeste	70.38 305	iP	P	22 53 19.2 -0.5
CEL	comp-Z,579nm,1.0s,mb5.5		iP	P	
CEL			eP	P	22 53 39.9 -1.3
CEL			eP	P	22 55 44.3 -1.1
CEL			eP	P	23 02 28.6 -3.2
FBE	Freiberg	70.41 318	eP	P	22 53 21.0 +1.4
GEC2	GERESS Array S	70.44 316	eP	P	22 53 19.6 -0.2
GEC2	comp-Z,302nm,0.9s,mb6.2		eP	P	
GEC2	GERESS Array S	70.44 316	eP	P	22 53 19.6 -0.2
GEC2	comp-Z,302nm,0.9s,mb6.2		eP	P	
GEC2	GERESS Array S	70.44 316	eP	P	22 53 19.5 -0.3
GEC2	comp-Z,302nm,0.9s,mb6.2		eP	P	
GERES	GERESS Array B	70.44 316	P	P	22 53 19.6 -0.2
GERES	comp-Z,302nm,0.9s,mb6.2		P	P	
GERES	GERESS Array B	70.44 316	P	P	23 02 32.8 +0.8
GERES	comp-Z,302nm,0.9s,mb6.2		P	P	
GERES	GERESS Array B	70.44 316	P	P	23 21 20.9
GERES	comp-Z,302nm,0.9s,mb6.2		P	P	
GERES	GERESS Array B	70.44 316	P	P	23 27 05.8
GERES	comp-Z,199nm,0.8s,mb6.1,baz=79,slow=3.9,SNR=416		P	P	
GERES			P	P	23 02 32.8 +0.8
GERES	comp-Z,0.2nm,0.5s,baz=145,slow=68,SNR=21		P	P	
GERES			P	P	23 21 20.9
GERES	comp-Z,0.3nm,0.4s,baz=222,slow=5.4,SNR=4.7		P	P	
GERES			P	P	23 27 05.8
COP	Copenhagen	70.45 323	iP	P	22 53 20.5 +0.7
COP	comp-Z,53nm,1.0s,mb5.4		iP	P	
COP			eS	P	23 02 34.7 +2.8
COP			eS	P	23 02 34.7 +2.8
COP			MLR	MLR	
COP	comp-Z,53nm,1.0s,mb5.4		MLR	MLR	
KHC	Kasperske Hory	70.48 316	eP	P	22 53 19.7 -0.4
KHC	comp-Z,1um,19.0s		eP	P	
KHC			eP	P	22 53 31.0 +5.4
KHC			eP	P	22 53 52.4 -0.6
KHC			AMS	S	23 27 00.0
KHC			AMS	S	23 27 00.0
CLL	Colim	70.58 319	iP	P	22 53 20.4 -0.3
CLL	comp-Z,173nm,1.1s,mb5.9		iP	P	
CLL			eS	P	22 53 30.0
CLL			eS	P	23 02 31.0 -2.6
CLL	comp-Z,2um,19.6s,MS5.4		iP	P	
CLL	Colim	70.58 319	iP	P	22 53 20.4 -0.3
CLL	comp-Z,173nm,1.1s,mb5.9		iP	P	
CLL			eS	P	22 53 30.0
CLL			eS	P	23 02 31.0 -2.6
CLL	comp-Z,2um,19.6s,MS5.4		MLR	MLR	
CLL	Colim	70.58 319	iP	P	22 53 20.0 -0.7
CLL	comp-Z,173nm,1.1s,mb5.9		iP	P	
CLL			eS	P	22 53 20.4 -0.3
CLL	comp-Z,173nm,1.1s,mb5.9		eS	P	
CLL			eP	P	22 53 30.0
CLL			eP	P	22 57 45.0
CLL			eS	P	23 02 31.0 -2.6
CLL			eS	P	23 08 24.0
CLL			eS	P	23 11 36.0 -0.4
CLL			eS	P	23 28 00.0
CLL	comp-N,1um,19.8s		LmV	P	23 28 00.0
CLL	comp-E,2um,21.3s		LmV	P	23 28 00.0
NB2	NORSAR Subarra	70.60 329	P	P	22 53 19.2 -1.4
NB2	comp-Z,149nm,0.9s,mb5.9,baz=86,slow=6.2		P	P	
NOA	NORSAR Array B	70.60 329	P	P	22 53 18.6 -1.9
NOA	comp-Z,110nm,0.9s,baz=88,slow=8.6,SNR=3.7		P	P	
NOA			P	P	22 55 56.4 -0.3
NOA			P	P	23 02 32.7 -0.7
NOA			P	P	23 27 00.1
NOA	NORSAR Array B	70.60 329	P	P	22 53 18.6 -2.0
NOA	comp-Z,110nm,0.9s,baz=88,slow=8.6,SNR=3.7		P	P	
NOA			P	P	22 55 56.4
NOA					

Table with columns: Code, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like SPAK Spaaiching-Ko, KMY Karmoy, KMY Karmoy, SC2M Scurtabr, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like CALN Calern, KEST Kesra, KEST Kesra, KEST Kesra, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like EBL Broad Law, SET Setif, CAF Calviac, CAF Calviac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31 Makanchi Array, KSR5 Korea Array, SONM Songino Array, etc.

IDC 31 01:09:50.4.3.5, 617S-14844E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.4/15, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=107.6km s-min=46.2km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

NIED 31 01:22:00.3220N, 13190E, h32km, Mw4.3 Best double couple: Mu2.81000x1015 NP1.357.00000, 862.00000, 766.00000. NP2.2.00000, 836.00000, 836.00000, 127.00000. IDC 31 01:22:37.8.1.2, 3197N-13198E, h0km, mb3.6/3, mb1 3.9/7, mb1mx3.7/25, mbtmp3.8/7, ML3.7/4, MS3.4/7, Ms1 3.4/7, ms1mx3.1/38, Error ellipse: s-maj=28.4km s-min=19.0km az=92.0

JMA 31 01:22:41.0.0.1, 3216N-13188E, h21km, Mw1.1, Broadband fault plane solution: P waves. NP1: 0.217.00000, 832.00000, 712.00000. NP2: 0.327.00000, 875.00000, 761.00000. Principal axes: T P1g1.00000, Azm209.00000, N P1g25.00000, Azm340.00000; P P1g25.00000, Azm84.00000; JMA Felt II J1, NEIC 31 01:22:41.1, 3216N-13188E, h21km, MG4.1(JMA), After JMA.

NEIC Recorded [2 JMA] in Miyazaki and [1 JMA] in Oita Prefectures.

ISC 31 01:22:40.4.0.8, 3215N-003.3192E-005, h17km, 6km, n28, 0.81/31, mb4.0/4, MS3.6/3, 2C-6D, Kyushu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTSN Tsuno, JKIT Kitakata, JZT Takazaki, JNAR Kushima-Naru, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCJB 31 01:28:58.7.1.6, 521S-006:14634E-009, h112km, 16km, mb4.4/12, Error ellipse: s-maj=14.2km s-min=10.7km az=7.0, NEIC 31 01:29:01.1.1.6, 524S-14626E, h118km, 14km, mb4.9/7, Error ellipse: s-maj=15.0km s-min=11.7km az=74.0, IDC 31 01:29:04.1.2.9, 530S-14635E, h148km, 27km, mb4.0/10, mb1 4.3/12, mb1mx4.1/18, mbtmp4.1/12, MS3.5/2, Ms1 3.5/2, ms1mx2.9/24, Error ellipse: s-maj=25.2km s-min=11.1km az=99.0, DJA 31 01:29:05.551S, 14515E, h106km, mb4.9/4, Error ellipse: s-maj=17.1km s-min=10.4km az=143.0, ISCJB 31 02:07:02.9.1.0, 4871N-008:1546E-01, h66km, 9km, mb3.8/13, Error ellipse: s-maj=16.3km s-min=5.4km az=137.6, MOS 31 02:07:02.9.1.2, 4871N-15463E, h70km, mb4.3/5, Error ellipse: s-maj=17.5km s-min=10.5km az=67.0, IDC 31 02:07:05.4.2.8, 4870N-15453E, h71km, 25km, mb3.6/11, mb1 3.8/14, mb1mx3.6/25, mbtmp3.6/14, MS2.9/1, Ms1 2.9/1, ms1mx2.0/40, Error ellipse: s-maj=23.6km s-min=14.1km az=141.0, ISC 31 02:07:04.9.3, 4873N-008:1546E-01, h67km, 8km, n40, 0.81/43, mb3.8/13, 1D, Kuril Islands

IDC 31 01:37:16.7.17.0, 2606S-17409W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.9/18, mbtmp4.1/5, MS3.5/1, Ms1 3.5/1, ms1mx2.5/35, Error ellipse: s-maj=329.3km s-min=139.3km az=87.0, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ARMA Armadale, etc.

ISCJB 31 01:56:31.8.2.4, 59S-01:1454E-01, h107km, 25km, mb4.0/12, Error ellipse: s-maj=22.1km s-min=16.8km az=37.5, NEIC 31 01:56:33.7.1.5, 588S-14533E, h110km, 15km, mb4.3/4, Error ellipse: s-maj=19.0km s-min=10.6km az=133.0, IDC 31 01:56:36.0.6.6, 591S-14533E, h132km, 61km, mb3.7/11, mb1 3.8/13, mb1mx3.7/19, mbtmp3.7/13, Error ellipse: s-maj=30.4km s-min=18.9km az=78.0, ISC 31 01:56:33.4.2.3, 59S-01:1454E-01, h106km, 23km, n30, 0.61/30, mb4.0/12, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KDAK Kodiak Island, RAGM Rugged Mountain, BMRM Bremner River, etc.

31d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Erkin-Say, Sundamagar, Karatay Array, Simla, Chumysh, Ospanovka, Tokmak 2, Dehra Dun, New Delhi, Dangsing, Makanchi Array, etc.

ISC 31 02:19:36.9.2.4, 2233Sx11396W, h0km, mb3.6/3, mb1.4/0.3, mb1mx3.7/16, mbtrmp3.6/3, MS3.8/2, M5.1 3.8/2, ms1mx3.1/25, Error ellipse: s-maj=82.2km s-min=40.2km az=34.0

ISCJB 31 02:19:40.5.1.0, 218S.02.1135W.03, h10km, mb4.0/9, MS3.7/2, Error ellipse: s-maj=36.4km s-min=21.9km az=170.7

NEIC 31 02:19:42.5.1.0, 2180Sx11341W, h10km, mb4.4/6, Error ellipse: s-maj=36.4km s-min=21.8km az=81.0

ISC 31 02:19:42.7.1.0, 218S.02.1135W.03, h10km, n18, #092/13, mb4.0/9, MS3.7/2, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Nana, Atahualpa, La Paz, Great Sand Dun, Nana Array, Pinedale Array, etc.

SZGRF 31 02:34:12.3, 1763N.9671E, h33km, mb4.6, MS4.4, Myanmar

ISCJB 31 02:34:17.7.0.3, 1934N.007.9560E.005, h10km, mb4.5/41, MS4.1/4, Error ellipse: s-maj=11.4km s-min=4.7km az=31.4

ISC 31 02:34:19.6.2.6, 1934N.9569E, h12km, mb4.3/16, mb1.4/4/17, mb1mx4.2/25, mbtrmp4.2/17, ML4.0/1, MS3.8/2, M5.1 3.8/2, ms1mx3.2/37, Error ellipse: s-maj=22.3km s-min=13.5km az=43.0

NEIC 31 02:34:19.3.0.3, 1932N.9567E, h10km, mb4.7/10, Error ellipse: s-maj=5.3km az=213.0

BJJ 31 02:34:19.5, 1919N.9516E, h23km, mb4.5, mb4.3, MS4.2, Ms2.0

ISC 31 02:34:19.1.0.3, 1929N.9568E.005, h10km, n100, #094/104, mb4.5/41, MS4.1/4, 1C, Myanmar

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

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Chiang Mai Arr, CMAR, Chiang Mai Arr, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like La Plagne, Montbardon, KEST, etc.

ISCJB 31 02:42:17.0.0.5, 311AS.003.6839W.005, h110km, 6km, mb3.4/2, Error ellipse: s-maj=7.1km s-min=4.5km az=1.6

IDC 31 02:42:17.9.0.7, 311AS.6825W, h97km, 5.10km, mb3.2/2, mb1.3.5/7, mb1mx3.4/20, mbtrmp3.3/7, Error ellipse: s-maj=39.7km s-min=22.6km az=105.0

NEIC 31 02:42:17.4.0.5, 311AS.6832W, h114km, 12km, MG4.1 (GUC), Error ellipse: s-maj=9.3km s-min=5.4km

GUC 31 02:42:18.1.0.9, 311AS.6863W, h148km, MD3.8, ML4.1

ISC 31 02:42:18.1.0.5, 311AS.003.6839W.005, h103km, 6km, n42, #103/64, mb3.4/2, 7C-15D, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Coronel Fontan, Coronei Fontan, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=6.6, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=6.6, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=6.6, etc.).

NVAR	comp-Z, 1.2nm, 0.7s, baz=130, slow=4.2, SNR=4.0	SKP	03 04 50.8
NVAR	comp-Z, 1.0nm, 0.8s, baz=291, slow=3.0, SNR=5.8	PKKPbc	03 11 31.8 +2.6
REDW	Red Top Meadow 121.18 302	ePKPdf	03 01 27.8 -0.2
REDW	Snow King Mound 121.21 302	ePKPdf	03 01 28.0 -0.1
SNOW	Long Hollow 121.25 303	ePKPdf	03 01 27.5 -0.6
LOHW	Gabbs 121.27 294	ePKPdf	03 04 49.9 -2.9
LOHW	Hastings Reser 121.29 290	ePKPdf	03 01 28.2 -0.2
HAST	Clover Valley, 121.31 298	ePKPdf	03 01 28.3 0.0
N12A	Malta 121.32 300	ePKPdf	03 01 28.0 -0.3
L14A	Teton Pass 121.32 302	ePKPdf	03 01 27.9 -0.4
TPAW	Elko 121.33 297	ePKPdf	03 04 50.2 -2.7
ELK	Elko 121.33 297	ePKPdf	03 01 28.4 0.0
ELK	Elko 121.33 297	PKIKP	03 01 28.9 +0.5
ELK	comp-Z, 1.3nm, 1.0s	pmax	
ELK	comp-N, 2.0nm, 0.9s	pmax	
ELK	Elko 121.33 297	PKP	03 01 28.9 +0.5
ELK	comp-N, 1.3nm, 1.0s, baz=175, slow=1.5, SNR=2.8	SKP	03 04 51.0
S05C	Merced 121.37 291	ePKPdf	03 01 28.4 -0.2
P09A	Austin 121.39 295	ePKPdf	03 01 28.5 -0.1
RR12	Red Ridge 121.39 302	ePKPdf	03 01 28.6 +0.2
RR12	Moose Ponds 121.42 303	ePKPdf	03 01 27.9 -0.6
MOOW	San Francisco 121.52 292	ePKPdf	03 04 50.2 -2.9
S06C	LASA Array 121.59 308	ePKPdf	03 01 28.0 -0.7
LAO	Cortez Mining, 121.62 296	ePKPdf	03 01 29.4 +0.3
PACP	Pacheco Peak 121.62 296	ePKPdf	03 01 28.8 -0.2
O10A	Indian Meadow 121.63 303	ePKPdf	03 04 52.0 -1.5
IMW	Flagg Ranch, D 121.65 303	ePKPdf	03 01 28.9 0.0
FLWY	Jones Ranch, 121.68 300	ePKPdf	03 01 29.0 0.0
K14A	Wells 121.68 298	ePKPdf	03 01 29.2 +0.1
M12A	Double Diamond 121.71 299	ePKPdf	03 01 29.4 +0.4
R13A	Coleville 121.80 293	ePKPdf	03 01 30.1 +0.8
L06C	Fish Creek Ran 121.88 296	ePKPdf	03 01 29.4 -0.1
009A	Columbia Colle 121.92 292	ePKPdf	03 01 29.4 -0.2
CMB	Columbia Colle 121.92 292	ePKPdf	03 01 29.5 -0.1
N10A	Dunphy 121.95 296	ePKPdf	03 01 29.6 +0.1
P08A	Dixie Valley 121.97 295	ePKPdf	03 01 29.8 +0.1
YFT	Old Faithful 122.00 303	ePKPdf	03 01 30.7 +1.2
S04C	Ingram Canyon, 122.01 291	ePKPdf	03 01 30.0 +0.2
BMN	Battle Mountai 122.09 296	ePKPdf	03 01 29.8 -0.1
M11A	Holland Ranch, 122.12 297	ePKPdf	03 01 30.5 +0.7
BNLO	Ben Lomond (Sa 122.18 290	ePKPdf	03 01 30.3 +0.2
K13A	Stover Farm, H 122.20 300	ePKPdf	03 01 30.2 +0.2
R07C	Kirkwood Meado 122.26 292	ePKPdf	03 01 30.8 +0.6
P05A	Fallon 122.27 294	ePKPdf	03 01 30.9 +0.7
L12A	House Creek Ra 122.28 299	ePKPdf	03 01 30.3 +0.2
WENL	Wente Brothers 122.33 290	ePKPdf	03 01 30.9 +0.5
JRSC	Jasper Ridge 122.42 290	ePKPdf	03 01 30.7 +0.1
GCMT	Greyloch 122.46 305	ePKPdf	03 01 31.1 -0.2
WCNT	Washoe City 122.54 293	ePKPdf	03 01 31.3 +0.5
N09A	Rock Creek Ran 122.56 296	ePKPdf	03 01 31.0 +0.3
QLMT	Earthquake Lak 122.56 303	ePKPdf	03 01 31.2 +0.6
QLMT	L.L. Ranch, Tu 122.56 297	ePKPdf	03 01 30.9 +0.1
M10A	Obninsk 122.57 38	PKIKP	03 01 28.0 -2.3
OBN		e	03 02 00.0
OBN		PS	03 03 08.0 +2.8
OBN		SS	03 02 05.0 +2.3
OBN		MLR	
K12A	Draper Farm, C 122.59 299	ePKPdf	03 01 30.9 +0.2
BDM	Black Diamond 122.63 291	ePKPdf	03 01 31.3 +0.3
LAVA	Lava Cap Winer 122.64 292	ePKPdf	03 01 30.9 -0.1
PAHR	Pat Rah Range 122.65 294	ePKPdf	03 01 31.3 +0.4
L11A	Cat Creek Ranc 122.66 298	ePKPdf	03 01 31.1 +0.2
O07A	Toulon 122.73 294	ePKPdf	03 01 31.6 +0.5
J13A	Cove Ranch, Pi 122.80 300	ePKPdf	03 01 31.2 +0.1
N08A	GE Springer Mi 122.81 295	ePKPdf	03 01 31.5 +0.2
P06A	Stead Airport, 122.89 293	ePKPdf	03 01 31.8 +0.4
L10A	Juniper Basin 122.94 298	ePKPdf	03 01 31.7 +0.2
M09A	Marrel Ranch, 122.95 296	ePKPdf	03 01 31.7 +0.2
P05C	Yuba Gap, Truc 122.98 293	ePKPdf	03 01 32.0 +0.3
Q04C	Lincoln 123.03 292	ePKPdf	03 01 32.3 +0.5
HLID	Hailey 123.04 300	ePKPdf	03 01 31.9 +0.3
HLID	Hailey 123.04 300	ePKPdf	03 01 31.7 +0.1
I13A	Wildhorse Cree 123.16 301	ePKPdf	03 01 31.9 +0.1
Q03C	Winters 123.21 291	ePKPdf	03 01 32.3 +0.2
O06A	Flamigan 123.22 294	ePKPdf	03 01 32.3 +0.3
MCMT	McKenzie Canyo 123.23 302	ePKPdf	03 01 32.2 +0.3
CVCS	Carmeney Viney 123.23 290	ePKPdf	03 01 32.2 0.0
K11A	Parker Ranch, 123.24 298	ePKPdf	03 01 32.0 0.0
BOZ	Bozeman (W) 123.27 303	ePKPdf	03 01 31.9 0.0
BOZ	Bozeman (W) 123.27 303	ePKPdf	03 01 31.8 -0.2
BEKR	Beckowrth 123.27 293	ePKPdf	03 01 32.2 +0.1
G15A	Dillon 123.31 303	ePKPdf	03 01 32.1 +0.1
M08A	Happy Creek Ra 123.43 296	ePKPdf	03 01 33.0 +0.6
N5HM	Saint Helena R 123.44 291	ePKPdf	03 01 33.0 +0.5
OHCM	Honcut 123.46 292	ePKPdf	03 01 32.3 -0.2
L09A	Wilkinson Ranc 123.50 297	ePKPdf	03 01 32.8 +0.3
DLMT	Dillon 123.51 303	ePKPdf	03 01 33.0 +0.6
DLMT	Sutter Butte 123.54 292	ePKPdf	03 04 54.4 -2.7
SUTB	Camas Ranch 123.62 299	ePKPdf	03 01 32.5 -0.2
MFID	McLaughlin Nat 123.62 291	ePKPdf	03 01 33.1 +0.3
MNRC	Quincy 123.63 293	ePKPdf	03 01 32.9 0.0
O05C	Oroville 123.63 292	ePKPdf	03 01 32.4 -0.5
ORV	Buffalo Meadow 123.65 294	ePKPdf	03 01 32.8 -0.1
N06A	MacKenzie Ranc 123.66 298	ePKPdf	03 01 32.9 +0.1

H13A	Challis 123.71 301	ePKPdf	03 01 32.7 -0.2
M07A	Soldier Meadow 123.79 295	ePKPdf	03 01 33.5 +0.4
F15A	Butte 123.81 303	ePKPdf	03 01 33.0 0.0
G14A	Jackson 123.83 302	ePKPdf	03 01 33.1 +0.1
L08A	Fields 123.96 296	ePKPdf	03 01 33.9 +0.5
SFJD	Kangerlussuaq 123.97 349	PKP	03 01 32.3 -0.3
SFJD	Kangerlussuaq 123.97 349	PKP	03 01 32.3 -0.3
O04C	Chester 123.98 293	ePKPdf	03 01 33.5 0.0
H12A	Diamond D Ranc 123.98 301	ePKPdf	03 01 33.3 0.0
ELFS	Likely Lake Fie 124.02 293	ePKPdf	03 01 33.8 +0.2
K09A	Rome 124.03 297	ePKPdf	03 01 33.9 +0.4
I11A	Placeville 124.05 299	ePKPdf	03 01 33.3 -0.2
G13A	Cobalt 124.09 301	ePKPdf	03 01 33.2 -0.3
J10A	Berg Farm, Mel 124.09 298	ePKPdf	03 01 33.1 -0.5
EGMT	Eagleton 124.17 307	eSKPdf	03 04 56.3 -1.9
F14A	Wisdom 124.21 303	ePKPdf	03 01 33.7 0.0
O03C	Accorn Hollow, 124.23 292	ePKPdf	03 01 33.4 -0.6
W03R	Wild Horse Val 124.29 296	eSKPdf	03 04 57.2 -1.4
E15A	Deer Lodge 124.32 303	ePKPdf	03 01 33.5 -0.4
G06B	Likely Place G 124.32 294	ePKPdf	03 01 34.4 +0.3
MASB	Alder Springs 124.34 291	ePKPdf	03 01 35.1 +0.9
L07A	Adell 124.34 296	ePKPdf	03 01 34.9 +0.8
K02A	Koldanda 124.37 91	ePKPdf	03 01 33.4 -1.3
K08A	Mann Creek Ran 124.43 297	ePKPdf	03 01 34.6 +0.3
J09A	Fry Pan Ranch, 124.52 298	ePKPdf	03 01 34.6 +0.2
P01C	Double 8 Ranch 124.53 291	ePKPdf	03 01 35.0 +0.5
HATC	Hat Creek Radi 124.54 293	ePKPdf	03 01 34.8 +0.2
I10A	Payette 124.59 299	ePKPdf	03 01 34.7 +0.2
F13A	Darby 124.65 302	ePKPdf	03 01 34.0 -0.6
H11A	Donnelly 124.66 300	ePKPdf	03 01 34.4 -0.3
E14A	Clinton 124.71 303	ePKPdf	03 01 34.4 -0.3
D15A	Lincoln 124.71 304	ePKPdf	03 01 34.4 -0.2
MOD	Modoc 124.74 295	ePKPdf	03 01 35.1 +0.2
MOD	Modoc 124.74 295	ePKPdf	03 02 03.5 -2.1
MOD	Modoc 124.74 295	ePKPdf	03 01 34.8 -0.1
O02C	Red Bluff 124.76 292	ePKPdf	03 01 35.7 +0.7
M05C	Lookout 124.78 294	ePKPdf	03 01 35.1 +0.1
K07A	Rock Creek Ran 124.78 296	ePKPdf	03 01 35.1 +0.2
LTIM	Timbered Crate 124.82 293	ePKPdf	03 01 35.5 +0.4
J08A	Circle Bar Ran 124.89 297	ePKPdf	03 01 35.2 0.0
DANN	Dangsing 124.90 90	ePKPdf	03 01 34.7 -1.0
WDC	Whiskeytown Da 124.92 292	ePKPdf	03 01 35.0 -0.3
WDC	Whiskeytown Da 124.92 292	ePKPdf	03 04 58.7 -1.2
WDC	Whiskeytown Da 124.92 292	ePKPdf	03 01 34.6 -0.7
H10A	Neos Angus R 124.93 299	ePKPdf	03 01 34.6 -0.6
CHMT	Chamberlain Mo 124.96 303	ePKPdf	03 01 34.8 -0.3
CHMT	Chamberlain Mo 124.96 303	ePKPdf	03 04 58.2 -1.5
I09A	Lost Marbles R 124.97 298	ePKPdf	03 01 34.9 -0.4
E13A	Victor 125.06 303	ePKPdf	03 01 35.0 -0.3
F12A	Elk City 125.06 301	ePKPdf	03 01 34.4 -1.0
L05A	Lakeview 125.12 295	ePKPdf	03 01 36.3 +0.7
KAF	Kangasniemi 125.19 28	ePKPdf	03 01 33.7 -1.4
D14A	Greengrow 125.20 303	ePKPdf	03 01 34.9 -0.7
M03C	McCloud 125.22 293	ePKPdf	03 01 35.6 -0.3
M50	Missoula 125.22 303	ePKPdf	03 01 35.2 -0.4
MSO	Phulchoki 125.22 92	ePKPdf	03 02 06.1 -0.2
MSO	Phulchoki 125.22 92	ePKPdf	03 02 17.3
MSO	Phulchoki 125.22 92	ePKPdf	03 04 57.8 -2.4
PKIN	Phulchoki 125.22 92	ePKPdf	03 01 34.9 -1.4
PKI	Pulchoki 125.23 92	ePKPdf	03 01 35.2 -1.1
G11A	Walters Elk Ra 125.29 300	ePKPdf	03 01 35.5 -0.4
J07A	Hanes 125.31 297	ePKPdf	03 01 35.9 -0.1
KKN	Kikini 125.32 92	ePKPdf	03 01 35.9 -0.6
CMAR	Chiang Mai Arr 125.33 111	PKP	03 01 36.2 -0.5
CMAR	Chiang Mai Arr 125.33 111	PKP	03 02 07.0 -0.4
CMAR	Chiang Mai Arr 125.33 111	PKP	03 01 36.3 -0.5
CMAR	Chiang Mai Arr 125.33 111	PKP	03 02 07.1
CMAR	Chiang Mai Arr 125.33 111	PKP	03 01 36.2 -0.5
CMAR	comp-Z, 1.2nm, 0.8s, baz=233, slow=3.8, SNR=3.5	ePKPdf	03 02 07.0 -0.4
CMAR	comp-Z, 5.4nm, 0.8s, baz=236, slow=3.7, SNR=5.0	SKP	03 04 60.0
CMAR	comp-Z, 1.8nm, 0.3s, baz=228, slow=3.8, SNR=5.0	ePKPdf	03 01 35.5 -0.5
I08A	Drewsey 125.33 298	ePKPdf	03 01 36.3 +0.2
K06A	Valley Falls 125.37 296	ePKPdf	03 01 36.3 +0.2
BMO	Blue Mountains 125.40 299	ePKPdf	03 01 35.2 -0.9
RAMN	Ramite 125.41 94	ePKPdf	03 01 36.1 -0.6
H09A	Durkee 125.44 299	ePKPdf	03 01 35.5 -0.6
M04C	Loebel 125.44 294	ePKPdf	03 01 36.3 0.0
N02C	Big Bar 125.50 292	ePKPdf	03 01 36.3 0.0
F11A	Grangeville 125.59 301	ePKPdf	03 01 35.1 -1.3
G10A	Bishop Farm, J 125.63 300	ePKPdf	03 01 36.1 -0.3
K05A	Summer Lake 125.64 295	ePKPdf	03 01 36.9 +0.3
J06A	Christmas Vall 125.65 296	ePKPdf	03 01 36.5 -0.1
D13A	Huson 125.66 303	ePKPdf	03 01 35.5 -0.9
M02C	Callahan 125.68 293	ePKPdf	03 01 36.7 0.0
JIRN	Jiri 125.73 93	ePKPdf	03 01 36.6 -0.7
L04A	Klamath Falls 125.75 294	ePKPdf	03 01 36.6 -0.2
GUN	Gumba 125.75 92	ePKPdf	03 01 36.9 -0.4
ODAN	Odare 125.78 94	ePKPdf	03 01 36.8 -0.6
C14A	Swan Lake 125.81 304	ePKPdf	03 01 35.7 -1.1
H08A	Prairie City 125.83 298	ePKPdf	03 01 36.6 -0.3
YBH	Yreka Blue Hor 125.85 293	ePKPdf	03 01 36.5 -0.5
YBH	Yreka Blue Hor 125.85 293	ePKPdf	03 01 36.3 -0.7
YBH	Yreka Blue Hor 125.85 293	PKP	03 01 36.7 -0.4

I07A	Izee 125.92 297	ePKPdf	03 01 37.3 +0.2
E11A	Bogner Ranch, 125.95 301	ePKPdf	03 01 35.6 -1.5
K04A	Chicoquin 125.99 294	ePKPdf	03 01 36.8 -0.5
D12A	Red Ives Fores 126.05 302	ePKPdf	03 01 35.9 -1.3
C13A	Hot Springs, E 126.12 303	ePKPdf	03 01 36.3 -1.1
F10A	Beach Ranch, E 126.17 300	ePKPdf	

3Dm 2h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Edmonton, Almayashu, Toit Reservoir, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LZH, GTA, Gaotai, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KRSR, MAJO, MAJJO, etc.

31d 5h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like MMB Musoniste, LKD Levkas, ULC Ucinj, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LPAZ La Paz, NNA Nana, LVC Limon Verde, etc.

NEIC 31 03:52:25.1, 6125N-139.19W, h1km, ML2.7(PGC), ML2.6(AEIC), After PGC.

PGC 31 03:52:25.1-0.7, 6125N-139.19W, h1km, ML2.7/5, 2D, 105km Wnw of Haines Jct., Yt Southern Yukon Territory, Canada, Southern Yukon Territory

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like HHT Haines Junctio, HNT Haines Junctio, BNL Peninsula, etc.

IDC 31 04:06:07.4-0.8, 1930N-95.51E, h0km, mb4.1/11, mb1.4, 1/12, mb1mx4.0/23, mbtmp3.2/7, Error ellipse: s-maj=29.9km s-min=15.1km az=39.0

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ISCJB 31 04:06:10.5-0.5, 1939N-95.60E-007, h3km, mb4.1/13, Error ellipse: s-maj=15.6km s-min=4.8km az=36.7

Bull 31 04:06:10.7, 1956N-95.04E, h10km, mb4.7, mb4.0, Ms4.2, Ms3.7

ISC 31 04:06:08.8-1.2, 1943N-009.9571E-007, h3km, mb4.1/13, 2C, Myanmar c111/59, mb4.1/13, 2C, Myanmar

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CHTO Chiang Mai, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

NEIC 31 04:37:10.5, 1537N-93.39W, h70km, MD4.0(MEX), After MEX.

MEX 31 04:37:10.3-0.6, 1536N-93.41W, h69km, 20km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like THIG THIG, TGIG TGIG, CGIC Comitan, etc.

KRSC 31 04:50:41.9-0.2, 5617N-163.83E, h5km, 5km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KBTR Krutoberegovo, SMKR Semkarok, BDR Baidarnaya, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KRSR Krestovskiy, BZMR Bezmyannaya, KIRR Kirishev, etc.

ATH 31 04:55:33.2, 3939N-205.4E, h5km, MD3.2/4, NEIC 31 04:55:33.2, 3939N-205.4E, h5km, MD3.2(ATH), After ATH.

ISCJB 31 04:55:34.5-0.7, 3929N-002-2021E-006, h6km, 7km, Error ellipse: s-maj=7.8km s-min=4.1km az=179.7

THE 31 04:55:34.9, 3930N-201.9E, h1km, ML2.8, CSEM 31 04:55:35.4-0.1, 3932N-202.1E, h2km, ML2.8, Error ellipse: s-maj=2.8km s-min=1.6km az=86.0

ISC 31 04:55:34.5-0.9, 3931N-003-201E-007, h14km, 6km, n14, c059/25, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like IGT Igoumenitsa, KEK Kerkira, KEK Kerkira, etc.

TRN 31 04:58:41.8, 1853N-63.36W, h2km, MD3.8, ISCJB 31 04:58:43.2-1.3, 1859N-009.6334W-005, h31km, 20km, Error ellipse: s-maj=16.4km s-min=4.3km az=27.6

NEIC 31 04:58:45.0, 1860N-63.31W, h2km, MD3.8(RSPR), MD3.8(TRN), After RSPR.

RSPR 31 04:58:45.0, 1860N-63.31W, h29km, 8km, MD3.8/12, MD3.8/12

ISC 31 04:58:43.8-1.2, 1858N-009.6334W-005, h26km, 7km, n21, c051/30, 15C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like STMA St. Maarten, A, ABV Anegada, ABS St. Eustatius, etc.

NEIC 31 05:05:07.7, 3301S-72.25W, h36km, MD3.8(GUC), After GUC.

GUC 31 05:05:07.7-1.0, 3301S-72.25W, h36km, 20km, MD3.8, ML3.3, 9C-16D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like IHA Instituto Hidr, IHA Longovilo, LNV Talagante, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like DPC Dobruska-Polom, KOLL Kolacno, VYHNS Vyhne, etc.

IDC 31 09:48:15.0.0.8, 5356N, 169.79E, h0km, mb3.9/11, mb1.4/112, mb1mx3.9/26, mbtmp3.9/12, ML4.0/1, MS2.6/1, Ms1.2/6.1, ms1mx2.4/3.3, Error ellipse: s-maj=28.7km s-min=17.2km az=157.0

NEIC 31 09:48:16.0.5, 5363N, 169.68E, h10km, mb4.0/7, ML3.9(AEIC), Error ellipse: s-maj=10.9km s-min=8.7km az=183.0

ISCJB 31 09:48:17.2.2.9, 5360N, 009.16972E, 0.09, h26km, 22km, mb3.9/18, Error ellipse: s-maj=15.9km s-min=8.0km az=13.5

ISC 31 09:48:18.4.3.0, 5358N, 009.16972E, 0.07, h22km, 22km, n36, 0592/39, mb3.9/18, Komandorski Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like FX1 Attu Island-F, SMY Shemya, PETK Petropavlovsk, etc.

NEIC 31 09:48:39.0, 16.11N-98.16W, h4km, MD3.9(MEX), After MEX.

MEX 31 09:48:38.9.0.8, 16.10N-98.13W, h4km, 8km, MD3.8, Near coast of Guerrero

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

ISCJB 31 09:51:11.7.0.6, 4702N, 009.1560E, 0.1, h10km, mb3.9/15, Error ellipse: s-maj=14.3km s-min=10.3km az=139.0

IDC 31 09:51:12.0.0.8, 4686N, 155.99E, h0km, mb3.9/14,

mb1.4/0.15, mb1mx3.9/26, mbtmp3.9/15, ML3.7/1, Error ellipse: s-maj=23.1km s-min=16.4km az=160.0

NEIC 31 09:51:13.5.0.7, 4695N, 155.92E, h10km, mb4.5/1, Error ellipse: s-maj=17.3km s-min=13.6km az=158.0

MOS 31 09:51:15.9.1.4, 4685N, 155.92E, h43km, mb4.2/2, Error ellipse: s-maj=26.0km s-min=19.0km az=106.3

ISC 31 09:51:13.6.0.6, 4700N, 009.1590E, 0.1, h10km, n39, 0121/37, mb3.9/15, East of Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, KSR Korea Array, etc.

NEIC 31 09:58:57.9.0.6, 0.71N-97.85E, h30km, mb4.0/1, Error ellipse: s-maj=19.6km s-min=9.2km az=65.0

ISCJB 31 09:58:58.1.5.1, 0.8N, 02.979E, 0.3, h48km, 37km, mb3.9/10, Error ellipse: s-maj=64.9km s-min=13.9km az=146.7

IDC 31 09:59:01.8.5.2, 0.84N-98.06E, h58km, 42km, mb3.7/9, mb1.3/11, mb1mx3.6/24, mbtmp3.6/11, ML4.5/1, Error ellipse: s-maj=52.2km s-min=15.5km az=69.0

ISC 31 09:59:59.0.5.2, 0.8N, 02.979E, 0.3, h38km, 39km, n26, 0552/24, mb3.9/10, Northern Sumatra

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai, etc.

IDC 31 09:59:47.9.1.1, 2323N-14186E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.8/20, mbtmp3.8/7, Error ellipse: s-maj=37.6km s-min=26.7km az=87.0, Volcano Islands region

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

MOS 31 10:16:18.7.1.7, 5296N, 160.39E, h48km, mb4.0/5, Error ellipse: s-maj=23.1km s-min=14.8km az=70.1

ISCJB 31 10:16:21.6.0.4, 5319N, 004.15987E, 0.07, h76km, 4km, mb3.6/6, Error ellipse: s-maj=8.9km s-min=3.8km az=37.6

KRSC 31 10:16:22.4.0.4, 5327N, 159.83E, h88km, 28km, ML3.8

IDC 31 10:16:24.1.2, 5345N, 159.32E, h99km, 11km, mb3.4/6, mb1.3/7.7, mb1mx3.4/23, mbtmp3.4/7, Error ellipse: s-maj=36.1km s-min=18.2km az=145.0

ISC 31 10:16:22.7.0.4, 5320N, 004.15985E, 0.07, h71km, 4km, n48, 093/60, mb3.6/6, 1C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, NLN Naitychvo, etc.

IDC 31 10:33:45.2.1.1, 3746S-5116E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.7/21, mbtmp3.7/5, MS3.6/6, Ms1.3/6.6, ms1mx3.3/29, Error ellipse: s-maj=35.0km s-min=29.7km az=179.0, South Indian Ocean

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, LBTB Lobatse, etc.

IDC 31 10:33:57.5.4.4, 1526S-16566E, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.6/18, mbtmp3.7/4, Error ellipse: s-maj=76.0km s-min=105.6km az=69.0, Vanuatu islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

CSEM 31 11:04:19.1.0.1, 2828N, 57.44E, h10km, ML3.5, Error ellipse: s-maj=5.8km s-min=2.8km az=153.0

THR 31 11:04:19.6.0.5, 2783N, 57.76E, h14km, 8km, ML3.6

ISCJB 31 11:04:20.0.1.1, 2840N, 007.5727E, 0.06, h10km, Error ellipse: s-maj=10.1km s-min=7.8km az=158.4

KISR 31 11:04:21.3.2, 28.7N, 56.95E, h7km, ML3.5

ISC 31 11:04:19.9.1.2, 27.83N, 007.5758E, 0.09, h10km, n13, 0180/25, Southern Iran

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, etc.

31d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, KRBR Kerman, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CBIJ Chichi jima, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRFI Mount Harif, EIL Elat, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUR Sutherland, BOSA Boshof, and others.

2007 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBTT, MAW Mawson, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, and others.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WRAB Tennant Creek, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, EVR Evrytania, and others.

1106

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LKR Lokris, LKR Anninata, and others.

DDA 31 12:12:01.0, 3813N-2674E, h6km, 4km, MD3.0
ATH 31 12:12:00.8, 3812N-2673E, h29km, 10km, MD3.4/5
NEIC 31 12:12:00.0, 3812N-2689E, h5km, MD3.4(I)SK, MD3.4(ATH), After ISK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URLA Izmir, BLCB Balçova, and others.

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

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

NIED 31 12:58:00, 2820N-13930E, h540km, Mw5.3 Best double couple: M8:55000x1016 NP1:288.00000, 283.00000, 2-63.00000, NP2:31.00000, 288.00000,
ISCJB 31 12:58:26.0, 2822N-13900E-002, h509km, mb5.2/261, Error ellipse: s-maj=2.3km s-min=1.7km 1z=156.8

JMA 31 12:58:28.4, 0.2824N-13930E, h532km, 4km, M5.6 Broadband fault plane solution: P waves. NP1: 0.130.00000, 288.00000, 2.63.00000. Principal axes: T P1:43.00000, Azm:13.00000, N P1:27.00000, Azm:132.00000, P P1:25.00000, Azm:243.00000.

M00.0.66±.05; M00.0.47±.06; M10.1.11±.06; M00.19±.05; M00.0.85±.06; Best double couple; M01.52400x1017 N1P1±42.00000°,±823.00000°,±172.00000°. NP2: 0±304.00000°,±87.00000°,±1-67.00000°. Principal axes: T 1.4870, Plg38.0000°, Azm14.0000°; P -1.5620, Plg44.0000°, Azm237.0000°; nsta1 refers to body waves, cutoff=40s. DJA 31 12:58:34, 28.11N:138.92E, h577km, mb5.7/40 SZGRF 31 12:58:35, 6.2938N:139.82E, h554km, mb5.3, Southeast of Honshu, Japan

ISC 31 12:58:29.7±0.1, 2824N, 002.13902E, 002, h511km, hst11km, 2.5km; P, P, n1062, ±0.986/1102, mb5.2/261, 164C-131D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and ISC. Lists various seismic stations and their recorded data.

1109

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like AKTO Aktyubinsk, SKAG Skagway, NWAO Narrogin (SRO), etc.

2007 JUL

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GNW Green Mountain, MBW Mount Baker, CMW Cullus Mountain, etc.

31d 12h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like M02C Callahan, EDM Edmonton, VIFM Ingram Point, etc.

31d 12h

2007 JUL

1110

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like Quincy, Blue Mountains, BMO, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like Parker Ranch, Wisdom, L10A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like ISA, Isabella, ARVO, etc.

31d 15h

Table of station data for 31d 15h, including columns for station name, frequency, power, and other technical details.

2007 JUL

Main table of station data for 2007 JUL, listing various stations like SNAEA, SNAAS, SNAAG, etc., with their respective frequencies and parameters.

1120

Table of station data for 1120, including stations like FITZ, WRA, ASAR, SONM, etc., with their frequencies and technical specifications.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like THL, GRG, SOH, PAIG, etc.

KRSC 31 15:56:45.2±0.8,5365N.16070E,h39km,38km,ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SPN, KIL, NLC, MKZ, etc.

ISJCJB 31 16:19:24.6±1.2,636S.007-1306E.02,h153km,16km, mb3.9/2, Error ellipse: s-maj=26.5km s-min=9.5km az=168.2

IDC 31 16:19:24.1±1.0,640S,13019E,h117km,100km,mb3.8/2, mb1 3.7/5, mb1mx3.7/1m, mbmtmp3.6/5, ML3.5/3, Error ellipse: s-maj=78.1km s-min=32.7km az=51.0

NEIC 31 16:19:25.2±0.5,626S,13055E,h133km,25km, Error ellipse: s-maj=38.9km s-min=13.9km az=60.0

ISC 31 16:19:25.2±1.3,634S.008-1306E.02,h134km,18km,n16, a092/22,mb3.9/2,1D,Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TLE, KAKA, FITZ, etc.

ISJCJB 31 16:24:04.6±0.4,3925N.002-2809E.004,h4km,7km, Error ellipse: s-maj=5.0km s-min=3.5km az=165.6

CSEM 31 16:24:04.3±0.1,3926N.2806E,h8km,MD2.7, Error ellipse: s-maj=2.7km s-min=1.8km az=85.0

DDA 31 16:24:04.6,3928N.2811E,h6km,4km,MD2.6

ISC 31 16:24:04.2,3924N.2807E,h5km,MD2.7

ISC 31 16:24:05.2±0.4,3926N.002-2806E.004,h12km,6km,n17, a078/23,Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BALB, AKHS, AKS, etc.

ESKT i/s Sg 16 25 16.6 ±1.5

NEIC 31 16:31:07.5,3843S,17588E,h165km,4(WELL),After WEL

WEL 31 16:31:07.5±0.3,3843S,17588E,h165km,2km,ML4.4/18, Error ellipse: s-maj=1.4km s-min=1.1km az=90.0,North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WHZT, WATZ, WATZ, etc.

Code Station Name Az Az2 Phase ID Time Res

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WHZT, WATZ, WATZ, etc.

MOS 31 16:40:51.3±0.8,5157N.1617E,h10km,mb0.4/1, Error ellipse: s-maj=6.9km s-min=4.1km az=90.8

ISJCJB 31 16:40:51.4±0.3,5140N.002-1615E.002,h0km,mb3.6/7, Error ellipse: s-maj=2.3km s-min=1.7km az=2.6

IPEC 31 16:40:51.6±0.3,5156N.1625E,h0km,ML3.0/4, Error ellipse: s-maj=1.9km s-min=1.5km az=41.0

BGR 31 16:40:52.0±0.4,5151N.1623E,h1km,ML3.5, Error ellipse: s-maj=5.6km s-min=2.2km az=21.0

NEIC 31 16:40:52.7±0.2,5151N.1616E,h5km,ML3.5(SZGRF), ML3.1(BRA), Error ellipse: s-maj=3.6km s-min=3.0km az=198.0

STR 31 16:40:53.0±0.5,5146N.1604E,h5km,ML3.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

IDC 31 16:40:53.0±0.5,5147N.1607E,h0km,mb3.6/7, mb1 3.8/14, mb1mx3.7/2m, mbmtmp3.6/14, ML3.6/7, MS3.0/1, Ms1 3.0/1, ms1mx2.5/38, Error ellipse: s-maj=10.3km s-min=6.5km az=104.0

PRU 31 16:40:53.6±0.5,5146N.1615E,h0km,Felt In Harrochov WAR 31 16:40:54.0,5147N.1614E,ML3.2,Mining Induced

VIE 31 16:40:54.9±0.3,5128N.1610E,h0km,mb3.0/8,ML3.4/9, Ms3.5/1, Error ellipse: s-maj=1.9km s-min=1.4km az=8.0

67 km WNW of Wrocław Suspected Mining Induced CSEM 31 16:40:54.4±0.1,5145N.1616E,h7km,ML4.4/16,Ms3.5, Error ellipse: s-maj=1.6km s-min=1.0km az=1.6

ISC 31 16:40:52.3±0.2,5149N.002-1617E.002,h0km,n138, a093/22,mb3.6/7,11C-22D,Poland

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

31d 16h

Table with columns: MODS, Station Name, Frequency, Band, and other technical details. Includes stations like KOLACNO, BRATISLAVA, NIEDZICA, VYHNE, CONRAD OBSERVA, etc.

2007 JUL

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes stations like SONM SONGINO ARRAY, YKA YELLOWKNIFE ARR, PDAR PINEDALE ARRAY, etc.

1122

Table with columns: Station Name, Frequency, Band, and other technical details. Includes stations like KSRS KOREA ARRAY, KSRS KOREA ARRAY, TORD TORODI ARR, etc.

31d 19h

ASAR Alice Springs 51.15 172 P P 19 07 51.3 +2.0

ISCJB 31 19:13:29.6; 1.4, 212S; 0.1; 1792W; 0.1, h600km, 19km, mb3.8/17, Error ellipse: s-maj=18.1km s-min=13.4km

az=145.4
IDC 31 19:13:30.5; 1.8, 2119S; 1791.1W, h597km, 22km, mb3.2/12, mb1 3.5/14, mb1mx3.4/20, mbtmp3.3/14, Error ellipse: s-maj=18.3km s-min=13.8km az=149.0

NEIC 31 19:13:30.6; 1.3, 2119S; 1791.4W, h602km, 18km, mb4.2/9, Error ellipse: s-maj=17.8km s-min=12.7km az=154.0

ISC 31 19:13:30.3; 1.4, 212S; 0.1; 1792W; 0.1, h592km, 18km, n35, o594/32, mb3.8/17, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like AFi Afiamalu, URZ Urewera, CTA Charters Tower, etc.

IDC 31 19:20:02.1; 1.4, 2298S; 171.32E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.8/16, mbtmp3.7/5, MS3.3/1, Ms1 3.3/1, ms1mx2.8/35, Error ellipse: s-maj=78.0km s-min=28.5km az=163.0

NEIC 31 19:20:03.0; 2.9, 2310S; 171.35E, h10km, Error ellipse: s-maj=51.1km s-min=16.5km az=173.0

ISCJB 31 19:20:06.1; 1.1, 229S; 0.4; 171.1E; 0.1, h33km, mb3.7/5, Error ellipse: s-maj=52.1km s-min=13.1km az=44.0

ISC 31 19:20:07.9; 1.1, 229S; 0.4; 171.2E; 0.1, h31km, n48, n17, o865/13, mb3.7/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like DZM Mont Dzumac, AFI Afiamalu, ASAR Alice Springs, etc.

ISCJB 31 19:21:55.1; 1.4, 205S; 0.7; 1793W; 0.1, h600km, mb3.5/7, Error ellipse: s-maj=101.5km s-min=17.1km az=157.2

IDC 31 19:22:00.9; 4.9, 2045S; 1793.4W, h664km, 57km, mb2.8/7, mb1 3.1/7, mb1mx2.9/18, mbtmp2.8/7, Error ellipse: s-maj=96.9km s-min=29.0km az=157.0

NEIC 31 19:22:02.2; 3.4, 2049S; 1794.0W, h684km, 42km, mb4.4/1, Error ellipse: s-maj=86.9km s-min=27.1km az=159.0

ISC 31 19:21:56.2; 1.4, 205S; 0.7; 1792W; 0.3, h600km, n25, o514/15, mb3.5/7, Fiji Islands region

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

2007 JUL

BVAR Borovoye Array 118.38 320 PKP PKPdf 19 39 34.4 -1.7

BVAR Borovoye Array 118.38 320 PKP PKPdf 19 39 34.4 -1.7

ARCES ARCESS Array B 128.74 349 PKP PKPdf 19 39 53.4 -2.2

ARCES ARCESS Array B 128.74 349 PKP PKPdf 19 39 53.4 -2.2

HFS Hagfors 139.38 350 PKP 19 40 08.3

HFS Hagfors 139.38 350 PKhKP 19 40 08.3

AKASG Malin Array Bea 142.48 338 PKP PKPdf 19 40 17.5 -4.0

AKASG Malin Array Bea 142.48 338 PKP PKPdf 19 40 17.5 -4.0

GERES GERES Array B 149.91 343 PKPbc PKPbc 19 40 38.1 -1.4

GERES GERES Array B 149.91 343 PKPbc PKPbc 19 40 38.1 -1.4

ISCJB 31 19:38:03.4; 2.0, 139S; 0.1; 170.4E; 0.1, h646km, 25km, mb3.9/20, Error ellipse: s-maj=23.0km s-min=15.1km az=137.5

IDC 31 19:38:04.1; 2.2, 139S; 0.1; 170.4E, h638km, 27km, mb3.4/20, mb1 3.6/21, mb1mx3.6/23, mbtmp3.5/21, Error ellipse: s-maj=18.8km s-min=12.3km az=135.0

LDG 31 19:38:11.9; 0.2, 139S; 0.7; 170.5E, h754km, Mb4.4/1, Ms4.5/6, Error ellipse: s-maj=18.4km s-min=2.6km az=104.0

ISC 31 19:38:03.0; 2.0, 139S; 0.1; 170.5E; 0.1, h621km, 23km, n53, o565/21, mb3.9/18, 2C, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HNR Honiara, CTA Charters Tower, STKA Stephens Creek, etc.

DZM Mont Dzumac 9.00 205 eP P 19 40 44.4 +1.2

DZM Mont Dzumac 9.00 205 eP P 19 40 43.5 +0.3

DZM Honiara 11.26 292 eP P 19 41 04.8 -0.2

HNR Honiara 11.26 292 eP P 19 41 04.8 -0.2

HNR Honiara 11.26 292 eP P 19 41 04.8 -0.2

RAO Raos Island 18.66 147 P P 19 42 15.6 +1.7

RAO Raos Island 18.66 147 P P 19 42 15.6 +1.7

PMG Port Moresby 23.30 279 eP P 19 42 56.4 +0.8

PMG Port Moresby 23.30 279 eP P 19 42 56.4 +0.8

ARMA Armadale 23.94 224 eP P 19 43 01.8 +0.8

CTA Charters Tower 23.99 252 P P 19 43 02.2 +0.6

CTA Charters Tower 23.99 252 P P 19 43 02.2 +0.6

CTA Charters Tower 23.99 252 eP P 19 43 01.7 +0.1

URZ Urewera 24.96 168 P P 19 43 08.9 -1.0

URZ Urewera 24.96 168 P P 19 43 08.9 -1.0

SNZO South Oar 27.55 173 eP P 19 43 30.7 -1.8

SNZO South Oar 27.55 173 eP P 19 43 30.7 -1.8

RPZ Rata Peaks 27.92 179 P P 19 43 50.2 -0.9

RPZ Rata Peaks 27.92 179 P P 19 43 50.2 -0.9

STKA Stephens Creek 31.94 231 eP P 19 44 11.4 +1.1

STKA Stephens Creek 31.94 231 eP P 19 44 11.4 +1.1

STKA Stephens Creek 31.94 231 P P 19 44 11.4 +1.1

TOO Tonnent Creek 35.07 255 i/P P 19 44 15.1 +0.9

TOO Tonnent Creek 35.07 255 i/P P 19 44 15.1 +0.9

WB2 Warramunga Arr 35.07 255 i/P P 19 44 35.9 -0.6

WRAB Tennant Creek 35.07 255 eP P 19 44 35.9 -1.2

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

WRA Warramunga Arr 35.08 255 P P 19 44 36.1 +0.5

31d 21h

2007 JUL

1126

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 31 20:57:21.5:1.9, 548S:13136E, h0km, mb3.9/2, mb1 4.0/5, mb1mx3.7/15, mbmp3.8/5, ML3.8/3, Error ellipse: s-maj=91.2km s-min=26.1km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TLE Tual, KAKA Kakadu, BATI Baumata, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CTAO Charters Tower, STKA Stephen Creek, MKAR Makanchi Array.

ISCJB 31 21:09:19.1:0.3, 300S:004:3627E:006, h10km, mb4.5/6, MS4.0/24, Error ellipse: s-maj=9.1km s-min=5.7km az=16.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KMBO Kilima Mbogo, FURI Furi, LSZ Lusaka, MOPANI Mopani, SLR Silvertown, LBTA Lobatse, TSM Tsumeb, SUR Sutherland, TOAO Torodi Arr, TORD Torodi Arr.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TORD Torodi Arr, MALT Malatya, DBIC Dimbokro, KEF Kesra, PGGI Pioggia, PSZ Piszkesteto, SOKA Soboth, KECS Kecovo, CART Cartagena, ARSA Arzberg, CRVS Cervenica-Dubn, VYHS Vyhne, AKASO Malin Array Be, MOA Molin, MBDF Montbardon, BNI Bardonecchia, DAVOX Davos/Dischmat, ORIF Oris-en-Rattie, OKC Ostrava-Krasno, LPL La Plagne, MORC Moravsky Rezer, TREC Trest, LASF Ste Croix, GECZ Geres Array S, GERES Geres Array B, VIVF Saint-Julien-1, MTLF Montlieux, KHC Kasperse Hory, WETZ Wetzeltz, DPC Dobruska-Polom, PRU Pruhonice, UPC Ujice, CABC La Chapelle, ESDC Sonseca Array, ROTZ Rotzenhutte, CAF Calvia, BFO Black Forest, EKS2 Erkin-Say, GRA1 Grafenberg Arr, GRF Grafenberg Arr, HNC Hinterfaller, NKNC Novy Kostel, TANN Tannenbergrtha, CDF Champ du Feu, SMF Signal de Mont, RJF Les Rejaudoux, AVF Avril sur Loir, MOX Moxa, BOG Bois d'Angland, TCF Toulx Ste Croi, SSF Saint Saulege, LOR Lormes, LOR Lormes, CLL Collin, CLL Collin.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CLL Collin, TKMK Tokmak 2, SUW Suwalki, UBBA Unterbreizbach, TNS Taurus Mts, CLZ Claustra, MFF Saint Martin d, ARU Arti, MKAR Makanchi Array, KURK Kurchatov, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, HFS Hagfors, WMO Urumqi, SYO Syowa Base, NOA NORARS Array B, NOA NORARS Array B, MAW Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KMI Kunming, KMI Kunming, GAT Gaotai, CD2 Chengdu, ARCES ARCES Array B, LZH Lanzhou, LZH Lanzhou, BORG Borgas, HHC Hu-ho-hao-te, PVCC Pansha Ves, ROTZ Rotzenhutte, CAF Calvia, BFO Black Forest, EKS2 Erkin-Say, GRA1 Grafenberg Arr, GRF Grafenberg Arr, HNC Hinterfaller, NKNC Novy Kostel, TANN Tannenbergrtha, CDF Champ du Feu, SMF Signal de Mont, RJF Les Rejaudoux, AVF Avril sur Loir, MOX Moxa, BOG Bois d'Angland, TCF Toulx Ste Croi, SSF Saint Saulege, LOR Lormes, LOR Lormes, CLL Collin, CLL Collin.

Table with columns: VLS, Valsamata, 1.18 164 ePg, Pg, 21 16 16.8 -0.9, etc.

DDA 31 21:27:41.3, 4000N-3995E, h7km, 4km, MD2.8
ISCJB 31 21:27:42.0, 9, 4002N-005.4, 02E-005, h33km, 8km,
Error ellipse: s-maj=8.9km s-min=4.6km az=33.5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 31 21:28:44.7, 1.3, 346N, 0.1, 241E, 02, h10km, mb3.5/3,
Error ellipse: s-maj=22.7km s-min=16.2km az=38.3,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

TIR 31 21:32:01.9, 0.3, 394N, 1998E, h20km, 3km
ISCJB 31 21:32:02.0, 0.8, 3928N, 02.2, 2011E, 006, h10km, Error
ellipse: s-maj=6.8km s-min=3.3km az=7.4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ATH 31 21:32:04.0, 3927N-2023E, h23km, 2km, MD3.4/6
ISCJB 31 21:32:00.7, 1.0, 3931N-002.1998E-007, h5km, 5km, n18,
e=1502/34, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ATH 31 21:34:19.8, 3798N-2601E, h10km, MD3.1/3
ISCJB 31 21:34:20.8, 0.7, 3794N-005.2605E-009, h33km, 10km,
Error ellipse: s-maj=12.3km s-min=7.7km az=10.1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

TIR 31 21:41:13.5, 1.4, 3929N-2023E, h20km, 15km
CSEM 31 21:41:13.7, 0.4, 3930N-2012E, h2km, ML3.1, Error
ellipse: s-maj=7.6km s-min=3.0km az=98.0,

THE 31 21:41:14.8, 3928N-2020E, h2km, ML3.1
NEIC 31 21:41:15.1, 3923N-2029E, h14km, MD3.4(ATH),
ML3.1(TH), After ATH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ATH 31 21:41:15.1, 3923N-2029E, h14km, 6km, MD3.4/5
ISC 31 21:41:14.6, 0.6, 3929N-002.2019E-005, h5km, 4km, n29,
e=1152/53, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 31 21:45:43.5, 6.2, 3942N, 11090E, h0km, mb3.3/2,
mb1 3.6/3, mb1mx3.3/22, mbtmp3.5/3, ML3.2/1, Error
ellipse: s-maj=128.9km s-min=31.9km az=84.0, Western
Nepi Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 31 21:47:21.6, 0.9, 933S-15855E, h0km, mb3.7/6, mb1 3.9/7,
mb1mx3.8/7, mbtmp3.8/7, ML4.1/1, MS1.0/1, Ms1 3.0/1,
ms1mx2.7/25, Error ellipse: s-maj=28.9km
s-min=12.6km az=179.0, Bougainville - Solomon
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

BUI 31 21:48:25.0, 1.41N, 12271E, h556km, mb4.6, mb4.5
ISCJB 31 21:48:32.1, 0.5, 234N-005.12210E-007, h546km, 6km,
mb4.3/39, Error ellipse: s-maj=11.5km s-min=5.2km
az=152.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

DJA 31 21:48:32.2, 218N, 12220E, h544km, ML4.6/3
NEIC 31 21:48:32.8, 0.6, 233N, 12203E, h539km, 6km, mb4.4/19,
Error ellipse: s-maj=9.6km s-min=6.8km az=64.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 31 21:48:32.9, 0.5, 232N-005.12207E-007, h537km, 6km,
n97, e=919/93, mb4.3/39, 5D, Celebes Sea

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

Table with columns: WB2, Warramunga Arr, 25.20 152 eP, P, 21 53 15.1 -1.0, etc.

ISCBJ 31 22:19:09.1+1.5, 2.733N,0.05+12685E,0.05,h8km,9km, mb3.3/5, Error ellipse: s-maj=8.7km s-min=6.7km az=43.3

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

NIED 31 22:20:00, 27.30N, 126.70E, h5km, Mw4.0. Best double couple: M1: 0.30000, 1.0175 N1: 0.830000, 0.730000, 1.4-0.00000...

ISCBJ 31 22:20:32.05, 1.2649N, 126.67E, h0km, mb3.3/2, mb1 3.4/3, mb1mx3.3/22, mbtmp3.3/3, ML3.6/1, MS3.1/6, MS1 3.1/6, ms1mx3.0/15, Error ellipse: s-maj=123.3km s-min=22.5km az=4.0

JMA 31 22:20:33.7, 0.4, 2.734N, 126.71E, h4km, M3.7

ISCBJ 31 22:20:34.6, 1.6, 2.730N, 0.06+12678E, 0.06, h2km, 10km, mb3.1/2, MS3.0/4, Error ellipse: s-maj=9.8km s-min=8.0km az=30.4

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

JMA 31 22:24:56.9, 0.4, 2.736N, 126.74E, h8km, M2.7

ISCBJ 31 22:24:58.0, 0.7, 2.734N, 0.05+12680E, 0.05, h10km, mb3.2/4, Error ellipse: s-maj=7.8km s-min=5.6km az=138.2

IDC 31 22:24:58.3, 1.1, 2.769N, 127.29E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.3/21, mbtmp3.3/4, Error ellipse: s-maj=74.4km s-min=15.5km az=50.0

ISCBJ 31 22:24:58.6, 1.2, 2.730N, 0.05+12684E, 0.05, h9km, 7km, n12, c1507/19, mb3.2/4, Northwest of Ryukyu Islands

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

CSEM 31 22:41:32.0, 38.32N, 20.39E, h3km, ML2.6. After THE THE 31 22:41:32.0, 38.32N, 20.39E, h3km, ML2.6, Greece

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

IDC 31 22:43:34.4, 4.2, 12.28N, 86.41W, h82km, 38km, mb3.8/11, mb1 4.0/12, mb1mx3.8/23, mbtmp3.8/12, MS2.9/3, Ms1 2.9/3, ms1mx2.5/34, Error ellipse: s-maj=29.0km s-min=15.9km az=62.0

ISCBJ 31 22:43:36.8, 0.3, 12.18N, 0.04+8673W, 0.06, h117km, 3km, mb4.1/20, Error ellipse: s-maj=12.0km s-min=4.2km az=147.4

CASC 31 22:43:37.9, 2.0, 12.00N, 86.90W, h91km, 11km, mb4.0,

MD4.1, mb4.3(NEIC) NEIC 31 22:43:38.0, 0.9, 12.21N, 86.53W, h115km, 8km, mb4.3/10, Error ellipse: s-maj=10.4km s-min=5.8km az=68.0

ISCBJ 31 22:43:37.8, 0.3, 12.18N, 0.04+8675W, 0.06, h109km, 3km, n95, c11183/10, 20.30, 3C-160, Nicaragua

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COPN, MOMM, MOMB, etc.

comp=Z:2.5nm, 0.6s, baz=141, slow=22, SNR=9.3 ASAR Alice Springs 139.80 248 PKP PKPdf 23 02 54.4 +0.6

ASAR Alice Springs 139.80 248 PKP PKPdf 23 02 54.8 ASAR comp=Z:1.5nm, 0.5s, baz=114, slow=4.4, SNR=7.3

ASAR comp=Z:2.0nm, 0.5s, baz=114, slow=4.4, SNR=7.3 ASAR Warramunga Arr 139.85 254 PKP PKPdf 23 02 54.4 +0.6

WRA Warramunga Arr 139.85 254 PKP PKPdf 23 02 54.5 WRA comp=Z:2.0nm, 0.6s, baz=91, slow=3.1, SNR=9.1

WRA comp=Z:2.5nm, 0.4s, baz=92, slow=2.4, SNR=4.2

ORF 31 22:54:48.8, 2.99S, 262.9W, h30km, mb5.6 BGS 31 22:55:23.3, 1.17S, 178.6W, h11km, mb5.6

ISCBJ 31 22:55:28.0, 0.5, 0.15S, 0.02+1772W, 0.02, h3km, 3km, mb5.5/321, MS5.7/21, Error ellipse: s-maj=4.5km s-min=2.3km az=151.1

BJJ 31 22:55:28.8, 0.50N, 185.4W, h14km, mB6.1, mb5.7, Ms6.0, MSz5.7

MOS 31 22:55:29.2, 0.9, 0.13S, 177.1W, h10km, mb5.8/129, MS5.6/88, Error ellipse: s-maj=6.2km s-min=2.6km az=64.6

IDC 31 22:55:29.3, 0.3, 0.08S, 178.3W, h0km, mb5.1/37, Mb1 5.2/38, mb1mx5.2/38, mbtmp5.1/38, ML6.3/1, MS5.7/26, Ms1 5.7/26, ms1mx5.6/29, Error ellipse: s-maj=10.1km s-min=7.7km az=155.0

IGL 31 22:55:30.8, 0.10S, 178.0W, h10km, MS5.7 NEIC 31 22:55:31.1, 1.0, 0.16S, 178.0W, h11km, mb5.7/215, ME6.2, MS5.7/151, MW6.1, Error ellipse: s-maj=3.7km s-min=1.9km az=153.0. Broadband fault plane solution: P waves: NP1=170.00000; 885.00000; 1.2000000...

NP2=78.00000; 870.00000; 1.175.00000. Principal axes: T Plg18.00000, Azm36.00000, N Plg0.00000, Azm0.00000; P Plg10.00000, Azm302.00000; Moment Tensor Solution. s64 Moment tensor: Scale 10^18 Nm; M1: 0.01; M2: 0.63; M3: 0.64; M4: 0.19; M5: 0.14; M6: 0.47; Best double couple: M1: 6.00000*10^18 Np1=78.00000, 872.00000; 1.177.00000; NP2=168.00000; 887.00000; 1.18.00000. Principal axes: T: 1.6700, Plg14.0000; Azm34.0000; N: 0.0400, Plg72.0000; Azm176.0000; P: -1.6300, Plg11.0000; Azm302.0000. Depth from synthetic of broadband displacement seismograms. Energy computed from BB mechanism.

GCMT 31 22:55:31.1, 1.0, 0.04N, 178.6W, h22km, MW6.2/107, Moment Tensor Solution. s106.c238; s107.c396; Duration: 380 Moment tensor: Scale 10^18Nm; M1: 0.04; 0.01; M2: 0.80; 0.1; M3: 0.83; 0.1; M4: 0.18; 0.2; M5: 0.26; 0.1; M6: 0.39; 0.3; Best double couple: M2: 255.00*10^18 Np1=78.00000, 887.00000; 1.177.00000; NP2=169.00000; 887.00000; 1.11.00000. Principal axes: T: 2.2560, Plg9.0000; Azm35.0000; N: 0.0300, Plg79.0000; Azm184.0000; P: -2.2580, Plg6.0000; Azm304.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

SZGRF 31 22:55:36.5, 0.08N, 173.6W, h33km, mb5.7, MS5.4, North of Ascension Island

DJA 31 22:55:38, 0.23S, 17.18W, h10km, mb5.6/10

ISCBJ 31 22:55:32.0, 0.6, 0.019S, 0.02+1778W, 0.02, h18km, 3km, h20km, 2.0km, comp=PP, n1402, c679/1412, mb5.5/321, MS5.7/211, 247C-149D, North of Ascension Island

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

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, Azimuth, Elevation. Includes stations like KB1 Birley Grange, PAIG Paliour, TNS Taurus Mts, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, Azimuth, Elevation. Includes stations like WERN Wernitzgruen, GADA Gvigeada, DALT Dalyan (Mudla), etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Date/Time, Azimuth, Elevation. Includes stations like BRG Berggiesshubel, BRG Berggiesshubel, BRG Berggiesshubel, etc.

NEE2	Needles Airpor	95.73 305	↑P	P	23 08 56.9	-0.6
ELK	Elko	95.78 311	eP	P	23 08 58.0	+0.4
ELK	Elko	comp-Z,9.6nm,0.9s,mb5.2	ePP	PP	23 12 47.4	-2.0
ELK	Elko	comp-Z,5.0m,21.0s,MS6.0	eP	P	23 08 58.0	+0.5
ELK	Elko	comp-Z,10.0nm,0.9s	ePmax	Pmax	23 12 47.4	
ELK	Elko	comp-Z,5.0m,21.0s	MLR	MLR		
A11A	Hall Mountain	95.79 319	↑P	P	23 08 57.0	-0.3
B11A	Sandpoint	95.85 319	↑P	P	23 08 57.3	-0.3
V12A	Nelson	95.86 306	↑P	P	23 08 57.8	-0.2
W12A	Cal Nev Ari	95.91 305	↑P	P	23 08 57.2	-1.0
E11A	Bogner Ranch	95.96 316	↑P	P	23 08 57.5	-0.7
F11A	Grangeville	95.97 316	↑P	P	23 08 57.7	-0.6
D11A	Klaveano Farm	95.98 317	↑P	P	23 08 57.0	-1.2
MFID	Camas Ranch	95.98 313	↑P	P	23 08 58.1	-0.3
H11A	Donnelly	95.99 315	↑P	P	23 08 57.4	-1.0
GLA	Glamis	96.02 303	↑P	P	23 08 59.1	+0.3
GLA	Glamis	96.02 303	↑P	P	23 08 59.1	-0.7
I11A	Placerville	96.03 314	↑P	P	23 08 57.9	-0.7
L11A	Cat Creek Ranc	96.05 312	↑P	P	23 08 58.3	-0.4
T11A	Corn Creek, AI	96.05 307	↑P	P	23 08 59.3	+0.5
HYB	Hyderabad	96.10 73	eP	PP	23 09 00.0	+0.6
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	ePP	PP	23 12 56.0	+3.6
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	eSKS	S	23 19 36.0	
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	eS	S	23 09 00.0	+0.6
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	ePP	PP	23 12 56.0	+3.6
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	eSKS	S	23 19 36.0	
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	eS	S	23 20 20.0	+1.6
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	ePS	PS	23 21 36.0	-3.5
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	e		23 27 00.0	
HYB	Hyderabad	comp-Z,2.0m,20.0s,MS5.7	LR	LR	23 52 28.0	
G11A	Walters Elk Ra	96.10 316	↑P	P	23 08 59.7	+0.9
M11A	Holland Ranch	96.14 312	↑P	P	23 08 58.7	-0.5
N11A	Elko Archery C	96.15 311	↑P	P	23 08 58.8	-0.5
O11A	Cowboy Ranch	96.15 310	↑P	P	23 08 58.8	-0.5
K11A	Parker Ranch	96.20 313	↑P	P	23 08 59.1	-0.3
IRM	Iron Mountain	96.21 304	↑P	P	23 08 59.4	-0.2
R11A	Troy Canyon, C	96.25 308	↑P	P	23 08 58.8	-0.9
Q11A	Duckwater	96.26 309	↑P	P	23 08 59.2	-0.5
P11A	Circle Ranch	96.28 310	↑P	P	23 09 00.1	+0.3
V11A	Goodsprings	96.32 306	↑P	P	23 08 59.7	-0.4
NEW	Newport	96.37 318	eP	P	23 08 59.8	-0.2
NEW	Newport	comp-Z,4.7nm,0.8s,mb5.0	LR	LR		
NEW	Newport	comp-Z,6.0m,19.0s,MS5.1	eP	P	23 08 59.8	-0.2
NEW	Newport	comp-Z,5.0nm,0.8s	ePmax	Pmax		
NEW	Newport	comp-Z,5.0nm,0.8s	MLR	MLR		
S11A	Rachel	96.43 308	↑P	P	23 08 59.4	-1.2
NVS	Novosibirsk	96.49 35	↑P	Pmax	23 09 00.6	+0.2
H10A	Noah's Angus R	96.53 315	↑P	P	23 09 00.0	-0.8
L10A	Juniper Basin	96.59 312	↑P	P	23 09 00.8	-0.3
GMRC	Granite Mounta	96.59 305	↑P	P	23 09 00.8	-0.6
D10A	Wagner Farm, O	96.61 317	↑P	P	23 09 00.3	-0.9
I10A	Payette	96.62 314	↑P	P	23 09 00.8	-0.4
J10A	Berg Farm, Mel	96.67 314	↑P	P	23 09 00.2	-1.3
M10A	L.L. Ranch, Tu	96.69 312	↑P	P	23 09 01.5	-0.1
F10A	Beach Ranch, E	96.71 316	↑P	P	23 09 01.2	-0.4
G10A	Bishop Farm, J	96.71 315	↑P	P	23 09 00.9	-0.8
TUQ	Turquoise Mtn.	96.75 306	↑P	P	23 09 01.5	-0.6
K10A	MacKenzie Ranc	96.81 313	↑P	P	23 09 01.6	-0.6
R10A	Warm Springs	96.81 308	↑P	P	23 09 01.7	-0.5
P10A	Eureka	96.82 310	↑P	P	23 09 01.7	-0.5
G10A	Clear Creek Ra	96.84 309	↑P	P	23 09 02.1	-0.3
TPNV	Topopah Spring	96.89 307	ePP	PP	23 12 53.7	-4.3
TPNV	Topopah Spring	comp-Z,6.0m,2.0s	LR	LR		
BMO	Blue Mountains	96.89 315	PFAKE	LR	23 09 10.0	+7.5
U10A	Ash Meadows, A	97.00 307	↑P	P	23 09 03.2	0.0
MK31	Makanchi Array	97.03 43	↑P	P	23 09 02.6	-0.5
MKAR	Makanchi Array	97.03 43	↑P	P	23 09 02.6	-0.4
MKAR	Makanchi Array	97.03 43	↑P	P	23 12 57.0	-1.3
MKAR	Makanchi Array	97.03 43	↑P	P	23 09 02.6	-0.4
MKAR	Makanchi Array	comp-Z,1.9nm,0.8s,mb4.6,baz=281,slo=4.6,SNR=15	PP	PP	23 12 57.0	-1.8
S10A	Topopah Range	97.08 308	↑P	P	23 09 03.3	-0.2
HEC	Hector,Ludlow	97.13 305	↑P	P	23 09 03.2	-0.6
H09A	Durkee	97.17 315	↑P	P	23 09 03.0	-0.7
G09A	Cove	97.18 316	↑P	P	23 09 03.1	-0.7
A09A	Darville	97.24 319	↑P	P	23 09 04.3	+0.4
I09A	Lost Marbles R	97.31 314	↑P	P	23 09 03.4	+0.4
D09A	Jones Farm, Ri	97.31 317	↑P	P	23 09 03.3	-1.0
BMN	Battle Mountai	97.32 311	eP	P	23 09 05.4	+0.9
BMN	Battle Mountai	comp-Z,1.3nm,1.0s,mb5.3	ePP	PP	23 12 59.8	-1.4
BMN	Battle Mountai	comp-Z,1.0m,19.0s,MS5.4	eP	P	23 09 05.4	+0.9
BMN	Battle Mountai	comp-Z,1.0m,19.0s,MS5.4	e		23 12 59.8	
BMN	Battle Mountai	comp-Z,1.0m,19.0s,MS5.4	ePmax	Pmax		
BMN	Battle Mountai	comp-Z,1.0m,19.0s,MS5.4	MLR	MLR		
PFO	Pinyon Flat Ob	97.34 304	PFAKE	LR	23 09 20.0	+15
PFO	Pinyon Flat Ob	comp-Z,6.19nm,19.0s,MS5.1	LR	LR		
MONP	Monument Peak	97.37 303	↑P	P	23 09 03.8	-1.1
J09A	Fry Pan Ranch	97.39 314	↑P	P	23 09 04.5	-0.2
FURC	Furnace Creek	97.42 307	↑P	P	23 09 04.7	-0.3
R09A	Topopah	97.42 308	↑P	P	23 09 04.6	-0.4
K09A	Rome	97.44 313	↑P	P	23 09 04.9	-0.1

Q09A	Carvers	97.45 309	↑P	P	23 09 04.1	-1.1
LNOR	Linton Mounta	97.45 316	↑P	P	23 09 04.5	-0.5
GSC	Goldstone	97.48 305	PFAKE	LR	23 09 20.0	+15
N09A	Rock Creek Ran	97.50 311	↑P	P	23 09 04.9	-0.4
OD2	Odessa Site #2	97.54 318	eP	P	23 09 04.9	-0.5
ZAL	Zalesovo	97.55 36	eP	P	23 09 04.8	-0.4
ZALV	Zalesovo Beam	97.56 36	eP	P	23 09 04.8	-0.5
ZALV	Zalesovo Beam	97.56 36	eP	P	23 57 16.5	
ZALV	Zalesovo Beam	97.56 36	eP	P	23 09 04.8	-0.5
ZALV	Zalesovo Beam	comp-Z,0.4nm,0.4s,mb4.3,baz=289,slo=4.5,SNR=4.4	LR	LR	23 57 16.5	
TPH	Tonopah	97.56 308	eP	P	23 09 05.9	+0.3
TPH	Tonopah	comp-Z,1.4nm,1.1s,mb5.4	ePP	PP	23 13 03.1	0.0
TPH	Tonopah	97.56 308	eP	P	23 09 05.9	+0.3
TPH	Tonopah	comp-Z,1.4nm,1.1s,mb5.4	ePmax	Pmax	23 13 03.1	
A08A	Turner Farm, O	97.69 319	↑P	P	23 09 05.0	-1.0
C08A	Higginbotham F	97.71 318	↑P	P	23 09 06.0	0.0
B08A	Collie Reser	97.82 319	↑P	P	23 09 06.6	+0.1
I08A	Drewsey	97.91 314	↑P	P	23 09 06.5	-0.6
J08A	Circle Bar Ran	97.91 314	↑P	P	23 09 06.2	-0.9
L08A	Fields	97.96 312	↑P	P	23 09 07.6	+0.2
N08A	Ge Springer Mi	97.97 311	↑P	P	23 09 06.8	-0.7
K08A	Mann Creek Ran	98.00 313	↑P	P	23 09 07.9	+0.3
G08A	Pilot Rock	98.00 316	↑P	P	23 09 07.6	+0.1
DAC	Darwin (Calif)	98.03 306	PFAKE	LR	23 09 20.0	+12
DAC	Darwin (Calif)	comp-Z,1.0m,20.0s,MS5.4	LR	LR		
M08A	Happy Creek Ra	98.07 312	↑P	P	23 09 08.0	+0.1
WVOR	Wild Horse Val	98.14 313	eP	P	23 09 08.8	+0.6
WVOR	Wild Horse Val	comp-Z,2.8nm,1.5s,mb5.6	ePP	PP	23 13 05.9	-1.5
WVOR	Wild Horse Val	comp-Z,2.8nm,1.5s,mb5.6	LR	LR		
WVOR	Wild Horse Val	comp-Z,2.8nm,1.5s,mb5.6	MLR	MLR		
WVOR	Wild Horse Val	comp-Z,2.8nm,1.5s,mb5.6	Pmax	Pmax		
WVOR	Wild Horse Val	comp-Z,2.8nm,1.5s,mb5.6	Pmax	Pmax		
HAWA	Hanford	98.24 317	PFAKE	LR	23 09 20.0	+11
HAWA	Hanford	comp-Z,2.0m,19.0s,MS5.7	LR	LR		
B07A	Winthrop	98.32 319	↑P	P	23 09 07.1	-1.7
S08C	White Mtn Res	98.36 308	↑P	P	23 09 08.9	-0.4
NVAR	Mina Array Bea	98.37 309	P	P	23 09 09.5	+0.2
NVAR	Mina Array Bea	98.37 309	P	P	23 09 09.5	+0.2
A07A	Ashnola Ranc	98.40 320	↑P	P	23 09 08.5	-0.7
PALK	Pallekele	98.43 83	PFAKE	LR	23 09 20.0	+10
EDW2	Edwards Air Fo	98.49 305	↑P	P	23 09 09.4	-0.5
K07A	Rock Creek Ran	98.56 313	↑P	P	23 09 09.5	-0.6
N07B	Gerlach	98.60 311	↑P	P	23 09 10.0	-0.2
MTUM	Tungsten Hills	98.69 308	eP	P	23 09 11.1	+0.4
L07A	Adell	98.72 312	↑P	P	23 09 10.8	0.0
D06A	Cle Elum	99.01 318	↑P	P	23 09 12.4	+0.5
H06A	Lindquist Farm	99.05 315	↑P	P	23 09 12.1	0.0
PAHR	Pah Rah Range	99.05 310	eP	P	23 09 12.1	-0.2
I06A	Prineville	99.09 314	↑P	P	23 09 12.6	+0.6
HELL	Mitchell Peak	99.13 307	↑P	P	23 09 13.2	+0.4
J06A	Christmas Vall	99.14 314	↑P	P	23 09 13.0	+0.4
F06A	Goldendale	99.20 316	↑P	P	23 09 13.0	+0.2
R06C	Coleville	99.25 309	↑P	P	23 09 13.6	+0.3
N06A	Buffalo Meadow	99.25 311	↑P	P	23 09 13.3	+0.1
K06A	Valley Falls	99.28 313	↑P	P	23 09 12.0	-1.2
O06A	Flanjan	99.33 311	↑P	P	23 09 13.5	0.0
MOD	Modoc	99.44 312	eP	P	23 09 14.9	+0.9
MOD	Modoc	comp-Z,1.6nm,1.1s,mb5.5	eP	P	23 09 14.6	+0.6
MOD	Modoc	99.44 312	eP	P	23 09 14.6	+0.6
INK	Inuvik	99.47 340	eP	P	23 09 14.1	+0.6
INK	Inuvik	comp-Z,947nm,1.8s,mb7.0	eP	P	23 09 18.1	+4.6
JCW	Jim Creek	99.56 319	eP	P	23 09 16.6	+2.2
F05A	White Salmon	99.64 316	↑P	Pdf	23 09 15.1	+0.6
M06C	Likely Place G	99.67 312	eP	Pdf	23 09 15.4	+0.7
LON	Longmire	99.73 317	eP	Pdf	23 09 15.4	+0.4
LON	Longmire	comp-Z,9.1nm,1.1s	eP	Pmax	23 09 15.4	+0.4
L05A	Lakeview	99.81 313	↑P	Pdf	23 09 15.4	+0.1
PKM	Peak Mountain	99.98 305	↑P	Pdf	23 09 16.8	+0.8
CMB	Columbia Cole	100.04 309	PFAKE	LR	23 09 30.0	+14
SMMC	Simmer	100.08 306	↑P	Pdf	23 09 17.1	+0.6
M05C	Lookout	100.15 312	↑P	Pdf	23 09 17.6	+0.8
OHCM	Honcut	100.71 310	eP	Pdf	23 09 19.4	+0.1
NLWA	Neilton Lookou	100.99 318	PFAKE	LR	23 09 30.0	+9.4
SAO	San Andreas Ge	101.05 307	PFAKE	LR	23 09 30.0	+9.2
COR	Corvallis	101.16 315	PFAKE	LR	23 09 30.0	+8.7
YBH	Yreka Blue Hor	101.25 312	PFAKE	LR	23 09 30.0	+8.3
WMQ	Urumqi	101.26 45	P	Pdf	23 09 20.8	-1.0
WMQ	Urumqi	comp-Z,5.0m,20.0s,MS6.0	PP	PP	23 13 33.0	+1.9
WMQ	Urumqi	comp-Z,5.0m,20.0s,MS6.0	PP	PP	23 15 41.3	
WMQ	Urumqi	comp-Z,5.0m,20.0s,MS6.0	PP	PP	23 19 58.0	
WMQ	Urumqi	comp-Z,5.0m,20.0s,MS6.0	SS	SS	23 20 56.0	-4.5
WMQ	Urumqi	comp-Z,5.0m,20.0s,MS6.0	SS	SS	23 28 00.3	-0.7
WMQ	Urumqi	comp-N,3um,21.0s	LR	LR		
WDC	Whiskeytown Da	101.31 311	PFAKE	LR	23 09 30.0	+8.0
MCCM	Marconi Confer	101.97 309	PFAKE	LR	23 09 40.	

31d 23h

Table with columns: PPT, Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like Papeete, Sheehan, etc.

NEIC 31 23:31:05.0, 1759N:10082W, h56km, MD3.9(MEX), After MEX.

MEX 31 23:31:04.6-0.9, 1760N:10082W, h62km, 12km, MD3.9, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like ZIIG, CAIG, ACX, etc.

IDC 31 23:39:03.2-3.0, 408N:9645E, h16km, 18km, mb4.4/22, mb1.4/24, mb1mx4.4/27, mbtmp4.4/24, ML3.8/1, MS4.2/1, Ms1.4/2.1, ms1mx3.7/36, Error ellipse: s-maj=17.5km s-min=10.1km az=51.0

2007 JUL

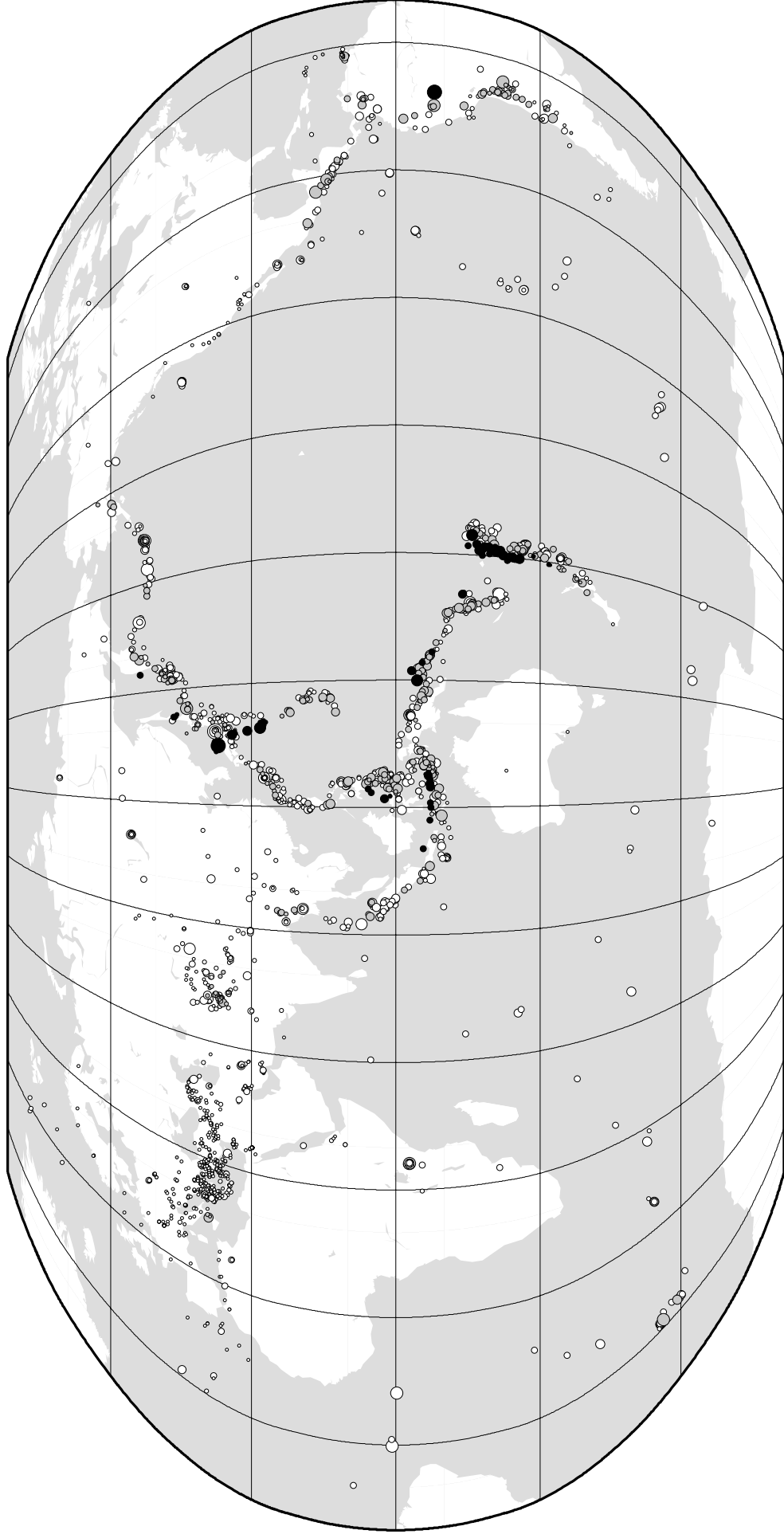
Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like BSI, BSI, TSI, etc.

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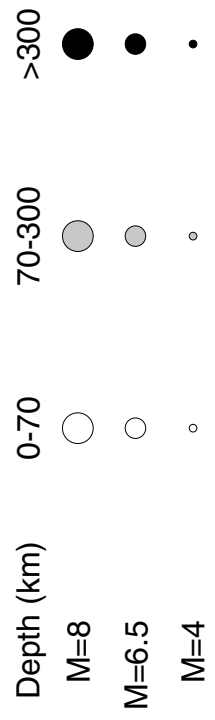
Table with columns: WB2, MK31, MKAR, MKAR, etc., and various station identifiers like Warramunga Arr, Makanchi Array, etc.

MORC	Moravsky Berou	79.72 320	eP	P	23 51 13.0 +2.7
MORC			pmax	pmax	
	comp=Z,10.0nm,1.5s,mb4.5				
DPC	Dobruska-Polom	80.56 320	eP	P	23 51 15.7 +0.9
DPC			ePCP	PcP	23 51 18.6 -2.9
TSUM	Tsumeb	80.83 250	eP	P	23 51 17.8 +1.0
	comp=Z,2.5nm,0.7s,mb4.2				
PRU	Pruhonice	81.67 320	eP	P	23 51 21.6 +0.9
PRU			ePCP	PcP	23 51 24.0 -2.4
GERES	GERESS Array B	82.16 319	P	P	23 51 23.8 +0.5
GERES	GERESS Array B	82.16 319	P	P	23 51 23.8 +0.5
	comp=Z,1.9nm,0.7s,mb4.1,baz=103,slow=5.9,SNR=17				
KHC	Kasperske Hory	82.25 319	eP	P	23 51 22.7 -1.1
KHC			ePCP	PcP	23 51 26.9 -2.1
GRA1	Grafenberg Arr	83.81 319	eP	P	23 51 34.7 +2.9
GRF	Grafenberg Arr	83.81 319	eP	P	23 51 34.7 +2.9
RETA	Reutte	84.09 317	fl/P	P	23 51 31.6 -1.7
	comp=Z,7.9nm,1.2s,mb4.7				
RETA	Reutte	84.09 317	fl/P	P	23 51 33.5 +0.3
	comp=Z,7.9nm,1.2s,mb4.7				
NB2	NORSAR Subarra	84.13 331	P	P	23 51 33.0 -0.2
	comp=Z,1.8nm,0.7s,mb4.3,baz=94,slow=5.6				
NOA	NORSAR Array B	84.13 331	P	P	23 51 32.1 -1.1
NOA	NORSAR Array B	84.13 331	P	P	23 51 32.1 -1.1
	comp=Z,2.3nm,0.9s,mb4.3,baz=92,slow=5.4,SNR=5.1				
KEST	Kesra	85.27 305	P	P	23 51 40.8 +1.3
	comp=Z,2.2nm,0.8s,mb4.3,baz=290,slow=5.4,SNR=4.8				
CDF	Champ du Feu	86.42 318	eP	P	23 51 45.2 +0.3
	comp=Z,5.6nm,0.8s,mb4.6				
CDF	Champ du Feu	86.42 318	eP	P	23 51 45.2 +0.3
	comp=Z,2.8nm,0.8s,mb4.5				
CDF	Champ du Feu	86.42 318	eP	P	23 51 45.2 +0.3
CDF			pmax	pmax	
	comp=Z,3.0nm,0.8s,mb4.6				
LPG	La Plagne	86.89 315	eP	P	23 51 48.4 +1.1
LPL	La Plagne	86.91 315	eP	P	23 51 48.3 +0.9
	comp=Z,1.6nm,0.9s,mb5.0				
LPL	La Plagne	86.91 315	eP	P	23 51 48.3 +0.9
	comp=Z,7.8nm,0.9s,mb4.9				
LPL	La Plagne	86.91 315	eP	P	23 51 48.3 +0.9
LPL			pmax	pmax	
	comp=Z,8.0nm,0.9s,mb5.0				
MBDF	Montbardon	86.92 314	eP	P	23 51 47.7 +0.3
	comp=Z,8.0nm,1.0s,mb4.6				
MBDF	Montbardon	86.92 314	eP	P	23 51 47.7 +0.3
	comp=Z,4.0nm,1.0s,mb4.6				
MBDF	Montbardon	86.92 314	eP	P	23 51 47.7 +0.3
MBDF			pmax	pmax	
	comp=Z,4.0nm,1.0s,mb4.6				
BNI	Bardonecchia	86.97 315	eP	P	23 51 53.7 +6.0
HAU	Haudompre	87.05 318	eP	P	23 51 48.1 +0.1
	comp=Z,8.8nm,0.8s,mb4.8				
HAU	Haudompre	87.05 318	eP	P	23 51 48.1 +0.1
	comp=Z,4.4nm,0.8s,mb4.7				
HAU	Haudompre	87.05 318	eP	P	23 51 48.1 +0.1
HAU			pmax	pmax	
	comp=Z,4.0nm,0.8s,mb4.7				
FRF	La Foret Royal	87.06 313	eP	P	23 51 48.6 +0.4
ORIF	Oris-en-Rattie	87.54 315	eP	P	23 51 50.7 +0.3
	comp=Z,5.4nm,0.7s,mb4.6				
ORIF	Oris-en-Rattie	87.54 315	eP	P	23 51 50.7 +0.3
	comp=Z,2.7nm,0.7s,mb4.6				
ORIF	Oris-en-Rattie	87.54 315	eP	P	23 51 50.7 +0.3
ORIF			pmax	pmax	
	comp=Z,3.0nm,0.7s,mb4.6				
VIVF	Saint-Julien-I	88.40 315	eP	P	23 51 54.4 -0.1
VNDA	Vanda	88.78 169	eP	P	23 51 55.9 +0.3
VNDA	Vanda	88.78 169	P	P	23 51 56.0 +0.3
	comp=Z,0.5nm,0.7s,mb4.0,baz=268,slow=4.3,SNR=4.5				
LOR	Lormes	88.78 317	eP	P	23 51 56.4 +0.1
	comp=Z,5.0nm,0.6s,mb4.7				
LOR	Lormes	88.78 317	eP	P	23 51 56.4 +0.1
	comp=Z,2.5nm,0.6s,mb4.7				
LOR	Lormes	88.78 317	eP	P	23 51 56.4 +0.1
LOR			pmax	pmax	
	comp=Z,3.0nm,0.6s,mb4.8				
SMF	Signal de Mont	88.84 316	eP	P	23 51 56.9 +0.3
	comp=Z,7.7nm,0.8s,mb4.8				
SMF	Signal de Mont	88.84 316	eP	P	23 51 56.9 +0.3
	comp=Z,3.8nm,0.8s,mb4.8				
SMF	Signal de Mont	88.84 316	eP	P	23 51 56.9 +0.3
SMF			pmax	pmax	
	comp=Z,4.0nm,0.8s,mb4.8				
SBA	Scott Base	89.88 168	P	P	23 52 01.5 +0.7
TCF	Toulx Ste Croi	90.00 316	eP	P	23 52 02.2 +0.2
	comp=Z,2.1nm,1.4s,mb5.0				
TCF	Toulx Ste Croi	90.00 316	eP	P	23 52 02.2 +0.2
	comp=Z,1.0nm,1.4s,mb5.0				
TCF	Toulx Ste Croi	90.00 316	eP	P	23 52 02.2 +0.2
TCF			pmax	pmax	
	comp=Z,10.0nm,1.4s,mb5.0				
MTLF	Montolieu	90.29 313	eP	P	23 52 03.5 +0.1
MFF	Saint Martin d	91.58 317	eP	P	23 52 09.2 -0.1
	comp=Z,2.5nm,1.2s,mb5.1				
MFF	Saint Martin d	91.58 317	eP	P	23 52 09.2 -0.1
	comp=Z,1.2nm,1.2s,mb5.1				
MFF	Saint Martin d	91.58 317	eP	P	23 52 09.2 -0.1
MFF			pmax	pmax	
	comp=Z,1.2nm,1.2s,mb5.1				
TOA0	Torodi Ar. Sit	93.68 283	eP	P	23 52 20.5 +0.8
TORD	Torodi Ar. Bea	93.68 283	P	P	23 52 20.9 +1.2
TORD	Torodi Ar. Bea	93.68 283	P	P	23 52 20.9 +1.2
	comp=Z,2.1nm,0.9s,mb4.6,baz=91,slow=5.6,SNR=12				
ULM	Lac du Bonnet	124.86 10	PKP	PKPdf	23 58 02.6 +0.4
ULM	Lac du Bonnet	124.86 10	PKP	PKPdf	23 58 02.6 +0.4
	comp=Z,3.4nm,0.7s,baz=302,slow=8.1,SNR=2.9				
RLMT	Red Lodge	125.91 22	ePdif	Pdif	23 54 42.0 -0.6
NVAR	Mina Array Bea	126.88 34	PKP	PKPdf	23 58 07.7 +1.2
NVAR	Mina Array Bea	126.88 34	PKP	PKPdf	23 58 07.7 +1.2
	comp=Z,1.1nm,0.9s,baz=242,slow=1.9,SNR=2.3				
PDAR	Pinedale Array	127.77 24	PKP	PKPdf	23 58 08.6 +0.6
PDAR	Pinedale Array	127.77 24	PKP	PKPdf	23 58 08.6 +0.6
	comp=Z,0.4nm,0.5s,baz=356,slow=2.7,SNR=4.0				
TXAR	Lajitas Array	141.59 29	PKP	PKPdf	23 58 28.1
TXAR			PKP	PKP	23 58 34.6 +0.4
TXAR	Lajitas Array	141.59 29	PKhKP	PKP	23 58 28.1
	comp=Z,0.3nm,0.5s,baz=11,slow=1.0,SNR=4.0				
TXAR			PKP	PKPdf	23 58 34.6 +0.4
	comp=Z,0.5nm,0.5s,baz=286,slow=0.3,SNR=6.6				
CPUP	Villa Florida	146.52 226	PKPbc	PKPbc	23 58 43.6 -0.7
CPUP	Villa Florida	146.52 226	PKPbc	PKPbc	23 58 43.6 -0.7
	comp=Z,2.4nm,0.6s,baz=80,slow=2.0,SNR=14				
LPZA	La Paz	160.57 230	PKPab	PKPab	23 59 45.1 +0.6
	comp=Z,1.4nm,0.7s,baz=74,slow=11,SNR=3.4				

ISC Computed Locations for July 2007



Robinson Projection, centred on 0°N, 130°E



2388 Events