

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

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NEIC 01 18:45:41.7±1.7,21.70S×179:55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179:70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179:6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID 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 Mangatoinoka 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 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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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.

Addendum III

From data month January 2009 the ISC hypocentres are computed using the new ISC location algorithm and all reported IASPEI seismic phases, for which ak135 predictions are available. This algorithm is described in: Bondár, I. and D.A. Storchak (2011), Improved location procedures at the International Seismological Centre, Geophys. J. Int., 186, 1220-1244, doi:10.1111/j.1365-246X.2011.05107.x

The alternative locations based on JB-tables are still produced with the original location algorithm for consistency with the past data. It is still the plan that by the middle of calendar year 2014 all ISC locations (1960-2008) are going to be re-computed with the new location algorithm and ak135 as part of the ISC Bulletin Re-Build project, sponsored by the US NSF and several agencies from Japan, China and India.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Capurgana, Chepo, Punta Arditia, etc.

IDD 01 03:35:47.0, 9.55:35S:27.74W, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.8/2.4, mbtpm3.8/6, ML4.1/1, MS3.6/3, Ms1.3/6.3, ms1mx3.2/1.9, Error ellipse: s-maj=43.0km s-min=20.3km az=71.0

NEIC 01 03:35:49.6, 0.6, 55.4S:0.1:27.9W:0.1, h10km, 1km, mb4.6/9, Error ellipse: s-maj=26.1km s-min=9.6km az=17.0

ISC 01 03:35:52.1, 0.8, 55.4S:0.1:28.1W:0.1, h26km, n22, 0.18/21, mb4.3/7, MS3.5/3, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Hope Point, Neumayer-Watz, SNAE, etc.

NIED 01 03:40:09.5, 44.69N:149.48E, h30km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; Mn:0.95, Mw:0.25, Mww:0.69, Mo:0.51, Mww:0.41, Mw:0.58; Fault plane solution: N1.2200x10^15 NP:1.37.00000, 86.0.00000, 1.96.00000; NP2:205.00000, 326.00000, 1.79.00000

JMA 01 03:40:09.4, 0.6, 44.69N:149.48E, h30km, M4.3 MOS 01 03:40:12.3, 0.1, 44.48N:149.29E, h43km, mb4.4/16, Error ellipse: s-maj=8.8km s-min=8.1km az=31.0

SKHL 01 03:40:12.3, 0.2, 44.40N:149.40E, h57km, 1km, mb4.7/3 NEIC 01 03:40:14.0, 1.5, 44.4N:0.1:149.3E:0.1, h45km, 7km, mb4.3/18, Error ellipse: s-maj=19.0km s-min=11.4km az=145.0

ISC 01 03:40:11.9, 1.0, 44.30N:0.06:149.33E:0.06, h33km, 4km, n128, 0.15/50/133, mb4.3/63, MS3.4/4, BC-1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kuril'sk, Eielson Array, etc.

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

ASAJ comp=E, 1.3nm, 0.3s, baz=100, slow=11, SNR=7.9

ASAJ comp=E, 325nm, 18.3s, baz=144, slow=41

ERMO comp=N, 30nm, 1.0s

ERMO comp=E, 200nm, 14.0s

JNB comp=N, 300nm, 14.0s

JNB comp=N, 16nm, 21.9s, baz=40, slow=34

USA0B comp=N, 2.0nm, 0.9s

USA0B comp=N, 2.0nm, 0.9s

USA0B comp=N, 2.0nm, 0.9s

USA0B comp=N, 2.0nm, 0.9s

USA0B comp=N, 2.0nm, 0.9s

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USA0B comp=N, 2.0nm, 0.9s

USA0B comp=N, 2.0nm, 0.9s

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

RES comp=N, 2.0nm, 0.6s

RES comp=N, 2.0nm, 0.6s

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RES comp=N, 2.0nm, 0.6s

KTUT		SG	Sn	04 00 05.7 -1.0
REFA	Refahiye_ERZN	1.03 237	iP	03 59 47.4 -2.4
REFA			Pg	03 59 56.7 -6.4
ATA5	Erzurum_Merke	1.06 93	iP	03 59 57.1 -0.5
ATA5			Pg	04 00 06.6 -1.1
KARO	Karilova-Bingo	1.12 125	PN	03 59 52.0 -1.0
PTK	Pertek	1.14 199	PN	03 59 51.9 +0.1
AKDA	Akdag	1.15 83	iP	03 59 53.2 -0.4
KEMA	Kemaliye	1.27 337	iP	03 59 55.3 +0.8
KEMA			Pg	04 00 07.7 -3.3
ESPY	Espiye-Giresun	1.29 318	PN	03 59 55.5 +0.3
CHAY	Cayeli-Rize	1.32 30	PN	03 59 55.0 +0.7
CHOM	Cayeli-Rize	1.32 31	PN	03 59 55.5 -0.2
CHOM			Sn	04 00 13.8 -0.2
VRTB	Varto-Mus	1.46 123	iP	03 59 59.5 +1.4
VRTB			iS	04 00 21.6 +4.5
VRTB	comp=E,897nm,1.1s		IAML	04 00 32.0
VRTB	comp=N,1um,1.1s		IAML	04 00 45.0
ARPR	Arapgir-MALATY	1.47 234	PN	03 59 58.6 +0.2
KOPR	Koprulu-ERZUR	1.52 98	PN	03 59 59.3 +0.1
HOMI	Horasan	1.56 86	iP	04 00 01.1 +1.0
HOMI			Pg	04 00 24.4 +4.1
HOMI	comp=E,672nm,0.9s		IAML	04 00 37.0
HOMI	comp=N,382nm,1.1s		IAML	04 00 43.0
HANI	Diyarbakir_Han	1.60 165	iP	04 00 06.0 +0.1
HANI			Pg	04 00 21.6 +0.1
CUZAR	Zara_SIVAS	1.62 268	iP	04 00 01.2 +0.3
CUZAR			iS	04 00 22.8 +0.7
ELZG	Elazig	1.62 206	iP	04 00 05.0 -0.4
ELZG			iS	04 00 20.6 -1.0
SVRC	Sivrice-ELAZID	1.65 196	PN	04 00 01.1 -0.2
DBAD	Bademkaya	1.74 52	iP	04 00 02.5 -0.5
DBAD			iS	04 00 22.6 -1.9
DBAD	comp=N,340nm,0.6s		IAML	04 00 34.0
DBAD	comp=E,406nm,0.7s		IAML	04 00 34.0
MUSM	Mu-Merkez	1.77 134	iP	04 00 04.1 +0.1
MUSM			Pg	04 00 23.8 -1.6
EKAR	Karacoban	1.83 112	iP	04 00 06.8 +1.6
EKAR			iS	04 00 31.8 +2.8
EKAR	comp=N,438nm,0.7s		IAML	04 00 45.0
EKAR	comp=E,493nm,1.8s		IAML	04 00 48.0
HEKM	Malatya_Hekim	1.84 234	iP	04 00 05.4 +0.8
HEKM			iS	04 00 32.0 +2.9
HEKM	comp=E,387nm,1.2s		IAML	04 00 41.0
ORDU	Ordu-Boztepe	1.85 304	iP	04 00 05.3 +0.6
ORDU			iS	04 00 25.4 -1.6
ORDU	comp=N,343nm,0.4s		IAML	04 00 34.0
ORDU	comp=E,422nm,0.6s		IAML	04 00 34.0
DAGI	Agililar	1.91 54	iP	04 00 05.5 -0.4
DAGI			iS	04 00 26.3 -2.4
DBOC	Borcka	1.94 44	iP	04 00 06.2 -1.0
DBOC			iS	04 00 29.0 +0.3
DBOC	comp=E,424nm,0.5s		IAML	04 00 35.0
CUKAN	kangal_SIVAS	1.97 252	iP	04 00 07.0 +0.2
CUKAN			Pg	04 00 34.5 +1.2
SENK	Senkaya-Erzuru	1.99 72	PN	04 00 06.2 -1.0
BCA	Borcka	1.99 41	PN	04 00 06.5 -0.6
MALT	Malatya	2.00 215	PN	04 00 06.1 +1.0
RSDY	Resadiye-TOKAT	2.00 283	PN	04 00 06.3 +1.2
EATA	Elesikiri	2.02 92	iP	04 00 09.7 +0.9
DYB8	Diyarbakir	2.02 174	PN	04 00 06.5 +1.1
DIYA	Diyarbakir	2.05 175	iP	04 00 07.6 -0.5
DIYA			iS	04 00 33.0 -1.1
SVAN	Silvan-Diyarba	2.08 150	PN	04 00 07.7 -1.0
SVAN	Silvan-Diyarba	2.08 150	PN	04 00 11.2 +1.2
SVAN			iS	04 00 33.3 +0.4
GURO	Gurucmak-BITLI	2.19 129	PN	04 00 06.5 +0.8
SVSK	Karacayir	2.21 270	PN	04 00 09.2 +1.3
AKCD	Akadag	2.25 223	iP	04 00 12.2 +0.5
AKCD			iS	04 00 40.6 +0.5
TUTA	Tutak	2.34 103	iP	04 00 13.7 +0.5
TUTA			iS	04 00 46.6 +1.5
SOC	Sochi	3.62 358	eP	04 00 32.9 -1.9
SOC			eS	04 01 13.1 +2.5
RPOR	Krasnaya Poly	3.74 4	iP	04 00 33.2 -3.8
RPOR			eS	04 01 11.6 -2.2
LZRR	Lazarevskoye	3.98 355	eP	04 00 39.9 -1.2
LZRR			eS	04 01 24.4 +3.3
TPSR	Tuapse	4.15 352	eP	04 00 42.9 -1.0
TPSR			eS	04 01 30.0 -4.6
KBZ	Khabaz	4.39 30	PN	04 00 41.9 +4.0
KBZ	comp=E,0.5nm,0.3s,baz=122,slow=10.0,SNR=5.8		Sn	04 01 28.6 -1.0
KBZ	comp=E,0.3nm,0.3s,baz=122,slow=11,SNR=1.9		LR	04 02 39.7
KBZ	comp=E,71nm,19.7s,baz=171,slow=48		LR	04 02 39.7
LACR	Lac	4.39 48	eP	04 00 50.1 -4.0
KORR	Kora	4.43 44	eS	04 00 54.1 +0.8
LSNR	Lesken	4.44 41	iS	04 00 55.7 +0.5
KVAR	Kislovodsk Arr	4.51 27	PN	04 00 44.1 +4.5
KVAR	baz=255,slow=20,SNR=3.8		Sn	04 01 29.5 -3.2
BRTR	Keskin Array B	4.80 269	PN	04 00 57.9 +2.7
BRTR	comp=E,0.3nm,0.3s,baz=90,slow=13,SNR=8.6		Pg	04 02 10.0
BRTR	baz=72,slow=28,SNR=1.9		LR	04 02 52.5
EIL	Eilat	11.04 203	LR	04 06 53.5
EIL	comp=E,61nm,18.8s,baz=165,slow=36		LR	04 06 53.5
AKASE	Malin Array Be	13.07 329	PN	04 02 36.2 -0.7
AKASE	comp=E,0.6nm,0.3s,baz=135,slow=13,SNR=2.5		PN	04 02 36.2 -0.7
ARCES	ARCES Array B	30.60 350	P	04 05 47.0 +1.8
ARCES	comp=E,0.7nm,0.8s,baz=156,slow=8.9,SNR=1.4		P	04 05 47.0 +1.8
TLY	Talaya	44.59 53	LR	04 28 30.5
TLY	comp=E,36nm,18.6s,baz=284,slow=59		LR	04 28 30.5

IPCC 01 04:15:56.0:3.0,51:53N:16:16E, h0km, ML2.4/3, Error ellipse: s-maj=3.1km s-min=1.6km az=68.0

PRU 01 04:01:58.0:0.51,44N:16:10E, h0km

IDC 01 04:01:58.0:0.8,51:46N:15:91E, h0km, mb1 3.2/8, mb1mx3.1/50, mb1mp3.1/8, ML3.0/3, h0km, mb1 3.2/8, s-maj=15.1km s-min=7.3km az=109.0

VIE 01 04:01:59.0:0.8,51:32N:16:11E, h0km, mb2.5/15, Error ellipse: s-maj=6.5km s-min=4.8km az=48.0 67 km WNW of Wrocław Suspected Mining induced.

ISC 01 04:01:55.6:0.7,51:56N:0.03:16.10E:0.03, h0km, n42, o133/82, Poland

Code	Station Name	AZ	Phase ID	Time Res	ISC
KSP	Ksiaz	0.73 170	Op	04 02 10.1 +0.6	Pg
KSP			eP	04 02 18.4 -0.4	Pg
CHVC	Chvalec	0.97 182	eP	04 02 14.7 +0.5	Pg
CHVC			eS	04 02 26.7 -0.1	Pg
OSTC	Ostas	1.01 176	eP	04 02 15.4 +0.5	Pg
OSTC			eS	04 02 27.4 -0.5	Pg
UPC	Upice	1.06 183	eP	04 02 15.8 0.0	Pg
UPC			eS	04 02 28.6 -0.8	Pg
DPC	Dobruska-Polom	1.22 173	eP	04 02 18.6 -0.3	Pg
DPC			eS	04 02 33.5 -1.2	Pg
PVCC	Panska Vys	1.41 224	eP	04 02 23.3 +0.8	Pg
PVCC			eS	04 02 41.0 +0.1	Pg
BRG	Berggiussabell	1.52 244	PN	04 02 24.4 +0.5	Pg
BRG			Pg	04 02 26.1 +1.4	Pg
BRG			SG	04 02 45.7 +1.3	Pg
KRLC	Kraliky	1.55 163	eP	04 02 24.0 -0.5	Pg
KRLC			eS	04 02 43.2 -2.1	Pg
PRA	Prague	1.83 216	eP	04 02 28.9 +0.7	Pg
PRA			eS	04 02 54.6 +0.4	Pg
PRA	comp=Z,14nm,0.7s		Pg	04 02 54.6 +0.4	Pg

GOPC	GO Pecny, Ondr	1.85 207	ePG	04 02 29.7 +1.2
GOPC			eS	04 02 54.0 +0.2
PRU	Pruhonice	1.86 213	ePG	04 02 30.4 0.0
PRU			eS	04 02 53.9 +1.1
CLL	Colim	1.95 264	eP	04 02 31.0 +1.1
CLL			eP	04 02 33.0 +1.0
CLL			e	04 02 36.0
CLL			eS	04 02 38.2
CLL			eS	04 02 59.0 +0.8
MORC	Moravsky Berou	2.01 152	ePN	04 02 31.0 +0.2
MORC			eS	04 02 58.5 -0.1
MORC	Moravsky Berou	2.01 152	ePN	04 02 30.9 +0.2
MORC	baz=334		eS	04 02 58.4 -0.1
MORC	comp=Z,29nm,0.5s,baz=334		eS	04 02 36.0 +0.4
OKC	Ostrava-Krasne	2.16 142	ePG	04 03 03.8 +0.9
OKC			eS	04 03 03.8 +0.9
VRAC	Vranov	2.28 172	Pn	04 02 34.5 +0.1
VRAC	comp=Z,1.6nm,0.3s,baz=347,slow=17,SNR=6.4		Pn	04 03 06.7
VRAC	comp=Z,2.2nm,0.3s,baz=260,slow=30,SNR=7.2		Lg	04 03 06.7
VRAC	Vranov	2.28 172	ePN	04 02 35.1 +0.6
VRAC			eS	04 03 07.1 +0.8
VRAC	Vranov	2.28 172	ePN	04 02 35.0 +0.6
VRAC	baz=353		eS	04 03 07.0 +0.8
TREC	Trest	2.30 190	ePG	04 02 38.8 +0.8
TREC			eS	04 03 07.6 +0.7
PBCC	Pribram	2.31 216	ePG	04 02 39.0 +1.0
PBCC			eS	04 03 08.3 +1.3
KRUC	Moravsky	2.51 175	ePN	04 02 38.5 +0.9
KRUC			eS	04 03 14.4 +1.5
KRUC	Moravsky	2.51 175	ePN	04 02 38.4 +0.9
KRUC	baz=357		eS	04 03 14.4 +1.5
KRUC	comp=Z,15nm,0.5s,baz=357		ePN	04 02 41.2 +1.4
KRUC	Novy Kostel	2.66 242	ePG	04 02 45.9 +1.8
KRUC			eS	04 03 21.0 -0.1
OJC	Ojcow	2.70 118	ePG	04 02 48.9 +1.6
OJC			eS	04 02 44.0 +1.7
JAVC	Velka Javorina	2.89 159	ePN	04 02 43.5 +0.6
JAVC			eP	04 02 43.4 +0.6
KHC	Kasperske Hory	2.92 215	ePN	04 02 44.2 +0.9
KHC			eP	04 02 44.0 +1.3
KHC			eS	04 03 19.0 0.0
KHC			eS	04 03 28.3 -1.0
GERES	GERES Array B	3.12 210	Pn	04 02 46.4 +0.2
GERES	comp=Z,0.9nm,0.3s,baz=24,slow=13,SNR=20		Pg	04 02 53.0 +1.1
GERES	comp=Z,2.8nm,0.3s,baz=30,slow=17,SNR=30		Sn	04 03 19.1 -5.1
GERES	comp=Z,1.5nm,0.3s,baz=31,slow=24,SNR=5.8		Lg	04 03 37.0
SMOL	Smolenice	3.17 164	eSG	04 03 37.6 +0.3
SMOL			eLg	04 03 47.5
LANV	Liptovska Anna	3.24 137	eS	04 03 41.9 +2.4
LANV			eLg	04 03 41.9 +2.4
MODS	Modra-Piesok	3.28 166	eSG	04 03 41.2 +0.3
VYHS	Vyhne	3.54 149	ePN	04 02 52.4 +0.6
VYHS			Pg	04 03 05.1 +1.7
BSD	Bornholm Skovb	3.63 349	iP	04 02 54.8 +1.8
BSD			iS	04 03 35.2 -1.3
CONA	Conrad Observa	3.64 182	ePN	04 02 54.1 +0.9
CONA	comp=Z,0.1nm,0.1s		Pg	04 03 04.5 -0.8
CONA	comp=Z,5.7nm,0.4s		Pg	04 03 57.1 -0.7
CONA	comp=Z,1.1nm,0.3s		Sn	04 02 57.8 +1.1
MOA	Molin	3.90 198	eP	04 03 09.0 -1.2
MOA	comp=Z,0.8nm,0.1s,SNR=4.2		Pg	04 03 59.7 -1.0
MOA	comp=Z,2.9nm,0.4s		SG	04 03 59.7 -1.0
ARSA	Arzberg	4.33 185	ePN	04 03 03.1 +0.5
ARSA	comp=Z,2.1nm,0.3s		SG	04 04 15.1 +0.5
DAVOX	Davos/Dischmat	6.28 223	Pn	04 03 30.7 +1.1
DAVOX	comp=Z,0.2nm,0.3s,baz=342,slow=20,SNR=2.0		Lg	04 05 13.3
DAVOX	comp=Z,0.1nm,0.3s,baz=292,slow=19,SNR=1.4		Lg	04 05 13.3
AKASE	Malin Array Be	8.31 91	PN	04 03 58.6 +1.5
AKASE	comp=Z,0.5nm,0.3s,baz=278,slow=12,SNR=2.2		Lg	04 06 27.1
HFS	Hagfors	8.70 352	PN	04 04 03.5 +1.0
HFS	comp=Z,0.4nm,0.3s,baz=270,slow=31,SNR=1.4		LR	04 05 37.4 -3.8
HFS	comp=Z,0.1nm,0.3s,baz=172,slow=12,SNR=4.2		LR	04 05 37.4 -3.8
FINES	FINES Array B	11.32 25	PN	04 04 38.1 -0.3
FINES	comp=Z,0.2nm,0.3s,baz=207,slow=13,SNR=6.8		Sn	04 06 40.5 -5.0
FINES	comp=Z,0.1nm,0.3s,baz=216,slow=15,SNR=2.1		Sn	04 06 40.5 -5.0
EKA	Eskaalemir Air	12.08 296	PN	04 04 48.6 -0.2
EKA	baz=102,slow=13,SNR=2.0		Pn	04 06 12.6 -1.2
ARCES	ARCES Array B	18.57 10	PN	04 06 12.6 -1.2
ARCES	comp=Z,0.2nm,0.3s,baz=195,slow=9.4,SNR=8.1		Pg	04 06 12.6 -1.2

BUI 01 04:15:59.3:0.0,44:51N:150:07E, h10km, mb4 7/21, mb4 6/37, Ms4 3/16, Ms7 4/0/13

JIA 01 04:16:09.8:0.7,44:52N:149:19E, h30km, M5.0, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; M2: 1.6; M3: -0.13; M4: -2.04; M5: 3.69; M6: -1.32; M7: 3.29; Fault plane solution: Ms5.53000x1015 NP1.36 4.60000°, 878.00000°, 101.00000°. NP2.36 185.00000°, 816.00000°, 14.600000°

SKHL 01 04:16:10.7:0.7,44:40N:149:30E, h58km, mb5 0/11

NEIC 01 04:16:10.2:1.6,44:38N:0:09:149:2E:0.1, h37km, mb5, mb4 7/74, Error ellipse: s-maj=14.4km s-min=10.3km az=137.0

MOS 01 04:16:11.0:1.0,4

2014 JUL

Table with columns: TEY, 1d 4h, Ternei, 9.12 280f, ePN, Pn, 04 18 21.7 +3.7, etc. Includes entries for KAW, KADAK, KADAK, etc.

Table with columns: KADAK, Kodiak Island, 37.78 48 P, P, 04 23 21.7 +0.4, etc. Includes entries for KADAK, Kodiak Island, KADAK, etc.

Table with columns: DANN, Dangsing, 53.82 276 eP, P, 04 25 29.8 +1.2, etc. Includes entries for DANN, Dangsing, RES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia, H08S3 Diego Garcia, H01W2 Cape Leeuwin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like az=122.0, ISC 01 07:12:22.1, H08S1 Diego Garcia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, PEL Peldebe, MT02 Curacav, etc.

IDC 01 06:45:46.2±0.8, 55:27S:28.10W, h0km, mb4.2/5, mb1 4.3/6, mb1mx4.0, 2.22, ML2.4/2, h1/0.1, Error ellipse: s-maj=35.6km s-min=19.2km az=73.0

AEIC 01 07:12:54.9±1.4, 67:63N:0:03:162:4W±0.2, h24km, 8km, ML3.1/30, Error ellipse: s-maj=9.3km s-min=4.7km az=95.0

NEIC 01 07:12:55.5±1.5, 67:68N:0:05:162:53W±0.08, h31km, 7km, Error ellipse: s-maj=7.1km s-min=4.3km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, RDOG ANM, ANM, IM05 Indian Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDM Murphy Dome, MDM, PPLA Purkeypile, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCOL CIGO, UAF Yank, COLA College, etc.

IDC 01 06:52:36.2±3.2, 53:68N:90:78E, h0km, mb1 3.2/3, mb1mx3.1/50, mbmp3.2/3, ML2.8/3, Error ellipse: s-maj=26.9km s-min=23.2km az=52.0

MAN 01 07:15:29.677N:123.68E, h1km, mb4.3, ML3.2, MS2.9, 1C-1D, Mindaanao

IDC 01 07:29:40.1±0.5, 55:19S:28:81W, h0km, mb4.4/10, mb1 4.5/12, mb1mx4.4/20, mbmp4.5/12, ML4.7/2, MS3.9/7, MS1.3/9.7, ms1mx3.6/18, Error ellipse: s-maj=19.6km s-min=15.4km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO, ZALV, etc.

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

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

IDC 01 07:12:20.7±1.1, 55:39S:27:93W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.7/16, mbmp3.9/3, Error ellipse: s-maj=42.5km s-min=32.6km az=86.0

NEIC 01 07:12:22.5±0.8, 55:35S:0:1:28:0W±0.2, h10km, 1km, mb4.1/7, Error ellipse: s-maj=21.6km s-min=16.3km

IDC 01 07:40:45.1±1.4, 55:18S:28:57W, h0km, mb3.5/2,

WRH	Wood River Hill	78.10	26	P	P	09 23 20.9	-1.6
SEW	Seward	78.80	31	P	P	09 23 22.6	-0.1
SEW	comp=Z,1.1nm,0.9s			Iamb	Iamb	09 23 37.7	
GHO	Glory Hole Cre	78.81	29	P	P	09 23 22.6	-0.3
GHO	SKAR			Iamb	Iamb	09 23 28.4	
TCOL	CIGO, UAF Yank	78.83	26	P	P	09 23 22.3	-0.4
COLA	College	78.84	26	P	P	09 23 22.1	-0.6
COLA	comp=Z,6.5nm,0.6s			Iamb	Iamb	09 23 37.1	
CSS	Mathias	78.84	303	P	P	09 23 23.2	-0.2
HAMP	Hammerfest	78.85	340	eP	P	09 23 22.8	+0.1
CCB	Clear Creek Bu	78.85	26	P	P	09 23 22.2	+0.5
SML	Sawmill	79.09	29	P	P	09 23 22.8	-1.5
SML	comp=Z,1.5nm,0.8s			Iamb	Iamb	09 23 35.0	
KNK	Knik Glacier	79.09	29	P	P	09 23 23.4	+0.1
KNK	comp=Z,3.2nm,1.5s			Iamb	Iamb	09 23 34.3	
SPAO	Spitsbergen Ar	79.14	348	P	P	09 23 24.4	+0.2
SPAO	Spitsbergen Ar	79.13	348	eP	P	09 23 24.8	+0.5
ILAR	Eielson Array	79.26	26	P	P	09 23 23.4	-1.7
ILAR	comp=Z,1.9nm,1.0s,baz=79.26,slow=5.5,SNR=14.1			sP	sP	09 23 33.9	-0.6
ILAR	comp=Z,1.8nm,0.8s,baz=252,slow=4.3,SNR=9.6			LR	LR	10 00 33.6	
HDA	Harding Lake	79.27	34nm,18.8s,baz=292,slow=57				
HDA	Harding Lake	79.29	26	P	P	09 23 24.0	-1.3
HDA	Harding Lake	79.30	339	eP	P	09 23 23.5	-1.8
KTK1	Kautokino	79.30	339	eP	P	09 23 24.9	+0.3
AKASO	Malin Array Be	79.39	320	P	P	09 23 25.0	-1.1
AKASO	comp=Z,0.5s,baz=66,slow=5.5,SNR=21.1						
AKBB	Malin Array Si	79.39	320	P	P	09 23 25.4	-0.7
AKBB	comp=Z,1.9nm,1.1s			Iamb	Iamb	09 23 26.4	
FIA1	FISSS Array S	79.43	331	P	P	09 23 25.5	-0.5
FIA1	comp=Z,1.5nm,0.8s			Iamb	Iamb	09 23 26.1	
FINES	FISSS Array B	79.43	331	P	P	09 23 25.6	-0.5
FINES	comp=Z,1.0nm,0.7s,baz=73,slow=6.4,SNR=41			sP	sP	09 23 35.0	-0.6
SCM	Sheep Creek Mo	79.56	29	P	P	09 23 26.5	-0.4
SCM	comp=Z,4.3nm,0.7s,baz=104,slow=6.5,SNR=7.4			Iamb	Iamb	09 23 37.2	
FYU	Fort Yukon	79.62	24	P	P	09 23 27.4	+0.4
MDUB	Mudurnu	79.63	309	P	P	09 23 27.7	-0.1
KBS	Kingsbay	79.76	349	P	P	09 23 26.7	-0.8
KBS	comp=Z,1.4nm,0.8s			Iamb	Iamb	09 23 28.7	
KBS	Kingsbay	79.76	349	eP	P	09 23 28.0	+0.5
GLI	Glacier Island	79.83	30	Iamb	Iamb	09 23 29.1	
GLI	comp=Z,1.1nm,0.9s						
FID	Port Fidalgo	80.15	30	P	P	09 23 30.1	0.0
SORM	Soroca	80.17	317	P	P	09 23 31.0	-0.4
TLOR	Topog	80.57	314	P	P	09 23 32.4	-0.1
TRO	Tromso	80.66	340	eP	P	09 23 32.0	-0.5
TOPG	Topolog	80.93	314	P	P	09 23 34.9	+0.4
TIRR	Tirgusor	80.98	314	P	P	09 23 35.2	+0.4
CFR	Carcaiu	81.04	314	P	P	09 23 34.9	-0.1
ELL	Elmal	81.23	306	P	P	09 23 36.5	+0.1
GLB	Gilshina Butte	81.29	29	P	P	09 23 34.2	+0.3
TESS	Tescani	81.81	316	P	P	09 23 39.5	+0.3
VRI	Vrincioia	81.88	315	P	P	09 23 40.5	+0.9
PLOR	Plostina	81.94	314	P	P	09 23 40.4	+0.5
BIZ	Bicaz	82.09	316	P	P	09 23 41.2	+0.6
NOR	Nord	82.37	354	P	P	09 23 41.0	-0.5
BARN	Barnard Glacier	82.38	29	P	P	09 23 42.3	+0.2
BARN	comp=Z,7.0nm,0.7s			Iamb	Iamb	09 23 55.1	
SUW	Suwatki	82.40	324	eP	P	09 23 41.6	-0.5
STEI	Steigen	82.42	338	eP	P	09 23 41.1	-0.8
KMBO	Kilima Mbogo	82.42	267	P	P	09 23 45.2	+1.9
KMBO	comp=Z,5.7nm,0.9s,baz=46,slow=8.1,SNR=12			Iamb	Iamb	09 23 46.2	
KMBO	Kilima Mbogo	82.42	267	P	P	09 23 40.3	-0.3
KMBO	comp=Z,1.1nm,1.0s			Iamb	Iamb	09 23 46.2	
SULR	Muntele Rosu	82.50	314	P	P	09 23 43.9	+1.4
MLR	Muntele Rosu	82.50	314	P	P	09 23 43.4	+0.4
BURAR	Bucovina Array	82.54	317	P	P	09 23 43.5	+0.4
BUR08	Bucovina Ar. S	82.54	317	P	P	09 23 43.2	+0.0
BUR08	comp=Z,1.6nm,0.8s			Iamb	Iamb	09 23 44.5	
CTGM	Chitina Glacie	82.56	29	Iamb	Iamb	09 23 56.2	
LAUS	Fauske	82.58	338	eP	P	09 23 41.9	-0.8
FOF	Lotofen	82.96	339	eP	P	09 23 44.1	-0.6
EPYK	Eagle Plains	82.97	23	P	P	09 23 45.1	+0.2
EPYK	comp=Z,2.8s						
EPYK	Eagle Plains	82.97	23	P	P	09 23 45.0	+0.2
EPYK	comp=Z,7.6nm,0.8s			Iamb	Iamb	09 23 56.8	
VOIR	ARCALIA	83.12	315	P	P	09 23 45.7	-0.4
ARC	ARCALIA	83.23	317	P	P	09 23 47.6	+1.1
MOR8	Moi Rana	83.28	337	eP	P	09 23 44.4	-2.1
ARF	Arges	83.42	315	P	P	09 23 48.2	+0.5
INK	Ink	83.48	21	P	P	09 23 47.0	-0.4
INK	comp=Z,3.9nm,0.8s,baz=270,slow=4.1,SNR=6.8			sP	sP	09 23 56.9	+0.2
INK	comp=Z,5.2nm,0.8s,baz=300,slow=4.8,SNR=6.6						
INK	Kalwarja Pacla	83.71	319	eP	P	09 23 47.3	-0.1
CJR	Cluj-Napoca	83.82	316	P	P	09 23 50.3	+0.6
PLVB	Pleven	83.88	313	P	P	09 23 50.5	+0.5
KOLS	Kolonicsedli	84.10	319	eP	P	09 23 53.8	+2.3
TRPA	Tarpa	84.18	318	P	P	09 23 51.1	-0.1
RZN	Rozhen	84.21	319	P	P	09 23 51.9	+0.0
MPEP	Malu Peshtene	84.51	313	P	P	09 23 53.5	+0.3
A36M	Sachs Harbour	84.51	16	P	P	09 23 52.0	-0.6
A36M	comp=Z,2.9s						
NSS	Namsos	84.82	335	eP	P	09 23 53.1	-1.2
PUNG	Punghina	84.86	314	P	P	09 23 55.8	+1.0
SANT	Santorini	84.86	306	P	P	09 23 54.6	-0.6
SANT	Santorini	84.86	306	P	P	09 23 54.1	-1.1
MMB	Mosmiste	84.94	311	P	P	09 23 55.0	+0.3
VTS	Vitosha	85.05	313	P	P	09 23 56.4	+0.5
KECS	Kecovo	85.05	319	eP	P	09 23 57.8	+0.2
HERR	Herculane	85.06	315	P	P	09 23 56.4	+0.5
SIRR	Siria	85.22	316	P	P	09 23 57.1	+0.3
NIE	Niedzica	85.28	320	eP	P	09 23 57.6	+0.7
KKB	Krupnik	85.34	312	P	P	09 23 57.3	-0.1
CJC	Cjocov	85.37	321	eP	P	09 23 57.5	+0.2
KECS	Kecovo	85.41	319	eP	P	09 23 57.8	+0.2
BZS	Buzias	85.42	316	P	P	09 23 57.5	-0.2
MDVR	Moldovita	85.57	315	P	P	09 23 58.3	-0.3
VAY	Valandovo	85.58	311	P	P	09 23 59.0	-0.9
SKAG	Skagway	85.87	30	Iamb	Iamb	09 24 02.0	
TBLU	Troandheim	86.00	335	eP	P	09 23 59.6	-0.6
STIP	Stip	86.03	312	P	P	09 23 59.3	-1.6
DAG	Danmarks Havn	86.23	351	P	P	09 23 58.3	-2.8
NC30	NORSAR Array S	86.30	333	P	P	09 24 00.1	-1.7
BESE	Bessie Mount	86.41	30	Iamb	Iamb	09 24 04.8	
NB2	NORSAR Subarra	86.44	332	P	P	09 24 00.9	-1.6
NB2	comp=Z,1.6nm,0.8s,baz=66,slow=8						
NB2	NORSAR Subarra	86.44	332	P	P	09 24 00.9	-1.6
NB2	comp=Z,66,slow=4.8						
NOA	NORSAR Array B	86.44	332	P	P	09 24 01.2	-1.3
NOA	comp=Z,1.1nm,0.8s,baz=68,slow=4.7,SNR=60						
VYHS	Vyhne	86.50	312	P	P	09 24 03.0	+0.2
SKO	Skopje	86.50	312	P	P	09 24 03.7	+0.6
OKC	Ostrava-Krasne	86.50	320	eP	P	09 24 03.5	+0.5
NC204	NORSAR Array S	86.55	333	P	P	09 24 02.2	-0.9
AGG	Agios Georgios	86.62	309	P	P	09 24 02.1	-1.7
AGG	comp=Z,1.6nm,1.0s			Iamb	Iamb	09 24 02.9	
NOA01	NORSAR Array S	86.66	332	P	P	09 24 02.5	-1.0
MORC	Moravsky Berou	86.89	321	P	P	09 24 05.0	0.0
MORC	Moravsky Berou	86.89	321	eP	P	09 24 05.2	+0.2
MORC	Moravsky Berou	86.89	321	Iamb	Iamb	09 24 05.8	
MORC	comp=Z,7.7nm,0.8s						
DOMB	Dombas	89.99	334	eP	P	09 24 04.3	-0.8
JAVC	Velka Javorina	87.09	320	eP	P	09 24 07.2	+1.2
KRLC	Kralicky	87.27	321	eP	P	09 24 07.3	+0.5
KSP	Ksiaz	87.32	322	eP	P	09 24 07.2	+0.2
OST	Ostasz	87.46	322	eP	P	09 24 08.2	+0.3
DPC	Dobruska-Polom	87.46	321	eP	P	09 24 08.4	+0.7

CHVC	Chvalec	87.55	322	eP	P	09 24 08.3	+0.2
VRAC	Vranov	87.63	320	P	P	09 24 08.9	+0.5
VRAC	Vranov	87.63	320	eP	P	09 24 08.8	+0.3
AKN	Aaknes	87.82	334	eP	P	09 24 08.7	+0.3
KRUC	Krovary	87.83	320	eP	P	09 24 09.7	+0.3
SKAR	Skarsvika	87.89	323	eP	P	09 24 09.0	+0.2
CONA	Conrad Observa	88.53	319	eP	P	09 24 13.1	+0.2
PRU	Pruoniche	88.66	321	eP	P	09 24 13.7	+0.4
BRG	Bergjesshubel	88.72	322	P	P	09 24 13.7	+0.2
BRG	comp=Z,3.9nm,0.8s						
ARSA	Arslan	88.97	319	eP	P	09 24 14.7	-0.2
ARSA	comp=Z,2.1nm,0.5s						
CLL	Collin	89.12	323	I	P	09 24 15.1	-0.3
CLL	comp=Z,8.0nm,0.9s						
BLSS	Blasjo	89.27	332	eP	P	09 24 14.8	-1.2
KHC	Kasperske Hory	89.55	321	eP	P	09 24 17.2	-0.4
MOA	Molin	89.57	319	P	P	09 24 17.7	0.0
MOA	comp=Z,7.0nm,0.7s						
GECC	GERESS Array S	89.57	320	P	P	09 24 16.6	-1.2
GECC	comp=Z,5.9nm,0.8s			Iamb	Iamb	09 24 18.2	
GERES	GERESS Array B	89.57	320	P	P	09 24 17.4	-0.4
GERES	comp=Z,2.1nm,0.6s,baz=73,slow=4.9,SNR=18						
OBKA	Obir	89.85	318	I	P	09 24 19.0	-0.1
OBKA	comp=Z,2.6nm,1.1s						
MAW	Mawson	90.76	199	P	P	09 24 23.7	+1.1
MAW	comp=Z,3.9nm,0.9s,baz=40,slow=6.2,SNR=8.2						
MAW	Mawson	90.76	199	P	P	10 01 48.8	
MAW	comp=Z,4.3nm,1.8s,baz=234,slow=5.3,SNR=33			LR	LR	09 24 23.5	+0.9
WTTA	Wattenberg	91.44	319	eP	P	09 24 26.1	-0.5
WTTA	comp=Z,2.3nm,1.2s						
WATA	Walderalm	91.45	320	eP	P	09 24 25.4	-1.2
WATA	comp=Z,5.9nm,0.6s						
SANK	Sankt Quirin	91.73	320	eP	P	09 24 27.5	-0.4
SANK	comp=Z,1.5nm,0.8s						
MOTA	Moosalm	91.75	320	I	P	09 24 27.4	-0.6
MOTA	comp=Z,2.2nm,1.0s						
NRCA	Nordica	92.09	315	P	P	09 24 29.4	-0.2
FETA	Feichten	92.11	319	eP	P	09 24 29.4	-0.3
FETA	comp=Z,1.7nm,1.0s						

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
baz=248												
HIN	Hinchinbrook I	21.00	53	P	P						10 54 21.4 +1.2	
FID	Pirt Fidalgo	21.05	52	I	Iamb						10 54 21.0 +0.2	
WRH	Wood River Hill	21.24	41	P	P						10 54 24.3 +1.6	
EYAK	Cordova Ski Ar	21.38	53	P	P						10 54 26.1 +1.8	
CCB	comp=Z,6.4nm,0.6s										10 54 26.7	
HDA	Harding Lake	21.41	41	P	P						10 54 23.6 -0.9	
IL31	Harding Lake	21.69	42	P	P						10 54 28.9 +1.4	
ILAR	Eielson Array	21.83	41	P	P						10 54 27.1 -0.4	
TOLK	comp=Z,0.7nm,0.4s,baz=245,slow=8.2,SNR=21										10 54 29.3 +0.3	
TOLK	Toolik Lake Re	22.50	31	P	P						10 54 27.5 -1.5	
VRDI	Toolik Lake Re	22.50	31	P	P						10 54 37.6 +1.7	
CROM	Verde Repeater	22.58	51	P	P						10 54 36.7 +0.9	
DOT	Circle	22.68	52	P	P						10 54 38.7 +0.9	
MENT	Dot Lake	22.71	45	P	P						10 54 37.5 -0.4	
WAX	Mentasta	22.71	47	P	P						10 54 36.4 -1.6	
WAX	comp=Z,9.6nm,1.2s										10 54 30.0	
TGL	Waxell Ridge	22.80	53	P	P						10 54 39.4 +0.6	
TGL	comp=Z,1.1nm,0.9s										10 54 44.1	
BALM	Tana Glacier	22.84	53	P	P						10 54 40.5 +1.2	
BALM	Yahits	23.10	52	P	P						10 54 43.1	
YAH	Baldy	23.10	52	P	P						10 54 39.8 -1.9	
BARN	comp=Z,1.1nm,1.4s										10 54 43.3	
BARN	Barnard Glacier	23.34	54	P	P						10 54 46.0 +1.9	
CTGM	Chitina Glacier	23.58	52	P	P						10 54 45.9 +1.0	
CTGM	comp=Z,9.3nm,0.8s										10 54 47.3	
PCA	Pinnacle	24.08	54	P	P						10 54 47.2 +1.1	
EGAK	Eagle	24.19	43	P	P						10 54 48.7	
DAWY	Dawson	24.82	45	I	Iamb						10 54 51.9 +1.4	
JKA	comp=Z,6.3nm,0.8s										10 54 52.1 +0.6	
JKA	Kamikawa-asahi	24.95	266	P	P						10 54 57.4 +0.2	
ASAJ	comp=Z,6.3nm,1.0s										10 55 00.9	
ASAJ	Asahikawa	24.95	266	P	P						10 55 07.9	
EPYK	Eagle Plains	26.32	40	P	P						10 54 59.4 +0.9	
EPYK	Eagle Plains	26.32	40	P	P						10 55 11.9 +1.1	
INIK	Inuvik	27.90	36	P	P						10 55 10.9 +0.2	
INIK	Inuvik	27.90	36	P	P						10 55 23.3 -1.4	
INIK	comp=Z,5.5nm,1.5s										10 55 23.7 -1.0	
KLR	Kul'dur	29.27	283	P	P						10 55 30.1	
A36M	Gachs Harbour	31.32	30	P	P						10 55 37.6 +0.5	
USRK	Ussuriysk Ar.	31.44	274	P	P						10 55 57.2 +2.3	
H1N2	WAKE ISLAND Hy	33.53	200	T	T						10 55 56.4	
H1N3	WAKE ISLAND Hy	33.54	200	T	T						11 31 56.2	
H1N1	WAKE ISLAND Hy	33.55	200	T	T						11 31 57.9	
H1S1	WAKE ISLAND Hy	34.76	200	T	T						11 31 60.0	
H1S2	WAKE ISLAND Hy	34.77	200	T	T						11 31 60.0	
H1S3	WAKE ISLAND Hy	34.77	200	T	T						11 31 60.0	
YKA	Yellowknife Ar	36.02	47	P	P						11 31 31.9	
YKA	comp=Z,1.5nm,0.6s,baz=292,slow=6.0,SNR=13										10 56 35.2 -0.5	
D03D	Eldon	37.18	73	P	P						10 57 04.0 +1.0	
KSR5	Korea Array	37.86	268	P	P						10 57 46.8 +1.2	
SOMM	Songino Array	44.72	294	P	P						10 56 52.9 +1.4	
NVAR	Minna Array	45.22	82	P	P						10 57 47.8 +0.3	
PDAR	Pinedale Array	47.77	71	P	P						10 57 51.6 -0.1	
SPIT5	Spitsbergen Ar	49.51	355	P	P						10 58 09.8 -1.8	
ARCES	ARCCESS Array B	57.05	349	P	P						10 58 23.6 -0.5	
MKAR	Makanchi Array	58.17	306	P	P						10 59 19.2 0.0	
TXAR	Chiang Mai Arr	60.29	80	P	P						10 59 27.5 0.0	
FINES	FINES Array B	64.55	346	P	P						10 59 42.4 -0.1	
CMAR	Chiang Mai Arr	69.17	273	P	P						10 59 42.4 -0.1	
AKASG	Malin Array Be	74.27	340	P	P						11 00 10.6 -0.2	
WRA	Warramunga Arr	81.34	221	P	P						11 00 10.6 -0.2	
ASAR	Alice Springs	84.86	220	P	P						11 00 40.8 +0.8	
STKA	Stevens Creek	89.61	211	P	P						11 01 09.9 -0.1	
STKA	Stevens Creek	89.61	211	I	Iamb						11 01 49.3 -0.2	

NNC 01 10:50:07.0-4.4,40.79N:70.28E,h0km,mb3.3,mpv3.2, 1D, Error ellipse: s-maj=33.8km s-min=22.0km az=43.0,

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
IUG	Iuzhny	1.36	352	P	Pg						10 50 33.1 -0.1	
IUG	Borolday	2.16	352	Pg	Pg						10 50 52.9 +0.6	
BRLS	11nm,0.2s				Lg						10 50 43.3 -2.4	
BRLS	11nm,0.2s				Lg						10 51 10.2	
KK31	Karatay Array	2.31	4	Pg	Pb						10 50 48.4 -1.3	
MRKS	Merke	2.94	46	Pg	Pg						10 51 17.3	
MRKS	6.0nm,0.3s				Lg						10 51 01.3 +0.9	
MRKS	6.0nm,0.3s				Lg						10 51 41.1	
KRNET 01	10:50:13.2-0.1,39.43N:72.10E,mb2.5,6C-2D, Kyrgyzstan											
BTK	Batken	1.18	303	I	Pg						10 50 35.1 -0.7	
OHH	Osh	1.22	25	I	Pg						10 50 31.9 -0.6	
ARSB	Arslanbob	2.01	19	I	Pb						10 50 52.3 0.0	
ARSB	Arslanbob	2.01	19	I	Pb						10 50 49.1 +0.5	
ARK	Arkit	2.37	357	I	Pb						10 51 15.5 -0.9	
ARK	Arkit	2.37	357	I	Pb						10 50 53.9 +0.4	
ARK	Arkit	2.37	357	I	Pb						10 51 23.4 0.0	

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
WSAR	Wadi Sarin	20.12	346	LR	LR						11 29 38.2	
MKAR	Makanchi Array	45.84	18	P	P						11 27 07.6 -0.5	
AKTO	Aktubinsk	46.87	355	P	P						11 27 16.6 +0.4	
SOMM	Songino Array	57.14	33	P	P						11 28 33.4 +0.5	
H01W3	Cape Leeuwin H	60.76	134	T	T						12 34 39.1	
H01W2	Cape Leeuwin H	60.76	134	T	T						12 34 41.6	
H01W1	Cape Leeuwin H	60.77	134	T	T						12 34 40.2	
NRIK	Norfolk	67.44	9	LR	LR						12 02 46.0	
HFS	Hagfors	68.00	336	P	P						11 29 44.4 -0.6	
NOA	NORSAR Array B	69.52	336	LR	LR						12 04 39.1	
ESDC	Sonsec Array	70.69	311	P	P						11 30 02.5 +0.4	
WRA	Warramunga Arr	72.98	112	P	P						11 30 16.2 0.0	
ASAR	Alice Springs	73.0	116	P	P						11 30 18.1 0.0	
TXAR	Lajitas Array	145.09	31	PKPb	PKPb						11 38 24.1 -0.2	

NEIC 01 11:21:48.9-2.4,36.48N:0.04-30.09E,0.05,h77km,1.0km, Error ellipse: s-maj=7.6km s-min=4.7km az=224.0, ISK 01 11:21:48.5,36.61N:29.99E,h83km,ML3.8/51 NIC 01 11:21:49.4,0.0,36.48N:30.14E,h70km,3km,ML4.0/2 HLW 01 11:21:49.4,36.25N:30.03E,h10km,31km,MD4.1,ML4.5 DDA 01 11:21:49.0,36.67N:29.97E,h50km,26km,MW3.5 IDC 01 11:21:49.2,1.5,36.51N:30.14E,h73km,18km,mb3.5/6, mb1.3,7/12,mb1mx3.4/59,mbmp3.9/12, Error ellipse: s-maj=14.6km s-min=13.4km az=147.0 THE 01 11:21:51.2,36.56N:30.02E,h77km,3km,ML3.8/10, Error ellipse: s-maj=3.6km s-min=1.2km az=195.0 GII 01 11:21:52.1,0.3,36.46N:30.52E,h40km,MD3.2/3, Mm3.2/7

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
ELL	Elmali	0.27	337	Pg	Pg						11 22 00.7 0.0	
ELL	Elmali	0.27	337	Pg	Pg						11 22 00.7 0.0	
ELL	Elmali	0.27	337	Pg	Pg						11 22 00.7 0.0	
AKUM	Antalya-Kumluc	0.30	125	Pg	Pg						11 22 01.2 +0.6	
KEMT	Kemer-ANTALYA	0.43	75	Pg	Pg						11 22 02.2 +0.6	
AKAS	Kas	0.44	233	Pg	Pg						11 22 02.7 +0.8	
AKAS	Kas	0.44	233	Pg	Pg						11 22 03.8 +1.8	
AKAS	Kas	0.44	233	Pg	Pg						11 22 11.7 +0.4	
AKAS	Kas	0.44	233	Pg	Pg						11 22 14.0	
AKAS	Kas	0.44	233	Pg	Pg						11 22 14.0	
AKAS	Kas	0.44	23									

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Khabaz, Malin Array B, Bucoovina Ar. S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rosio, Montagnes des, MDP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nana, Limon Verde, Castelo Branco, etc.

PRE 01 12:34:56.8±0.8, 26:43S±27.52E, h2km, ML3.0
ISC 01 12:34:57.1±0.9, 26:42S±0.04±27.53E±0.05, h8km±7km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLOOF, Parys, ERPM, BOSA, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Y59A, PBRG, PAB, etc.

IDC 01 12:36:29.7±1.3, 55:21S±28.05W, h0km, mb3.9/3,
mb1.4/0.3, mb1mx4.7/31, mbtmp3.9/3, Error ellipse:

NEIC 01 12:36:30.5±1.6, 55:1S±0.1±28.4W±0.2, h10km, n11,
mb4.2/6, Error ellipse: s-maj=25.2km s-min=15.4km

ISC 01 12:36:30.3±0.9, 55:1S±0.1±28.4W±0.2, h10km, n11,
±0.60/11, mb4.2±5, South Sandwich Islands region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U55A, X54A, W54A, etc.

IDC 01 12:39:04.9±0.4, 8:28N±39:73W, h0km, mb4.4/32,
mb1.4/3/3, mb1mx4.5/45, mbtmp4.4/33, ML4.5/1, MS4.1/36,

NEIC 01 12:39:06.0±1.7, 8:70N±0.09±39:79W±0.09, h10km, 1km,
mb4.9/23/3, Error ellipse: s-maj=15.0km s-min=14.0km

GCMT 01 12:39:10.0±0.2, 8:82N±0:01±39:76W±0:01, h12km, 1km,
MW5.0/120, Moment Tensor Solution. s41, c47,

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like D56A, Q52A, etc.

ISC 01 12:39:06.0±0.3, 8:75N±0:06±39:75W±0:06, h10km, n441,

R50A	Paris	49.66 314	P	P	12 47 58.3 -0.3
R50A	comp-Z,11nm,0.9s		I	Amb	12 48 08.6
SWET	Sewanee	49.67 309	P	P	12 47 58.1 -0.8
SWET	comp-Z,15nm,0.8s		I	Amb	12 48 08.7
LRAL	Lakeview Retre	49.78 306	P	P	12 48 00.9 +1.2
LRAL	baz=108				
LRAL	Lakeview Retre	49.78 306	P	P	12 47 59.9 +0.2
D53A	Lac Vaciue, Po	49.98 327	P	P	12 48 03.2 +1.4
D53A	baz=128				
D53A	Lac Vaciue, Po	49.98 327	P	P	12 48 01.1 +0.2
D53A	comp-Z,13nm,1.1s		I	Amb	12 48 08.4
U49A	Red Boiling Sp	50.03 311	P	P	12 48 02.3 +0.8
CHGQ	Chibougannau	50.12 331	P	P	12 48 03.2 +1.2
R49A	Shelbyville	50.27 313	P	P	12 48 04.0 +0.7
R49A	comp-Z,15nm,0.9s		I	Amb	12 48 12.9
X48A	Hartselle	50.27 308	P	P	12 48 02.8 -0.6
X48A	comp-Z,9.2nm,0.8s		I	Amb	12 48 13.1
V48A	Smith Brothers	50.54 310	P	P	12 48 05.8 +0.4
V48A	comp-Z,15nm,0.8s		I	Amb	12 48 15.1
E51A	G1948 Merrick	50.65 325	P	P	12 48 07.7 +1.6
VA03	San Esteban	50.65 214	P	P	12 48 05.0 -1.3
SCHO	Schefferville	50.77 340	P	P	12 48 05.7 -1.1
SCHO	comp-Z,12nm,1.0s,baz=147,slow=5.5,SNR=8.2				
SCHO	LR				13 05 49.8
SCHO	comp-Z,250nm,22.0s,baz=156,slow=32				12 48 07.2 +0.4
SCHO	comp-Z,21nm,1.3s		I	Amb	12 48 10.1
P48A	Milroy	50.92 314	P	P	12 48 08.4 +0.1
P48A	comp-Z,14nm,0.8s		I	Amb	12 48 17.1
WCI	Wyandotte Cave	51.05 313	P	P	12 48 07.8 -1.4
WCI	comp-Z,13nm,0.7s		I	Amb	12 48 19.9
T47A	Sharon Grove	51.19 311	P	P	12 48 10.4 +0.2
T47A	comp-Z,17nm,1.0s		I	Amb	12 48 09.8 -1.0
PLAL	Pickwick Lake	51.25 308	P	P	12 48 09.8 -1.0
L48A	N Adams	51.32 318	I	Amb	12 48 21.0
L48A	comp-Z,22nm,0.9s				
WVT	Waverly	51.44 310	P	P	12 48 13.2 +1.1
WVT	comp-Z,11nm,1.0s		I	Amb	12 48 12.7 +0.6
WVT	Waverly	51.44 310	P	P	12 48 21.2
WVT	comp-Z,13nm,0.8s		I	Amb	12 48 17.1 0.0
KEST	Kesra	52.09 51	P	P	12 48 17.1 0.0
KEST	comp-Z,28nm,1.0s,baz=212,slow=19,SNR=19				
KEST	LR				13 09 51.7
KEST	comp-Z,318nm,20.0s,baz=206,slow=36				12 48 17.7 +0.6
KEST	52.09 51		I	Amb	12 48 20.3
W45A	Hickory Valley	52.17 308	P	T	12 48 17.7 +0.1
H09W	TRISTAN DA CUN	52.35 152	T		13 44 38.7
SFIN	Lafayette	52.47 315	I	Amb	12 48 29.1
SFIN	comp-Z,11nm,0.8s				
OLIL	Olney	52.56 313	P	P	12 48 19.8 -0.7
O44A	Mansfield	53.35 314	P	P	12 48 30.6 +0.1
BNI	Bardonecchia	53.88 39	I	Amb	12 48 29.2 -1.0
BNI	comp-Z,28nm,1.5s				
LCAR	Lake Charles	53.97 308	P	P	12 48 30.7 -0.1
B10Z	San Fabi de	54.00 211	P	P	12 48 30.6 -0.5
W41B	Gary Mavity, V	54.57 307	P	P	12 48 35.6 +0.3
W41B	baz=106				
W41B	Gary Mavity, V	54.57 307	I	Amb	12 48 43.7
W41B	comp-Z,12nm,0.8s				
WHAR	Wooley Hollow	54.64 307	P	P	12 48 35.2 -0.6
WHAR	comp-Z,9.6nm,0.8s		I	Amb	12 48 44.0
CCM	Cathedral Cave	54.65 311	P	P	12 48 35.7 -0.1
CCM	baz=109				
CCM	Cathedral Cave	54.65 311	P	P	12 48 34.7 -1.1
CCM	comp-Z,9.5nm,0.8s		I	Amb	12 48 44.4
WCAR	Ozark Folk Cen	54.67 308	P	P	12 48 35.0 -1.0
FLAR	White Oak Lake	54.88 305	P	P	12 48 37.6 0.0
MGMO	Mountain Grove	55.15 309	I	Amb	12 48 48.1
N41A	Harden Midland	55.25 314	P	P	12 48 39.3 -0.8
U40A	Yellville	55.37 308	P	P	12 48 40.6 -0.5
U40A	baz=106				
U40A	Yellville	55.37 308	I	Amb	12 48 49.3
MIAR	Mount Ida	55.47 306	P	P	12 48 41.9 +0.1
R40A	Maddies Stato	55.49 311	P	P	12 48 41.7 -0.1
R40A	comp-Z,15nm,0.8s		I	Amb	12 48 50.3
JFWS	Jewell Farm	55.63 317	P	P	12 48 43.6 +0.8
JFWS	baz=113				
JFWS	Jewell Farm	55.63 317	P	P	12 48 42.1 -0.8
ECH	Echery	55.67 36	P	P	12 48 41.8 -1.2
ECH	comp-Z,9.7nm,0.9s		I	Amb	12 48 51.9
P40A	Paris	55.71 312	P	P	12 48 42.3 -1.2
W39A	Magazine	55.79 307	P	P	12 48 44.6 +0.6
W39A	baz=105				
W39A	Magazine	55.79 307	P	P	12 48 44.4 +0.3
W39A	comp-Z,13nm,0.8s		I	Amb	12 48 53.4
L40A	Anamosa	55.99 315	P	P	12 48 45.2 -0.2
L40A	comp-Z,17nm,0.9s		I	Amb	12 48 53.8
OSSC	Observatorio P	56.21 43	P	P	12 48 46.9 -0.1
BFO	Black Forest	56.41 37	I	Amb	12 48 47.9 -0.5
BFO	comp-Z,15nm,1.0s				
G40A	Rib Lake	56.53 319	P	P	12 48 49.8 +0.6
G40A	comp-Z,13nm,1.1s		I	Amb	12 48 58.4
P38A	Dawn	56.83 312	I	Amb	12 48 60.0
PLCA	Paso Flores	56.84 208	P	P	12 48 51.5 0.0
PLCA	comp-Z,5.4nm,1.0s,baz=42,slow=10,SNR=4.0				
PLCA	LR				13 13 53.8
PLCA	Paso Flores	56.84 208	I	Amb	12 49 00.5
PLCA	comp-Z,20nm,1.2s				
PLCA	Paso Flores	56.84 208	eP		12 48 52.5 +1.1
N38A	Joess South For	56.98 313	P	P	12 48 53.3 -0.2
FETA	Feichten	57.28 39	eP		12 48 53.7 -0.9
FETA	comp-Z,22nm,1.1s				
CTI	Castel Tesino	57.46 40	I	Amb	12 49 06.9
RETA	Reutte	57.50 38	iP		12 48 56.7 +0.6
TUL1	Leonard	57.55 307	P	P	12 48 57.2 +0.5
TUL1	baz=104				
MOTA	Moosalm	57.65 39	eP		12 48 54.7 -1.9
SQTA	Sankt Quirin	57.66 39	eP		12 48 57.9 -0.5
SQTA	comp-Z,11nm,0.6s				
WATA	Waldemar	57.94 39	eP		12 48 57.9 -1.4
WATA	comp-Z,12nm,1.1s				
WTTA	Wattenberg	57.94 39	eP		12 48 58.8 -0.5
I37A	Lemond, Waseca	58.17 317	P	P	12 48 59.9 -0.9
I37A	comp-Z,15nm,0.9s		I	Amb	12 49 09.1
SPMN	Marine on St.	58.21 318	P	P	12 49 01.7 +0.7
SPMN	baz=112				
SPMN	Marine on St.	58.21 318	P	P	12 48 59.0 -2.0
W35A	Tecumseh	58.24 306	P	P	12 49 00.3 -1.2
ABTA	Abfaltersbach	58.28 40	eP		12 49 01.5 -0.1
ZOU	Zoufplan	58.50 40	P	P	12 49 02.9 -0.4
ZOU	comp-Z,10nm,0.8s		I	Amb	12 49 12.4
PRED	Cave del Predi	58.84 40	P	P	12 49 06.1 +0.6
PRED	comp-Z,8.9nm,1.1s		I	Amb	12 49 16.4
F36A	Milaca	58.91 319	P	P	12 49 05.3 -0.7
F36A	comp-Z,8.0nm,1.0s		I	Amb	12 49 14.2
KBA	Koelnbreinsper	58.94 40	eP		12 49 05.5 -0.8

MYKA	Terra Mystica	58.95 40	eP	P	12 49 06.4 +0.1
MYKA	comp-Z,22nm,1.2s				
KSUI	Kansas State U	58.98 311	P	P	12 48 05.5 -1.0
GORS	Gorse	58.06 41	iP	P	12 49 07.3 -0.1
OBKA	Obir	59.49 41	eP	P	12 49 10.5 +0.4
BOJS	Bojanci	59.59 42	iP	P	12 49 11.1 +0.4
WMOK	Wichita Mounta	59.69 305	P	P	12 49 10.4 -1.2
WMOK	comp-Z,6.7nm,0.8s		I	Amb	12 49 19.4
GERES	GERESS Array B	59.85 38	P	P	12 49 11.0 -1.5
GERES	comp-Z,0.8nm,0.7s,baz=251,slow=6.3,SNR=5.9				
GERES	LR				13 13 43.0
JCT	Junction City	59.85 300	P	P	12 49 12.9 +0.1
JCT	baz=98				
JCT	Junction City	59.85 300	I	Amb	12 49 21.2
JCT	comp-Z,10nm,0.8s				
SOKA	Soboth	59.86 41	eP	P	12 49 12.3 -0.3
KHC	Kasperske Hory	59.89 38	eP	P	12 49 13.0 +0.3
KHC	comp-Z,200nm,17.6s				
KHC	Kasperske Hory	59.89 38	P	P	12 49 11.8 -0.8
GOLS	Golise	60.01 41	iP	P	12 49 13.8 +0.2
ABTX	Abilene, Hawle	60.03 303	P	P	12 49 14.3 +0.3
ABTX	baz=99				
ABTX	Abilene, Hawle	60.03 303	P	P	12 49 11.7 -2.3
ABTX	comp-Z,11nm,0.8s		I	Amb	12 49 22.3
ECSD	EROS Data Cent	60.28 316	P	P	12 49 15.1 -0.3
ECSD	comp-Z,128nm,19.1s,baz=264,slow=35				
ECSD	EROS Data Cent	60.28 316	I	Amb	12 49 24.1
ECSD	comp-Z,13nm,0.8s				
ARSA	Arzberg	60.38 40	iP	P	12 49 14.9 -1.2
ARSA	comp-Z,2nm,0.8s				
R32A	Long Quarter	60.40 309	P	P	12 49 15.9 -0.5
CLL	Collin	60.45 35	eS	S	12 57 35.0 +3.3
CLL	comp-Z,300nm,18.8s		Lm	MLR	13 12 00.0
BGNE	Belgrade	60.71 313	P	P	12 49 18.8 +0.3
BGNE	baz=105				
BGNE	Belgrade	60.71 313	P	P	12 49 16.7 -1.8
PRA	Prague	60.77 37	AMS	AMS	13 13 00.0
PRA	comp-Z,100nm,21.2s				
PRU	Pruhonice	60.80 37	AMS	AMS	13 12 50.0
PRU	comp-Z,200nm,14.1s				
BRG	Berggiesshubel	60.81 36	eP	P	12 49 23.5 +4.7
BRG	comp-Z,4.1nm,1.0s				
CONA	Conrad Observa	60.84 39	eP	P	12 49 18.5 -0.8
CONA	comp-Z,2.4nm,0.7s				
PVCC	Panska Ves	61.03 36	AMS	AMS	13 12 50.0
PVCC	comp-Z,200nm,16.5s				
CBKS	Cedar Bluff	61.27 310	P	P	12 49 22.2 -0.1
CBKS	baz=103				
CBKS	Cedar Bluff	61.27 310	P	P	12 49 20.1 -2.3
PDG	Podgorica	61.42 46	P	P	12 49 21.6 -1.6
UPVC	Upice	61.88 37	AMS	AMS	13 13 50.0
UPVC	comp-Z,100nm,13.8s				
CHVC	Chvalec	61.93 37	eP	P	12 49 26.9 +0.4
CHVC	comp-Z,6.0nm,0.6s,baz=96,slow=5.5,SNR=3.3				
CHVC	ex				12 49 35.0
ULM	Lac du Bonnet	61.99 323	P	P	12 49 26.1 -0.9
ULM	comp-Z,6.0nm,0.6s,baz=96,slow=5.5,SNR=3.3				
ULM	ex				12 49 26.2 -0.7
DPC	Dobruska-Polom	62.00 37	eP	P	12 49 27.3 +0.3
DPC	comp-Z,2nm,0.8s				
DPC	Ostas	62.01 37	eP	P	12 49 36.4
DPC	comp-Z,2nm,0.8s				
OSTC	Ostas	62.01 37	eP	P	12 49 27.8 +0.7
AMTX	Amarillo	62.07 305	I	Amb	12 49 35.6
AMTX	comp-Z,9.0nm,0.7s				
AMTX	ex				12 49 25.8 -2.0
AMTX	ex				12 49 43.4
KRLC	Kraljiky	62.17 37	eP	P	12 49 29.9 +1.7
KRLC	comp-Z,100nm,17.8s				
KRLC	AMS				12 49 37.0
KRLC	AMS				13 13 50.0
DIVS	Divibare	62.38 45	I	Amb	12 49 39.7
DIVS	comp-Z,7.0nm,1.0s				
MSTX	Muleshoe	62.82 304	P	P	12 49 33.2 +0.2
MSTX	baz=98				
TSUM	Tsumeb	62.95 117	P	P	12 49 33.9 -0.1
TSUM	comp-Z,2.8nm,0.7s,baz=302,slow=7.3,SNR=6.3				
TXAR	Lajitas Array	63.05 298	P	P	12 49 34.2 -0.3
TXAR	comp-Z,1.3nm,0.6s,baz=107,slow=7.2,SNR=19				
TX31	Lajitas Ar. S1	63.05 298	P	P	12 49 33.6 -1.0
TX32	Lajitas Array	63.05 298	P	P	12 49 34.4 -0.2
TX32	comp-Z,4.7nm,0.7s				
KSCO	Kaye Shedlock	63.52 309	P	P	12 49 38.7 +1.1
KSCO	comp-Z,1.1nm,1.0s				
KSCO	Kaye Shedlock	63.52 309	P	P	12 49 36.4 -1.2
KSCO	comp-Z,2nm,0.8s				
SUMG	Summit	63.78 0	P	P	12 49 38.9 0.0
GD12	Guadalupe Moun	63.93 301			

1d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLWA, A36M, KIRV, VNA3, DLBC, INK, SNA, DAWY, ARU, AKTO, TOLK, ILAR, GEYT, NRIK, SYO, BVAR, QSPA, HHC, CD2, CMAR, NJ2, ASAR, and others.

IDC 01 12:48:33.7.3.3, 29399S, 177.111W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/2, mbtmp3.4/2, Error ellipse: s-maj=65.0km s-min=49.7km az=75.0, Kermadec Islands

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

IDC 01 12:58:49.0.1.5, 24.25S, 66.90W, h179km, 13km, mb3.4/7, mb1 3.7/13, mb1mx3.6/23, mbtmp4.0/13, Error ellipse: s-maj=18.6km s-min=16.4km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PB06, PB09, PB05, PB10, AC01, and others.

IDC 01 12:58:49.0.1.0, 24.25S, 67.32W, h221km, 10km, ML4.3, GUC 01 12:58:48.6.0.8, 24.28S, 67.04W, h0.06, h179km, 8km, n47, c150/65, mb3.7/7, 7C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PB06, PB09, PB05, PB10, AC01, and others.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VAO, IPMB, BDFB, JANB, SMTB, PTGA, PRPB, GDU01, TXAR, TORO, PDAR, NVAR, MAW, YKA, ASAR, WRA, KURB, ZALV, MKAR, MKLR, MJAR, and others.

MAN 01 12:59:21.1, 18.89N, 120.58E, h43km, mb3.8, ML2.5, MS2.1, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIPP, APYV, ABRA, SGP, BOLP, SMP, BALP, and others.

SKO 01 13:08:15.9, 41.40N, 21.05E, h15km, TIR 01 13:08:16.7, 41.40N, 21.06E, h7km, Md2.6/4

PEK 01 13:08:20.1, 0.6, 41.44N, 21.09E, h9km, 3km, ML2.1/8, ISC 01 13:08:18.5, 1.1, 41.40N, 21.03E, h0.02, h6km, 10km, n25, c190/41, 4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHR, PPH, SKO, TIR, PUK, VAV, BCI, BARS, BOS, PDG, SELS, SJS, VTS, ZAPS, IVAS, BOVS, ROVS, DIVS, KJV, ZIJ, and others.

ATH 01 13:08:33.5, 37.58N, 23.45E, h14km, 4km, ML1.7/5, Error ellipse: s-maj=4.1km s-min=0.8km az=206.0, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DID, YDRA, KRND, LOUT, PTL, LON, DION, VLY, ATHU, and others.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARY, SERI, GUR, VLI, KLL, LKR, MRKA, KTHA, and others.

NNC 01 13:26:13.3, 0.3, 50.02N, 78.72E, h0km, mb3.6, mpv3.3, 20C-10D, Error ellipse: s-maj=3.0km s-min=1.6km az=69.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR07, KUR06, KUR14, KUR15, KUR16, KUR17, KUR04, SEM, MAZ, MAK, MK31, MK31, OTUK, OTUK, OTUK, BVA0, BVA0, BRVK, KTMS, and others.

AEIC 01 13:37:21.8, 1.3, 62.09N, 0.02, 152.39W, h0.06, h5km, 5km, ML3.3/85, Error ellipse: s-maj=4.2km s-min=3.4km az=62.0

IDC 01 13:37:23.0, 1.7, 62.04N, 1.51, 86W, h0km, mb3.5/2, mb1 3.7/6, mb1mx3.4/39, mbtmp3.3/6, ML3.0/4, Error ellipse: s-maj=30.1km s-min=12.1km az=108.0

ISC 01 13:37:19.6, 1.2, 62.16N, 0.02, 152.52W, h0.03, h5km, 9km, n107, c098/118, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKT, STLK, SPNL, CGLM, SPCG, SUA, CAST, CAPN, RDJH, PML, RSO, RDSD, GHO, RED, TTO1, TTA, SVW2, WAT1, SLKM, WAT2, SML, BPAW, KNK, RND, ILW, O22K, IVE, ILS, WAT6, MCK, PWL, BRK, SEW, HOM, BRSE, CNM, NEA2, GLI, WRH, FID, CCB, PS11, PS10, PAX, HDA, HDA, HIN, MDM, TCOL, TCOL, COLA, PS08, EYAK, ILAR, and others.

Table with columns: ILAR, 2.5nm, 0.3s, baz=222, slow=13, SNR=96, Sn, 13 38 56.4 -3.5, etc.

IDC 01 13:53:16.1... 2.175S:68.11W, h118km, 14km, mb3.6/2, mb1 3.6/5, mb1mx3.3/28, mbtmp3.6/5, Error ellipse: s-maj=35.7km s-min=19.7km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

SJA 01 14:22:10.6:0.9:33.71S:73.19W, h22km, 42km, ML4.9, MW5.1

mb5.1/130, ML5.0(GUC), Error ellipse: s-maj=10.5km s-min=6.4km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: CPUP, Villa Florida, 15.15 64 Pn Pn, 14 25 14.1 -0.9, etc.

1d 14h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like W57A Gilead, W51A Calhoun, W56A Indian Trail, etc.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like U40A baz=162, WMOK Wichita Moun, WMOK Wichita Moun, etc.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like BOSA comp=Z,7.3nm,0.7, baz=249,slow=4.9,SNR=8.7, BOSA Boshof, etc.

1d 16h

s-maj=23.6km s-min=14.0km az=73.0
ISC 01 15:46:17.1-0.6, 6.705, 0.05, 130.01E, 0.07, h146km, n33,
c262/40, mb4.3/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like SAUI, FAKI, Sorong, SLJI, etc.

NEIC 01 15:57:34.2-1.7, 3.65N, 0.10, 127.9E, 0.1, h163km, 10km,
mb4.5/17, Error ellipse: s-maj=18.4km s-min=12.5km
az=62.0
DJA 01 15:57:34.3-0.7, 4.1N, 7.12E, h149km, 11km, M4, 2/0,
mb4.5/2, mb4.2/6, MLV4/2/0, Mw(mb)3.7/2
IDC 01 15:57:34.9-4.1, 3.51N, 127.70E, h160km, 42km, mb3.6/6,
mb1.3/7.7, mb1mx3.1/46, mbtmp4.0/7, Error ellipse:
s-maj=58.2km s-min=24.2km az=72.0
ISC 01 15:57:29.2-1.1, 3.87N, 0.08, 128.34E, 0.10, h150km, n34,
c197/29, mb4.3/12, 1D, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like TMTI, KCP, LKBP, etc.

IDC 01 16:06:45.5-7.0, 5.04S, 154.45E, h96km, 5km, mb3.4/4,
mb1.3/6.5, mb1mx3.2/5.5, mbtmp3.7/5, ML3.2/1, MS3.3/1,
Ms1.3/3.1, ms1mx2.3/27, Error ellipse: s-maj=66.8km
s-min=28.9km az=121.0, Bougainville-Solomon Islands

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Main table with columns: region, Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various regions like KRVT, WRA, H11S3, etc.

Table with columns: HYT, TOLK, DAWY, SKAG, SKAG, BESE, WHY, CRAIG, BILL, EPYK, PEAOB, PETK, DLBC, INK, MA2, MA2, NLWA, YKA, YKA, F04A, F04A, H04A, H04A, G08A, G08A, I07A, I07A, MOD, ASAH, ERM, MCMT, EGMT, BOZ, NVAR, NVAR, NV11, ELK, ELK, YHL, YHL, YHL, KHR, KHR, R11A, R11A, R11A, H11N2, H11N2, H11N1, H11N1, BWO6, PD31, PDAR, PDAR, PDAR, MSU, H11S1, H11S2, H11S3, LCMT, U15A, U15A, O20A, O20A, INU, INU, CN2, CN2, ECSD, ECSD, NRIK, KRSR, KRSR, MNTX, MNTX, KBS, DAG, SPAO, SUMG, SUMG, TX31, TX32, TX32, TXAR, TXAR. Lists various stations and codes.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like SONM Songino Array, OLIL SCHO Schefferville, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like OBKA Obir, PRED Cave del Predi, MPR Mayaguez, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like GRNR, GYA Guiyang, GUMO Guam, etc.

BRG	comp=Z,5.5nm,0.8s	80.98 325 eP	P	16 40 09.8 -0.2
BRG	Berggiesshubel		pmax	
BRG	comp=Z,6.0nm,0.8s	80.98 325 eP	P	16 40 10.4 +0.4
BRG	Berggiesshubel			
PINE	Pine Mountain	81.08 44 P	P	16 40 11.4 +0.5
GOPC	GO Pecny, Ondr	81.16 324 eP	P	16 40 11.5 +0.5
GOPC	GO Pecny, Ondr	81.16 324 eP	P	16 40 11.5 +0.5
CLL	Colim	81.17 326 iIP	P	16 40 10.9 0.0
CLL	comp=Z,26nm,0.7s		ePP	16 43 10.0 +1.1
CLL	Colim	81.17 326 iIP	P	16 40 10.9 0.0
CLL	comp=Z,26nm,0.7s		pmax	
CLL	Colim	81.17 326 P	P	16 40 10.8 -0.1
CLL	Colim	81.17 326 eP	P	16 40 11.3 +0.3
TREC	Trest	81.19 323 eP	P	16 40 11.7 +0.6
PRU	Pruhonice	81.24 324 eP	P	16 40 11.9 +0.5
PRU	Pruhonice	81.24 324 eP	P	16 40 11.9 +0.5
FBE	Freiberg	81.24 325 eP	P	16 40 12.2 +0.8
DIVS	comp=Z,25nm,1.3s,baz=49,slow=5.1			16 40 14.1 -0.6
NEUB	Neuenburg	81.82 326 eP	P	16 40 14.8 +0.4
WALA	Waterlon Lakes	81.83 37 P	P	16 40 15.2 +0.5
CONA	Conrad Observa	81.83 322 iP	P	16 40 15.6 +1.0
CLZ	Clausthal	82.07 327 eP	P	16 40 15.5 +0.7
GUNZ	Gunzen	82.10 325 eP	P	16 40 16.4 +0.5
PLN	Plauen	82.10 325 eP	P	16 40 16.4 +0.5
NKC	Novy Kostel	82.12 325 eP	P	16 40 16.9 +0.9
NKC	Novy Kostel	82.12 325 eP	P	16 40 16.9 +0.9
WERN	Wernitzgrun	82.12 325 eP	P	16 40 16.6 +0.6
MOX	Moxa	82.26 326 eP	P	16 40 17.3 +0.5
KHC	Kasperske Hory	82.27 324 eP	P	16 40 17.3 +0.5
KHC	Kasperske Hory	82.27 324 eP	P	16 40 16.7 -0.1
KHC	comp=Z,12nm,0.8s		pmax	
KHC	Kasperske Hory	82.27 324 P	P	16 40 17.1 +0.3
GECC	GERESS Array S	82.38 323 P	P	16 40 17.8 -0.3
GECC	GERESS Array S	82.38 323 P	P	16 40 17.8 -0.3
GERES	GERESS Array B	82.38 323 P	P	16 40 17.2 -0.3
ARSA	Arzberg	82.43 321 iP	P	16 40 18.1 +0.4
MANZ	Manzberg	82.45 325 eP	P	16 40 18.4 +0.6
GTGG	Gottingen	82.45 327 eP	P	16 40 18.3 +0.6
ROTZ	Rotzenmuhle	82.54 325 eP	P	16 40 19.0 +0.8
BMO	Blue Mountains	82.57 42 P	P	16 40 18.7 +0.1
BMO	comp=Z,4.0nm,0.9s		pmax	
BMO	Blue Mountains	82.57 42 P	P	16 40 18.7 +0.1
WET	Wetzell	82.61 324 eP	P	16 40 19.2 +0.6
MOA	Molin	82.72 322 eP	P	16 40 19.7 +0.5
JOB	comp=Z,5.7nm,0.6s			16 40 20.2 +0.5
JOB	Circle Bar Ran	82.79 43 P	P	16 40 20.2 +0.5
JOB	comp=Z,7.9nm,0.5s		IAMB	16 40 21.7
UBBA	Unterbräich	82.92 327 eP	P	16 40 20.6 +0.6
IBBN	ibbenburen	82.95 329 eP	P	16 40 20.3 +0.1
PERS	Pernice	83.03 321 iP	P	16 40 21.1 +0.2
SOKA	Sootha	83.03 321 eP	P	16 40 21.4 +0.4
GRA1	Grabenberg Arr	83.08 325 P	P	16 40 21.4 +0.4
GRF	Grabenberg Arr	83.08 325 P	P	16 40 21.4 +0.4
GRF	comp=Z,23nm,0.8s		pmax	
GRF	Grabenberg Arr	83.08 325 eP	P	16 40 21.9 +0.9
PDG	Podgorica	83.23 316 iIP	P	16 40 21.9 0.0
PDG	Podgorica	83.23 316 P	P	16 40 21.6 -0.2
PDG	comp=Z,1.1nm,0.8s		IAMB	16 40 22.7
OBKA	Obir	83.22 321 eP	P	16 40 23.1 +0.2
RJOB	Jochb. S. 83.55 323 eP	P	P	16 40 23.4 -0.2
KBA	Koelnbreinspre	83.69 322 eP	P	16 40 24.3 -0.1
IDI	Anoyia	83.72 307 P	P	16 40 23.3 -1.3
LJU	Ljubljana	83.72 321 iP	P	16 40 24.3 0.0
BUG	Bochum-Union	83.76 328 eP	P	16 40 24.4 +0.1
MYKA	Terra Mystica	83.82 322 eP	P	16 40 24.6 -0.3
PRED	Cave del Predi	83.98 322 P	P	16 40 24.7 -1.0
TNS	Taunus Mts	84.06 327 eP	P	16 40 26.5 +0.5
ROBS	Robic	84.14 321 iP	P	16 40 25.5 -0.9
ZOU	Zouplian	84.22 322 eP	P	16 40 26.3 -0.8
ZOU	comp=Z,1.4nm,0.7s		IAMB	16 40 27.2
ABTA	Abfaltersbach	84.34 322 eP	P	16 40 27.1 -0.4
PAHR	Pah Rah Range	84.39 47 P	P	16 40 28.4 +0.4
WATA	Waldarim	84.45 323 iP	P	16 40 27.9 -0.2
WATA	Wattenberg	84.46 323 iP	P	16 40 28.1 -0.1
EGMT	Eagleton	84.61 36 P	P	16 40 28.9 0.0
ITM	Ithomi	84.63 310 P	P	16 40 27.9 -1.1
MOTA	Moosalm	84.68 323 eP	P	16 40 28.6 -0.7
STU	Stuttgart	84.68 325 eP	P	16 40 29.4 +0.3
SQTA	Sankt Quirin	84.71 323 eP	P	16 40 29.8 +0.6
RETA	Reutte	84.76 324 eP	P	16 40 30.3 +0.7
YERR	Yerington	84.91 47 P	P	16 40 30.9 +0.2
FETA	Feichten	85.09 323 eP	P	16 40 27.1 -4.3
BOZ	Bozeman (W)	85.23 38 P	P	16 40 32.7 +0.6
BOZ	comp=Z,2.0nm,0.8s		pmax	
BOZ	Bozeman (W)	85.23 38 P	P	16 40 32.7 +0.6
BFO	Black Forest	85.41 325 P	P	16 40 32.8 +0.1
KVN	Kaiserville	85.58 47 P	P	16 40 34.5 +0.5
KVN	comp=Z,7.0nm,0.9s		pmax	
KVN	Kaiserville	85.58 47 P	P	16 40 34.5 +0.5
FUORN	Ofenpass-Fuorn	85.59 323 P	P	16 40 34.6 +0.6
NVAR	Mina Array Bea	85.83 47 P	P	16 40 36.5 +1.2
YHL	Hebgen Lake	85.96 39 P	P	16 40 37.1 +0.8
YHB	Horse Butte	86.02 39 P	P	16 40 37.1 +0.8
NRCA	Norcia	86.55 319 IAMB	IAMB	16 40 40.9
NRCA	comp=Z,1.8nm,1.0s			16 40 45.8 +0.8
HWUT	Hardware Ranch	87.87 41 P	P	16 40 47.5
BW06	Boulder Array	88.22 40 P	P	16 40 46.6 -0.1
PD31	Pinedale Array	88.22 40 P	P	16 40 46.6 -0.2
PDAR	Pinedale Array	88.22 40 P	P	16 40 47.0 +0.3
ULM	comp=Z,1.8nm,0.7s,baz=33,slow=0.6,SNR=18			16 40 51.4 +0.4
ULM	Lac du Bonnet	89.24 28 P	P	16 40 51.0 0.0
ULM	comp=Z,1.5nm,0.8s,baz=33,slow=5.8,SNR=6.2			16 40 51.0 0.0
ULM	Lac du Bonnet	89.24 28 P	P	16 40 51.0 0.0
MSU	Marysvalde	89.53 44 P	P	16 40 53.7 +0.7

MSU	Marysvalde	89.53 44 P	P	16 40 53.7 +0.7
P17A	Butcher Ranch,	89.75 43 P	P	16 40 54.7 +0.9
KNB	Kanab	90.11 46 P	P	16 40 57.1 +1.5
KNB	comp=Z,5.0nm,0.9s		pmax	
KNB	Kanab	90.11 46 P	P	16 40 57.1 +1.5
SRU	San Rafael Swe	90.11 43 P	P	16 40 56.0 +0.4
SRU	San Rafael Swe	90.11 43 P	P	16 40 56.0 +0.4
SV09	Paradox Valley	91.43 43 P	P	16 40 61.9 +0.5
PV21	Cone Mtn., Par	91.48 42 IAMB	IAMB	16 41 02.3 +0.8
PV21	comp=Z,8.3nm,0.8s			16 41 03.9
PV23	Carpenter Ridge	91.43 42 P	P	16 41 02.8 +1.0
PV10	Paradox Valley	91.47 47 P	P	16 41 03.2 +1.3
N23A	Red Feather La	91.47 39 P	P	16 41 02.9 +1.0
N23A	comp=Z,5.0nm,0.9s			16 41 04.3
PV22	Blue Mesa, Par	91.50 42 P	P	16 41 03.0 +0.9
PV22	comp=Z,5.3nm,0.9s			16 41 04.4
PV20	West Nyswonger	91.53 43 P	P	16 41 03.2 +1.0
PV19	comp=Z,6.2nm,1.0s			16 41 04.6
PV19	Morning Glory	91.54 43 IAMB	IAMB	16 41 03.1 +0.8
PV19	comp=Z,6.7nm,0.8s			16 41 04.7
PV17	East Wray Mesa	91.58 43 P	P	16 41 03.3 +0.8
B35A	Bob, Littlefor	91.60 28 P	P	16 41 02.4 +0.4
B35A	comp=Z,9.3nm,0.9s			16 41 03.5
PV11	David Mesa, Par	91.61 43 P	P	16 41 03.5 +0.9
PV11	comp=Z,6.0nm,0.7s			16 41 05.1
PV18	Skein Mesa, Pa	91.63 43 P	P	16 41 03.2 +0.5
PV18	comp=Z,7.0nm,0.9s			16 41 05.5
PV05	Paradox Valley	91.63 43 P	P	16 41 03.5 +0.8
PV03	Paradox Valley	91.66 43 P	P	16 41 03.6 +0.8
PV13	Radium Mtn., P	91.74 43 IAMB	IAMB	16 41 04.2 +0.9
PV13	comp=Z,7.0nm,0.8s			16 41 05.4
WUAZ	Wupatki	91.97 46 P	P	16 41 04.9 +0.7
WUAZ	comp=Z,5.7nm,1.1s			16 41 07.2
ESDC	Sonsec Array	97.75 326 P	P	16 41 29.2 -1.2
TXAR	Lajitas Array	100.93 46 P	Pdf	16 41 45.2 +0.4
TXAR	comp=Z,0.2nm,0.6s,baz=318,slow=1.2,SNR=2.4			16 45 56.9 +2.6
TORD	Torodi Arr. Bea	113.89 304 PKIKP	PKIKP	16 46 32.2 -1.6
DBIC	Dimbokro	123.00 303 PKP	PKPdf	16 46 50.4 -0.9
LPAZ	La Paz	157.62 53 PKPab	PKPab	16 48 24.0 -0.8
LPAZ	comp=Z,1.0nm,0.7s,baz=359,slow=3.1,SNR=4.4			16 48 24.0 -0.8

NEIC 01 16:39:52.1±2.4, 14.3S:0.1x167.4E:0.2,h200km,8km,
mb4/6/16, Error ellipse: s-maj=30.4km s-min=18.1km
bz=10.0
IDC 01 16:39:58.0±0.4, 14.28S:167.14E,h250km,39km,
mb3/6/10,mb1 3.6/11,mb1mx3.4/31,mb1mp4.1/11, Error
ellipse: s-maj=33.5km s-min=24.4km az=136.0
ISC 01 16:39:52.3±1.0, 14.07S:0.09:167.3E:0.2,h200km,n29,
i123/29,mb4.2/16, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SANVU	Sarautout	1.37 183	Op	h m s ISC	16 40 23.5 -1.5
DZM	Mont Drumac	8.00 186	P	1.7nm,0.2s	16 41 48.5 +2.9
DZM	0.3nm,0.3s,baz=72,slow=20,SNR=6.6				
EIDS	Eidsvold	18.93 231	P	S	16 43 16.8 +0.8
EIDS	0.0nm,0.3s,baz=330,slow=20,SNR=2.6				16 43 58.7 +0.4
CTA	Charters Tower	20.96 251	P	IAMB	16 44 46.4
CTA	comp=Z,4.2nm,1.9s				16 44 21.7 +1.5
CTA	Charters Tower	20.96 251 P	P	16 44 21.3 +1.2	
ARMA	Armidale	21.74 219	P	P	16 48 28.0 -0.2
ARMA	comp=Z,5.0nm,1.7s				16 45 19.5
STKA	Stevens Creek	29.43 229	P	IAMB	16 45 37.5 0.0
STKA	comp=Z,3.0nm,0.5s,baz=36,slow=10,SNR=17				16 45 45.6 -0.2
TOO	Toolang	30.39 216	P	P	16 45 57.6 -0.9
WR0	Warramunga Arr	31.82 255	P	IAMB	16 46 08.8
WR0	comp=Z,1.8nm,1.6s				16 45 58.2 -1.4
WB0	Warramunga Arr	31.94 255	P	IAMB	16 46 17.9
WB2	Warramunga Arr	31.99 255	P	IAMB	16 45 59.2 -0.9
WB2	comp=Z,2.0nm,1.5s				16 46 51.0
WRA	Warramunga Arr	32.00 255	P	P	16 45 58.6 -1.6
AS31	Alice Springs	32.92 248	P	P	16 46 06.5 -1.7
ASAR	Alice Springs	32.92 248 P	P	16 46 06.6 -1.6	
BBOO	Bucklebo	34.00 231	P	P	16 46 16.8 -0.4
BBOO	comp=Z,3.6nm,1.7s				16 46 48.9
KNRA	Kunmura	37.23 263	P	IAMB	16 46 44.6 -0.4
FORT	Forrest	39.65 239	P	IAMB	16 47 03.8 -1.1
FITZ	Fitzroy Crossi	40.15 259	P	IAMB	16 47 09.1 -0.2
FITZ	comp=Z,2.9nm,1.2s				16 47 46.6
NWAO	Narrogin (SRO)	49.10 239	P	P	16 48 18.6 -1.1
PETK	Petrovskovsk	67.41 354	P	P	16 50 27.2 +1.2
CMAR	Chiang Mai Arr	74.70 294	P	P	16 51 12.1 +1.5
CMAR	comp=Z,0.6nm,0.8s,baz=138,slow=5.3,SNR=3.4				16 51 15.7 -1.3
QSPA	South Pole Qui	75.95 180	P	P	16 51 51.3 +1.3
SONM	Songino Array	81.98 324	P	P	16 51 51.3 +1.3
MAW	Mawson	82.50 202	P	P	16 51 51.0 -1.2
MAW	comp=Z,1.0nm,0.6s,baz=18,slow=9.6,SNR=2.0				16 51 52.5
MKAR	Makanchi Array	96.74 316	P	IAMB	16 53 00.8 +0.7
MKAR	comp=Z,0.7nm,1.4s				16 53 00.8 +0.7
ZALV	Zalesovo Beam	96.87 324	P	P	16 52 59.9 -0.6
ZALV	comp=Z,0.4nm,0.4s,baz=122,slow=5.0,SNR=3.8				16 58 17.3 -0.5
ARCES	ARCESS Array B	119.62 346	PKP	PKPdf	16 58 28.3 -0.5
ARCES	comp=Z,1.1nm,0.6s,baz=72,slow=20,SNR=5.2				16 58 28.3 -0.5
FINES	FINESS Array B	125.12 338	PKP	PKPdf	16 58 28.3 -0.3
FINES	comp=Z,0.4nm,0.7s,baz=19,slow=4.7,SNR=1.6				

IPEC 01 16:46:30.1±0.3, 49.82N:18.58E,h0km,ML2.7/3, Error
ellipse: s-maj=2.1km s-min=1.7km az=75.0
BGR 01 16:46:30.1±0.4, 49.82N:18.47E,h1km,ML3.1/12, Error
ellipse: s-maj=11.1km s-min=10.0km az=107.0
ISC 01 16:46:28.9±0.8, 49.88N:0.03:18.57E:0.02,h0km,n53,
i166/89, Czech and Slovak Republics

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
OKC	Ostrava-Krasne	0.27 262	eP	h m s ISC	16 46 35.8 -0.9
OKC	comp=Z,3.5nm,0.8s				16 46 42.9 -0.6
OKC	Ostrava-Krasne	0.27 262	eP	Sg	16 46 39.3 +1.6
MORC	Moravsky Berou	0.67 262	eP	Pb	

1d 18h

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

IDC 01 16:51:44.2.1.8, 11717S-117.66E, h0km, mb3.6/2, mb1 3.7/5, mb1mx3.4/29, mbtmp3.5/5, ML3.6/3, MS3.0/2, Ms1 3.0/2, ms1mx2.5/34, Error ellipse: s-maj=58.8km s-min=26.9km az=53.0, South of Sumbawa

HLW 01 17:12:49.6.34'63N-26'70E, h25km-8km, Md4.0, M4.3 ISK 01 17:12:55.6.34'40N-26'78E, h22km, ML3.4/12 ATH 01 17:12:56.2.34'46N-26'73E, h88km, 7km, ML3.2/4, Error ellipse: s-maj=9.6km s-min=3.5km az=148.0

IDC 01 17:12:56.2.2.0.34'40N-26'79E, h41km, 23km, mb3.5/9, mb1 3.5/14, mb1mx3.4/43, mbtmp3.6/14, ML3.6/5, MS3.0/2, Ms1 3.0/2, ms1mx2.4/39, Error ellipse: s-maj=23.6km s-min=15.8km az=15.0

THE 01 17:12:56.8.34'27N-26'79E, h67km-8km, ML3.3/11, Error ellipse: s-maj=9.9km s-min=1.2km az=350.0 DDA 01 17:12:57.6.34'57N-26'94E, h8km, 3km, ML3.0 ISC 01 17:12:54.9.1.1.34'28N-0'04.26'86E, 0.04, h36km, 2km, n103, e181/128, mb3.6/9, Crete

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

IDC 01 17:36:36.0.13.0, 46.75N-152.59E, h0km, mb3.7/4, mb1 3.6/5, mb1mx3.3/31, mbtmp3.6/5, ML3.2/1, MS3.2/1, Ms1 3.2/1, ms1mx2.3/44, Error ellipse: s-maj=305.9km s-min=45.4km az=140.0, Kuril Islands

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

2014 JUL

Table with columns: SLUM, Salum, 2013 10 27, P, Pn, 17 13 40.2 -1.1, etc. Includes stations like SAUI, SAUI, SOEI, etc.

IDC 01 18:07:42.30.7.8'S;7.119'E, h278km, 10km, M3.7/6, mb3.9/1, MLV3.6/6, Flores Sea

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

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

DJA 01 18:07:42.30.7.8'S;7.119'E, h278km, 10km, M3.7/6, mb3.9/1, MLV3.6/6, Flores Sea

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

GLKZ Green Lake 1.27 324 P Pn 18 12 12.1 -1.5	WRO Warramunga Arr 44.71 272 P P 18 20 02.2 -0.8	QZH S S 18 34 27.1 -1.2
GLKZ Raoul Island 1.27 325 Pn Pn 18 12 10.6 -3.2	WRO comp=Z,28nm,0.8s 18 20 13.1	S pmax pmax
RAO 1um,0.3s,baz=103,slow=8.2,SNR=26 Sm Sn 18 12 28.2 -2.0	WB2 Warramunga Arr 44.88 272 P P 18 20 02.3 -2.0	QZH comp=Z,230nm,12.3s LR LR
RAO 6um,0.3s,baz=71,slow=23,SNR=15 Sm Sn 18 12 12.0 -1.9	WB2 comp=Z,41nm,0.7s P IAMB IAMB 18 20 13.9	QZH comp=Z,320nm,16.0s LR LR
RAO Raoul Island 1.27 325 Pn Pn 18 12 11.4 -2.4	WRAB Tennant Creek 44.89 272fP P P 18 20 03.5 -0.9	QZH comp=Z,310nm,17.2s 82.72 332 P P 18 24 13.5 +0.5
RIZ Raoul Island 1.29 324 P Pn 18 12 12.0 -1.9	WRAB comp=Z,15nm,0.6s 44.89 272 P P 18 20 02.7 -1.6	ASAJ Kamikawa-asashi 82.72 332 P P 18 24 13.5 +0.5
RIZ Matakaoa Point 8.20 207 P Pn 18 12 28.5 -1.9	WRAB Tennant Creek 44.89 272 P P 18 20 13.9	ASAJ comp=Z,37nm,1.0s 82.89 288 P P 18 24 14.7 -0.1
MXZ Matakaoa Point 8.20 207 P Pn 18 13 49.2 +0.3	WRA Warramunga Arr 44.90 272 P P 18 20 04.0 -0.4	Tat Nikolski High 82.89 288 P P 18 24 15.7 +0.3
MXZ Waioamatini S 8.38 205 Pn Pn 18 13 47.0 -1.9	WRA comp=Z,14nm,0.7s,baz=112,slow=7.6,SNR=45 LR LR 18 37 44.0	BIO2 San Fabin de 83.74 129 P P 18 24 18.2 -0.6
WMGZ Waioamatini S 8.38 205 Pn Pn 18 13 49.9 -1.5	WBO Warramunga Arr 44.92 272 P P 18 20 03.7 -0.9	BIO2 comp=Z,23nm,1.2s 84.04 343 eP P 18 24 17.9 -1.7
PKGZ Pakihiroa 8.57 207 P Pn 18 15 26.7 +1.4	FOR Forest 46.85 255 P P 18 20 19.1 -0.6	SKR Severo-Kuril's 84.04 343 eP P 18 29 32.3
PKGZ Te Kaha 8.57 208 P Pn 18 13 51.4 -2.7	VNDA Vanda 48.28 186 P P 18 20 33.4 +3.3	SKR eS P 18 34 40.2 -2.0
HAZ Te Kaha 8.57 208 P Pn 18 15 20.7 -0.1	VNDA comp=Z,5.9nm,1.2s,baz=14,slow=3.1,SNR=10 LR LR 18 38 13.4	SKR pmax pmax
HAZ Puketiti 8.66 205 P Pn 18 13 52.4 -3.0	VNDA comp=Z,902nm,19.9s,baz=14,slow=3.1,SNR=10 LR LR 18 20 29.1 -1.0	SKR comp=Z,19nm,1.3s pmax pmax
PUZ Raukumara Rang 8.80 208 P Pn 18 15 29.9 -2.4	VNDA Vanda 48.28 186 P P 18 20 29.1 -1.0	SKR comp=Z,200nm,8.5s pmax pmax
PUZ Raukumara Rang 8.80 208 P Pn 18 15 35.0 -0.7	VNDA Vanda 48.28 186 P IAMB IAMB 18 21 14.4	TJN Taejon 84.36 318 deP P 18 24 22.5 +0.9
RUGZ Raukumara Rang 8.80 208 P Pn 18 14 03.3 +6.1	VNDA comp=Z,34nm,1.9s 48.28 186 P IAMB IAMB 18 20 31.5 -1.7	SSE Sheshan 84.65 311 P P 18 24 25.0 +1.9
KUZ Kuaotunu 8.80 221 P Pn 18 14 07.9 +6.2	JAY Jayapura 48.57 296 P P 18 20 31.5 -1.7	SSE comp=Z,13nm,0.7s pmax pmax
CNGZ Carnagh Statio 9.05 204 P Pn 18 13 58.2 -2.4	MTN Manton Dam 50.76 278 P P 18 20 48.4 -1.5	SSE comp=Z,160nm,8.1s LR LR
CNGZ Waipu Caves 9.13 230 P Pn 18 15 40.8 -0.8	KNRA Kununurra 51.50 274 P IAMB IAMB 18 21 00.9	SSE comp=Z,140nm,18.2s LR LR
WVZ Matawai 9.17 208 P Pn 18 14 07.9 +6.2	SAU Saumlaki 53.06 284 P P 18 21 06.8 +0.7	KSRS comp=Z,120nm,17.9s LR LR
WVZ Matawai 9.17 208 P Pn 18 13 59.6 -2.7	FITZ Fitzroy Crossi 53.16 269 P P 18 21 08.4 -1.0	SKR comp=Z,3.7nm,0.9s,baz=141,slow=5.6,SNR=17 LR LR
WVZ Matawai 9.17 208 P Pn 18 15 43.4 -1.4	FITZ Fitzroy Crossi 53.16 269 P IAMB IAMB 18 21 07.3 -0.3	KSRSS Yuzh-Sakhalin 85.01 334 jfP P 18 24 22.6 -1.1
OPRZ Ohinepanea 9.20 213 P Pn 18 14 03.6 +1.0	FITZ Fitzroy Crossi 53.16 269 P IAMB IAMB 18 21 07.3 -0.3	YSS YSS 85.01 334 jfP P 18 24 26.0 +1.4
OUZ Omahuta 9.26 236 P Pn 18 14 07.7 +4.2	NWAO Narrogin (SRO) 55.18 249 P Pmax 18 21 20.8 -1.6	YSS comp=Z,50nm,0.9s pmax pmax
OUZ Omahuta 9.26 236 Pn Pn 18 14 01.1 -2.7	NWAO comp=Z,66nm,1.6s 55.18 249 P IAMB IAMB 18 22 18.6	YSS smax smax
URZ Urewera 9.28 210 P Pn 18 14 04.8 -7.4	NWAO Narrogin (SRO) 55.18 249 P IAMB IAMB 18 21 21.0 -1.3	YSS Yuzh-Sakhalin 85.01 334 P P 18 24 24.7 +0.2
RAGZ Rawiri 9.36 208 P Pn 18 14 04.8 -7.4	NWAO comp=Z,66nm,1.6s 55.18 249 P IAMB IAMB 18 22 18.7	BOO2 Sierra Bellavi 85.10 128 P IAMB IAMB 18 24 29.8
PRGZ Paritu Road 9.55 204 P Pn 18 14 03.6 -3.9	CASY Casey 55.60 208 P P 18 21 26.3 +1.5	MONP Mount Peak 85.10 47 P P 18 24 26.3 +0.6
MUGZ Murupara 9.61 210 P Pn 18 14 07.0 -1.7	PSAO South Pole Qui 56.77 263 P IAMB IAMB 18 22 12.7	IKP In-Ko-Pah, Jac 85.15 48 P P 18 24 26.0 +0.3
SNGZ Shannon Statio 9.63 207 P Pn 18 14 06.5 -3.3	GUMU Guam 56.98 314 P Pmax 18 21 33.2 -2.0	BFSC Mount Baldy Ra 85.21 276 P P 18 24 26.2 +0.1
KNZ Kohoku 9.85 205 P Pn 18 14 10.1 -1.5	GUMU comp=Z,400nm,1.8s 56.98 314 P Pmax 18 21 36.7 -1.1	IPM Ipoh 85.27 48 P IAMB IAMB 18 24 36.3
RAHZ Arahi 9.90 209 P Pn 18 14 14.7 -1.5	MORW Morawa 57.33 253 P IAMB IAMB 18 21 39.4	IPM comp=Z,14nm,0.8s 85.27 278 P P 18 24 26.0
MTHZ Maungataniwha 10.18 207 P Pn 18 14 15.1 -2.8	SOEI Soe 58.13 278 P P 18 22 45.1 +2.5	MT01 Vestal, Richgr 85.42 44 P P 18 24 27.0 +0.1
ARHZ Aropoanui 10.18 207 P Pn 18 14 14.7 -1.5	GSPA South Pole Qui 59.81 180 P P 18 21 57.4 +2.8	EDW2 Edwards Air Fo 85.43 45 P P 18 24 26.8 -0.3
BKZ Black Stump Fm 10.31 209 Pn Pn 18 14 15.4 -3.4	QSPA comp=Z,15nm,1.0s,baz=34,slow=3.6,SNR=18 59.81 180 P P 18 21 56.8 +2.2	TPFO Pinon Flats 85.55 47 P P 18 24 27.2 -0.7
HIZ Hauiti 10.31 209 Pn Pn 18 14 29.7 +8.4	GIRL Giralia 61.15 259 P P 18 22 04.7 +0.5	PFO Pinoy Flats O 85.55 47fP Pmax pmax 18 24 27.8 0.0
KRHZ Kereru 10.76 208 P Pn 18 14 29.7 +8.4	JCW Chichijima 69.10 321 P P 18 22 56.1 +0.5	PFO comp=Z,13nm,1.1s 85.55 47 P P 18 24 26.9 -0.9
VRZ Vera Road 11.07 215 P Pn 18 14 28.7 -2.1	MAW Mawson 72.68 200 P Pmax 18 55 51.2	PFO Pinoy Flats O 85.55 47 P IAMB IAMB 18 24 27.4 -0.4
ANWZ Angora Road 11.42 206 P Pn 18 14 31.9 -1.1	MAW comp=Z,7.0nm,1.4s 72.68 200 P Pmax 18 23 17.6 +0.8	XPFO Pinon Flat 85.55 47 P P 18 24 27.4 -0.4
BFZ Birch Farm 11.70 206 Pn Pn 18 14 32.4 -4.5	MAW Mawson 72.68 200 P P 18 23 17.6 +0.8	XPFO comp=Z,19nm,1.4s 85.55 47 P IAMB IAMB 18 24 45.4
BZF Birch Farm 11.70 206 Pn Pn 18 14 31.2 -5.6	SBUM Sibiu 74.68 282 P P 18 23 29.0 -1.4	PET Petropavlovsk 85.63 346 eP P 18 24 27.2 -0.3
TMWZ Te Maipua 12.20 206 P Pn 18 14 31.2 -5.6	SBUM Sibiu 74.68 282 P IAMB IAMB 18 23 32.1	PET eS P 18 34 56.6 -1.2
OGWZ Otaki Gorge 12.24 209 P Pn 18 14 40.8 -3.5	KSM Kuching 75.79 280 P IAMB IAMB 18 23 34.8 -1.1	PET eP S PnS 18 35 52.6 -4.1
MSWZ Moikau Station 12.71 207 Pn Pn 18 14 48.7 -2.1	KSM comp=Z,47nm,1.8s 75.79 280 P P 18 23 34.0	PET comp=Z,400nm,13.9s pmax pmax
PLWZ Palliser 12.84 207 Pn Pn 18 14 51.6 -0.9	SYO Syowa Base 77.39 193fP P P 18 23 44.2 +0.2	PET comp=Z,200nm,13.0s pmax pmax
BHW Baring Head 12.86 208 Pn Pn 18 14 52.2 -0.5	SYO Syowa Base 77.39 193fP P P 18 23 48.0 +4.0	ISA Isabella, Lake 85.67 44 P P 18 24 28.5 +0.2
NIUE Niue 12.92 32 P Pn 18 14 42.8 -1.1	SNAI Sanae 78.23 178 LR LR 18 23 49.7 +0.9	ISA Isabella, Lake 85.67 44 P P 18 24 28.5 +0.2
TUWZ Tuamarina 13.27 211 P Pn 18 15 34.8 -3.8	SNAI comp=Z,728nm,18.1s,baz=200,slow=35 78.23 178 deP Pmax pmax 18 23 49.2 +0.4	ISA Isabella, Lake 85.67 44 P P 18 24 28.5 +0.2
MSVF Nonsavu 13.28 339fP Pmax pmax 18 14 55.6 -3.0	SNAI comp=Z,19nm,1.3s 78.23 178 P P 18 23 48.2 -0.6	ISA QIZ Qiongzhong 85.68 295 S S 18 34 59.9 +0.1
MSVF comp=Z,9.0nm,0.7s 13.28 339 Pn Pn 18 14 56.1 -2.4	INU Inuyama 78.30 323 P IAMB IAMB 18 23 49.1 -0.4	MT02 Curacav 85.70 126 P IAMB IAMB 18 24 28.7 +0.1
MSVF Blackbirch Sta 13.53 210 Pn Pn 18 15 07.6 -0.9	COYC Coyhaique 78.45 136 P IAMB IAMB 18 23 56.5	PEA0B Petropavlovsk 85.92 345 P Pmax 18 24 29.2 +0.2
THZ Tophouse 14.01 213 Pn Pn 18 15 07.0 -4.7	MJAR Matsuhiro Arr 78.62 325 P P 18 23 50.0 -1.2	PEA0B comp=Z,58nm,1.5s 85.92 345 P Pmax 18 24 29.2 +0.2
KHZ Kahutara 14.25 209 Pn Pn 18 15 07.0 -4.7	MJAR Matsuhiro Arr 78.62 325 P P 18 23 50.0 -1.2	PETK Petropavlovsk 85.92 345 P P 18 24 28.8 -0.2
LHZ Lake Taylor 15.10 212 P Pn 18 15 25.9 -4.3	MAJO Matsuhiro 78.62 325cfP Pmax pmax 18 23 50.8 -0.4	PETK comp=Z,364nm,19.5s,baz=151,slow=33 LR LR 18 58 55.7
OXZ Oxford 15.64 211 Pn Pn 18 15 39.5	MAJO comp=Z,25nm,0.9s 78.62 325 P IAMB IAMB 18 24 05.0	KULM Kulim 86.01 278 P P 18 24 29.0
MGZ McQueen's Vall 15.68 209 Pn Pn 18 15 27.0 -3.8	MAT Matsuhiro 78.62 325 P S 18 23 50.9 -0.3	TEY Ternei 86.01 329fP Pmax pmax 18 24 30.3 +0.7
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	MJB9 Matsu-Tunnel 78.62 325 P IAMB IAMB 18 24 04.9	TEY comp=N,10.0nm,1.1s pmax pmax
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	VNA2 Neumayer-Watz 78.80 177 P P 18 23 53.3 +1.5	LRMC Laurel Mtn Rad 86.02 45 P P 18 24 30.3 +0.2
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	VNA1 Neumayer-Stat 79.02 176 P P 18 23 54.1 +1.2	PEL Peldehue 86.08 126 P P 18 24 30.8 +0.2
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	NVL N'Azarevskaya 79.02 183 eP S 18 33 53.9 +3.8	PEL comp=Z,64nm,1.3s 86.08 126 P P 18 24 30.8 +0.2
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	NVL comp=Z,9.0nm,0.7s 79.02 183 eS Pmax pmax 18 24 31.2 +0.6	CMB Columbia Cole 86.15 41 P Pmax 18 24 30.1 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	NVL comp=Z,857nm,17.0s 79.02 183 P P 18 23 54.2 -0.5	CMB comp=Z,12nm,1.1s 86.15 41 P P 18 24 30.1 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	NJNU Nakatsue 80.02 318 P P 18 23 57.8 -1.2	CMB Columbia Cole 86.15 41 P P 18 24 30.1 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	NJNU comp=Z,4.8nm,0.8s,baz=329,slow=2.9,SNR=4.7 80.02 318 P IAMB IAMB 18 24 07.6	RPSI Rantau Prapat 86.17 275 P IAMB IAMB 18 24 51.3
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	TPUB Ta-upu 80.08 304 P P 18 24 05.1 +1.0	BC3 Big Chuckwall 86.22 47 P P 18 24 32.1 +1.0
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	SSLB Suanglung 80.16 305 P P 18 23 57.0 -3.0	PSI Prapat 86.22 275 P P 18 24 29.7 -1.9
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	ERM Erimo 80.75 331fP Pmax pmax 18 24 04.4 +1.8	GLA Glamis 86.23 48 P Pmax 18 24 31.2 +0.1
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	ERM Erimo 80.75 331 P P 18 24 03.5 +0.8	GLA comp=Z,21nm,1.2s 86.23 48 P IAMB IAMB 18 24 34.8
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	ERM comp=Z,37nm,1.1s 80.75 331 P IAMB IAMB 18 24 07.3	O02D Mt. Diablo Mer 86.31 39 P P 18 24 32.4 +1.0
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	YUK Yuzh-Kuril'sk 81.37 334 eP P 18 24 06.1 +0.3	CWC Cottonwood Cre 86.42 44 P P 18 24 32.2 +0.1
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	YUK comp=Z,24nm,0.9s 81.37 334 eS S 18 27 19.0	HEC Hector,Ludlow 86.42 46 P P 18 24 32.2 +0.2
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	YUK Mykoma Kota Tinggi 81.47 277 P P 18 24 09.0	GSC Goldstone, Bar 86.44 45 P P 18 24 31.6 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	KUR Kuril'sk 81.66 336 eS S 18 24 07.6 +0.3	GSC comp=Z,29nm,1.5s 86.44 45 P P 18 24 32.5 +0.4
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	KUR comp=Z,128nm,2.3s 81.66 336 Pmax pmax 18 24 05.3 +7.2	GSC Goldstone, Bar 86.44 45 P IAMB IAMB 18 24 31.6 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	ADK Adak 81.83 0 P Pmax 18 24 08.3 +0.2	GSC comp=Z,29nm,1.4s 86.44 45 P P 18 24 35.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	ADK comp=Z,81nm,1.3s 81.83 0 P P 18 24 08.3 +0.2	AFDM Forest Hills D 86.45 40 P P 18 24 31.2 -0.8
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	PLCA Paso Flores 81.99 133 P P 18 24 10.7 +1.0	MRVC Manuel Prospec 86.52 44 P P 18 24 32.3 -0.3
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	PLCA comp=Z,15nm,1.1s,baz=253,slow=4.1,SNR=8.6 LR LR 18 53 08.8	ORV Oroville 86.58 40 P Pmax 18 24 32.1 -0.5
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	PLCA comp=Z,418nm,19.4s,baz=270,slow=30 LR LR 18 24 10.3 +0.7	
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	PLCA comp=Z,39nm,1.3s 81.99 133 P Pmax 18 24 10.3 +0.7	
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	PLCA Paso Flores 81.99 133 P IAMB IAMB 18 24 13.9	
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	LC01 Cunco 82.13 131 P P 18 24 12.4 +2.1	
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	BIO3 Tigo 82.45 128 P P 18 24 13.3 +1.3	
RPZ Rata Peaks 16.38 212 Pn Pn 18 15 38.6 -1.3	QZH Quanzhou 82.56 304 jfP P 18 24 13.3 +0.7	

OUZ	Omahuta	9.23 235	Pn	Pn	18 21 40.9	+5.4
URZ	Urewera	9.29 209	Pn	Pn	18 21 34.0	-2.2
BKZ	Black Stump Fm	10.31 209	Pn	Pn	18 21 47.4	-2.9
HFZ	Haurangi	10.56 217	Pn	Pn	18 21 53.0	-0.6
BIZ	Birch Farm	11.71 206	Pn	Pn	18 22 05.4	-3.9
MSWZ	Mokai Station	12.72 207	Pn	Pn	18 22 31.1	-2.1
TUWZ	Tuaranui	13.28 210	Pn	Pn	18 22 27.2	-3.6
NNZ	Nelson	13.36 212	Pn	Pn	18 22 28.7	-3.2
QRZ	Quartz Range	13.48 216	Pn	Pn	18 22 32.2	-1.3
BSWZ	Blackbirch Sta	13.54 210	Pn	Pn	18 22 33.4	-0.9
THZ	Tophouse	14.01 212	Pn	Pn	18 22 40.0	-0.8
KHZ	Kahurangi	14.85 218	Pn	Pn	18 22 38.2	-5.3
LTZ	Lake Taylor	15.11 211	Pn	Pn	18 22 51.8	-3.9
LTZ			Iamb	Iamb	18 23 21.4	
OXZ	comp=Z,109nm,1.7s					
OXZ	Oxford	15.64 211	Pn	Iamb	18 22 56.5	-6.2
MOZ	comp=Z,1.01nm,1.4s					
MOZ	McQueen's Vall	15.69 208	Pn	Iamb	18 22 58.0	-5.2
RPZ	Rata Peaks	16.39 212	Pn	Pn	18 23 08.4	-3.8
RPZ	comp=Z,1.2nm,0.3s,baz=55,slow=18,SNR=1.6					
RPZ	Rata Peaks	16.39 212	Pn	Iamb	18 23 08.2	-4.0
RPZ			Iamb	Iamb	18 23 49.9	
DZM	Mont Dzumac	16.82 295	P	P	18 23 24.2	+4.3
DZM	comp=Z,1.0nm,0.3s,baz=65,slow=18,SNR=7.3					
DZM	Mont Dzumac	16.82 295	P	Iamb	18 23 22.6	+2.8
DZM			Iamb	Iamb	18 23 25.6	
FOZ	comp=Z,134nm,1.7s					
FOZ	Fox Glacier	16.84 215	Pn	Pn	18 23 15.2	-2.7
FOZ			Iamb	Iamb	18 24 02.5	
LBZ	comp=Z,304nm,1.9s					
LBZ	Lake Benmore	17.30 212	Pn	Iamb	18 23 20.8	-2.9
ODZ	comp=Z,172nm,2.0s					
ODZ	Otauhu Downs	17.62 210	Pn	Iamb	18 23 24.8	-2.8
ODZ			Iamb	Iamb	18 23 29.4	
WKZ	comp=Z,145nm,1.7s					
WKZ	Wanaka	18.18 213	Iamb	Iamb	18 23 31.2	-3.3
MLZ	comp=Z,222nm,1.9s					
MLZ	Mavora Lakes	19.01 213	P	Pn	18 23 43.4	-1.2
MLZ			Iamb	Iamb	18 23 44.8	
WHZ	Wether Hill Ro	19.48 213	P	P	18 23 47.6	-1.3
ARMA	Armidade	26.91 262	P	P	18 25 04.1	+0.9
EIDS	Eidsvold	28.47 272	P	P	18 25 17.0	-0.1
TOO	Toolangi	31.70 247	P	P	18 25 46.9	+1.3
CTA	Charters Tower	34.50 278	P	P	18 26 10.8	+0.5
CTAO	comp=Z,2.2nm,0.6s,baz=101,slow=10,SNR=8.6					
CTAO	Charters Tower	34.50 278	P	Iamb	18 26 11.9	+1.7
CTAO			Iamb	Iamb	18 26 34.4	
STKA	comp=Z,1.5nm,0.8s					
STKA	Stephens Creek	35.23 257	P	P	18 26 17.7	+1.3
STKA	comp=Z,5.5nm,0.6s,baz=103,slow=12,SNR=12					
STKA	Stephens Creek	35.23 257	P	P	18 26 18.0	+1.6
BBOO	Buckleboe	39.72 254	P	P	18 26 55.0	+0.5
AS31	Alice Springs	43.85 266	P	P	18 27 28.0	-0.2
ASAR	Alice Springs	43.85 266	P	P	18 27 29.0	+0.6
WR0	Warramunga Arr	44.65 272	P	P	18 27 35.1	+0.3
WR0			Iamb	Iamb	18 28 08.7	
WB2	Warramunga Arr	44.82 272	P	P	18 27 36.1	0.0
WRA	Warramunga Arr	44.83 272	P	P	18 27 36.5	+0.3
WB0	comp=Z,4.9nm,0.6s,baz=111,slow=8,1,SNR=14					
WB0	Warramunga Arr	44.85 272	P	Iamb	18 27 36.2	-0.2
WB0			Iamb	Iamb	18 28 06.7	
FORT	Forrest	46.80 255	P	P	18 27 51.4	-0.2
VNDA	Vanda	48.32 186	P	P	18 28 02.3	-0.5
MTN	Manton Dam	50.69 278	P	P	18 28 21.2	-0.4
KNRA	Kunumungu	51.43 247	P	P	18 28 27.3	+0.7
FITZ	Fitzroy Crossi	53.07 269	P	P	18 28 40.1	+0.5
FITZ	comp=Z,3.5nm,0.7s,baz=148,slow=6,0,SNR=6.2					
FITZ	Fitzroy Crossi	53.10 269	P	P	18 28 40.3	+0.7
CASY	Casey	55.61 208	P	P	18 28 57.0	-0.2
MORW	Morawa	57.28 253	P	P	18 29 08.2	-1.5
MORW			Iamb	Iamb	18 29 38.3	
QSPA	comp=Z,3.6nm,1.6s					
QSPA	South Pole Qui	59.86 180	P	P	18 29 29.7	+2.4
QSPA	comp=Z,2.1nm,0.7s,baz=114,slow=1.4,SNR=3.3					
QSPA	South Pole Qui	59.86 180	P	Iamb	18 29 29.5	+2.2
QSPA			Iamb	Iamb	18 29 43.9	
GIRL	Giralia	61.10 259	P	P	18 29 35.8	-0.4
MAY	Mawson	72.70 200	P	P	18 30 50.0	+0.7
SYO	Syowa Base	77.42 247	eS	P	18 31 19.2	+2.7
SYO	Syowa Base	77.42 247	eS	P	18 31 24.6	+2.3
SNA	Sanae	78.28 178	P	P	18 31 21.7	+0.4
MJAR	Matsushiro Arr	78.54 325	P	P	18 31 22.1	-1.0
MAT	Matsushiro	78.55 325	P	P	18 31 23.2	+0.1
KSR	Korea Array	84.72 319	P	P	18 31 55.9	+0.3
ISA	Isabella, Lake	85.68 44	P	P	18 31 59.3	-1.3
ISA			Iamb	Iamb	18 32 03.0	
PETK	Petrozavlovsk-	85.86 345	P	P	18 32 00.6	-0.4
GSC	Goldstone, Bar	86.45 45	P	P	18 32 03.2	-1.3
GSC			Iamb	Iamb	18 32 05.9	
ORV	Oroville	86.59 40	P	P	18 32 04.2	-0.7
ORV			Iamb	Iamb	18 32 07.7	
WAKI	Walker	87.03 42	P	P	18 32 07.0	-0.4
USRK	Ussuriysk Arr	87.45 326	P	P	18 32 10.1	+1.1
NVAR	Mina Array Bea	87.63 42	P	P	18 32 10.2	-0.1
HOA	Houston Lake	88.27 36	P	P	18 32 20.1	-0.2
PINE	Pine Mountain	89.84 37	P	P	18 32 20.2	-0.4
IO7A	Izeze	90.79 38	P	P	18 32 24.6	-0.3
IO7A			Iamb	Iamb	18 32 26.4	
MTPU	Mount Pierson	91.06 46	P	P	18 32 26.6	0.0
G08A	G08A	91.90 37	P	P	18 32 29.8	-0.3
BO8A	Colville Reser	93.79 34	Iamb	Iamb	18 32 41.3	
MKAR	Makanchi Array	118.24 310	PKP	PKPdf	18 38 07.6	-1.1
ARCES	ARCCESS Array B	138.60 348	PKP	PKPdf	18 38 46.1	-0.5
FIAT	FINCESS Array S	145.25 341	PKPbc	PKPbc	18 38 57.4	-1.0
FINES	FINCESS Array B	145.26 341	PKPbc	PKPbc	18 38 57.7	-0.8
OBN	Obninsk	145.47 326	PKPdf	PKPdf	18 38 58.7	-0.5
AKH	Akhalkalaki	145.51 300	PKPdf	PKPdf	18 39 01.9	+1.5
KBZ	Khabaz	145.64 304	PKPbc	PKPbc	18 39 01.8	+1.2
NC303	NORSAR Array S	148.51 352	PKP	PKPdf	18 39 05.8	+1.6
NB2	NORSAR Subarra1	148.71 352	PKP	PKPbc	18 39 07.5	-0.9
NOA	NORSAR Array B	148.71 352	PKPbc	PKPbc	18 39 07.5	-0.9
AKAS	Malin Array Be	151.62 324	PKPbc	PKPbc	18 39 15.3	-0.3
AKAB	Malin Array Si	151.62 324	PKPbc	PKPbc	18 39 14.9	-0.7
GRES	GERESS Array B	159.67 339	PKPab	PKPab	18 39 58.5	-0.5
PREP	Cave del Predi	161.81 336	PKPbc	PKPbc	18 40 08.1	-0.2
TORD	Torodi Ar. Bea	162.94 176	PKPab	PKPab	18 40 16.2	+2.3

SGCP 18 35 46.4 -0.1
BALP Baler 1.96 154 eS Pn 18 35 32.8 0.0
BALP 1.96 154 eS Pn 18 35 57.4 +0.2

DC 01 18:38:08.8±1.0,55:53s:29.02W,h0km,mb3.9/3,mb1.4,1/4,mb1mx3.7/27,mbmp4.0/4,ML3.7/1,Error ellipse: s-maj=48.6km s-min=26.8km az=70.0
NEIC 01 18:38:11.6±1.1,55:35s:01:29.21W:0.3,h17km,6km,mb4.4/4,Error ellipse: s-maj=20.7km s-min=17.9km az=87.0

ISC 01 18:38:12.4±0.9,55:65s:01:29.21W:0.2,h24km,n14,e091/14,mb4.1/3,South Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	
HOPE	Hope Point	4.39 284	Op	h m s ISC		
WNA1	Neumayer-Stat	17.69 157	P	18 39 16.8	+0.6	
WNA2	Neumayer-Watz	18.09 157	P	18 42 18.2	+0.7	
SNA	Sanae	19.66 155	P	18 42 40.2	-0.5	
SNA	Sanae	19.66 155	P	18 42 38.9	-0.3	
SNA	Sanae	19.66 155	P	18 42 40.0	-0.7	
QSPA	South Pole Qui	34.70 180	P	18 45 00.3	+0.3	
QSPA	South Pole Qui	34.70 180	Iamb	18 45 11.7		
LPZA	La Paz	49.16 307	P	18 46 59.4	+0.5	
LPZA	comp=Z,1.0nm,0.5s,baz=144,slow=7.0,SNR=5.2					
LPZA	La Paz	49.16 307	P	18 47 00.6	+1.7	
LPZA			Iamb	Iamb	18 47 03.3	
TOAO	Torodi Ar. Sit	73.21 32	P	18 49 41.2	+0.1	
TORD	Torodi Ar. Bea	73.21 32	P	18 49 41.2	+0.1	
ILAR	Eielson Array	148.94 313	PKPbc	PKIKP	18 57 56.8	-1.1
SOMI	Songino Array	151.84 87	PKPbc	PKIKP	18 58 03.6	-0.9

DC 01 18:51:59.9±0.9,30:17s:176:99W,h0km,mb4.0/8,mb1.4/2/8,mb1mx4.0/33,mbmp4.0/8,Error ellipse: s-maj=28.1km s-min=20.7km az=53.0
NEIC 01 18:52:00.8±0.9,30:24s:0:06:176:9W:0.1,h10km,1km,mb4.6/7,Error ellipse: s-maj=21.2km s-min=7.5km az=71.0

ISC 01 18:52:03.1±0.9,30:31s:0:08:177:0W:0.1,h24km,n26,e1562/27,mb4.1/10,Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	
RAO	Raoul Island	1.31 323	Pn	18 52 24.5	-1.4	
RAO	492nm,0.3s,baz=85,slow=20,SNR=8.5		Sb	18 52 44.0	+0.5	
RAO	Raoul Island	1.31 323	Pn	18 52 24.3	-1.7	
OUZ	Omahuta	9.30 236	Pn	18 54 15.4	-0.4	
URZ	Urewera	9.30 210	Pn	18 54 15.5	-0.2	
BKZ	Black Stump Fm	10.33 209	Pn	18 54 27.1	-2.6	
THZ	Tophouse	14.03 218	Pn	18 55 21.1	+0.6	
KHZ	Kahurangi	14.27 210	Pn	18 55 19.4	-4.3	
LTZ	Lake Taylor	15.12 212	Pn	18 55 34.5	-0.7	
RPZ	Rata Peaks	16.41 212	Pn	18 55 48.0	-3.8	
RPZ			Iamb	Iamb	18 55 08.6	
STKA	Stephens Creek	35.33 257	P	18 58 58.2	+1.6	
STKA	comp=Z,1.5nm,0.8s,baz=99,slow=12,SNR=3.3					
STKA	Stephens Creek	35.33 257	P	18 58 57.9	+1.2	
ASAR	Alice Springs	43.97 267	P	19 00 08.4	-0.2	
ASAR	comp=Z,2.5nm,0.8s,baz=107,slow=8.2,SNR=21					
WR0	Warramunga Arr	44.77 272	P	19 00 16.8	+1.7	
WR0			Iamb	Iamb	19 00 46.0	
WB2	Warramunga Arr	44.94 272	P	19 00 17.1	+0.6	
WB2			Iamb	Iamb	19 00 54.2	
WRA	Warramunga Arr	44.95 272	P	19 00 16.3	-0.2	
WB0	comp=Z,0.9nm,0.5s,baz=111,slow=8,1,SNR=10					
WB0	Warramunga Arr	44.97 272	P	19 00 17.1	+0.4	
QSPA	South Pole Qui	59.80 180	P	19 02 08.5	+2.3	
QSPA	comp=Z,1.3nm,1.0s,baz=117,slow=4.9,SNR=4.2					
QSPA	South Pole Qui	59.80 180	P	19 02 07.1	+0.9	
MJAR	Matsushiro Arr	78.60 319	P	19 04 02.0	-1.1	
KSR	Korea Array	84.83 319	P	19 04 36.7	+1.1	
USRK	Ussuriysk Arr	87.56 326	P	19 04 49.4	+0.6	
USRK	comp=Z,2.2nm,0.8s,baz=172,slow=3.9,SNR=5.1					
NVAR	Mina Array Bea	87.59 42	P	19 04 49.5	0.0	
FIAT	FINCESS Array S	145.34 341	PKPbc	PKPbc	19 11 37.7	-0.3
FIAT	FINCESS Array B	145.35 341	PKPbc	PKPbc	19 11 38.0	-0.1
AKAS	Malin Array Be	151.74 324	PKPbc	PKPbc	19 11 54.9	-0.3
TORD	Torodi Ar. Bea	162.88 176	PKPab	PKPab	19 12 53.8	+0.9

NNC 01 18:59:29.1±0.4,44:41N:80:85E,h0km,mb3.7,mpv3.5,Error ellipse: s-maj=4.6km s-min=2.1km az=120.0
SOME 01 18:59:30.9±44:38N:80:83E,h25km

ISC 01 18:59:29.1±1.5,44:31N:80:81E:0:04,h9km,1.1km,n57,r128/90,17C-11D,Northern Xinjiang

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DJR	Jarkent	0.89 272	IP	18 59 45.9	-0.2
DJR	63nm,0.3s		IP	18 59 56.5	-1.1
KTMS	Ketmen	0.99 210	eP	18 59 49.1	+0.6
KTMS	49nm,0.1s		eS	18 59 02.4	+0.7
KTMS	62nm,0.3s		S	18 59 49.1	+0.6
KTMS	29nm,0.1s		S	18 59 02.4	+0.7
PDGK					

1d 19h

Table with columns: KURK, OTUK, KK31, Station Name, Azimuth, Phase ID, Time, Res

TIR 01 19:00:44.8, 40.949N, 19.99E, h1km, Md2.8/B
BEO 01 19:00:45.4, 40.9, 40.87N, 19.92E, h6km, 3km, ML2.4/11
SKO 01 19:00:47.1, 40.98N, 19.95E, h1km
ISC 01 19:00:46.2, 1.40.93N, 0.02, 19.90E, 0.03, h11km, 9km, n45, e12167/1D, Albania

Main table for 1d 19h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res

NNC 01 19:20:45.6, 3.4, 39.82N, 78.11E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=23.0km s-min=18.1km az=168.0
SOME 01 19:20:45.8, 39.82N, 78.11E, h10km
IDC 01 19:20:46.3, 2.1, 39.50N, 78.59E, h0km, mb3.3/2, mb1.3/4, mb1mx3.2/38, mbtmp3.4/4, ML3.3/2, MS3.8/1, Ms1.3/1, ms1mx2.9/33, Error ellipse: s-maj=37.3km s-min=27.9km az=168.0
KRNET 01 19:20:57.6, 0.1, 40.42N, 78.00E, mb3.5
ISC 01 19:20:52.6, 2.1, 39.91N, 0.08, 78.24E, 0.04, h29km, 14km, n75, e267/110, 35C-5D, Southern Xinjiang

Table for 1d 19h continuation with columns: Code, Station Name, Azimuth, Phase ID, Time, Res

2014 JUL

Main table for 2014 JUL with columns: TNSS, UZB, IZV, MDOK, SHLS, KOTS, MTBS, PDGK, ARLS, KST, KURS, KMK2, UCH, KBK, DGS, DTMS, KTMS, AAK, FRU1, KTBS, CHHK, CHKK, CHMS, AML, KUU, ARXS

Table for 2014 JUL continuation with columns: ARXS, EKS2, USP, SGDS, DJR, MRKS, MK31, MKAR, SONM, KAPI, TORD

DDA 01 19:25:02.1, 40.52N, 35.22E, h7km, 3km, ML2.2
ISK 01 19:25:02.5, 40.58N, 35.15E, h31km, ML3.5/7
ISC 01 19:25:02.0, 1.0, 40.54N, 0.02, 35.20E, 0.02, h19km, 2km, n23, e085/41, Turkey

Table for 2014 JUL continuation with columns: Code, Station Name, Azimuth, Phase ID, Time, Res

JMA 01 19:29:11.9, 0.2, 37.55N, 144.51E, h55km, M3.7, Off east coast of Honshu

Table for JMA 01 19:29:11.9 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res

IDC 01 19:47:58.3, 1.8, 7.07S, 154.34E, h0km, mb3.7/8, mb1.3/9, mb1mx3.6/44, mbtmp3.7/9, ML3.3/1, Error ellipse: s-maj=54.3km s-min=23.7km az=118.0
NEIC 01 19:48:02.6, 2.7, 7.35S, 0.2, 154.4E, 0.2, h34km, 9km, mb4.3/3, Error ellipse: s-maj=35.0km s-min=19.4km az=133.0
ISC 01 19:48:04.7, 1.3, 6.97S, 0.10, 154.0E, 0.2, h35km, n15, e120/16, mb3.8/11, Bougainville-Solomon Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KRVT	Keravat (AS076)	3.31	323	Pn	Pn	19 48 54.9	+0.8
KRVT	Port Moresby	7.21	250	Pn	Pn	19 49 31.1	-1.0
PMG	Coen	12.72	236	Pn	Pn	19 51 01.9	-1.3
WRO	Warramunga Arr	22.89	234	P	Iamb	19 53 04.8	-0.7
WB0	Warramunga Arr	22.91	234	P	Iamb	19 53 03.9	-1.8
WB2	Warramunga Arr	23.03	234	P	Iamb	19 53 05.3	-1.6
WB2	Warramunga Arr	23.04	234	P	Iamb	19 53 09.9	
WRA	Warramunga Arr	23.04	234	P	P	19 53 08.7	+1.6
ASAR	Alice Springs	25.47	227	P	P	19 53 29.8	0.0
FITZ	Fitzroy Crossi	29.78	265	P	P	19 54 08.5	+0.2
SONM	Songino Array	68.80	328	P	P	19 59 07.1	+1.6
MKAR	Makanchi Array	82.75	319	P	P	20 00 26.0	+0.8
ZALV	Zalesovo Beam	83.62	326	P	P	20 00 29.2	-0.2
IL71	Eielsen Array	83.71	22	P	P	20 00 28.6	-1.1
KURBB	Kurchatov Arra	86.24	322	P	P	20 00 42.7	+0.1
TORD	Torodi Arr. Bea	152.08	285	PKPbc	PKPbc	20 07 57.6	+0.1

BEO 01 19:51:14.2,0.6,40.75N;19.93E,h0km,ML2.7/11
 TIR 01 19:51:16.5,40.95N;19.94E,h14km,Mds0/8
 THE 01 19:51:16.4,40.93N;20.06E,h8km,ML2.6/5,Error ellipse:
 s-maj=0.9km,s-min=0.3km,az=318.0
 PDG 01 19:51:17.3,0.4,41.00N;19.91E,h13km,ML2.9/14,Error
 ellipse: s-maj=0.5km,s-min=0.9km,az=40.0
 SKO 01 19:51:17.9,40.94N;20.08E,h2km
 ISC 01 19:51:16.4,1.0,40.93N;0.02;19.93E;0.02,h9km,9km,
 n75,ϕ107/121,10C-13D,Albania

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
TIR	Tirane	0.42	353	Pg	Pg	19 51 24.8	+0.1
TIR	Tirane	0.42	353	Pg	Pg	19 51 23.1	+0.6
TIR	Tirane	0.42	353	Pg	Pg	19 51 24.8	+0.1
TIR	Tirane	0.42	353	Pg	Pg	19 51 31.4	-1.1
TIR	Tirane	0.42	353	Pg	Pg	19 51 24.8	+0.1
VLO	Vlora	0.56	216	P	Pb	19 51 28.4	0.0
VLO	Vlora	0.56	216	P	Pb	19 51 37.7	+1.2
VLO	Vlora	0.56	216	Pg	Pg	19 51 28.3	-0.1
OHR	Ohrid	0.68	74	Pg	Pg	19 51 28.7	-0.9
OHR	Ohrid	0.68	74	Pg	Pg	19 51 38.9	+0.4
OHR	Ohrid	0.68	74	Pg	Pg	19 51 43.2	
OHR	Ohrid	0.68	74	Pg	Pg	19 51 43.3	
PHP	Peshkopia	0.85	27	P	Pg	19 51 31.4	-1.4
PHP	Peshkopia	0.85	27	P	Pg	19 51 43.2	-0.6
PHP	Peshkopia	0.85	27	P	Pg	19 51 31.5	-1.2
PHP	Peshkopia	0.85	27	P	Pg	19 51 47.9	+0.2
NEST	Nest	0.99	121	P	Pg	19 51 33.8	-1.7
NEST	Nest	0.99	121	P	Pg	19 51 46.9	-1.5
SRN	Sarande	1.05	177	P	Pg	19 51 36.1	-0.4
SRN	Sarande	1.05	177	P	Pg	19 51 51.5	-0.3
SRN	Sarande	1.05	177	Pg	Pn	19 51 37.5	+0.3
SRN	Sarande	1.05	177	Pg	Pn	19 51 52.6	+0.8
PUK	Puka	1.12	359	Pg	Pg	19 51 36.9	-1.0
PUK	Puka	1.12	359	Pg	Pg	19 51 44.9	+0.2
ULC	Ulcinj	1.16	334	Pg	Pb	19 51 37.5	-1.0
ULC	Ulcinj	1.16	334	Pg	Pb	19 51 54.5	-0.2
KEK	Kerkira	1.22	185	P	Pn	19 51 39.1	-0.4
DRME	Dracevica, Mon	1.38	336	Pg	Pg	19 51 41.0	+1.3
SCTE	Santa Cesarea	1.40	323	Pn	Pn	19 51 47.3	0.0
IGT	Igoumenitsa	1.43	167	P	Pn	19 51 41.6	-0.8
IGT	Igoumenitsa	1.43	167	P	Pn	19 52 01.3	+0.1
IGT	Igoumenitsa	1.43	167	Pn	Pg	19 51 44.3	+0.6
BCT	Bajram Curri	1.44	4	Pn	Pb	19 52 03.1	0.1
KPRO	Kipourio	1.46	131	P	Pn	19 51 41.8	-1.1
SKO	Skopje	1.54	47	Pn	Pb	19 51 45.2	+0.1
SKO	Skopje	1.54	47	Pn	Pb	19 52 06.0	0.0
SKO	Skopje	1.54	47	Pg	Pb	19 51 45.2	+0.1
SKO	Skopje	1.54	47	Pg	Pb	19 52 05.4	-0.6
BUM	Brajci-Budva	1.58	331	Pg	Pb	19 51 45.0	+0.4
BUM	Brajci-Budva	1.58	331	Pg	Pb	19 52 07.0	-0.1
PDG	Podgorica	1.59	342	Pg	Pb	19 51 45.4	-0.4
PDG	Podgorica	1.59	342	Pg	Pb	19 52 09.4	+2.0
PDG	Podgorica	1.59	342	Pg	Pb	19 51 46.3	+0.3
PDG	Podgorica	1.59	342	Pg	Pb	19 52 09.3	+1.9
TTG	Podgorica	1.59	342	Pg	Pb	19 51 45.2	-0.6
TTG	Podgorica	1.59	342	Pg	Pb	19 52 07.2	-0.2
PVY	Plav	1.67	131	Pn	Pn	19 51 46.2	+0.4
PVY	Plav	1.67	131	Pn	Pn	19 51 49.0	+0.6
CEME	Cevo	1.79	335	Pn	Pn	19 51 47.9	+0.4
CEME	Cevo	1.79	335	Pn	Pn	19 52 12.0	+0.2
HCY	Herceg Novi	1.86	325	Pn	Pn	19 51 48.2	-0.2
HCY	Herceg Novi	1.86	325	Pn	Pn	19 52 13.9	0.0
STIP	Stip	1.86	65	Pg	Pg	19 52 23.0	+0.4
CGL1	Ceglje Messapi	1.88	233	Pn	Pn	19 51 53.4	+0.9
IVA	Berane	1.94	359	Pn	Pn	19 51 47.8	+0.5
IVA	Berane	1.94	359	Pn	Pn	19 52 15.8	-0.6
KOME	Kolasin	1.95	351	Pn	Pn	19 51 50.1	+0.4
KOME	Kolasin	1.95	351	Pn	Pn	19 52 15.8	-0.7
NKME	Niksic	1.98	339	Pn	Pn	19 51 50.0	+0.6
NKME	Niksic	1.98	339	Pn	Pn	19 51 56.9	+0.8
NKY	Niksic	2.01	340	Pn	Pn	19 51 51.0	+0.5
NKY	Niksic	2.01	340	Pn	Pn	19 52 17.3	-1.0
VAY	Valandovo	2.03	78	Pn	Pn	19 51 49.8	-0.9
VAY	Valandovo	2.03	78	Pn	Pn	19 51 53.1	-0.3
VAY	Valandovo	2.03	78	Pg	Pb	19 52 19.7	+0.9
VAY	Valandovo	2.03	78	Pg	Pb	19 52 23.6	
VAY	Valandovo	2.03	78	Pg	Pb	19 52 24.6	
TREB	Trebinje	2.14	327	Pn	Pb	19 51 54.1	-1.2
TREB	Trebinje	2.14	327	Pn	Pb	19 52 22.8	+0.8
DBRK	Dubrovnik	2.19	323	Pn	Pn	19 51 52.5	-0.5
DBRK	Dubrovnik	2.19	323	Pn	Pn	19 52 21.6	+1.4
BRY	Bratogost	2.23	373	Pn	Pn	19 51 54.1	+0.5
BRY	Bratogost	2.23	373	Pn	Pn	19 52 22.7	+1.4
BAR	Bar	2.32	235	Pn	Pn	19 51 53.4	+0.6
SJES	Sjenica	2.33	1	Pn	Pn	19 51 54.8	-0.2
SJES	Sjenica	2.33	1	Pn	Pn	19 52 28.7	+1.1
BARS	Barje	2.36	36	Pn	Pn	19 51 56.5	+1.3
UPM	Unac-Piva	2.40	342	Pn	Pn	19 51 56.4	+0.4
UPM	Unac-Piva	2.40	342	Pn	Pn	19 52 26.6	+1.0
PLE	Pljevlja	2.44	351	Pn	Pn	19 52 27.5	+1.2
SELS	Selva	2.46	21	Pn	Pn	19 51 57.3	+0.7
MATE	Matera	2.46	265	Pn	Pn	19 51 59.3	-1.4
MATE	Matera	2.46	265	19 52 31.1	-0.1		
SG1	Sgolgore (BA)	2.47	269	19 51 58.1	+1.4		
STON	Ston	2.56	320	19 51 57.5	-0.5		
STON	Ston	2.56	320	19 51 57.5	-0.5		
STON	Ston	2.56	320	19 52 28.4	-0.7		
BBLs	Lazići	2.96	353	19 52 05.9	+2.3		
VTS	Vitosh	2.99	55	19 52 04.9	+0.8		
VTS	Vitosh	2.99	55	19 52 11.9	+0.9		
VTS	Vitosh	2.99	55	19 52 04.8	+0.7		
VTS	Vitosh	2.99	55	19 52 39.9	-0.2		
TIP	Timpargrande	3.00	235	19 52 05.2	+1.1		
BOVS	Bovan	3.01	25	19 52 05.9	+1.7		
GRUS	Gruza	3.02	11	19 52 05.8	+1.5		
ZAVJ	Zavoj	3.09	40	19 52 05.9	+1.5		
DIVS	Divibare	3.17	1	19 52 06.6	+0.1		

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
MAKA	Makarska	3.20	318	Pn	Pn	19 52 06.4	-0.4
MAKA	Makarska	3.20	318	Pn	Pn	19 52 43.9	-1.1
HAPS	Han Pijesak, BI	3.24	347	Pn	Pn	19 52 07.2	-0.2
RICI	Ricice	3.30	322	Pn	Pn	19 52 07.8	-0.3
TRUJ	Trudelj	3.31	6	Pn	Pn	19 52 49.2	+1.7
BLBK	Belogradchik	3.38	36	Pn	Pn	19 52 50.5	+1.1
KJVV	Kijevo	4.03	321	Pn	Pn	19 52 18.2	0.0
MDVR	Moldovita	4.07	18	Pn	Pn	19 53 05.0	-0.6
MDVR	Moldovita	4.07	18	Pn	Pn	19 52 19.7	+1.0
ZIRJ	Zirje	4.19	312	Pn	Pn	19 53 06.4	+1.9
MORI	Morici	4.29	315	Pn	Pn	19 53 06.3	-3.0
MORI	Morici	4.29	315	19 52 21.6	-0.1		
DUGI	Dugi Otok	4.73	312	19 52 27.3	-0.5		
BZS	Buzia	4.85	14	19 52 29.9	+0.5		
NVLJ	Nvalja	5.20	316	19 52 34.2	-0.1		
SOKA	Soboth	6.75	30	19 52 56.2	+0.5		
IDI	Anoyia	6.85	144	19 54 11.4	-3.8		
ABTA	Abtaltersbach	7.91	320	19 53 12.5	+1.0		
WTTA	Wattenberg	8.70	319	19 53 23.3	+0.8		
MOTA	Moosalm	9.02	318	19 53 27.1	+0.3		

ISC 01 19:54:28.8;1.8,10.625x124.35E,h0km,mb3.2/1,
 mb1 4.0/4,mb1mx3.4/37,mbtmp3.7/4,ML3.8/3,Error
 ellipse: s-maj=56.6km,s-min=11.9km,az=38.0,Torodi
 region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
BATI	Baumata	0.79	301	Pg	ISC	19 54 45.0	-0.3
BATI	Baumata	0.79	301	Pg	ISC	19 54 45.0	-0.3
BATI	Baumata	0.79	301	Pg	ISC	19 54 45.0	-0.3
BATI	Baumata	0.79	301	Pg	ISC	19 54 45.0	-0.3

1d 20h

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

WEL 01 19:58:44.7, 38°S, 176°E, h155km, 4km, M3.0/4.0, ML3.0/4.0, Error ellipse: s-maj=0.0km s-min=0.0km az=127.8, North Island

Main table of station data for the first section, including codes, station names, coordinates, and phases.

ISC 01 19:59:11.5, 0.8, 30.07S, 176.97W, h0km, mb4, 1/10, mb1 4.3/10, mb1mx4.0/4.7, mbtmp4.1/10, Error ellipse: s-maj=24.6km s-min=19.0km az=38.0

NEIC 01 19:59:13.2, 0.30, 30.13S, 0.07, 177.2W, 0.1, h10km, 1km, mb4, 6/14, Error ellipse: s-maj=18.7km s-min=3.8km az=54.0

ISC 01 19:59:14.9, 0.7, 30.23S, 0.07, 177.2W, 0.1, h24km, n41, s192/42, mb4.3/13, Kermadec Islands

Table of station data for the second section, including codes, station names, coordinates, and phases.

2014 JUL

Table of station data for the third section, including codes, station names, coordinates, and phases.

WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

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WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

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WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

WARRAMUNGA ARR 44.82 272 P P 20 07 27.3 +1.4

36

Table of station data for the fourth section, including codes, station names, coordinates, and phases.

TRN 01 20:06:44.8, 11°6'N, 159°38'W, h67km, MD3.5, North Atlantic Ocean

Table of station data for the fifth section, including codes, station names, coordinates, and phases.

ISC 01 20:01:50.1, 2.6, 30.25S, 176.98W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.5/4.5, mbtmp3.7/2, Error ellipse: s-maj=57.7km s-min=33.6km az=62.0, Kermadec Islands region

Table of station data for the sixth section, including codes, station names, coordinates, and phases.

NDI 01 20:06:28.6, 0.9, 25.09°N, 94.29°E, h45km, ML4.0, mb4.3(NEIC)

ISC 01 20:06:29.2, 2.6, 25.07°N, 94.39°E, h68km, 23km, mb3.6/11, mb1 3.7/12, ms1mx2.4/5.9, mbtmp3.9/12, MS3.3/1, Ms1 3.3/1, ms1mx2.6/4.3, Error ellipse: s-maj=46.6km s-min=12.4km az=65.0

NEIC 01 20:06:29.1, 1.5, 25.0°N, 0.1, 94.2°E, 0.1, h70km, 7km, mb4.3/10, Error ellipse: s-maj=20.8km s-min=10.0km az=51.0

ISC 01 20:06:27.8, 0.6, 25.04°N, 0.07, 94.18°E, 0.07, h50km, n47, s193/59, mb3.9/16, 1°C, Myanmar-India border region

Table of station data for the seventh section, including codes, station names, coordinates, and phases.

ISC 01 20:14:35.0, 6.0, 18.44°N, 145.72°E, h198km, 5km, mb3.7/29, mb1 3.8/32, mb1mx3.7/6.0, mbtmp4.3/32, MS2.7/1, Ms1 2.7/1, ms1mx2.4/2.9, Error ellipse: s-maj=12.8km s-min=6.7km az=88.0

NEIC 01 20:14:36.4, 1.9, 18.44°N, 0.02, 145.8°E, 0.1, h203km, 6km, mb4.6/75, Error ellipse: s-maj=14.5km s-min=3.1km az=95.0

ISC 01 20:14:35.6, 0.4, 18.46°N, 0.05, 145.86°E, 0.07, h200km, n121, s193/133, mb4.4/63, Mariana Islands

Table of station data for the eighth section, including codes, station names, coordinates, and phases.

Table with columns: ANN, Sgm, 21 23 41.9, baz=84, ANN, Sgm, 21 23 42.0, baz=84, ANN, Anapa, 0.94 98 i Pg, P, 21 23 29.0 -0.2, ANN, Sg, 21 23 40.9 -0.2, ALU, Alushta, 1.26 259 ePn, P, 21 23 34.4 -0.2, ALU, baz=265, Pnm, 21 23 34.8, ALU, baz=265, eSn, Sb, 21 23 50.7 +0.4, ALU, baz=265, Snm, 21 23 51.2, ALU, baz=265, Snm, 21 23 51.4, ALU, Alushta, 1.26 259 ePg, P, 21 23 34.4 -0.2, ALU, Sg, 21 23 50.7 +0.4, SIM, Simferopol', 1.43 271 ePn, P, 21 23 36.1 -0.3, SIM, baz=277, Pnm, 21 23 37.2, SIM, baz=277, eSn, Sn, 21 23 54.3 -0.3, SIM, baz=277, Snm, 21 23 54.7, SIM, baz=277, Snm, 21 23 55.7, SIM, Simferopol', 1.43 271 ePg, P, 21 23 36.1 -0.3, SIM, Sg, 21 23 54.3 -0.3, YAL, Yalta, 1.48 253 ePn, P, 21 23 37.3 +0.2, YAL, baz=258, eSn, Sn, 21 23 55.7 -0.1, YAL, Yalta, 1.48 253 ePg, P, 21 23 37.3 +0.2, YAL, Sg, 21 23 55.7 -0.1, SEV, Sevastopol', 1.80 258 ePn, P, 21 23 41.4 -0.1, SEV, baz=263, Pnm, 21 23 41.5, SEV, Sevastopol', 1.80 258 ePg, P, 21 23 41.4 -0.1, SEV, Sg, 21 24 03.2 -0.5, LZRR, Lazarevskoye, 2.54 112 ePn, P, 21 23 51.6 0.0, LZRR, Lazarevskoye, 2.54 112 ePn, P, 21 23 52.5 +0.9, LZRR, Sg, 21 24 21.8 0.0, TARU, Tarkhankut, 2.58 281 ePn, P, 21 23 51.9 -0.3, TARU, baz=283, eSn, Sn, 21 24 21.4 -1.6, TARU, Tarkhankut, 2.58 281 ePn, P, 21 23 51.9 -0.3, TARU, Sg, 21 24 24.1 +1.1, SOC, Sochi, 2.91 117 ePn, P, 21 23 55.5 -1.3, SOC, Sochi, 2.91 117 ePn, P, 21 23 57.5 +0.8, SOC, Sg, 21 24 31.6 +0.5, RPOR, Krasnaya Poly, 3.22 111 ePn, P, 21 24 01.6 +0.6, RPOR, Sg, 21 24 27.4 -1.3, KIV, Kislovodsk, 4.79 100 eP, P, 21 24 22.7 0.0, SHA1, Shidzhatmaz, 4.83 102 i Pn, P, 21 24 24.9 +1.5, SHA1, eSn, Sn, 21 25 18.3 -0.6

WEL 01 21:26:58.8,39'S;18.1x716'E;1.8,h173km;23km,M2.7/16, MLv2.7/16,Error ellipse: s-maj=0.0km s-min=0.0km az=135.7,North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, TWZ, Taurewa, 0.63 213 P, P, 21 27 23.6 +0.2, BKZ, Black Stump Fm, 0.78 142 P, P, 21 27 24.2 -0.9, MOVZ, Moawhango, 0.86 186 P, P, 21 27 25.0 +0.2, NMHZ, Naumai, 0.91 127 P, P, 21 27 30.8 +5.6, BHZ, Black Hill Sta, 0.95 171 P, P, 21 27 25.5 0.0, MCHZ, McNeill Hill, 1.10 145 P, P, 21 27 26.8 +0.3, ARHZ, Aropoanui, 1.13 130 P, P, 21 27 26.2 -0.5, KRHZ, Kereru, 1.16 161 P, P, 21 27 27.4 +0.3, SNGZ, Shannon Statio, 1.17 102 P, P, 21 27 38.0 +1.1, RAGZ, Rawiri, 1.21 88 P, P, 21 27 38.9 +1.1, PNHZ, Pukenui, 1.39 170 P, P, 21 27 29.6 +0.5, CKHZ, Cape Kidnapper, 1.45 140 P, P, 21 27 29.0 0.0, KAHZ, Kahurangi, 1.47 148 P, P, 21 27 30.1 +0.3, TSZ, Takapari Road, 1.51 178 P, P, 21 27 31.1 +0.8, PXZ, Pawanui, 1.67 153 P, P, 21 27 32.2 +0.5, PRHZ, Porangahau, 1.82 161 P, P, 21 27 27.0 -6.3, MRZ, Mangatoinoka R, 2.12 186 P, P, 21 27 37.3 +0.6, TIWZ, Tintock, 2.23 180 P, P, 21 27 38.6 +0.7, CGWZ, Otaki Gorge, 2.33 187 P, P, 21 27 39.9 +0.9, HOWZ, Holdsworth Sta, 2.37 187 P, P, 21 27 39.9 +0.4, KIW, Kapiti Island, 2.43 198 P, P, 21 27 40.8 +0.6, MTW, Mount Morrison, 2.62 186 P, P, 21 27 42.7 +0.2, CAW, Cannon Point, 2.63 193 P, P, 21 27 43.2 +0.6, MSWZ, Moikau Station, 2.91 189 P, P, 21 27 46.0 +0.1

IDC 01 21:28:13.5;46.0,1724S;175.48W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.7/31,mbtmp4.3/3,Error ellipse: s-maj=868.2km s-min=160.6km az=80.0,Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, STKA, Stephens Creek, 41.40 241 P, P, 21 26 02.2 +0.5, WRA, Warramunga Arr, 47.50 259 P, P, 21 26 50.4 -0.4, ASAR, Alice Springs, 47.66 253 P, P, 21 26 51.6 -0.4

IDC 01 21:29:58.2;1.7,3022S;177.16W,h0km,mb4.0/3, mb1 4.2/3,mb1mx3.8/28,mbtmp4.0/3,M53.7/2,M51 3.6/2, mb1mx3.0/32,Error ellipse: s-maj=38.9km s-min=28.1km az=70.0,Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, RAO, Raoul Island, 1.17 325 P, P, 21 30 23.1 -0.3, DZM, Mont Dzumac, 16.80 295 LR, LR, 21 39 30.8, STKA, Stephens Creek, 35.23 257 P, P, 21 36 55.5 -1.0, STKA, Stephens Creek, 35.23 257 P, P, 21 36 55.5 -1.0, ASAR, Alice Springs, 43.84 266 P, P, 21 38 06.7 +1.1, WRA, Warramunga Arr, 44.82 272 P, P, 21 38 12.4 +0.4, FINES, FINES Array B, 145.22 341 PKPbc, PKPbc, 21 49 35.8 -0.2, NB2, NORSTAR Subarray, 148.68 352 PKP PKP, PKP, 21 49 45.2, NOA, NORSTAR Subarray, 148.68 352 PKP PKP, PKP, 21 49 45.8 -0.7, AKASG, Malin Array B, 151.59 324 PKPbc, PKPbc, 21 49 53.7 +0.8

SOME 01 21:36:43.5,39.77N;77.45E,h5km NNC 01 21:36:47.5;1.3,39.92N;77.48E,h0km,mb3.8,mpv3.5, Error ellipse: s-maj=9.2km s-min=7.6km az=171.0, KRNET 01 21:36:53.8;0.1,39.94N;77.78E,mb3.7, ISC 01 21:36:52.7;2.1,39.89N;0.06;77.63E;0.04,h12km;13km,n70,e234/96,24C-23D,Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, TARG, Taragay, Kyrgyz, 1.84 417 i P, P, 21 37 23.6 -0.9, TARG, baz=0, i P, Sn, 21 37 44.9 -3.0, KDJ, Kajlasy, 2.26 351 i P, P, 21 37 29.6 -0.5, KDJ, baz=49, i P, Sn, 21 37 56.0 -2.0, ULHL, Ulhal, 2.57 336 i P, P, 21 37 34.5 +0.1, ULHL, baz=34, i P, Sn, 21 38 04.1 -1.7, ULHL, baz=34, i P, P, 21 37 35.6 +1.2, PRZ, Przheval'sk, 2.65 12 i P, P, 21 37 34.4 -1.1

Table with columns: PRZ, baz=10.0, i P, Sn, 21 38 04.8 -2.9, KZA, Kyzart, 2.83 321 i P, P, 21 37 38.6 +0.5, KZA, baz=19, i P, Sn, 21 38 11.2 -1.2, KZA, Kyzart, 2.83 321 P, P, 21 37 38.8 +0.7, ANVS, Anan'yev, 2.89 1 i P, P, 21 37 38.3 -0.4, ANVS, baz=58, i P, Sn, 21 38 09.8 -3.7, BOOM, Boomschoyev usch, 2.89 334 i P, P, 21 37 39.2 +0.5, BOOM, baz=32, i P, Sn, 21 38 11.8 -1.7, TNSS, Tian-Shan, 3.18 351 e P, P, 21 37 44.7 +1.7, TNSS, Sg, 21 38 28.7 +0.4, TNSS, 104nm,0.6s, i P, P, 21 37 44.7 +1.7, TNSS, Tian-Shan, 3.18 351 P, P, 21 38 28.7, ARLS, Aral, 3.19 309 i P, P, 21 37 44.2 +1.4, ARLS, baz=8.0, i P, Sn, 21 38 19.6 -1.2, SATY, baz=8.0, i P, P, 21 37 46.4 +3.2, SATY, Sg, 21 38 31.5 +2.5, SATY, 76nm,0.5s, i P, P, 21 37 45.8 +2.6, SATY, Sg, 21 38 31.5, IZV, Izvestkoviy, 3.23 347 e P, P, 21 37 44.6 +1.2, IZV, Sg, 21 38 29.6 +0.1, IZV, 100nm,0.6s, i P, P, 21 37 44.7 +1.2, IZV, Izvestkoviy, 3.23 347 P, P, 21 38 28.3 +2.3, MDOK, Medeo, 3.30 353 e P, P, 21 37 46.5 +0.3, MDOK, Sg, 21 38 31.6 +0.3, MDOK, 148nm,0.6s, i P, P, 21 37 48.7 -2.5, MDOK, Sg, 21 38 31.4, MDOK, 112nm,0.5s, i P, P, 21 37 45.7 +1.4, MDOK, Sg, 21 38 31.6, MDOK, 149nm,0.6s, i P, P, 21 38 31.7, UCH, Uchtor, 3.32 316 i P, P, 21 37 45.0 +0.2, UCH, baz=14, i P, Sn, 21 38 23.0 -1.4, UCH, baz=14, i P, P, 21 37 45.4 +0.5, ZHN, Zhnishke, 3.33 10 e P, P, 21 37 48.2 +3.5, ZHN, Sg, 21 38 34.5 +2.3, ZHN, Zhnishke, 3.33 10 P, P, 21 37 48.2 +3.5, ZHN, Sg, 21 38 34.5, AAA, Alma-Ata, 3.36 351 e P, P, 21 37 48.2 +3.2, AAA, Sg, 21 38 34.5 +1.6, AAA, Alma-Ata, 3.36 351 P, P, 21 37 48.2 +3.2, AAA, Sg, 21 38 34.5, MTBS, Matibute, 3.36 345 P, P, 21 37 46.5 +1.4, MTBS, Sg, 21 38 32.5, KNDC, Knatk, 3.36 352 i P, P, 21 37 51.4 -0.8, KNDC, Sg, 21 38 34.5, KOTS, Kotyrbulak, 3.36 354 e P, P, 21 37 47.6 +2.4, KOTS, Sg, 21 37 37.7 +0.5, KOTS, 613nm,0.6s, i P, P, 21 37 47.6 +2.4, KOTS, Sg, 21 38 33.7, KST, Kastek, 3.39 339 P, P, 21 37 47.1 +1.5, KST, Sg, 21 38 34.0, TKM2, Tokmak 2, 3.39 334 P, P, 21 37 46.7 +1.1, TKM2, Sg, 21 37 42.1 -3.5, UZB, Uzbunbulak, 3.42 17 e P, P, 21 37 49.8 -3.4, UZB, Sg, 21 38 37.4 +2.7, UZB, 34nm,0.6s, i P, P, 21 37 49.2 +3.3, UZB, Sg, 21 38 37.4, KBK, Karagaybulak, 3.42 325 i P, P, 21 37 46.7 +0.7, KBK, baz=23, i P, Sn, 21 38 25.3 -1.3, KBK, Karagaybulak, 3.42 325 P, P, 21 37 50.8 +4.8, SHLS, Shaikoke, 3.54 22 e P, P, 21 37 54.8 -0.5, SHLS, Sg, 21 38 46.4 +0.1, SHLS, Shaikoke, 3.54 22 P, P, 21 37 54.8 -0.5, SHLS, Sg, 21 38 46.4, KURS, Kuram, 3.62 6 e P, P, 21 37 53.3 -3.2, KURS, Sg, 21 38 43.2 +2.8, KURS, Kuram, 3.62 6 P, P, 21 37 52.5 +3.9, KURS, Sg, 21 38 43.2, AAK, Ala-Archa, 3.62 320 i P, P, 21 37 49.2 +0.5, AAK, i P, Sn, 21 38 29.7 -1.8, AAK, Ala-Archa, 3.62 320 i P, P, 21 37 53.8 +5.1, AAK, Sg, 21 38 39.4, DGS, Degeres, 3.62 338 e P, P, 21 37 51.5 +2.8, DGS, Sg, 21 38 40.4 -0.4, DGS, Degeres, 3.62 338 P, P, 21 37 51.5 +2.8, DGS, Sg, 21 38 40.4, FRU1, Bishkek, 3.69 323 i P, P, 21 37 50.4 +0.8, FRU1, i P, Sn, 21 38 31.5 -1.5, PDGK, Podgornoye, 3.71 21 P, P, 21 37 52.2 +2.3, PDGK, Sg, 21 38 41.8, PDGK, Podgornoye, 3.71 21 i P, P, 21 37 48.6 -1.3, PDGK, Sg, 21 37 57.9 -0.2, AML, Almayashu, 3.72 308 i P, P, 21 37 51.1 +0.7, AML, Sg, 21 38 33.5 -0.9

Table with columns: baz=7.0, AML, Almayashu, 3.72 308 P, P, 21 37 51.3 +0.9, OHH, Osh, 3.76 281 i P, P, 21 37 52.2 +1.6, OHH, baz=80, i P, Sn, 21 38 35.1 +0.2, CHMS, Chumysh, 3.78 326 i P, P, 21 37 51.1 +0.2, CHMS, baz=24, i P, Sn, 21 38 33.5 -1.8, CHMS, Chumysh, 3.78 326 P, P, 21 37 52.7 +1.9, CHKK, Chushly, 3.99 353 e P, P, 21 37 58.1 +4.5, CHKK, 90nm,0.4s, i P, P, 21 37 58.7 -4.2, CHKK, Sg, 21 38 53.2, CHKK, 103nm,0.6s, i P, P, 21 38 53.2, EKS2, Erkin-Say, 4.01 315 i P, P, 21 37 55.0 +0.9, EKS2, i P, Sn, 21 38 39.7 -1.3, EKS2, baz=13, i P, P, 21 37 55.3 +1.2, EKS2, Erkin-Say, 4.01 315 P, P, 21 38 54.1 -1.0, USP, Ossenovka, 4.11 326 P, P, 21 38 00.4 +5.0, KUU, Kurty, 4.11 347 e P, P, 21 38 56.1 +1.5, KUU, Sg, 21 38 00.4 +5.0, KUU, 93nm,0.8s, i P, P, 21 38 56.2, SGDS, Sogindy, 4.21 329 P, P, 21 38 00.6 +3.9, SGDS, Sg, 21 38 56.8, SGDS, 19nm,0.6s, i P, P, 21 38 56.9, SGDS, 17nm,0.7s, i P, P, 4.37 312 e P, P, 21 38 04.9 +5.9, MRKS, Merke, 4.37 312 e P, P, 21 39 03.6 +1.4, MRKS, Sg, 21 38 04.9 +5.6, MRKS, 1.6nm,0.2s, i P, P, 21 38 04.9 -4.6, MRKS, Sg, 21 39 03.6, MRKS, 14nm,0.6s, i P, P, 21 39 03.6, DJR, Jarakt, 4.72 19 e P, P, 21 38 13.3 -2.0, DJR, Sg, 21 38 18.1 -6.0, DJR, 9.7nm,0.6s, i P, P, 4.72 19 P, P, 21 38 12.9 -2.5, DJR, Sg, 21 38 13.3 -1.0, DJR, 1.6nm,0.4s, i P, P, 21 39 18.1, DJR, Sg, 21 39 18.1, DJR, 9.7nm,0.6s, i P, P, 5.14 6 e P, P, 21 38 20.1 -2.4, TDK, Taldygorghan, 5.14 6 e P, P, 21 38 29.5 +5.4, TDK, Sg, 21 38 19.7 -2.8, TDK, Taldygorghan, 5.14 6 P, P, 21 39 29.5, TDK, Sg, 21 39 29.5, BTLS, Baital, 5.79 334 e P, P, 21 38 31.3 -2.3, BTLS, Sg, 21 39 48.4 +5.6, BTLS, Baital, 5.79 334 P, P, 21 38 31.3 -2.3, BTLS, Sg, 21 39 48.4, KK31, Karatay Arr, 6.23 303 i P, P, 21 40 03.1, KK31, Sg, 21 38 37.6 -6.8, MK31, Makanchi Array, 7.69 25 i P, P, 21 40 51.1, MK31, Sg, 21 40 51.1

IDC 01 21:51:58.5;59.0,1629S;178.57W,h0km,mb4.4/3, mb1 4.6/3,mb1mx3.7/41,mbtmp4.4/3,Error ellipse: s-maj=1086.0km s-min=158.9km az=77.0,Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, STKA, Stephens Creek, 39.29 239 P, P, 22 00 13.7 -0.7, WRA, Warramunga Arr, 44.79 258 P, P, 22 00 16.7 -0.2, ASAR, Alice Springs, 45.10 253 P, P, 22 00 16.7 -0.2

IDC 01 22:03:41.3;1.0,1821N;147.15E,h0km,mb3.8/11, mb1 4.6/3,mb1mx3.8/40,mbtmp3.8/13,ML3.5/2,Error ellipse: s-maj=35.7km s-min=18.5km az=90.0, NEIC 01 22:03:45.4;1.5,18.23N;0.09;147.1E;0.2;h27km;7km, mb4.0/4,Error ellipse: s-maj=23.2km s-min=11.9km

IDC 01 22:03:48.0;0.9,1818N;0.10;146.9E;0.2,h50km,n20, c1834/17,mb3.7/11,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, GUMO, Guam, 4.99 204 P, P, 22 04 59.3 -1.1, H11N1, WAKE ISLAND, 18.93 82 T, T, 22 27 18.0, H11N2, WAKE ISLAND, 18.94 82 T, T, 22 27 22.1, H11N3, WAKE ISLAND, 18.95 82 T, T, 22 27 22.3, MJAR, Matsuhiro Arr, 19.84 339 P, P, 22 08 14.8 -0.1, MJBS, Matsu-Tunnel, 19.85 339 P, P, 22 08 12.2 -2.7, JNU, Nakatsue, 20.72 319 P, P, 22 08 22.7 -1.6, JNU, Sg, 22 08 23.9, KRSR, Korea Array, 25.43 323 P, P, 22 09 12.0 +0.9, USRK, USSuriysk Arr, 28.82 337 P, P, 22 09 42.6 +1.1, WRA, Warramunga Arr, 39.86 199 P, P, 22 11 17.1 +0.1, AS31, Alice Springs, 43.50 197 P, P, 22 11 47.8 +1.1, ASAR, Alice Springs, 43.50 197 P, P, 22 11 48.1 +1.4, SONM, Songdo Array, 44.28 321 P, P, 22 11 53.4 +0.5, ZAAO, Zalesovo Arr, 59.14 323 P, P, 22 13 42.4 -1.1, ZALV, Zalesovo Beam, 59.14 323 P, P, 22 13 43.6 +0.2, MKAR, Makanchi Array, 59.67 314 P, P, 22 13 47.9 +0.6, ILAR, Eielson Array, 63.59 26 P, P, 22 14 12.6 -0.8, NVAR, Nina Array Bee, 82.53 52 P, P, 22 16 05.7 -0.3, ARCES, ARCES Array B, 83.34 342 P, P, 22 16 11.8 +2.5, FINES, FINES Array B, 87.84 336 P, P, 22 16 31.2 -0.6

TIR 01 22:14:03.0,41.04N;20.20E,h9km,Md2.5/6,Albania

NSY	baz=273	eS	Sb	23 02 42.3 +1.7	
YULB	Yu-ji	1.11 214	eP	Pn	23 02 24.5 -0.5
YULB	baz=222	eS	Sn	23 02 40.1 +0.9	
PTSB	Yuanli	1.17 276	eP	Pn	23 02 25.9 +0.2
PTSB	baz=274	eS	Sb	23 02 42.2 +0.0	
TCU	Taichung	1.20 262	eP	Pb	23 02 28.1 +0.3
TCU	baz=258	eS	Sb	23 02 45.6 +2.5	
WHYT	Xinyi Township	1.20 239	P	Pb	23 02 27.7 -0.3
WHYT	baz=232	eS	Sb	23 02 44.5 +1.3	
WDJ	Dajia District	1.22 271	eP	Pb	23 02 28.9 +0.7
WDJ	baz=269	eS	Sb	23 02 45.1 +1.5	
WJS	baz=269	eP	Pb	23 02 28.5 -0.2	
WJS	Zhushan	1.24 247	eP	Pb	23 02 46.0 +1.6
WJS	baz=229	eS	Sb	23 02 29.3 +0.3	
WNT	Mingjian	1.26 250	eP	Pb	23 02 46.9 +2.0
WNT	baz=246	eS	Sb	23 02 28.3 -1.4	
PCYT	Pengchayiu	1.30 4	eP	Pb	23 02 45.2 -0.9
PCYT	baz=8.0	eS	Sb	23 02 29.5 -0.4	
WCHH	Zhanghua	1.32 260	eP	Pb	23 02 46.4 0.0
WCHH	baz=256	eS	Sb	23 02 27.1 -1.0	
CHKT	Chengkung	1.34 205	eP	Pb	23 02 30.0 -0.5
ALS	Alshan	1.34 233	eP	Pb	23 02 31.1 -0.1
CHN5	Tsauling	1.39 239	P	Pb	23 02 50.5 +1.9
CHN5	baz=221	eS	Sb	23 02 29.4 0.0	
ELDTW	Lidau	1.43 218	P	Sn	23 02 47.1 -0.1
ELDTW	baz=214	eS	Sn	23 02 31.5 -0.4	
WGK	Gukeng	1.44 244	eP	Pb	23 02 52.5 +2.5
WGK	baz=240	eS	Sb	23 02 31.8 -0.5	
WDLH	Douliu	1.46 245	eP	Pb	23 02 52.0 +1.6
WDLH	baz=241	eS	Sb	23 02 32.4 -1.2	
RLNB	Erin	1.54 254	eP	Pb	23 02 52.9 +0.2
RLNB	baz=251	eS	Sb	23 02 33.7 -0.8	
CHN4	Tsauling	1.59 233	P	Pb	23 02 56.9 +2.6
CHN4	baz=215	eS	Sb	23 02 33.5 -1.1	
TPUB	Ta-pu	1.60 231	P	Pb	23 02 54.9 +0.4
TPUB	baz=216	eS	Sb	23 02 32.0 +0.3	
IRIF	Riomote-Funau	1.60 89	P	Pn	23 02 32.0 +0.8
IRIF	baz=249	eS	Sn	23 02 33.2 +1.3	
STYT	Tauyuan	1.61 224	P	Pn	23 02 54.1 -0.6
STYT	baz=212	eS	Sn	23 02 32.5 +0.6	
WTCT	Ta-cheng	1.61 254	eP	Pn	23 02 54.9 -0.1
WTCT	baz=249	eS	Sb	23 02 34.9 -0.5	
CHY	Chiayi	1.64 240	eP	Pb	23 02 58.0 +2.3
CHY	baz=224	eS	Sb	23 02 34.3 -1.1	
WTP	Ta-pu	1.64 230	P	Pb	23 02 55.1 -0.8
WTP	baz=212	eS	Sb	23 02 34.0 +1.1	
HATJ	Hateruma jima	1.69 99	P	Pn	23 02 54.5 +1.1
HATJ	baz=195	eS	Sn	23 02 32.8 -0.4	
TWGB	Beinan	1.71 209	eP	Pn	23 02 33.0 -0.1
TWGB	baz=195	eS	Sn	23 02 35.8 -0.9	
TWK	Hsinying	1.72 233	eP	Pb	23 02 59.2 +1.1
TWK	baz=227	eS	Sb	23 02 35.8 -1.3	
WSF	Szhu	1.74 247	eP	Pb	23 02 58.8 +0.2
WSF	baz=258	eS	Sb	23 02 36.1 -1.1	
CHN1	Nanshi	1.74 230	eP	Pb	23 02 58.9 +0.2
CHN1	baz=225	eS	Sb	23 02 58.9 +0.1	
WLBG	Puzi	1.75 242	eS	Sn	23 02 35.6 +1.5
WLBG	baz=237	eP	Pn	23 02 59.5 0.0	
SGST	Jiashan	1.78 226	eP	Pb	23 02 36.8 -1.3
SGST	baz=209	eS	Sb	23 02 59.8 -0.4	
SLGT	Lugui	1.80 223	eP	Pb	23 02 36.1 +0.9
SLGT	baz=217	eS	Sb	23 02 58.9 +1.4	
JKRS	Kuro-shima	1.86 92	P	Pn	23 02 38.6 -0.9
JKRS	baz=196	eS	Sn	23 03 03.2 +0.5	
CHN8	Kifu	1.89 239	eP	Pb	23 02 40.3 +0.1
CHN8	baz=220	eS	Sb	23 03 05.6 +1.6	
CHN3	Shinhu	1.93 230	eP	Pb	23 02 37.2 +0.6
CHN3	baz=224	eS	Sb	23 02 37.0 +0.1	
EJL	Tainan	1.96 209	eP	Pn	23 02 01.1 +0.6
EJL	baz=196	eS	Sn	23 02 40.6 -0.7	
JCL	Ishigaki jima	1.98 88	P	Pn	23 03 05.2 -0.5
JCL	baz=214	eS	Sb	23 02 40.0 -1.3	
SCLT	Jiali	1.99 235	eP	Pb	23 03 03.0 +2.0
SCLT	baz=214	eS	Sb	23 02 40.6 -2.0	
SSD	Sandimen	2.00 218	eP	Pb	23 02 40.5 +1.9
SSD	baz=212	eS	Sb	23 03 07.1 -1.8	
TWM1	Shoushan	2.06 224	eP	Pb	23 02 39.3 +0.2
TWM1	baz=222	eS	Sn	23 02 41.5 +1.6	
MASBT	Mashibuluo	2.10 216	eP	Pb	23 02 44.6 -0.9
MASBT	baz=196	eS	Sb	23 02 41.3 -0.1	
MASBT	Ishigakijimahi	2.14 82	P	Pn	23 02 43.8 +2.4
JISG	Anshuo	2.19 208	eP	Pb	23 02 41.8 +0.2
JISG	baz=216	eS	Sb	23 02 43.0 +1.1	
SSPT	Xinbi	2.24 216	eP	Pb	23 02 42.5 +0.7
SSPT	baz=200	eS	Sb	23 02 43.8 +1.5	
LAY	Lan-yu	2.31 190	eP	Pn	23 02 42.6 +0.1
LAY	baz=186	eS	Sn	23 02 45.2 +1.1	
SCZT	Fangliu	2.31 213	eP	Pn	23 03 15.4 +1.9
SCZT	baz=198	eS	Sn	23 02 46.2 +1.0	
PTTG	Pingtan	2.32 301	eP	Pn	
PTTG	baz=289	eS	Sn		
PNGC	Penghu	2.34 252	eP	Pn	
PNGC	baz=248	eS	Sn		
PHUB	Peng-hu	2.34 250	eP	Pn	
PHUB	baz=246	eS	Sn		
WDGT	Dungji	2.37 244	eP	Pn	
WDGT	baz=240	eS	Sn		
WVUC	WVUC	2.39 287	eP	Pn	
WVUC	baz=285	eS	Sn		
JTJ	Tarama	2.50 82	P	Pn	
JTJ	baz=258	eS	Sn		
VCHM	Qimei	2.58 245	eP	Pn	
VCHM	baz=241	eS	Sn		

MATB	Ma-tsu	2.59 315	eP	Pn	23 02 45.4 +0.1
MATB	baz=313	eS	Sn		
TWK1	Hengchun	2.60 205	eP	Pn	23 02 48.3 +2.9
TWK1	baz=191	eS	Sn		
TWK1	Hengchun	2.60 205	eP	Pn	23 02 47.2 +1.7
TWK1	baz=191	eS	Sn		
PTMZ	Houxiangcun	2.69 286	eP	Pn	23 02 46.7 0.0
PTMZ	baz=284	eS	Sn		
JIRB	Irabujima	2.95 80	P	Pn	23 02 51.3 +1.0
JIRB	baz=270	eS	Sn		
LYJJ	Jianjiangzhen	2.99 318	eP	Pn	23 02 52.7 +1.3
LYJJ	baz=317	eS	Sn		
JKIM	Ikemajima	3.04 78	P	Pn	23 02 28.8 +2.1
JKIM	baz=271	eS	Sn		
XPSS	Dashiqi	3.06 329	eP	Pn	23 02 51.3 -0.4
XPSS	baz=327	eS	Sn		
JMJ	Miyako jima 2	3.06 80	eP	Pn	23 02 52.6 +0.8
JMJ	baz=82	eS	Sn		
JMJ2	Miyako jima3	3.08 82	eS	Pn	23 03 30.4 +2.6
JMJ2	baz=82	eS	Sn		
JOGS	Gesukube	3.15 81	eS	Pn	23 03 31.8 +2.2
JOGS	baz=290	eS	Sn		
MHZQ	Yeshan	3.20 304	eP	Pn	23 02 53.2 -0.5
MHZQ	baz=303	eS	Sn		
KNM	Kinmen	3.23 272	eP	Pn	23 02 56.7 +2.5
KNM	baz=270	eS	Sn		
KNMB	Chin-men Tao	3.27 273	eP	Pn	23 02 54.4 -0.3
KNMB	baz=271	eS	Sn		
AXDP	Jialiang	3.69 280	eP	Pn	23 03 00.1 -0.3
AXDP	baz=277	eS	Sn		
ZPLA	Ao Xicun	3.88 265	eP	Pn	23 03 04.0 +1.0
ZPLA	baz=262	eS	Sn		
JOW	Kunigami	6.21 65	Pn	Pn	23 03 35.5 +0.4
JOW	baz=270	eS	Sn		
JNU	Nakatsu	11.74 40	Pn	Pn	23 04 51.1 +0.2
JNU	baz=270	eS	Sn		
KSR5	Korea Array	14.04 20	Pn	Pn	23 05 21.9 -0.5
KSR5	baz=203	eS	Sn		
KSR5	comp=Z,53nm,18.3s,baz=219,slow=41	LR	LR		
DAV	Davao City (W)	17.50 168	LR	LR	23 12 21.0
DAV	comp=Z,47nm,21.1s,baz=344,slow=35	LR	LR		
MJAR	Matsushiro Arr	18.52 45	LR	LR	23 13 50.6
MJAR	comp=Z,49nm,20.3s,baz=215,slow=38	LR	LR		
CMAR	Chiang Mai Arr	22.21 259	P	P	23 06 59.0 -0.5
CMAR	comp=Z,25nm,18.2s,baz=245,slow=38	P	P		
CMAR	0.6nm,0.6s,baz=54,slow=9.1,SNR=2.6	LR	LR		
GUMO	Guam	24.10 112	LR	LR	23 16 38.5
GUMO	comp=Z,25nm,21.4s,baz=170,slow=32	LR	LR		
SOMN	Songino Array	26.53 336	P	P	23 07 39.0 -1.4
SOMN	comp=Z,20nm,0.9s,baz=154,slow=9.6,SNR=6.2	LR	LR		
SOMN	0.3nm,0.5s,baz=219,slow=40	LR	LR		
MKAR	Makanchi Array	38.74 315	P	P	23 09 27.0 +0.1
MKAR	comp=Z,48nm,19.1s,baz=59,slow=40	P	P		
MKAR	0.8nm,0.6s,baz=102,slow=9.8,SNR=11	LR	LR		
PETK	Petrovavlovsk	39.35 34	LR	LR	23 27 04.6
PETK	comp=Z,25nm,18.2s,baz=245,slow=38	LR	LR		
ZALV	Zalesovo Beam	40.52 327	P	P	23 09 39.8 -1.7
ZALV	comp=Z,25nm,18.2s,baz=245,slow=38	P	P		
ZALV	1.7nm,0.7s,baz=126,slow=7.7,SNR=6.3	P	P		
WRA	Warramunga Arr	45.62 164	P	P	23 10 22.9 -0.1
WRA	comp=Z,49nm,19.7s,baz=345,slow=8.5,SNR=12	P	P		
ASAR	Alice Springs	49.09 165	P	P	23 10 50.0 0.0
ASAR	comp=Z,49nm,19.7s,baz=345,slow=8.5,SNR=12	P	P		
ASAR	0.2nm,0.6s,baz=347,slow=11,SNR=1.5	LR	LR		
KBZ	Khabaz	65.96 309	LR	LR	23 45 18.9
KBZ	comp=Z,19nm,1.97s,baz=168,slow=39	LR	LR		
FINES	FINES Array B	71.69 330	P	P	23 13 23.4 -0.7
FINES	comp=Z,19nm,1.97s,baz=168,slow=39	P	P		
FINES	1.1nm,0.8s,baz=57,slow=7.0,SNR=5.5	P	P		

ATH 01 23:08:05.4, 38°32'N-20°50'E, h14km, 2km, ML2.2/4, Error ellipse: s-maj=2.1km s-min=0.8km az=223.0
 THE 01 23:08:06.0, 38°32'N-20°53'E, h8km, ML2.2/3, Error ellipse: s-maj=1.1km s-min=0.3km az=83.0
 ISC 01 23:08:04.4, 0.9, 38°32'N-20°46'E, 0.03-0.20, h20km, 4km, h32, 0.99/47, Greece

Code	Station Name	Δ° AZ°	Phase ID	Time Res
KEF5	Kardakata, Kep	0.04 175	Op P	23 08 07.7 -0.2
KEF5	Kardakata, Kep	0.04 175	Pg S	23 08 09.6 -0.6
KEF4	Livadi, Keph	0.07 208	P P	23 08 06.2 +0.2
KEF4	Livadi, Keph	0.07 208	Pg S	23 08 06.2 0.0
VSK1	VASILKIADIES	0.12 40	P P	23 08 08.4 -0.1
VSK1	VASILKIADIES	0.12 40	Pg S	23 08 10.1 -1.2
ARGA	Argostoli, Kep	0.14 175	P P	23 08 06.8 +0.1
ARGA	Argostoli, Kep	0.14 175	Pg S	23 08 11.6 +0.1
KEF3	Kipouria, Keph	0.15 219	P P	23 08 09.1 +0.4
KEF3	Kipouria, Keph	0.15 219	Pg S	23 08 12.6 +0.9
FSK	Fiskardo	0.16 28	P P	23 08 08.9 -0.1
FSK	Fiskardo	0.16 28	Pg S	23 08 11.5 -0.6
FSK	Fiskardo	0.16 28	P P	23 08 08.9 -0.1
FSK	Fiskardo	0.16 28	Pg S	23 08 11.5 -0.6
FSK	Fiskardo	0.16 28	P P	23 08 11.5 -0.6
FSK	Fiskardo	0.16 28	Pg S	23 08 11.5 -0.6
FSK	Fiskardo	0.16 28	P P	23 08 11.5 -0.6
FSK	Fiskardo	0.16 28	Pg S	23 08 11.5 -0.6
VLS	Valsamata	0.17 145	P P	23 08 09.1 0.0
VLS	Valsamata	0.17 145	Pg S	23 08 11.9 -0.4
VLS	Valsamata	0.17 145	P P	23 08 09.1 0.0
VLS	Valsamata	0.17 145	Pg S	23 08 11.9 -0.4
VLS	Valsamata	0.17 145	P P	23 08 12.4
VLS	Valsamata	0.17 145	Pg S	23 08 12.4
VLS	Valsamata	0.17 145	P P	23 08 12.5
VLS	Valsamata	0.17 145	Pg S	23 08 12.5
EVGI	Lefkada island	0.34 26	P P	23 08 11.9 +0.2
EVGI	Lefkada island	0.34 26	Pg S	23 08 17.1 +0.4
EVGI	Lefkada island	0.34 26	P P	23 08 11.9 +0.2
EVGI	Lefkada island	0.34 26	Pg S	23 08 17.1 +0.4
MGNA	Meganis	0.42 37	P P	23 08 17.1 +0.4
MGNA	Meganis	0.42 37	Pg S	23 08 14.4 +0.2
MGNA	Meganis	0.42 37	P P	23 08 20.6
MGNA	Meganis	0.42 37	Pg S	23 08 20.6
MGNA	Meganis	0.42 37	P P	23 08 20.6
MGNA	Meganis	0.42 37	Pg S	23 08 20.6
MGNA	Meganis	0.42 37	P P	23 08 20.6
MGNA	Meganis	0.		

Table with columns: WHP, Taichung City, 0.94 269 eP, Pb, 23 21 49.2 +0.1, etc. Lists various stations and their coordinates.

Table with columns: HATJ, Hateruma jima, 1.69 98 P, Pn, 23 21 59.5 +1.2, etc. Lists various stations and their coordinates.

Table with columns: MKAR, Makanchi Array, 83.47 319 P, P, 23 57 48.4 +0.2, etc. Lists various stations and their coordinates.

NNC 02 00:41:21.3, 2.1, 37:14N:68:89E, h7km, mb4.1, mpcv, 7. Error ellipse: s-maj=16.3km s-min=13.2km

DDA 02 00:41:19.9, 35:13N:27:79E, h17km, 5km, ML2.7, NIC 02 00:41:20.9, 0.0, 35:18N:27:79E, h2km, 1km, M12.5/3

IDC 01 23:45:19.7, 0.9, 6:97S:154:98E, h0km, mb4.2/10, mb1.4/11, mb1mx4.1/25, mbmp4.2/11, ML4.1/1, MS3.3/8

ISC 01 23:45:24.7, 0.6, 7:12S:0:09, 154:95E:0:08, h41km, n36, s-139/33, mb4.3/14, MS3.4/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Ulaanbaatar, USRK, BGD, KZRT, AKH, etc.

JMA 02:02:46:37.5:0.2, 24:22N:121.95E, h45km, 3km, M2.6
TAP 02:02:46:37.8, 24:33N:121.98E, h28km, ML3.4, 0
ISC 02:02:46:38.1:0.9, 24:32N:121.98E:0.02, h30km, 7km,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ENA, TWC, NACB, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NNS, NWLT, YHNB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VCHM, PTMZ, XPSS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Villia Ellenroc, Bardonecchia, La Foret Royal, les Blancs, Lago del Serru, La Plagne, Oris-en-Rattie, Mely, Simiane la Rot, Saint Maurice, Saint-Julien-l, Pioggiola, Cabf, HAU, AVF, LOR, Saint Sauge, Calviac, Bois d'Agland, Montoliou, Touleux Ste Croi, Les Rejaudoux.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Santiao Chiao, Wulai, Xiulin Townshi, Chiawan, Datong, Nan Shan, Yeheng, Sanguang, Wu-fen Shan, Mucha, Wu-fen Shan, Hwalien, Xindian Distri, Taipei, Taipei, Hehuan Shan, YMO1, YMO1, Daxi, YMO10, YMO11, YMO11, YMO5, YMO5, YMO5, YMO4, YMO4, YMO4, YMO8, Tech, Tech, Kuangyinshan, YMO3, YMO3, ANP, ANP, Danhui, Shilin, Renai, National Centr, Zhongli, Yonagunijimaku, Emei, Nantunang, Renai, Nantunang, Renai, Guanfu, Taichung City, Hsinchu, Hsinchu, WVDT, WVDT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Guoxing, Miaoil, Sanyi, Hungye, Sun Moon Lake, Yuanli, Sussung, Dajia District, Taichung, Yu-li, Xinyi Township, Zhushan, Minglian, Zhanghua, Alishan, Tsaung, Gukeng, Douliu, Lidau, Erlin, Iriomote-Funau, Tsaushan, Ta-pu, Hateruma jima, Chiayi, Tsiung, Ta-yuan, Ta-pu, Szu, Tainan City, Nanshi, Pingang, Mashibuluo, VVUC, Penghu, Peng-hu, Tungji, Fangliu, Tarama, Houxiangcun, Qimei, Hengchun.

NIED 02 02:52:10.8, 24:45N: 121:93E, h22km, MW3.5, Moment Tensor Solution. s1 Moment tensor: Scale 10^14Nm; Mrr: 1.12, Mss: 0.32, Mtt: -1.44, Mrr-1.33, Mss-0.99, Mtt-0.63; Fault plane solution: M2, 16000x10^14 NP1; phi: 307.000000, 371.000000, 1.59.000000; NP2: phi: 189.000000, 836.000000, 1.147.000000.

JMA 02 02:52:11.0, 24:50N: 121:88E, h20km, MW3.7 ASIES 02 02:52:11.0, 24:50N: 121:88E, h16km, ML4.0, C TAP 02 02:52:11.0, 24:50N: 121:92E, h16km, ML4.0, C ISC 02 02:52:10.5-0.9, 24:49N: 0.01-121:98E: 0.02, h14km, 6km, n117, s06/69/204, 12C-15D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Suao, ENA, EGS, TWE, NTC, NDT, NACB, TWPB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWBKT Hengchun, LYJJ Jianglingzhen, XPSS Dashiqiu, MHZO Yeshan, etc.

NEIC 02 05:33.9.2.0, 17.13N.0.03:101.37W.0.05, h11km, 5km, mb4.1/3, Md4.2/68(MEX), Error ellipse: s-maj=7.7km s-min=4.2km az=71.0

MEX 02 02:53:36.8.0.6, 17.20N:101.45W, h11km, 14km, MD4.2, IDC 02 02:53:41.9.6.0, 18.25N:100.54W, h0km, mb3.6/3, mb1.4/0.4, mb1mx3.6/29, mbtrng3.6/4, ML3.7/1, Error ellipse: s-maj=146.6km s-min=22.3km az=25.0

ISC 02 02:53:35.4.1.4, 17.19N:101.30W.0.04, h11km, gkm, n62.1/53.91, mb3.9/4, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIIG Zihuatajejo, CAIG El Cayaco, ACAP2 Acapulco, etc.

AEIC 02 03:10:33.2.1.67, 67N:100.4:162.2W:0.1, h17km, 3km, ML3.5/33, Error ellipse: s-maj=6.3km s-min=5.2km az=84.0

IDC 02 03:10:35.5.1.6, 68.01N:161.97W, h0km, mb3.6/6, mb1.4/0.8, mb1mx3.6/35, mbtrng3.7/8, ML3.8/3, Error ellipse: s-maj=36.6km s-min=19.4km az=49.9

ISC 02 03:10:35.1.0.8, 67.80N:106.162.0W:0.05, h10km, n54.1/62/63, mb3.8/5, Northern Alaska

Small table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RDOG Red Dog Mine, RDOG Nome, ANM Nome.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IM05 Indian Mountain, A21K Barrow, A21K Coldfoot, etc.

WEL 02 03:29:01.9.0.4, 34.3S:177.9W, h33km, M4.8/17, mb5.2/6, ML5.2/17, MLV5.0/17, Mw(MB)4.6/6

NEIC 02 03:29:01.1.1.9, 33.40S:0.05:179.2W:0.1, h70km, 8km, mb4.3/4, Error ellipse: s-maj=17.4km s-min=7.5km az=96.0

IDC 02 03:29:16.1.24.0, 33.04S:179.82W, h170km, 202km, mb3.8/4, mb1.4/0.4, mb1mx3.5/20, mbtrng3.4/4, Error ellipse: s-maj=95.5km s-min=20.7km az=60.0

ISC 02 03:29:02.5.0.7, 33.03S:0.09:179.8E:0.2, h100km, n75.1/199/73, mb4.3/7, 1C-1D, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Oxford, OXZ Oxford, MOZ McQueen's Vall, etc.

MAN 02 03:33:55.6, 4.46N:125.08E, h10km, MS3.7, 2C-3D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, SKMP Bagumbayan, Su, KCP Kidapawan, etc.

IDC 02 03:36:00.8.1.1, 34.85N:25.81E, h0km, mb3.6/7, mb1.3/7/13, mb1mx3.5/40, mbtrng3.6/13, ML3.5/6, Error ellipse: s-maj=22.2km s-min=2.7km az=19.0

ATH 02 03:36:02.9, 34.93N:25.76E, h21km, 1km, ML3.4/6, Error ellipse: s-maj=2.7km s-min=1.1km az=172.0

ISK 02 03:36:03.1, 34.92N:25.75E, h6km, 1km, ML3.5/12, THE 02 03:36:03.2, 34.91N:25.77E, h0km, 1km, ML3.6/11, Error ellipse: s-maj=2.2km s-min=0.7km az=168.0

DDA 02 03:36:08.7, 35.34N:26.10E, h16km, 2km, MW3.8, ISC 02 03:36:03.1.1.1, 34.91N:0.04:25.76E:0.02, h11km, 7km, n117.1/136/148, mb3.7/7, Crete

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAST Lasithi, NPS Neapolis, STIA Sita Lasithi, etc.

2d 5h

Table with columns: PPT2, Papeete2, 58.59, 66, eS, S, 06 11 24.5, -5.3, KMI, Kunming, 96.74 313, SS, SS, 06 24 58.8, +2.4, etc.

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Table with columns: KMI, Kunming, 96.74 313, SS, SS, 06 24 58.8, +2.4, etc.

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Table with columns: KCMP, Cahto Peak, 120.40, 62, IAMS_20, IAMS_20, 06 53 27.9, etc.

107A	comp=Z,2j,m,21.0s	IAMS_20	IAMS_20	06 57 32.2					
GEYT	Alibeck 126.05 284 PKP PKPdf 06 12 30.6 +0.1								
S22A	4UR Ranch, Cre 126.08 76 P PKIKP 06 12 33.0 +1.8								
S22A	4UR Ranch, Cre 126.08 76 IAMS_20 IAMS_20 06 59 59.6								
F04A	Ambroy 126.08 59 IAMS_20 IAMS_20 06 58 36.8								
AMTX	Amarillo 126.08 83 IAMS_20 IAMS_20 07 02 46.7								
E03A	Lebam 126.13 58 IAMS_20 IAMS_20 06 59 30.0								
KDAK	Kodiak Island 126.36 32 IAMS_20 IAMS_20 07 01 46.7								
237A	Washetta, Mont 126.43 90 IAMS_20 IAMS_20 07 03 10.8								
SC01	Santiago de lo 126.67 122 IAMS_20 IAMS_20 06 59 36.1								
SDCO	Great Sand Dun 126.68 77 P PKIKP 06 12 33.5 +1.1								
T25A	Trinidad 126.68 79 IAMS_20 IAMS_20 07 00 52.7								
NLWA	Neilton Lookou 126.70 57 IAMS_20 IAMS_20 06 59 34.2								
NATX	Nacogdoches 126.76 91 IAMS_20 IAMS_20 07 04 45.6								
G08A	Pilot Rock 126.95 62 PKPdf PKIKP 06 12 32.9 +0.4								
G08A	comp=Z,2j,m,19.0s								
LON	Longmire 126.99 59 IAMS_20 IAMS_20 06 59 33.9								
D05A	Enumclaw 127.27 58 IAMS_20 IAMS_20 06 59 39.4								
WMOK	Wichita Mounta 127.31 85 P PKIKP 06 12 33.5 0.0								
WMOK	Wichita Mounta 127.31 85 IAMS_20 IAMS_20 07 00 55.2								
TORD	Tordi Ar. Bea 127.41 213 PKP PKPdf 06 12 33.6 -0.1								
HLID	Halley 127.46 66 P PKIKP 06 12 35.2 +1.6								
HAWA	Hanford 127.61 61 IAMS_20 IAMS_20 07 01 01.6								
E07A	Gunnyside 127.62 60 IAMS_20 IAMS_20 07 03 11.7								
X34A	Smith Ranch, M 127.64 86 IAMS_20 IAMS_20 06 56 32.9								
SEU	Saint Kitts 127.74 132 IAMS_20 IAMS_20 07 00 02.8								
SK1	St. Eustatius 127.81 131 IAMS_20 IAMS_20 07 04 14.0								
Q24A	Divide 127.83 77 IAMS_20 IAMS_20 07 01 08.9								
LTY	Liberty 127.86 59 IAMS_20 IAMS_20 06 59 43.9								
E08A	Dider Farm, El 127.89 61 IAMS_20 IAMS_20 07 00 51.8								
KURK	Kurchatov 127.97 308 PKIKP PKPdf 06 12 33.6 0.0								
KURK	comp=Z,1j,m,20.0s								
KURK	Kurchatov 127.97 308 PKPdf PKPdf 06 12 33.6 0.0								
O61Z	Ochopit 128.07 108 IAMS_20 IAMS_20 06 57 22.7								
B05A	Bryant 128.10 57 P PKIKP 06 12 35.6 +1.1								
F10A	Beach Ranch, E 128.22 62 IAMS_20 IAMS_20 07 02 39.8								
CNPM	China Poot 128.24 31 P PKPdf 06 12 33.2 -0.6								
CNPM	comp=Z,2j,m,20.0s								
AHID	Auburn Hatche 128.25 69 IAMS_20 IAMS_20 07 03 36.8								
HOM	Home 128.26 31 IAMS_20 IAMS_20 07 00 56.7								
ISCO	Idaho Springs 128.30 76 P PKIKP 06 12 36.8 +1.2								
ISCO	Idaho Springs 128.30 76 IAMS_20 IAMS_20 07 02 19.4								
D08A	Wollman Farm, 128.40 60 IAMS_20 IAMS_20 07 01 03.4								
ZALV	Zalozovo Beam 128.46 315 PKP PKPdf 06 12 33.2 -1.2								
OKCFA	Oklahoma City 128.48 86 IAMS_20 IAMS_20 07 04 16.3								
BRLK	Bradley Lake 128.53 31 PKPdf PKIKP 06 12 36.0 +0.9								
BRLK	comp=Z,2j,m,22.0s								
B06A	Marblemount 128.55 58 IAMS_20 IAMS_20 07 00 58.2								
U32A	Winter Ranch 128.55 84 IAMS_20 IAMS_20 06 56 38.1								
OK025	Westminster Rd 128.67 86 IAMS_20 IAMS_20 07 04 23.3								
OK028	Liberty Lake 128.79 86 IAMS_20 IAMS_20 07 00 31.5								
REDW	Red Top Meadow 128.83 69 IAMS_20 IAMS_20 06 59 33.3								
Z41A	Richland Creek 128.87 91 IAMS_20 IAMS_20 07 06 03.5								
TPAW	Teton Pass 128.89 69 PKPdf PKIKP 06 12 37.4 +0.7								
TPAW	comp=Z,2j,m,20.0s								
BW06	Boulder Array 128.92 71 P PKIKP 06 12 38.0 +1.3								
PDAR	Pinedale Array 128.92 71 PKP PKIKP 06 12 36.9 +0.1								
SNOW	Snow King Mount 128.96 69 IAMS_20 IAMS_20 06 59 36.5								
N23A	Red Feather La 129.03 75 P PKIKP 06 12 37.1 +0.1								
N23A	Red Feather La 129.03 75 IAMS_20 IAMS_20 07 03 36.8								
WLAR	White Oak Lake 129.08 91 IAMS_20 IAMS_20 07 06 33.1								
SEW	Seward 129.18 32 IAMS_20 IAMS_20 07 03 09.3								
IMW	Indian Meadow 129.22 69 PKPdf PKIKP 06 12 37.7 +0.4								
C09A	Chrisman Ranch 129.26 60 IAMS_20 IAMS_20 07 04 46.1								
B08A	Colville Reser 129.28 59 IAMS_20 IAMS_20 07 00 47.5								
TUL1	Leonard 129.66 87 IAMS_20 IAMS_20 07 04 39.5								
DLMT	Dillon 129.68 66 IAMS_20 IAMS_20 06 59 53.7								
DWPF	Disney Wildern 129.77 106 IAMS_20 IAMS_20 07 01 53.9								
H17A	Grant Village 129.78 69 IAMS_20 IAMS_20 06 59 54.5								
X40A	Basin Creek Fa 129.87 91 IAMS_20 IAMS_20 07 06 51.0								
CCAR	Cane Creek 129.90 92 IAMS_20 IAMS_20 07 06 47.7								
ANM	Nome 129.91 21 IAMS_20 IAMS_20 07 03 59.9								
451A	Vernon 129.94 100 IAMS_20 IAMS_20 06 59 53.6								
SUA	Susitna One 130.06 30 IAMS_20 IAMS_20 07 02 09.3								
LLBL	Lillooet 130.07 56 IAMS_20 IAMS_20 07 01 42.6								
NEW	Newport 130.09 61 IAMS_20 IAMS_20 07 02 25.3								
T35A	Disney Wildern 130.15 86 IAMS_20 IAMS_20 06 57 52.3								
K22A	Casper 130.18 73 IAMS_20 IAMS_20 07 03 49.0								
TTA	Tatalina 130.18 27 PKIKP PKIKP 06 12 38.9 +0.5								
TTA	Tatalina 130.18 27 PKPdf PKIKP 06 12 38.9 +0.5								
HIN	Hinchinbrook I 130.18 33 IAMS_20 IAMS_20 06 58 57.7								
CBKS	Cedar Bluff 130.19 81 PKIKP PKIKP 06 12 39.2 +0.1								
CBKS	Cedar Bluff 130.19 81 P PKIKP 06 12 39.5 +0.4								
CBKS	Cedar Bluff 130.19 81 PKPdf PKIKP 06 12 39.2 +0.1								
M50	Missoula 130.27 64 P PKIKP 06 12 38.9 -0.2								
BOZ	Bozeman (W) 130.28 67 P PKIKP 06 12 40.2 +1.0								
BOZ	Bozeman (W) 130.28 67 IAMS_20 IAMS_20 07 07 40.6								
SKT	Skwentna 130.32 30 IAMS_20 IAMS_20 07 00 31.3								
BILL	Biilbino 130.33 5 ePKIKP PKIKP 06 12 38.2 -0.2								
BILL	comp=Z,2j,m,20.0s								
BILL	ePPP PPP 06 17 37.2								

BILL	comp=Z,3,0nm,1.2s	eSS	SS	06 32 17.3 -1.8					
BILL	comp=Z,1j,m,19.0s	eSSS	SSS	06 37 05.7					
BILL	MLR	MLR	MLR						
BILL	Biilbino 130.33 5 IAMS_20 IAMS_20 07 01 49.1								
UALR	University of 130.34 91 IAMS_20 IAMS_20 07 07 15.4								
656A	Williston 130.35 104 IAMS_20 IAMS_20 06 59 33.3								
FID	Port Fidalgo 130.49 33 IAMS_20 IAMS_20 07 04 21.6								
KNK	Knik Glacier 130.56 32 IAMS_20 IAMS_20 07 04 21.8								
SIT	Sitka 130.57 42 IAMS_20 IAMS_20 06 59 30.0								
W41B	Gary Heavily, V 130.71 91 P PKIKP 06 12 41.1 +0.9								
U38A	Gravette 130.75 88 IAMS_20 IAMS_20 07 05 09.2								
X43A	Marvell 130.81 92 IAMS_20 IAMS_20 07 07 44.8								
JTMT	Jette 130.85 63 IAMS_20 IAMS_20 07 02 27.6								
PPLA	Blakey 130.98 29 IAMS_20 IAMS_20 07 02 46.5								
352A	Purkey 131.04 100 IAMS_20 IAMS_20 06 59 55.8								
SCM	Sheep Creek M 131.20 32 IAMS_20 IAMS_20 07 04 29.7								
U40A	Yellville 131.40 89 P PKPdf 06 12 41.1 +0.5								
PCA	Pinnacle 131.61 37 IAMS_20 IAMS_20 07 08 18.2								
TIGA	Titan 131.62 101 IAMS_20 IAMS_20 07 00 04.4								
HDBT	Hernando Brdge 131.72 93 IAMS_20 IAMS_20 07 06 55.5								
MET	Memphis-Engin 131.75 93 IAMS_20 IAMS_20 07 08 15.7								
HBAR	Harrisburg 131.76 92 IAMS_20 IAMS_20 07 06 12.1								
GLB	Gilghina Butte 131.77 34 IAMS_20 IAMS_20 06 59 44.1								
KSU1	Kansas State U 131.87 84 IAMS_20 IAMS_20 06 58 29.8								
TRF	Thorofare Moun 131.89 29 PKPdf PKPdf 06 12 40.3 -0.6								
LCAR	Lake Charles 131.95 91 IAMS_20 IAMS_20 07 06 48.3								
BESE	Bessie Mountai 131.96 41 IAMS_20 IAMS_20 07 03 36.6								
WALA	Waterton Lakes 132.04 62 IAMS_20 IAMS_20 07 03 45.8								
W45A	Hickory Valley 132.12 93 IAMS_20 IAMS_20 07 07 30.6								
RND	Reindeer 132.18 30 IAMS_20 IAMS_20 07 03 14.4								
R39A	Bolivar 132.26 88 IAMS_20 IAMS_20 07 06 22.2								
BPAW	Bear Paw Mtn. 132.29 29 IAMS_20 IAMS_20 07 06 13.3								
MGMO	Mountain Grove 132.32 89 IAMS_20 IAMS_20 07 04 16.7								
GNAR	Gosnell 132.40 92 IAMS_20 IAMS_20 07 06 33.9								
MCK	McKinley 132.44 30 IAMS_20 IAMS_20 07 05 38.3								
RSSD	Black Hills 132.45 74 PKIKP PKPdf 06 12 43.0 +0.4								
RSSD	Black Hills 132.45 74 PKPdf PKPdf 06 12 43.0 +0.4								
RSSD	Black Hills 132.45 74 IAMS_20 IAMS_20 07 05 46.2								
Z51A	Franklin 132.47 98 IAMS_20 IAMS_20 07 02 07.5								
SKAG	Skagway 132.53 40 IAMS_20 IAMS_20 07 08 54.6								
PAX	Paxson 132.63 32 IAMS_20 IAMS_20 07 05 25.4								
LNXT	Lenox 132.75 92 IAMS_20 IAMS_20 07 05 31.3								
PBMO	Poplar Bluff 132.87 91 IAMS_20 IAMS_20 07 08 50.4								
PVMO	Portageville 132.91 92 IAMS_20 IAMS_20 07 06 55.5								
BRVK	Borovoye 132.96 305 PKIKP PKPdf 06 12 41.8 -1.2								
BRVK	comp=Z,2j,m,22.0s								
PENMO	Penman 132.98 92 IAMS_20 IAMS_20 07 06 57.2								
EGMT	Eagleton 132.98 66 IAMS_20 IAMS_20 07 05 33.0								
HYT	Haines Junctio 132.99 38 PKPdf PKIKP 06 12 43.8 -0.3								
PARMO	Parma 133.09 92 IAMS_20 IAMS_20 07 07 27.3								
257A	Skidaway Islan 133.24 103 IAMS_20 IAMS_20 07 04 22.9								
HENM	Henderson Moun 133.26 92 IAMS_20 IAMS_20 07 09 20.8								
WRH	Wood River Hi 133.27 30 IAMS_20 IAMS_20 07 05 52.2								
GOGA	Godfrey 133.33 100 IAMS_20 IAMS_20 07 00 29.4								
RIDG	Independent Ri 133.43 32 IAMS_20 IAMS_20 07 05 29.6								
Y52A	Lilburn 133.43 99 IAMS_20 IAMS_20 07 01 10.1								
CCB	Clear Creek Bu 133.49 30 PKPdf PKPdf 06 12 42.6 -1.0								
CCB	comp=Z,2j,m,21.0s								
HDA	Harding Lake 133.49 30 P PKIKP 06 12 44.5 -0.4			</					

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2d 5h															
AAM	Ann Arbor	140.42	92	IAMS_20	IAMS_20	07 11	57.3								
I45A	Fountain	140.56	88	IAMS_20	IAMS_20	07 09	29.9								
N53A	Lisbon	140.56	96	IAMS_20	IAMS_20	07 05	51.0								
J47A	Summer	140.60	90	IAMS_20	IAMS_20	07 12	16.1								
ULM	Lac du Bonnet	140.72	74	IAMS_20	IAMS_20	07 17	26.0								
COWI	Conover	140.76	84					PKPpdf	06 12	54.8	-2.9				
M57A	Homestead Farm	140.81	100	IAMS_20	IAMS_20	07 09	36.3								
M52A	Chesterland	140.90	95	IAMS_20	IAMS_20	07 05	46.9								
ANN	Anapa	141.00	273	i PKIKP	PKIKP	06 13	02.7	+1.9							
ANN															
ANN															
N54A	Moraine State	141.08	97	IAMS_20	IAMS_20	07 09	11.6								
R61A	Willards	141.10	104	IAMS_20	IAMS_20	07 28	14.9								
M53A	Wl Miller and	141.14	96	IAMS_20	IAMS_20	07 10	25.2								
O56A	Blue Knob Stat	141.19	99	IAMS_20	IAMS_20	07 07	19.4								
FFC	Flin Flin	141.20	65	IAMS_20	IAMS_20	07 09	59.4								
K50A	Casco	141.27	93	IAMS_20	IAMS_20	07 08	27.8								
I47A	Gladwin	141.35	90	IAMS_20	IAMS_20	07 09	25.8								
Q60A	Greensboro	141.41	103	IAMS_20	IAMS_20	07 28	45.4								
YKA	Yellowknife Ar	141.55	48	PKHKP	PKPpre	06 12	52.9								
M54A	Oil Creek Stat	141.66	97	IAMS_20	IAMS_20	07 09	37.0								
SSPA	Standing Stone	141.79	99	IAMS_20	IAMS_20	07 10	53.4								
GLMI	Grayling	141.91	89	IAMS_20	IAMS_20	07 09	18.7								
ERPA	Erie	141.99	96	IAMS_20	IAMS_20	07 13	37.7								
PAGS	Pennsylvania G	142.00	101	IAMS_20	IAMS_20	07 07	43.9								
M55A	Ridgway	142.05	98	IAMS_20	IAMS_20	07 30	28.2								
I49A	Point Hope	142.07	91	IAMS_20	IAMS_20	07 15	23.2								
ITM	Ithomi	142.08	250	IAMS_20	IAMS_20	07 18	13.7								
P60A	Greenville	142.16	102	IAMS_20	IAMS_20	07 22	21.2								
M56A	Emporium	142.33	98	P	PKPpdf	06 13	01.5	+0.8							
M56A	Emporium	142.33	98	IAMS_20	IAMS_20	07 11	19.6								
PSUB	Penn St - Bra	142.34	102	IAMS_20	IAMS_20	07 15	32.9								
P61A	Hammtont	142.44	103	IAMS_20	IAMS_20	07 22	26.4								
N58A	Sunbury	142.49	100	IAMS_20	IAMS_20	07 06	53.9								
M57A	Sunshine Farm	142.70	99	IAMS_20	IAMS_20	07 16	42.4								
L55A	Hinsdale	142.76	97	P	PKPpdf	06 13	02.6	+1.1							
WVNY	West Valley, N	142.85	97	IAMS_20	IAMS_20	07 11	42.6								
N59A	State Game Lan	142.99	101	IAMS_20	IAMS_20	07 08	09.0								
M58A	Price's Panora	143.03	100	P	PKPpdf	06 13	01.6	-0.4							
L56A	Greenwood	143.13	98	P	PKPpdf	06 13	02.1	0.0							
BRNJ	Basking Ridge	143.35	103	IAMS_20	IAMS_20	07 19	01.0								
AGG	Agios Georgios	143.42	253	PKIKP	PKPpdf	06 13	02.2	-0.5							
AGG	Agios Georgios	143.42	253	PKPpdf	PKPpdf	06 13	02.2	-0.5							
MMNV	Mt. Morris Dam	143.43	97	IAMS_20	IAMS_20	07 10	49.9								
KSPA	Keystone Colle	143.50	100	IAMS_20	IAMS_20	07 07	19.5								
J54A	Appleton	143.51	96	IAMS_20	IAMS_20	07 19	42.2								
ODNJ	Ogdensburg	143.65	102	IAMS_20	IAMS_20	07 18	20.6								
J55A	Hilton	143.89	97	IAMS_20	IAMS_20	07 09	57.9								
PAL	Palisades	143.91	103	IAMS_20	IAMS_20	07 28	29.4								
K57A	Scipio Center	144.07	98	P	PKPpdf	06 13	02.9	-0.8							
M61A	Granite Spring	144.22	103	P	PKPpdf	06 13	03.6	-0.4							
D47A	Chapleau	144.28	88	P	PKPab	06 13	01.1	-0.8							
E48A	Lockeys	144.29	89	P	PKPab	06 13	01.5	-0.4							
WSPT	Westport, CT	144.30	103	IAMS_20	IAMS_20	07 10	53.8								
L59A	Walton	144.33	100	P	PKPab	06 13	02.0	-0.3							
L59A	Walton	144.33	100	IAMS_20	IAMS_20	07 14	59.5								
J56A	Wolcott	144.34	98	P	PKPab	06 13	00.6	-1.6							
J56A	Wolcott	144.34	98	IAMS_20	IAMS_20	07 07	36.9								
SADO	Sadowa	144.42	94	PKPpdf	PKPab	06 13	01.9	-0.6							
PRD	Provardia	144.45	262	eP	PKPab	06 13	02.1	-0.5							
A36M	Sachs Harbour	144.46	32	P	PKPab	06 13	01.3	-0.5							
K58A	Earlville	144.50	99	P	PKPab	06 13	01.8	-1.0							
K58A	Earlville	144.50	99	IAMS_20	IAMS_20	07 09	24.1								
H53A	Bobcaygeon	144.53	94	P	PKPab	06 13	02.1	-0.8							
L60A	Shokan	144.55	102	P	PKPab	06 13	02.3	-0.7							
VORD	Divnogorie	144.62	281	ePKIKP	PKPab	06 13	02.8	-0.2							
VORD															
K5CT	Kent School, K	144.67	103	IAMS_20	IAMS_20	07 21	24.6								
I55A	Frankford	144.68	96	P	PKPab	06 13	02.6	-0.9							
M62A	Hamden	144.72	103	P	PKPab	06 13	03.3	-0.3							
PECO	Prince Edward	144.78	97	IAMS_20	IAMS_20	07 12	57.6								
PLD	Plowdvi	144.83	258	eP	PKPab	06 13	02.9	-1.2							
J57A	Williamstown	144.84	98	P	PKPab	06 13	03.7	-0.4							
J57A	Williamstown	144.84	98	IAMS_20	IAMS_20	07 09	33.1								
VSR	Storozhevoye	144.85	282	ePKIKP	PKPab	06 13	02.3	-1.5							
VSR															
K59A	Cooperstown	144.87	100	P	PKPab	06 13	03.5	-0.8							
E50A	Whanipitae	144.91	90	P	PKPab	06 13	03.8	-0.4							
GE3A	Haliburton	144.93	94	P	PKPab	06 13	03.6	-0.7							
F51A	Arnstein	144.93	92	P	PKPab	06 13	02.9	-1.4							
DELO	Deloro	144.94	95	IAMS_20	IAMS_20	07 20	19.8								
TIRR	Tirgusor	144.95	264	PKPab	PKPab	06 13	04.0	-0.4							
TIRR	Tirgusor	144.95	264	ePKIKP	PKPab	06 13	04.0	-0.4							
JURR	Jurlovoski	144.97	265	PKPab	PKPab	06 12	59.0	-5.5							
D48A	Paudash Townshi	144.97	99	P	PKPbc	06 13	03.5	-0.9							
L61A	Hillsdale 1, H	145.01	102	P	PKPbc	06 13	03.3	-1.4							
M63A	Gales Ferry	145.07	104	P	PKPbc	06 13	04.0	-0.9							
F52A	Sundridge	145.11	92	P	PKPbc	06 13	03.1	-0.9							
J58A	Remsen	145.13	99	P	PKPbc	06 13	04.1	-1.0							
J58A	Remsen	145.13	99	IAMS_20	IAMS_20	07 11	15.8								
H55A	Tweed	145.17	96	P	PKPbc	06 13	03.9	-1.2							
SZH	Strazhica	145.18	261	eP	PKPbc	06 13	01.4	-3.8							
VAY	Valandovo	145.18	255	i PKP	PKPbc	06 13	04.7	-0.6							
KIRV	Kirov	145.18	288	i PKP2	PKPbc	06 13	03.9	-0.8							
L50B	Topalu	145.18	294	PKPbc	PKPbc	06 13	03.9	-1.2							
D49A	Beulah Townshi	145.19	89	P	PKPbc	06 13	04.4	-0.9							
TOPG	Topolog	145.28	265	PKPbc	PKPbc	06 13	04.8	-0.7							
HARR	Harsova	145.35	264	PKPbc	PKPbc	06 13	05.6	-0.1							

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), ISC. Includes stations like Thein Dam, Alamyashu, Uchtor, etc.

JMA 02:07:17.54:9.0,1.24:01N:122.43E,h24km,3km,M2.6
TAP 02:07:17.55:0.24:00N:122.47E,h31km,ML3.1,D
ISC 02:07:17.53:3.1,0.24:00N:0.03:122.46E:0.02,h14km,9km,1.68, c0547799, ID, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), ISC. Includes stations like Yonagunijimaku, Yonaguni jima, etc.

Table with columns: TIPP, Shuangxi, 1.12 329 P Pn, etc. Includes stations like TIPP, Shuangxi, NWLT, etc.

GCMT 02:07:24.24:3.0,4.0,1.2S:0.03:124.90E:0.03,h61km,2km,
Mw5.2/59, Moment Tensor Solution. s27,c30; s59,c78;
Duration: 0. Moment tensor: Scale 10^16Nm; Mr:6.1±.48;
Mw:6.6±.31; Mw:2.07±.39; Mw:2.17±.22; Mw:0.54±.28;
Mw:2.6±.21; Best double couple: Mw:6.9500x10^16
NP1:0.239,0.0000°,0.643,0.0000°,1.45,0.0000°. NP2:
0.112,0.0000°,0.61,0.0000°,1.123,0.0000°. Principal axes:
T: 3.6060, Plg59.0000°, Azm71.0000°; N: 0.7780,
Plg29.0000°, Azm275.0000°; P: -7.0840, Plg10.0000°,
Azm179.0000°. nst1a refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
BUJ 02:07:24.24:4.0,0.0,4.3S:124.98E,h91km,mB5.1/35,
mB5.1/64
IDC 02:07:24.25:5.2,1.0,0.05N:124.47E,h41km,mb,6/33,
mb1.4/7/36,mb1mx1.6/41,mbmp4.9/36,ML4.1/3,MSA.0/13,
Ms1.4/0/13,ms1mx3.8/46, Error ellipse: s-maj=13.5km
s-min=8.2km az=71.0
DJA 02:07:24.28:4.0,1.0,0.5S:124.5E,h57km,3km,M4.9/34,
mb5.0/34,mb5.4/16,MLV5.2/16,Mw(mB)4.8/16
NEIC 02:07:24.28:6.2,3.0,0.00S:124.65E:0.06,h71km,4km,
mb5.1/127, Error ellipse: s-maj=9.7km s-min=7.8km
az=161.0
KLM 02:07:24.29:0.0,0.03N:124.68E,h76km,mb5.0, Hypocentre
not reviewed by the ISC
MOS 02:07:24.30:5.1,3.0,0.13N:124.48E,h103km,mb5.1/65, Error
ellipse: s-maj=9.0km s-min=4.7km az=108.3
ISC 02:07:24.29:1.0,5.0,0.02N:103.124.65E:0.03,h78km,4km,
n519,c1926/517,mb5.1/153,29C-5D,Minahassa
Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time (h m s), Res (ISC), ISC. Includes stations like KMSI, MNI, LUWI, etc.

Table with columns: TNTI, Labuha, 2.82 75 P Pn, etc. Includes stations like TNTI, Labuha, NTLA, etc.

ASAR	comp=Z,9.8nm,0.5s,baz=345,slow=2.1,SNR=31	PcP	PcP	07 33 20.7 +0.9
ASAR	comp=Z,3.6nm,1.0s,baz=353,slow=2.3,SNR=4.8	S	S	07 34 09.3 +1.6
ASAR	comp=Z,0.8nm,0.6s,baz=352,slow=2.5,SNR=4.9	S	S	07 36 54.0 +1.7
ASAR	comp=Z,307nm,19.3s,baz=312,slow=37	LR	LR	07 40 07.9
RPSI	Rantau Prapat 25.85 276 P	P	P	07 29 52.7 -1.0
RPSI	Rantau Prapat 25.85 276 P	P	P	07 29 51.6 -2.0
PSI	comp=Z,18nm,0.9s,baz=176,slow=1.0,SNR=16	LR	LR	07 39 26.0
PSI	Prapat 25.86 276 P	P	P	07 29 51.6 -2.3
MTSU	Mount Surprise 26.45 134 P	P	P	07 29 58.7 -0.4
JOW	Kunigami 26.88 7 P	P	P	07 30 03.8 +0.9
JOW	Kunigami 26.88 7 P	P	P	07 30 04.4 +1.6
MEEK	Mee Katharra 27.13 192 P	P	P	07 30 04.3 -0.8
KRVT	Keravat (AS076) 27.69 99 P	P	P	07 30 11.5 +1.2
KRVT	comp=Z,204nm,0.7s,baz=336,slow=2.0,SNR=12	LR	LR	07 41 33.7
CTA	Charters Tower 29.11 135 P	P	P	07 30 23.5 +0.7
MORW	Morawa 30.07 195 P	P	P	07 30 31.8 +0.7
FORT	Forrest 30.80 174 P	P	P	07 30 37.7 +0.2
FORT	Forrest 30.80 174 P	P	P	07 30 37.5 -0.1
CMAR	comp=Z,7.8nm,0.9s,baz=135,slow=8.4,SNR=25	PcP	PcP	07 33 36.1 +1.6
CMAR	comp=Z,204nm,20.2s,baz=160,slow=36	LR	LR	07 43 04.4
BLDU	Balidu 31.39 193 P	P	P	07 30 43.9 +1.1
CHTO	Chiang Mai 31.39 308 P	P	P	07 30 43.6 +0.7
CHTO	Chiang Mai 31.39 308 P	IAMB	IAMB	07 30 43.6 +0.7
GYA	Guiyang 31.48 328 P	P	P	07 30 45.1 +1.3
GYA	comp=Z,110nm,3.6s	LR	LR	07 31 04.4 +2.3
GYA	comp=Z,220nm,15.4s	LR	LR	07 33 36.7 +1.3
GYA	comp=Z,210nm,18.5s	LR	LR	07 35 49.5 +3.0
GYA	comp=Z,210nm,14.7s	LR	LR	
WHN	Wuhan 31.89 343 P	P	P	07 30 47.8 +0.6
WHN	Wuhan 31.89 343 P	S	S	07 36 02.2 +1.0
NJ2	Nanjing 32.33 351 eP	P	P	07 30 51.4 +0.5
NJ2	comp=Z,19nm,0.8s	LR	LR	
NJ2	comp=Z,620nm,17.5s	LR	LR	
NJ2	comp=Z,690nm,14.2s	LR	LR	
KMI	Kunming 32.73 321 P	P	P	07 30 56.5 +1.6
KMI	Enshi 33.36 336 IAMB	IAMB	IAMB	07 31 02.5
JNU	Nakatsue 33.44 10 P	P	P	07 31 00.6 -0.1
NWAO	Narogin (SRO) 33.51 191 P	P	P	07 31 01.6 +0.3
NWAO	Narogin (SRO) 33.51 191 P	P	P	07 31 01.6 +0.3
NWAO	comp=Z,35nm,1.3s	LR	LR	07 31 14.7
BBOO	Buckleboo 34.38 163 P	P	P	07 31 09.0 +0.2
BBOO	Buckleboo 34.38 163 P	P	P	07 31 09.4 +0.5
STKA	Stevens Creek 35.55 155 P	P	P	07 31 19.6 +0.7
STKA	Stevens Creek 35.55 155 P	P	P	07 31 19.6 +0.7
STKA	comp=Z,41nm,0.9s,baz=327,slow=9.4,SNR=35	PcP	PcP	07 33 47.0 +0.4
STKA	comp=Z,5.4nm,0.7s,baz=332,slow=4.6,SNR=3.4	LR	LR	07 46 38.3
HTT	Hallett 35.88 159 P	P	P	07 31 23.6 +1.8
CD2	Chengdu 36.56 329 P	P	P	07 31 28.6 +0.9
TIA	Tai'an 36.68 350 P	P	P	07 31 27.2 -1.3
XAN	Xi'an 36.91 338 P	P	P	07 31 29.5 -1.1
XAN	comp=Z,14nm,0.7s	LR	LR	
XAN	comp=Z,360nm,17.4s	LR	LR	
XAN	comp=Z,380nm,19.5s	LR	LR	
XAN	comp=Z,690nm,18.2s	LR	LR	
MAJO	Matsushiro 38.46 18 P	P	P	07 31 42.9 -0.6
MAJO	Matsushiro 38.46 18 P	IAMB	IAMB	07 31 44.0
MAT	Matsushiro 38.46 18 P	P	P	07 31 42.7 -0.8
MJAR	Matsushiro Arr 38.46 18 P	P	P	07 31 42.4 -1.1
MJAR	comp=Z,25nm,0.8s,baz=198,slow=9.5,SNR=59	PcP	PcP	07 33 56.5 +1.1
MJB9	Matsu-Tunnel 38.46 18 IAMB	IAMB	IAMB	07 31 44.0
ARMA	Armida 39.68 142 P	P	P	07 31 52.4 -1.6
ARMA	Armida 39.68 142 P	IAMB	IAMB	07 31 54.6 +0.6
ARMA	Armida 39.68 142 P	IAMB	IAMB	07 31 56.2
ARPS	Mount Arapiles 39.93 158 P	P	P	07 31 54.9 -0.8
SHL	Shillong 40.56 311 P	P	P	07 31 59.8 -1.6
SHL	Shillong 40.56 311 P	P	P	07 31 59.8 -1.6
BJI	Beijing 40.57 350 P	S	S	07 32 00.0 -1.0
BJI	comp=Z,7.0nm,0.5s	LR	LR	07 38 06.3 +1.5
BJI	comp=Z,86nm,12.0s	LR	LR	
BJI	comp=Z,260nm,19.6s	LR	LR	
BJI	comp=Z,300nm,32.2s	LR	LR	
YNG	Young 40.75 149 P	P	P	07 32 02.0 -0.7
LZH	Lanzhou 40.76 334 eP	P	P	07 32 04.2 +1.3
LZH	comp=Z,16nm,0.8s	eP	eP	07 32 21.2 -0.5

LZH	comp=Z,50nm,1.3s	pmx	pmx	
LZH	comp=Z,360nm,14.3s	LR	LR	
LZH	comp=Z,360nm,14.4s	LR	LR	
LZH	comp=Z,430nm,15.2s	LR	LR	
TOO	Toolangi 42.07 155 P	P	P	07 32 12.6 -0.8
TOO	Toolangi 42.07 155 P	P	P	07 32 15.8 +2.4
TOO	comp=Z,41nm,1.1s	pmx	pmx	
TOO	Toolangi 42.07 155 P	IAMB	IAMB	07 32 15.8 +2.4
TOO	comp=Z,41nm,1.1s	IAMB	IAMB	07 32 16.5
HHC	Hu-ho-hao-te 42.34 345 eP	P	P	07 32 24.9 +9.3
HHC	comp=Z,14nm,1.1s	pmx	pmx	
HHC	comp=N,120nm,15.1s	LR	LR	
HHC	comp=E,150nm,13.3s	LR	LR	
HHC	comp=Z,170nm,13.4s	LR	LR	
MSHR	Mys Shultsa 42.77 7ceP	P	P	07 32 19.5 +0.6
VLA	Vladivostok 43.40 8ciP	P	P	07 32 24.4 +0.4
LSA	Lhasa 43.47 316 P	P	P	07 32 25.7 +0.3
LSA	Lhasa 43.59 1 eP	P	P	07 32 24.9 -0.8
CN2	Changchun 44.47 8ciP	P	P	07 32 33.0 +0.4
USA0B	Ussuriysk Arra 44.47 8 P	P	P	07 32 33.1 +0.6
USA0B	Ussuriysk Arra 44.47 8 P	P	P	07 32 33.1 +0.6
USRK	Ussuriysk Ar. 44.47 8 P	P	P	07 32 33.1 +0.6
USRK	comp=Z,30nm,0.6s,baz=190,slow=6.3,SNR=64	PcP	PcP	07 34 15.4 +0.5
ODAN	Odare 44.67 310 eP	P	P	07 32 34.6 -0.1
TAPN	Taplejung 44.75 112 P	P	P	07 32 35.4 +0.5
SANVU	Sarautout 45.02 20ceP	P	P	07 32 35.8 +0.6
ERM	Ermo 45.02 20ceP	pmx	pmx	07 32 37.6 +0.7
ERM	comp=Z,15nm,0.8s	pmx	pmx	
ERM	Ermo 45.02 20 P	P	P	07 32 38.2 +1.3
GTA	Gatoti 45.31 333 P	P	P	07 32 39.6 +0.1
GTA	comp=Z,40nm,1.1s	pmx	pmx	07 34 19.2 +1.1
GTA	comp=Z,140nm,4.4s	LR	LR	
GTA	comp=Z,220nm,19.0s	LR	LR	
GTA	comp=Z,450nm,18.1s	LR	LR	
GTA	comp=Z,440nm,21.3s	LR	LR	
RAMN	Ramiti 45.32 309 eP	P	P	07 32 40.7 +0.8
PVM	Polavaram 45.67 294 eP	P	P	07 32 41.8 -0.7
JIRN	Jiri 45.99 310 eP	P	P	07 32 45.2 -0.2
TEY	Ternei 46.06 121iP	pmx	pmx	07 32 45.8 +0.7
TEY	comp=Z,100nm,0.7s	pmx	pmx	
TEY	comp=N,100nm,0.7s	pmx	pmx	
DZM	Mont Dzumac 46.26 121 IAMB	IAMB	IAMB	07 32 48.1 +0.9
DZM	comp=N,11nm,0.8s,baz=213,slow=8.3,SNR=4.9	IAMB	IAMB	07 32 49.5
GUN	Gumbi 46.35 310 eP	P	P	07 32 47.8 -0.4
MYLAV	Mylavaram 46.43 293 eP	P	P	07 32 47.6 -0.9
MYLAV	comp=Z,164nm,3.2s	IvMBBB	IvMBBB	07 33 19.7
SKHT	Srikalahasti 46.53 289 eP	P	P	07 32 49.1 -0.2
PKI	Pulchoki 46.55 309 eP	P	P	07 32 48.9 -0.8
PKIN	Phulchoki 46.56 309 eP	P	P	07 32 49.6 -0.1
DMN	Daman 46.80 309 eP	P	P	07 32 51.2 -0.4
ADKI	Addanki 46.80 292 eP	P	P	07 32 50.4 -1.0
GKN	Gorkha 47.35 309 eP	P	P	07 32 55.3 -0.5
NJS	Nagarjunasagar 47.60 293 eP	P	P	07 32 56.1 -1.6
YUK	Yuzh-Kuril'sk 47.73 21 eP	P	P	07 32 56.5 -1.7
YUK	comp=Z,160nm,2.6s	eS	eS	07 39 44.2 -4.5
SRLM	Srisailam 47.87 292 eP	P	P	07 32 57.6 -2.1
KOLN	Kolanda 48.05 309 eP	P	P	07 33 00.6 -0.6
DANN	Dangsing 48.20 309 eP	P	P	07 33 01.9 -0.6
RPR	Rampur 48.27 295 eP	P	P	07 33 02.0 -0.8
HYB	Hyderabad 48.53 293 iP	P	P	07 33 02.0 -2.9
HYBB	Hyderabad (bro) 48.53 293 eP	P	P	07 33 03.1 -1.8
HYBB	comp=Z,269nm,2.4s	IvMBBB	IvMBBB	07 33 03.5
PYUN	Pluthan 48.68 309 eP	P	P	07 33 05.6 -0.5
URV	Urvakonda 49.12 290 eP	P	P	07 33 08.5 -0.9
SRSP	Sriramsagar 49.15 295 eP	P	P	07 33 08.0 -0.9
HIA	Hailar 49.24 356 IAMB	IAMB	IAMB	07 33 13.2
YSS	Yuzh-Sakhalins 49.36 161 eP	P	P	07 33 10.9 +0.3
YSS	comp=Z,21nm,0.7s	e	e	07 34 31.0
YSS	comp=Z,119nm,0.8s	ePPP	ePPP	07 35 06.7
YSS	comp=Z,20nm,1.1s	e	e	07 36 04.2
YSS	comp=Z,20nm,1.1s	eS	eS	07 40 09.5 -1.9
YSS	comp=Z,30nm,1.3s	pmx	pmx	07 42 55.0
YSS	comp=Z,200nm,16.0s	MLR	MLR	
YSS	Yuzh-Sakhalins 49.36 16 P	P	P	07 33 10.5 -0.1
KLR	Kul'dur 49.40 6ceP	pmx	pmx	07 33 10.8 -0.1
ULN	Ulaanbaatar 50.05 345ceP	P	P	07 33 14.7 -1.4
ULN	comp=Z,28nm,0.8s	pmx	pmx	
ULN	Ulaanbaatar 50.05 345 P	IAMB	IAMB	07 33 15.8 -0.2
ULN	comp=Z,23nm,0.7s	IAMB	IAMB	07 33 18.6
SONM	Songino Array 50.20 344 P	P	P	07 33 16.7 -0.5
KLRI	Killari 50.50 294 eP	P	P	07 33 18.6 -1.3
GRNR	Gornyy 51.54 101iP	pmx	pmx	07 33 31.0
GRNR	comp=Z,264nm,3.9s	pmx	pmx	07 33 27.9 +0.8
TYV	Tymovskoe 52.92 14 eP	P	P	07 33 37.8 +0.6
TYV	comp=Z,30nm,1.2s	e	e	07 41 04.8
TYV	comp=Z,19nm,1.9s	pmx	pmx	
ZAK	Zakamensk 53.38 343 eP	pmx	pmx	07 33 39.9 -0.9
ZAK	comp=Z,9.0nm,1.0s	pmx	pmx	
ZEA	Zeya 53.58 2 eP	P	P	07 33 41.8 -0.2
ZEA	comp=Z,51nm,0.8s	pmx	pmx	
TLY	Talaya 54.44 344ciP	P	P	07 33 47.4 -1.0
TLY	comp=Z,16nm,0.8s	pmx	pmx	

TLY	Talaya 54.44 344 P	IAMB	IAMB	07 33 48.6 +0.2
TLY	comp=Z,20nm,0.7s	eP	eP	07 33 51.4 +1.4
WMQ	Urumqi 54.64 328 eP	pmx	pmx	07 34 22.1 +3.9
WMQ	comp=Z,225nm,0.9s	pmx	pmx	
WMQ	comp=Z,190nm,4.5s	LR	LR	
WMQ	comp=Z,550nm,16.5s	LR	LR	
WMQ	comp=Z,720nm,17.9s	LR	LR	
WMQ	comp=Z,420nm,19.1s	LR	LR	
WMQ	Urumqi 54.64 328 P	P	P	07 33 49.8 -0.3
WMQ	comp=Z,32nm,0.9s	pmx	pmx	
URUMQI	Urumqi 54.64 328 P	P	P	07 33 49.8 -0.3
MOY	Mondy 55.20 342 eP	P	P	07 33 54.0 0.0
BOD	Bodaibo 58.25 353 eP	P	P	07 34 14.7 -0.6
ZSN	Zaisan 58.54 329 eP	P	P	07 34 16.4 -1.2
ZSN	Zaisan 58.54 329 eP	P	P	07 34 16.4 -1.2
NIL	Nilore 58.62 310 P	pmx	pmx	07 34 18.9 +0.4
NIL	comp=Z,12nm,0.8s	IAMB	IAMB	07 34 19.0 -0.8
DGZ	Jazzator, Alta 58.84 333 iP	pmx	pmx	07 34 19.0 -0.8
SHLS	Shalkode 58.93 323 eP	P	P	07 34 17.7 -2.9
SHLS	comp=Z,16nm,1.0s	eP	eP	07 34 17.6 -2.9
SHLS	Shalkode 58.93 323 eP	pmx	pmx	07 34 17.6 -2.9
PDGK	Podgomoye 59.01 323 eP	P	P	07 34 19.4 -1.7
UZB	Uzynbulak 59.20 322 eP	P	P	07 34 21.4 -1.0
UZB	comp=Z,10nm,1.2s	pmx	pmx	07 34 21.4 -1.0
UZB	Uzynbulak 59.20 322 eP	pmx	pmx	07 34 21.4 -1.0
KASHI	Kashi 59.27 317 P	P	P	07 34 24.4 +1.5
KSH	Kash 59.27 317 P	pmx	pmx	07 34 53.5 +2.9
KSH	comp=Z,14nm,1.0s	S	S	07 36 38.4 +3.7
KSH	comp=Z,140nm,6.0s	pmx	pmx	07 42 23.2 -2.2
KSH	comp=Z,380nm,8.5s	LR	LR	
KSH	comp=Z,340nm,9.4s	LR	LR	
MK31	Makanchi Array 59.47 327 P	P	P	07 34 23.1 -0.9
MK31	comp=Z,39nm,1.5s	pmx	pmx	
MK31	Makanchi Array 59.47 327 P	P	P	07 34 23.1 -0.9
MKAR	Makanchi Array 59.47 327 P	P	P	07 34 23.1 -0.9
MKAR	comp=Z,15nm,0.6s,baz=123,slow=8.3,SNR=51	PcP	PcP	07 35 10.2 -0.7
MKAR	Makanchi Array 59.47 327ceP	pmx	pmx	07 34 23.1 -0.9
MKAR	comp=Z,4.2nm,0.8s,baz=126,slow=4.2,SNR=4.8	P	P	07 34 23.1 -0.9
SATY	Saty 59.52 322 eP	P	P	07 34 23.6 -1.0
SATY	comp=Z,17nm,0.9s,baz=322	eP	eP	07 34 23.6 -1.0
KPKS	Kokpek 59.58 323 eP	P	P	07 34 23.9 -1.0
KPKS	comp=Z,17nm,0.9s			

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like YAK, AML, USP, SGDS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like KMBO, SUA, KLMR, TRF, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like DUG, MSU, BW06, PDAR, etc.

2d 10h

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like KNB Kanab, SRU San Rafael Swe, and many others.

2015 JUL

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like NEW Newport, AKTO Aktyubinsk, and many others.

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Table with columns for station code, name, elevation, and various performance metrics. Includes stations like FYU Fort Yukon, GHO GHO, and many others.

ISO 02 10:05:43.4 0.8, 34°N, 5°3'E, h6km, 7km, M3.7/15, Mjma3.8/15, ML2.5/6, MLV4.2/15
ISK 02 10:05:44.3, 33.45°N, 34.60°E, h76km, ML4.0/20
GRAL 02 10:05:45.8 0.5, 33.59°N, 34.57°E, h21km, 5km, MD4.1
NIC 02 10:05:46.4 0.0, 33.53°N, 34.57°E, h32km, 6.7km, M3.9/8
GII 02 10:05:46.9 0.0, 33.40°N, 34.64°E, h18km, MD3.5/5, Mm3.3/6
HLW 02 10:05:46.6, 33.36°N, 34.49°E, h12km, 8km, MD3.4
ISC 02 10:05:43.7 0.8, 33.51°N, 0.02, 34.55°E, 0.03, h13km, n116, e120/148, 2D, Eastern Mediterranean Sea

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

QRNJ	AI-Qirein	1.46 143	P	Pn	10 06 10.5 +0.8
QRNJ	AI-Qirein	1.46 143	Pn	Pn	10 06 10.4 +0.8
HMDT	Nahal Hemdat	1.50 146	Pn	Pn	10 06 11.1 +0.8
HMDT			Sn	Pn	10 06 29.1 -0.6
PARAL	Paralimni	1.54 344	P	Pn	10 06 10.8 -0.1
PARAL			S	Pn	10 06 28.1 -2.6
PARAL	3.4nm,0.4s		AML	AML	10 06 30.5
PARAL	3.4nm,0.4s		AML	AML	10 06 30.5
PARAL	4.1nm,0.5s		AML	AML	10 06 33.4
PARAL	4.1nm,0.5s		AML	AML	10 06 33.4
ASGA	Asgata	1.67 320	P	Pn	10 06 12.6 0.0
ASGA			S	Pn	10 06 32.6 -1.4
ASGA	1.6nm,0.3s		AML	AML	10 06 34.8
ASGA	1.6nm,0.3s		AML	AML	10 06 34.8
ASGA	1.3nm,0.3s		AML	AML	10 06 40.5
ASGA	1.3nm,0.3s		AML	AML	10 06 40.5
MVOU	Mavrouvouni	1.68 333	P	Pn	10 06 12.1 -0.7
MVOU			S	Pn	10 06 30.8 -3.5
MVOU	2.5nm,0.2s		AML	AML	10 06 32.4
MVOU	2.5nm,0.2s		AML	AML	10 06 32.4
MVOU	2.0nm,0.2s		AML	AML	10 06 33.6
MVOU	2.0nm,0.2s		AML	AML	10 06 33.6
UJAP	AI Uja	1.73 153	P	Pn	10 06 14.6 +1.1
CSS	Mathiatis	1.77 325	P	Pn	10 06 14.5 +0.5
CSS	Mathiatis	1.77 325	Pn	Pn	10 06 14.5 +0.5
CSS	Mathiatis	1.77 325	S	Pn	10 06 13.5 -0.5
CSS	Mathiatis	1.77 325	S	Pn	10 06 13.5 -0.5
SZAC	Souni	1.86 312	P	Pn	10 06 15.9 +0.6
SZAC			S	Pn	10 06 38.7 +0.1
SZAC	5.6nm,0.4s		AML	AML	10 06 41.2
SZAC	5.6nm,0.4s		AML	AML	10 06 41.2
SZAC	3.7nm,0.3s		AML	AML	10 06 42.5
SZAC	3.7nm,0.3s		AML	AML	10 06 42.5
ATHAL	Athalassa	1.89 330	P	Pn	10 06 16.5 +0.8
ATHAL			S	Pn	10 06 39.1 -0.2
ATHAL	4.6nm,0.6s		AML	AML	10 06 44.8
ATHAL	4.6nm,0.6s		AML	AML	10 06 44.8
ATHAL	4.0nm,0.4s		AML	AML	10 06 45.9
ATHAL	4.0nm,0.4s		AML	AML	10 06 45.9
LFK	CSNet OBS 4	1.95 335	PN	Pn	10 06 17.3 +0.6
OSCC		1.96 258	P	Pn	10 06 16.3 -0.3
OSCC		1.96 258	S	Pn	10 06 17.4 +0.1
HSUJ	AI Zarga	1.97 135	P	Pn	10 06 17.0 -0.1
AMAZ	Amatzia	2.00 171	Pn	Pn	10 06 18.5 +1.3
AMAZ	Amatzia	2.00 171	Pn	Pn	10 06 18.2 +1.0
AMAZ	Amatzia	2.00 171	S	Pn	10 06 18.5 +1.3
AMAZ	Amatzia	2.00 171	S	Pn	10 06 18.5 +1.3
EREN	Erenkoy	2.04 351	PN	Pn	10 06 18.6 +0.9
EREN			SN	Pn	10 06 43.9 +0.8
DSI	Dead Sea	2.06 160	PN	Pn	10 06 19.0 +1.0
DSI			S	Pn	10 06 42.9 -0.7
NATA	Nata	2.07 308	P	Pn	10 06 19.7 +1.5
NATA			S	Pn	10 06 43.5 +0.4
NATA	5.8nm,0.5s		AML	AML	10 06 50.1
NATA	5.8nm,0.5s		AML	AML	10 06 50.1
NATA	2.9nm,0.3s		AML	AML	10 06 51.0
NATA	2.9nm,0.3s		AML	AML	10 06 51.0
NATA	2.9nm,0.3s		AML	AML	10 06 51.0
LEF	Lefka	2.11 320	PN	Pn	10 06 20.3 +1.5
LEF			SN	Pn	10 06 46.4 +1.5
YTIY	Yatir	2.19 167	P	Pn	10 06 21.2 +1.2
YTIY	Yatir	2.19 167	Pn	Pn	10 06 21.1 +1.1
YTIY	Yatir	2.19 167	S	Pn	10 06 46.4 -0.6
AKDN	Akdeniz- Kibr	2.21 324	PN	Pn	10 06 21.4 +1.3
WALA	Wala	2.22 151	P	Pn	10 06 21.1 +1.1
ALFC	Alefka	2.30 316	P	Pn	10 06 22.4 +1.0
ALFC			S	Pn	10 06 50.2 +0.6
ALFC	3.6nm,0.4s		AML	AML	10 06 52.1
ALFC	3.6nm,0.4s		AML	AML	10 06 52.1
ALFC	3.5nm,0.5s		AML	AML	10 06 55.2
ALFC	3.5nm,0.5s		AML	AML	10 06 55.2
GHAJ	Ghor Haditha	2.36 158	P	Pn	10 06 24.0 +1.8
GHAJ	Ghor Haditha	2.36 158	Pn	Pn	10 06 23.5 +1.3
AKMS	Akamars	2.37 310	P	Pn	10 06 23.3 +1.0
AKMS			S	Pn	10 06 52.6 +1.3
AKMS	1.2nm,0.3s		AML	AML	10 06 56.0
AKMS	1.2nm,0.3s		AML	AML	10 06 56.0
AKMS	1.2nm,0.3s		AML	AML	10 06 56.5
AKMS	1.2nm,0.3s		AML	AML	10 06 56.5
ASF	Jabal al Asfar	2.38 123	P	Pn	10 06 23.7 +1.1
ELI	El Lisan	2.45 233	P	Pn	10 06 24.9 +2.3
KARJ	KARJ	2.56 158	Pn	Pn	10 06 14.1 -1.1
SWQJ	Swaqa	2.60 150	P	Pn	10 06 24.7 -0.8
KZIT	Kziot	2.60 183	Pn	Pn	10 06 26.9 +1.4
KZIT	Kziot	2.60 183	Pn	Pn	10 06 26.8 +1.4
KZIT	Kziot	2.60 183	P	Pn	10 06 26.8 +1.4
RSJ		2.64 196	P	Pn	10 06 26.4 +0.4
OSCI	CSNet OBS 1	2.73 271	P	Pn	10 06 27.7 +0.4
OSCI			S	Pn	10 07 00.9 +0.7
TISA	Tisan-Mersin	2.74 345	PN	Pn	10 06 28.8 +1.4
AKK2	Akkuy-Mersin	2.75 343	PN	Pn	10 06 29.3 +1.3
AKK1	Akkuy-Mersin	2.75 343	PN	Pn	10 06 29.2 +1.6
AKKU	Akkuy-Mersin	2.77 343	PN	Pn	10 06 29.8 +2.0
YESI	Yesilovacik-Me	2.78 345	PN	Pn	10 06 29.3 +1.4
YORU	YoruTepe-Mers	2.80 341	PN	Pn	10 06 29.9 +1.7
TEPK	Tepekoy-MERSIN	2.83 343	PN	Pn	10 06 29.9 +1.7
OREN	Orenkoy-Mersin	2.84 342	PN	Pn	10 06 30.2 +1.5
TEKE	Tekeli-Mersin	2.88 336	PN	Pn	10 06 30.6 +1.3
SILI	Silifke-Mersin	2.90 350	PN	Pn	10 06 31.2 +1.7
SLFK	Silifke-Mersin	2.92 350	PN	Pn	10 06 31.3 +1.5
JDRJ	Darawish	2.93 161	P	Pn	10 06 31.5 +1.3
KZKZ	Kizkiz	2.98 354	PN	Pn	10 06 32.3 +1.1
ZFRI	Zifri	3.00 170	Pn	Pn	10 06 32.3 +1.4
ZFRI	Zifri	3.00 170	Pn	Pn	10 06 31.8 +0.9
KEBE	Keben-Mersin	3.01 347	PN	Pn	10 06 31.3 +0.1
BERE	Bereket-Mersin	3.03 339	PN	Pn	10 06 32.4 +0.8
TEVE	Tevekatli-Mers	3.06 343	PN	Pn	10 06 33.6 +1.8
KRATS	Karatas	3.13 12	PN	Pn	10 06 33.1 +1.1
PRNI	Paran	3.17 173	P	Pn	10 06 34.6 +1.2
PRNI	Paran	3.17 173	Pn	Pn	10 06 34.4 +1.0
GAZI	Gazipasa	3.28 327	PN	Pn	10 06 36.2 +1.4
MERS	Mersin	3.35 360	PN	Pn	10 06 37.2 +1.4
HSNJ	Hsan	3.39 163	P	Pn	10 06 38.3 +1.2
KRMI	Karaman Flat	3.39 177	P	Pn	10 06 37.8 +1.5
YURE	YUREGIR	3.42 15	PN	Pn	10 06 37.9 +1.1
HRFI	Mount Harif	3.49 173	P	Pn	10 06 39.2 +1.5
HRFI	Mount Harif	3.49 173	Pn	Pn	10 06 38.8 +1.1
CEYT	Ceyhan	3.63 15	PN	Pn	10 06 40.5 +0.9
ALAN	Alanyan-ANTALYA	3.67 327	PN	Pn	10 06 41.9 +1.7
MBRI	Mt Berech	3.72 175	PN	Pn	10 06 41.9 +1.0
KARA	Karaisali	3.77 6	PN	Pn	10 06 42.0 +0.5
AQBJ	Aqaba	3.79 173	P	Pn	10 06 43.5 +1.6
KRMM	Karaman	3.80 344	PN	Pn	10 06 43.7 +1.6
EIL	Eilat	3.84 175	P	Pn	10 06 43.8 +1.2
EIL	Eilat	3.84 175	S	Pn	10 06 43.5 +0.9
SUZ	Suez	3.94 202	P	Pn	10 06 44.5 +0.6
KOZT	Kozan	4.10 14	PN	Pn	10 06 46.8 +0.7

HHAG	Hagoal	4.12 211	P	Pn	10 06 46.7 +0.3
HHAG	baz=212		S	Sn	10 07 30.6 -3.8
KMRD	Camardi-Nigde	4.16 5	PN	Pn	10 06 48.3 +1.3
COT	Kottamia	4.26 214	P	Pn	10 06 48.6 +0.3
YESY	Yesilyurt	4.31 351	PN	Pn	10 06 50.5 +1.4
ZNM	Zenema	4.36 200	P	Pn	10 06 50.4 +0.7
SEYD	Yesidsehir-KON	4.47 331	PN	Pn	10 06 52.9 +1.6
ZAF	Zafarana	4.55 203	P	Pn	10 06 53.1 +0.9
ZAF	baz=203		S	Sn	10 07 41.9 -3.2
GLL	Jalalaha	4.61 212	P	Pn	10 06 53.5 +0.3
HSAF	As Saif	4.65 214	P	Pn	10 06 54.2 +0.6
KONT	Konya-Tatoy	4.77 339	PN	Pn	10 06 56.9 +1.6
HDHB	Dhahab	4.77 179	P	Pn	10 06 55.8 +0.4
GULA	Gulagac	4.83 357	PN	Pn	10 06 57.3 +1.1
HMVD	Mayadein	4.89 222	P	Pn	10 06 56.7 -0.3
KORT	Korkuelli	4.89 317	PN	Pn	10 06 58.4 +1.3
HRDS	Abu Rudayb	4.90 193	P	Pn	10 06 57.9 +0.7
HBRO	Burj al Arab	4.96 235	S	Sn	10 07 51.9 -3.1

IDC 02 10:39:30.9,0.8,53.84N,35.39W,h0km,mb3.6/12, mb1 3.9/14,mb1mx3.7/47,mbtmp3.7/14,ML2.9/2,MS3.5/17, Ms1 3.5/17,ms1mx3.3/37,Error ellipse: s-maj=25.6km s-min=16.1km az=12.0
NEIC 02 10:39:33.0,1.0,53.88N,0.08,35.2W,0.2,h10km,1km, Ms1 2.7/2,ms1mx2.4/41,Error ellipse: s-maj=18.7km s-min=9.2km az=123.0
ISC 02 10:39:33.9,0.6,53.9N,0.2,35.31W,0.08,h10km,n58, o8f14/49,mb4.3/25,MS3.6/13,Reykjanes Ridge

BORG	Borgarnes	12.99 27	LR	ISC	h m s ISC	10 46 03.3
SFJD	Kangerlussuaq	15.10 337	LR	LR		10 47 49.5
SCHO	Schefferville	18.32 286	P	Pn		10 43 45.0 -2.2
SCHO	1.1nm,0.3s,baz=286,slow=4.5,SNR=3.8					10 49 49.2
SCHO	comp=Z,60nm,18.8s,baz=127,slow=34					10 43 47.3 +0.2
SCHO	Schefferville	18.32 286	P	Pn		10 43 50.2 +0.1
EKA	Eskdalemuir Arr	18.59 72	P	P		10 49 56.1
FRB	Frøbrøer Bay	19.61 313	LR	LR		10 45 01.2 0.0
ESDC	Sonsecra Array	25.48 111	P	P		10 45 01.3 -0.3
NOA	NORSAR Array B	25.55 55	P	P		10 53 58.8
NOA	2.6nm,1.1s,baz=314,slow=8.4,SNR=8.8					10 54 08.8
HFS	Hayford	26.87 57	LR	LR		10 56 25.0
SADO	Sadowa	29.56 270	LR	LR		10 45 47.2 +1.5
NS8A	Sunbury	30.47 262	P	Iamb		10 45 55.5
NS8A	comp=Z,1.1nm,1.2s					10 57 45.7
GERES	GERES Array B	30.51 79	LR	LR		10 57 59.0
FINES	FINES Array B	32.52 52	LR	LR		10 46 26.3 +0.1
FINES	comp=Z,6.7nm,20.4s,baz=257,slow=4					10 46 32.6
EYMN	Ely	35.11 284	P	Iamb		10 47 07.5 -0.7
YKA	Yellowknife Arr	40.11 315	P	P		10 47 12.2 +1.0
YKA	comp=Z,0.2nm,0.3s,baz=63,slow=8.3,SNR=3.9					10 47 32.2 +0.4
ECSO	EROS Data Cent	40.43 281	P	P		10 47 42.4 +1.1
U40A	Yellville	42.93 270	P	P		10 47 42.2 +0.1
LAO	LASA Array	44.13 291	P	P		10 47 41.0 -0.7
X40A	Basin Creek Fa	44.21 289	P	P		10 47 41.3 -0.4
INK	Inuvik	44.22 328	P	P		10 47 47.6 -0.8
R32A	Long Quarter	45.01 277	P	P		10 47 51.5 +0.9
EGMT	Eagleton	45.26 294	P	Iamb		10 47 57.0 -0.2
OK025	Westminster Rd	46.12 273	P	P		10 47 57.2 -0.2
W35A	Teumseh	46.14 272	P	P		10 48 06.8 +0.5
GCMT	Greyfriars	46.57 292	P	P		10 48 06.8 +0.5
YNE	Yellowstone No	47.25 291	P	P		10 48 08.4 +0.5
BRTR	Keskin Array A	47.39 78	LR	LR		10 48 13.6 +0.4
WMOK	Wichita Mounit	47.55 273	P	Iamb		10 48 15.5 +0.1
WMOK	comp=Z,4.2nm,1.2s					10 48 21.4
N23A	Red Feather La	47.59 284	P	P		10 48 09.8 +0.8
BOZ	Bozeman (W)	47.77 293	P	Iamb		10 48 17.3
BOZ	comp=Z,3.5nm,1.1s					10 48 13.6 +0.4
ISCO	Idaho Springs	48.12 283	P	Iamb		10 48 20.0
ISCO	comp=Z,3.4nm,1.0s					10 48 15.5 +0.1
BW06	Boulder Array	48.43 289	P	Iamb		10 48 21.4
BW06	comp=Z,6.1nm,1.4s					10 48 15.4 +0.4
PD31	Pinedale Array	48.43 289	P	Iamb		10 48 14.3 -1.1
PD31	comp=Z,4.8nm,1.3s					11 07 55.3
PDAR	Pinedale Array					

2d 15h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CNBA Chernabura Isl, SDPT Sand Point, OHAK Old Harbor, etc.

IDC 02 14:04:21.0-48.0, 16.07S-172.19W, h0km, mb3.4/3, mb1 4.5/3, mb1mx3.7/4.7, mbtmp4.3/3.3, Error ellipse: s-maj=938.8km s-min=178.2km az=80.0, Samoa Islands region

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

IDC 02 14:09:12.9-1.8, 35.25N-141.68E, h0km, mb3.5/4, mb1 3.8/9, mb1mx3.4/4.7, mbtmp3.5/7, ML2.7/3, MS2.7/4, Ms1 2.7/4, ms1mx2.4/3.0, Error ellipse: s-maj=46.6km s-min=21.9km az=77.0

JMA 02 14:09:18.3-0.1, 35.26N-141.22E, h32km, 2km, M2.9, ISC 02 14:09:13.9-2.1, 35.23N-141.32E, h0.07km, 17km, n25, c1567/22, mb3.5/4, Near east coast of eastern Honshu

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CHJO Choshi, BSO1 Boso 1, BSO3 Boso 3, etc.

ISK 02 14:22:10.6, 37.06N-35.80E, h9km, ML3.0/18, DDA 02 14:22:11.1, 37.05N-35.79E, h7km, 5km, ML2.7, ISC 02 14:22:11.6-1.0, 37.06N-35.79E, h0.02, h16km, 7km, n31, c1519/42, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CEYT Ceyhan, YUREGIR Yuregir, KOZT Kozan, etc.

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Table with columns: KUZU, YAHY, NIG, SARI, KIZIK, SILLI, KEBE, GULA, YESY, BNN, TEVE, BERE, SURC, MALT. Includes station names and coordinates.

IDC 02 15:02:18.8-1.8, 6.89S-129.72E, h149km, 18km, mb3.6/5, mb1 3.8/9, mb1mx3.5/4.7, mbtmp4.2/9, Error ellipse: s-maj=27.2km s-min=14.1km az=89.0

NEIC 02 15:02:19.9-2.3, 6.91S-129.52E-0.08, h162km, 7km, mb4.1/7.7, Error ellipse: s-maj=12.7km s-min=8.3km az=46.0

DJA 02 15:02:20.1-0.2, 7.2S-13.0E, h198km, 5km, M4.5/15, mb4.3/15, mb5.2/7, ML4.7/13, Mw(mb)4.5/7, ISC 02 15:02:19.9-2.3, 6.91S-129.52E-0.08, h200km, n44, c259/44, mb3.7/5, Banda Sea

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

IDC 02 15:08:09.2-0.9, 2.69S-153.47E, h0km, mb3.8/9, mb1 4.0/11, mb1mx3.8/4.1, mbtmp3.9/11, ML2.2, MS2.9/9, Ms1 3.1/9, ms1mx2.9/3.9, Error ellipse: s-maj=26.5km s-min=17.1km az=102.0

NEIC 02 15:08:09.2-2.2, 2.63S-153.65E-0.09, h11km, 3km, mb4.5/11, Error ellipse: s-maj=14.8km s-min=8.5km az=119.0

ISC 02 15:08:14.0-0.7, 2.73S-153.56E-0.10, h35km, n33, c098/25, mb4.0/13, MS3.1/7, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

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Table with columns: WBO, WRO, WRAB, WB2, WRA, AS31, ASAR, ASAR, DAV, STKA, STKA, STKA, FITZ, FITZ, FKB, BKT, KSR, KSR, KSR, ASAJ, PETK, PETK, CMAR, MKAR, ILAR, TORD. Includes station names and coordinates.

IDC 02 15:10:39.6-3.1, 50.12N-19.07E, h0km, mb1 3.4/3, mb1mx3.0/4.2, mbtmp3.2/3, ML2.8/3, Error ellipse: s-maj=62.9km s-min=10.3km az=197.0

PRU 02 15:10:39.0-0.0, 50.19N-18.98E, h0km, IPEC 02 15:10:39.2-0.2, 50.26N-19.01E, h0km, 2km, ML2.1/3, Error ellipse: s-maj=2.5km s-min=1.1km az=170.0

VIE 02 15:10:42.1-1.4, 50.18N-18.78E, h0km, mb2.1/2, m2.4/4, Error ellipse: s-maj=9.8km s-min=7.8km az=133.0 16 km WSW of Katowice Suspected Minid induced.

ISC 02 15:10:37.8-0.8, 50.29N-0.04E-19.10E, h0km, n34, c1924/56, 6C-3D, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

IDC 02 15:16:00.2-5.8, 51.89N-178.66E, h75km, 54km, mb3.1/7, mb1 3.5/9, mb1mx3.2/5.8, mbtmp3.5/9, ML3.6/2, Error ellipse: s-maj=48.7km s-min=20.1km az=167.0

NEIC 02 15:16:04.0-1.2, 51.9N-0.2-178.42E-0.08, h18km, 5km, mb4.1/19, Error ellipse: s-maj=23.3km s-min=6.9km az=187.0

AEIC 02 15:16:04.0-1.5, 51.8N-0.1-178.38E-0.06, h17km, 4km, Error ellipse: s-maj=16.9km s-min=3.5km az=167.0

ISC 02 15:16:03.0-0.7, 51.9N-0.1-178.38E-0.05, h18km, 6km, n55, c1947/60, mb3.6/12, Rat Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MONP2, SWSC, etc. Includes station data for Little Sitkin, Kanaga Island, and various other locations.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MONP2, SWSC, etc. Includes station data for Sam W. Stewart, Camp Elliot, and various other locations.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MONP2, SWSC, etc. Includes station data for Sirnak, Kururca, and various other locations.

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

NEIC 02 17:27:59.81.5, 47.56N, 01:02:92.54W, 0.02, h0km, 2km, mb_Lg2.67, Error ellipse: s-maj=4.1km s-min=3.0km az=33.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EYMN, E38A, F36A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like F33A, ULM, H10CA, etc.

IDC 02 17:33:42.9.0.6, 55.25S, 27.65W, h0km, mb4.5/9, mb1.4/6.10, mb1mx4.3/21, mbtmp4.4/10, ML4.31, MS3.7/13, Ms1.3/13, ms1mx3.6/25, Error ellipse: s-maj=21.1km s-min=17.5km az=66.0

NEIC 02 17:33:48.5.0.8, 55.45S, 01:28:07W, 0.3, h36km, 7km, mb4.7/10, Error ellipse: s-maj=24.1km s-min=17.5km az=223.0

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

Table with columns: SIV, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like San Ignacio, Vanda, Vnda, etc.

INET 02 17:36:19.8, 12:91N, 88.27W, h71km, ML3.7, UCR 02 17:36:20.5, 1.0, 12:92N, 88.26W, h66km, 6km, ML3.6, SNET 02 17:36:20.5, 1.0, 12:92N, 88.26W, h66km, 6km, ML3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JUCU, ALJI, LALI, etc.

Table with columns: CEVE, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Las Nubes, Las Nubes, etc.

SKHL 02 17:41:32.1+0.3, 46.40N, 151.00E, h204km, 19km, mb4.4/4, msha5.4/3, NEIC 02 17:41:37.3, 1.8, 47.1N, 02:150.5E, 0.2, h183km, 9km, mb4.0/9, Error ellipse: s-maj=25.7km s-min=12.4km az=154.0

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

2d 19h

2014 JUL

Table with columns for station codes (e.g., CN2, USA0B, USRK), names (e.g., Ussuriysk Arra, Ussuriysk Ar.), times (e.g., 17.36, 17.36), and other numerical data.

Table with columns for station codes (e.g., GRNR, GRNR, GRNR), names (e.g., Son La, Kunming, KMI), times (e.g., 24.51, 24.63), and other numerical data.

Table with columns for station codes (e.g., MKAR, MAKZ, MAKZ), names (e.g., Makanchi, Makanchi, Makanchi), times (e.g., 42.58, 42.58), and other numerical data.

2d 19h

Table of station data for the 2d 19h period, including station names, codes, and coordinates.

Main table of station data for the 2d 19h period, including station names, codes, and coordinates.

Table of station data for the 2d 19h period, including station names, codes, and coordinates.

LDG 02 19:34:23.0 ± 1.4, 55.62N, 3.01E, h2km, Md1.8/2, MI1.8/17, Error ellipse: s-maj=1.5km s-min=1.2km az=91.0,

Table of station data for the LDG 02 period, including station names, codes, and coordinates.

LDG 02 19:57:42.0 ± 1.2, 30.36N, 50.85E, h0km, mb3.6/16, mb1 3.7/20, mb1mx3.6/42, mbtmp3.6/20, ML3.2/4, Error ellipse: s-maj=25.9km s-min=16.6km az=6.0

Table of station data for the LDG 02 period, including station names, codes, and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JSB Shiba, JFB Kawachi, JFT Otama, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SIV San Ignacio, PLCA Paso Flores, BDFB Brasilia, etc.

ISK 02 23:06:38.2, 35:12N, 29:29E, h27km, ML3.2/24
ATH 02 23:06:40.8, 35:29N, 29:17E, h31km, 5km, ML2.5/2, Error ellipse: s-maj=0.0km s-min=1.3km az=126.0

ISC 02 23:16:06.3±0.1, 20:38S, 66:66W, h201km, 14km, mb3.3/2, mb1.3/2.9, mb1mx3.1/29, mbtmp3.7/9, Error ellipse: s-maj=18.7km s-min=14.0km az=110.0

IDC 02 23:19:35.7±1.6, 30:16S, 177:55W, h0km, mb4.1/5, mb1.4/2.6, mb1mx3.9/37, mbtmp4.1/5, Error ellipse: s-maj=37.3km s-min=19.5km az=83.0

IDC 02 23:20:43.1±0.6, 30:17S, 177:55W, h0km, mb4.4/10, mb1.4/5.11, mb1mx4.3/36, mbtmp4.4/11, ML4.2/1, MS3.7/5, MS1.3/7.6, mb1mx3.4/17, Error ellipse: s-maj=2.15km s-min=1.53km az=77.0

IDC 02 23:20:48.0±0.5, 30:23S, 0:06, 177:57W, 0:10, h35km, n80, 0:597/7.1, mb4.7/19, MS3.8/6, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, SNAA Sanae, VNA5 Neumayer-Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC05 I Transito, AC05 EPOC Station P, PB06 IOPC Station P, etc.

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

IDC 02 23:21.35.1.3.4.6.77S-151.90E, h0km, mb3.6/3, mb1 4.3/5, mb1mx3.7/5, mbtmp3.4/4, ML4.2/1, Error ellipse: s-maj=102.2km s-min=22.0km az=111.0, New Britain region

IDC 02 23:29.37.8.0.34.03N-25.40E, h0km, mb4.1/19, mb1 4.2/29, mb1mx1.4/19, mbtmp4.0/29, ML3.8/10, MS3.2/9, Ms1 3.2/9, ms1mx2.7/55, Error ellipse: s-maj=14.7km s-min=11.6km az=11.0

IDC 02 23:29.39.4z.1.1.33.99N-0.06:25.41E:0.07, h10km, 1km, mb4.1/28, Error ellipse: s-maj=11.9km s-min=8.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, WRA Warramunga Ar, etc.

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

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

IDC 02 23:22.35.1z.1.7.6.58S-150.62E, h0km, mb4.0/3, mb1 4.3/5, mb1mx3.7/5, mbtmp4.2/5, ML2.0/1, MS3.4/1, Ms1 3.4/1, ms1mx2.5/30, Error ellipse: s-maj=60.7km s-min=19.6km az=129.0

IDC 02 23:29.42.6.34.23N-25.38E, h0km, 4km, ML3.5/2, Error ellipse: s-maj=7.1km s-min=1.5km az=162.0

IDC 02 23:29.42.1.1.0.34.01N-0.05:25.42E:0.03, h31km, 6km, n287, e11914/301, mb4.2/49, MS3.4/7, 10C, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, PMG Port Moresby, etc.

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

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

NEIC 02 23:27.04.8z.1.6.25.92S:0.04:70.84W:0.05, h33km, 5km, mb4.2/5, ML3.9(GUC), Error ellipse: s-maj=6.5km s-min=4.8km az=67.0

GUC 02 23:27.04.5.0.6.25.97S:70.58W, h40km, 2km, ML3.9, IDC 02 23:27.10.9.3.2.25.87S:70.25W, h69km, 22km, MB3.8/1, mb1 3.7/6, mb1mx3.4/33, mbtmp3.6/6, Error ellipse: s-maj=76.0km s-min=23.8km az=96.0

IDC 02 23:27.04.4.1.3.25.89S:0.04:70.85W:0.07, h29km, 9km, n52, e169/57, mb4.2/4, 3C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar, etc.

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

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

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like HAPS Han Pijesak, MLR Muntele Rosu, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like VSR Storozevoje, HAU Haudompre, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like LSZ Lusaka, TSUM Tsumbe, etc.

NEIC 02 23:58:10.3.2.3.23:89S:0'04.67'1W:0.1, h168km, 8km, mb1/5, Error ellipse: s-maj=14.5km s-min=6.5km

GUC 02 23:58:11.4.0.7.23:91S:67'71W, h223km, 9km, ML 4.2 IDC 02 23:58:18.7.10.0.23:34S:66'86W, h226km, 69km, mb3.2/3, mb1 3.5/5, mb1mx3.3/2.1, mbtmp3.8/5, Error ellipse: s-maj=109.5km s-min=21.8km az=23.0

ISC 02 23:58:11.8.0.9.23:89S:0'05.67'4W:0.1, h203km, 13km, n47, c0.95/62, mb3.8/6, 4C, Chile-Antarctica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LVC Limon Verde, LVC IPOC Station P, etc.

GUC 03 00:05:28.7.0.8.22:72S:70'60W, h32km, 2km, ML3.6 NEIC 03 00:05:29.6.1.9.22:75S:0'03.70'60W:0.06, h35km, 9km, Error ellipse: s-maj=7.4km s-min=3.9km az=94.0 IDC 03 00:05:30.9.2.9.22:72S:70'62W, h44km, 25km, mb3.7/3, mb1 3.7/6, mb1mx3.4/4.1, mbtmp3.8/6, ML3.4/3, MS3.4/1, Ms1 3.4/1, ms1mx2.7/2.7, Error ellipse: s-maj=24.3km s-min=20.2km az=149.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKH, KBZ, KIV, OBINSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like ARK, ARG, ARG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PB15, PB02, PB15, etc.

DDA 03 01:49:14.0, 35:06N-27:42E, h7km, ML2.7
NIC 03 01:49:15.9, 0.0, 35:22N-27:90E, h0km, ML2.6/2
ATH 03 01:49:16.5, 35:19N-27:86E, h24km, ML2.7/2, Error

NEIC 03 02:10:42.0, 1.9, 24:02S:0:06:67, 01W:0:09, h206km, 7km,
mb4.4/19, Error ellipse: s-maj=1.26km s-min=8.9km
az=84.0
SJA 03 02:10:41.1, 1.9, 0.9, 24:00S:66:92W, h192km, 8km, ML4.0,
MV4.2

ISK 03 01:49:17.1, 35:28N-27:79E, h16km, ML3.0/12
THE 03 01:49:18.2, 35:34N-27:82E, h0km, 1km, ML2.8/2, Error
ellipse: s-maj=5.3km s-min=1.0km az=137.0
ISC 03 01:49:17.5, 1.3, 35:25N:0:04:27:82E:0.03, h9km, 10km,
n54, c128/72, Dodecanese Islands

Table with columns: OBIP, comp, Z, 21nm, 1.1s, Guaynabo City, 42.06, 1 P, P, 02 18 12.2 -1.0, etc.

UPA 03:02:23:27.6:1.9, 8.81N-83.80W, h17km, 14km, MW3.7, Costa Rica

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, DRKO Durika, 0.71 50 eP, etc.

NNC 03:02:25:04.5:8.6, 36.77N-69.54E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=85.8km s-min=45.7km az=160.0, etc.

ISC 03:02:05:01.0:2.6, 36.3N-02.69:4E:0.1, h35km, n9, c216/11, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, KK31 Karatay Array, 6.84 7 P, etc.

ISC 03:02:41:07.5:13.0, 42:00S-76:11W, h0km, mb4.0/4, mb1 4.4/4, mb1mx3.9/19, mbtmp4.0/4, MS3.7/1, Ms1 3.7/1, ms1mx3.0/20, Error ellipse: s-maj=377.9km, s-min=61.7km az=141.0, Off coast of southern Chile

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, LPAZ La Paz, 26.53 17 P, etc.

NEIC 03:02:50:18.7:2.0, 34.74S:0.03:71.87W:0.06, h40km, 5km, Error ellipse: s-maj=7.9km s-min=3.4km az=82.0

GUC 03:02:50:19.9:0.5, 34.76S:71.84W, h41km, 1km, ML5.0, NEIC 03:02:50:20.2, 34.74S:71.78W, h50km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, M1:4.34, etc.

ISC 03:02:50:19.0:0.7, 34.74S:0.03:71.87W:0.05, h45km, 7km, n164, c1168/156, mb4.8/46, 9C-1D, Near coast of central Chile

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, GO05 Huala, 0.28 190 P, etc.

Table with columns: STL, comp=N, 15um, 0.2s, Universidad Ad, 1.68 43 i P, Pn, 02 50 47.3 +1.3, etc.

Table with columns: PLCA, comp=N, 118nm, 20.8s, baz=348, slow=32, LR, LR, 02 53 36.3, etc.

Table with columns: CPUP, comp=N, 311nm, 19.2s, baz=252, slow=38, LR, LR, 02 53 45.7 -3.1, etc.

Table with columns: G001 Chuzmasa, 15.20 10 P, Pn, 02 53 50.5 -0.6, etc.

Table with columns: BDFB, comp=N, 284nm, 21.4s, baz=246, slow=30, LR, LR, 02 56 10.1 -1.6, etc.

Table with columns: RROC, comp=N, 2.11nm, 0.7s, El Recreo, 29.56 355 eP, etc.

Table with columns: OBIP, comp=N, 2.11nm, 1.1s, Obispo Ponce, 52.73 6 P, P, 02 59 28.1 -1.1, etc.

Table with columns: JCT, comp=N, 2.7, 5nm, 0.8s, Hartsele, 70.28 347 Iamb, Iamb, 03 01 40.5, etc.

Table with columns: DBIC, comp=N, 2.1nm, 0.7s, baz=210, slow=4.2, SNR=10, P, P, 03 01 56.4 -1.3, etc.

Table with columns: TSUM, comp=N, 3.4nm, 0.8s, baz=250, slow=5.6, SNR=7.2, P, P, 03 02 18.9 +0.9, etc.

Table with columns: RSDS, comp=N, 7.3nm, 1.0s, Devils Postpile, 83.77 337 P, P, 03 02 44.4 +1.0, etc.

Table with columns: MATP, comp=N, 5.5nm, 0.6s, Matopog, 86.69 112 P, P, 03 02 59.4 +0.8, etc.

Table with columns: AAK, comp=N, 5.1nm, 0.6s, Aja-Archa, 3.84 346 P, Pn, 02 52 05.4 -0.7, etc.

Table with columns: BJI, 03:02:56:37.4:0.0, 55:30N:166:80E, h5km, mb5.6/71, etc.

HDA	Harding Lake	24.41	49	P	P	03 01 56.0	-1.4
HDA	baz=270	S	S	S	S	03 06 14.7	-1.1
HDA	baz=270	S	S	S	S	03 06 14.7	-1.1
IL31	baz=270	24.43	48	Iamb	Iamb	03 02 06.5	
ILAR	Eielson Array	24.43	48	P	P	03 01 56.7	-1.0
ILAR	comp=Z,56nm,0.7s,baz=253,slow=8.4,SNR=328						
ILAR	comp=Z,3.4nm,0.8s,baz=283,slow=3.5,SNR=2.4					03 06 17.8	+1.6
ILAR	comp=Z,1.4nm,0.8s,baz=260,slow=8.5,SNR=0.9					03 12 13.0	
GLI	comp=Z,8um,19.5s,baz=275,slow=38						
GLI	Glacier Island	24.56	58	Iamb	Iamb	03 01 59.8	
GLI	comp=Z,22nm,1.1s						
USA0B	Ussuriysk Arra	24.85	258	P	P	03 02 00.6	-1.0
USA0B	Ussuriysk Arra	24.85	258	P	P	03 02 01.0	-0.6
USA0B	IAMs_20			IAMs_20		03 11 25.8	
USRK	Ussuriysk Ar.	24.85	258	P	P	03 02 01.4	-0.2
USRK	comp=Z,12um,20.0s						
USRK	comp=Z,10nm,0.7s,baz=60,slow=8.5,SNR=24					03 06 25.0	+1.7
USRK	comp=Z,3.3nm,0.9s,baz=40,slow=3.2,SNR=4.6					03 09 14.1	-0.5
USRK	comp=Z,12um,21.2s,baz=55,slow=36					03 11 37.2	
FID	Port Fidalgo	24.88	58	Iamb	Iamb	03 02 03.8	
HIN	Hinchinbrook I	24.92	59	Iamb	Iamb	03 02 09.4	
PRP	Porcupine Dome	25.02	47	Iamb	Iamb	03 02 05.3	
PAX	Paxson	25.11	53	Iamb	Iamb	03 02 28.4	
MID	Middleton Isla	25.17	61	Iamb	Iamb	03 02 06.1	
EYAK	Cordova Ski Ar	25.27	58	Iamb	Iamb	03 02 14.1	
EYAK	comp=Z,131nm,1.1s			IAMs_20	IAMs_20	03 12 19.4	
RIDG	Independent Ri	25.35	51	Iamb	Iamb	03 02 07.7	
VLA	Vladivostok	25.60	256c	iP	P	03 02 10.5	+2.1
VLA	comp=Z,41nm,0.8s						
VLA	comp=Z,12um,19.0s			MLR	MLR		
DOT	Dot Lake	25.70	51	Iamb	Iamb	03 02 12.4	
SCRK	Sand Creek	25.71	50	Iamb	Iamb	03 02 09.4	
RAGM	Ragged Mountai	25.82	59	Iamb	Iamb	03 02 13.4	
GLB	Gilghina Butte	26.06	56	Iamb	Iamb	03 02 14.7	
VRDI	Verde Repeater	26.26	56	Iamb	Iamb	03 02 23.4	
MSHR	Mys Shultsa	26.36	256c	eP	P	03 02 14.9	-0.3
MSHR	comp=Z,37nm,1.3s						
MSHR	comp=Z,8um,21.0s			MLR	MLR		
MCARA	McCarthy VSAT	26.44	56	Iamb	Iamb	03 02 36.1	
TGL	Tana Glacier	26.65	57	Iamb	Iamb	03 02 30.9	
WAX	Waxell Ridge	26.69	58	Iamb	Iamb	03 02 22.2	
MJBS	Matsu-Tunnel	27.05	238	P	P	03 02 21.6	+0.1
MAJO	Matsushiro	27.05	238	iP	P	03 02 22.4	+0.9
MAJO	comp=Z,89nm,0.8s						
MAJO	comp=Z,4um,16.0s			MLR	MLR		
MAJO	Matsushiro	27.05	238	P	P	03 02 21.4	-0.1
MAT	Matsushiro	27.05	238	P	P	03 02 22.1	+0.6
MAT	Matsushiro Arr	27.05	238	e	P	03 02 23.1	+1.6
MJAR	comp=Z,39nm,0.8s,baz=32,slow=7.6,SNR=55			S	S	03 07 08.2	+1.0
MJAR	comp=Z,0.6nm,0.3s,baz=45,slow=43,SNR=0.8			ScP	ScP	03 09 22.0	+0.9
MJAR	comp=Z,1.1nm,0.7s,baz=284,slow=1.0,SNR=4.2			LR	LR	03 13 33.6	
MJAR	comp=Z,3um,19.1s,baz=60,slow=38						
BARN	Barnard Glacie	27.15	56	Iamb	Iamb	03 02 32.5	
YAH	Yahnte	27.25	58	Iamb	Iamb	03 02 33.3	
TABL	Table Mountain	27.52	58	Iamb	Iamb	03 02 45.4	
TABL	comp=Z,112nm,1.1s			IAMs_20	IAMs_20	03 13 24.6	
CHJN	Chongjin	27.63	256	P	P	03 02 25.3	-1.4
PCA	Pinnacle	28.03	58	Iamb	Iamb	03 02 31.5	
PCA	comp=Z,116nm,1.0s			IAMs_20	IAMs_20	03 14 18.6	
INU	Inuyama	28.58	238	P	P	03 02 34.2	-1.0
INU	comp=Z,12um,18.0s						
EPYK	Eagle Plains	28.61	45	P	P	03 02 35.4	+0.2
EPYK	baz=275,SNR=86			S	S	03 07 23.9	+1.6
EPYK	Eagle Plains	28.61	45	IAMs_20	IAMs_20	03 15 20.6	
BOD	Bodaibo	28.67	297	eP	P	03 02 34.1	-1.7
BOD	comp=Z,113nm,1.8s						
CN2	Changchun	28.80	264	eP	P	03 02 35.9	-1.2
CN2	comp=Z,20nm,1.0s						
CN2	comp=Z,2.660nm,6.0s						
CN2	comp=Z,8um,14.0s						
CN2	comp=Z,10um,14.0s						
CN2	comp=Z,11um,14.0s						
HIA	Hailar	29.01	278	IAMs_20	IAMs_20	03 15 19.2	
INK	Inuwik	29.69	40	P	P	03 02 45.0	+0.3
INK	comp=Z,16nm,0.6s,baz=282,slow=7.4,SNR=87			S	S	03 07 40.4	+1.4
INK	comp=Z,2.5nm,0.9s,baz=51,slow=28,SNR=7.9			LR	LR	03 15 29.9	
KGE	Kanggye	29.98	256	P	P	03 02 36.1	-1.2
HUU	Hamhung	30.16	258	P	P	03 02 50.9	+1.7
SHU	Skagway	30.61	58	Iamb	Iamb	03 07 47.3	+0.2
SKAG	comp=Z,338nm,2.0s						
SKAG	comp=Z,9um,20.0s			IAMs_20	IAMs_20	03 15 55.5	
WOSN	Wonsan	30.75	255	P	P	03 02 55.3	+0.9
SNY	Shenyang	31.12	263	iP	P	03 02 57.7	+0.1
SNY	comp=Z,14nm,0.7s						
SNY	comp=Z,810nm,7.5s						
SNY	comp=Z,15um,16.3s						
SNY	comp=Z,13um,15.9s						
SNY	comp=Z,11um,18.4s						
CIT	Chita	31.15	287	eP	P	03 02 57.8	-0.1
CIT	comp=Z,188nm,2.0s						
CIT	comp=Z,105nm,1.1s						
SIT	Sitka	31.42	62	Iamb	Iamb	03 03 02.2	
SIT	comp=Z,105nm,1.1s						
JUN6	Juneau Island	31.46	60	Iamb	Iamb	03 03 02.8	
PYS	Pyongsong	31.57	257	P	P	03 03 04.9	+3.3
KS19	Wonju Array Si	31.70	252	P	P	03 03 03.6	+0.8
KSRS	Korea Array	31.70	252	P	P	03 03 04.2	+1.5
KSRS	comp=Z,15nm,0.8s,baz=43,slow=9.0,SNR=22						

KSRS	comp=Z,0.8nm,0.5s,baz=68,slow=25,SNR=1.7			S	S	03 08 18.0	+6.9
KSRS	comp=Z,3.3nm,0.8s,baz=68,slow=3.1,SNR=8.2			ScP	ScP	03 09 37.4	+1.4
KSRS	comp=Z,5um,19.6s,baz=46,slow=35			LR	LR	03 15 14.9	
SUJ	Sinuiju	31.74	259	P	P	03 03 05.0	+1.9
SUJ	comp=Z,5um,19.6s,baz=46,slow=35			P	P	03 03 05.0	+1.9
PYAG	Pyongyang	31.76	257	P	P	03 03 05.9	+2.6
A36M	Sachs Harbour	32.20	33	P	P	03 03 07.3	+0.5
A36M	baz=276			S	S	03 08 19.9	+1.6
HJU	baz=276	32.49	255	P	P	03 03 14.5	+4.8
TJN	Taejon	32.80	251	iP	P	03 03 11.6	-0.8
CRAJ	Craig	33.18	64	P	P	03 03 15.3	-0.3
CRAJ	comp=Z,100nm,1.2s			Iamb	Iamb	03 03 18.0	
WRAK	Wrangell Islan	33.18	62	Iamb	Iamb	03 03 18.6	
JNU	Nakatsue	33.42	244	P	P	03 03 19.8	+1.9
JNU	comp=Z,25nm,0.9s,baz=27,slow=2.3,SNR=3.9			LR	LR	03 15 44.9	
JNU	comp=Z,3um,21.3s,baz=38,slow=34						
JNU	Nakatsue	33.42	244	P	P	03 03 18.5	+0.5
JNU	comp=Z,72nm,1.0s			Iamb	Iamb	03 03 48.6	
DLBC	Dease Lake	33.54	58	P	P	03 03 20.4	+1.6
DLBC	comp=Z,46nm,0.8s,baz=294,slow=9.6			S	S	03 08 45.8	+6.2
DL2	Dalian	34.18	261	iP	P	03 03 22.3	-2.1
DL2	comp=Z,1.5nm,0.4s,baz=14,slow=2.1,SNR=1.6			P	P	03 08 47.5	-2.1
DL2	comp=Z,68nm,0.9s						
DL2	comp=Z,540nm,8.9s						
DL2	comp=Z,8um,19.8s						
DL2	comp=Z,11um,20.7s						
H11N2	WAKE ISLAND Hy	35.45	180	T	T	03 04 42.6	
H11N3	WAKE ISLAND Hy	35.46	180	T	T	03 04 43.7	
H11N1	WAKE ISLAND Hy	35.46	180	T	T	03 04 44.0	
IRK	Irkutsk	36.06	292	eP	P	03 03 40.4	-0.1
IRK	comp=Z,221nm,2.4s						
NRIK	Nori'sk	36.49	324	P	P	03 03 42.8	-1.2
NRIK	comp=Z,17nm,0.8s,baz=82,slow=7.7,SNR=37			LR	LR	03 19 49.1	
NRIK	Nori'sk	36.49	324	eP	P	03 03 43.0	-1.0
NRIK	comp=Z,8um,18.8s,baz=80,slow=38						
NRIK	comp=Z,47nm,1.2s			MLR	MLR		
NRIK	comp=Z,8um,17.0s						
BJI	Beijing	36.51	267	P	P	03 03 44.4	-0.1
BJI	comp=Z,6.0nm,0.9s						
BJI	comp=Z,700nm,6.7s						
BJI	comp=Z,14um,13.9s						
BJI	comp=Z,15um,15.1s						
BJI	comp=Z,7um,21.6s						
BJT	Baijiatuu	36.53	267	IAMs_20	IAMs_20	03 19 04.7	
H11S1	WAKE ISLAND Hy	36.66	180	T	T	03 42 13.9	
H11S3	WAKE ISLAND Hy	36.67	180	T	T	03 42 05.2	
H11S2	WAKE ISLAND Hy	36.68	180	T	T	03 42 14.0	
TLY	Talaya	36.68	291	P	P	03 03 45.2	-0.7
TLY	comp=Z,7.1nm,0.6s,baz=76,slow=4.5,SNR=1.5			S	S	03 09 27.3	-0.5
TLY	comp=Z,1.6nm,0.4s,baz=235,slow=20.1,SNR=1.2						
TLY	comp=Z,12um,19.7s,baz=47,slow=36						
TLY	Talaya	36.68	291	iP	P	03 03 45.3	-0.5
TLY	comp=Z,193nm,2.2s						
TLY	comp=Z,17um,13.0s			MLR	MLR		
TLY	comp=Z,208nm,1.9s						
ULN	Ulanbaatar	36.89	284	eP	P	03 03 48.2	+0.4
ULN	comp=Z,72nm,1.3s						
ULN	comp=Z,9um,17.0s			MLR	MLR		
ULN	Ulanbaatar	36.89	284	P	P	03 03 46.1	-1.7
ULN	Ulanbaatar	36.89	284	IAMs_20	IAMs_20	03 20 59.8	
SONM	Songio Array	37.27	284	P	P	03 03 51.3	+0.3
SONM	comp=Z,20nm,0.8s,baz=57,slow=7.7,SNR=50			ScP	ScP	03 06 09.0	-1.1
SONM	comp=Z,5.7nm,0.9s,baz=32,slow=2.0,SNR=1.8			S	S	03 09 36.9	-0.2
SONM	comp=Z,0.3nm,0.3s,baz=83,slow=22,SNR=1.9			LR	LR	03 20 35.9	
ZAK	Zakamensk	37.56	290	eP	P	03 03 53.5	+0.1
ZAK	comp=Z,12um,18.0s,baz=58,slow=39						
MOY	Mondy	38.09	293	eP	P	03 03 57.7	-0.2
MOY	comp=Z,39nm,1.3s						
TIA	Tai'an	38.62	262	P	P	03 04 01.9	-0.4
TIA	comp=Z,3um,17.1s						
TIA	comp=Z,120nm,3.5s						
TIA	comp=Z,8um,17.1s						
TIA	comp=Z,7um,19.9s						
TIA	comp=Z,8um,21.4s						
HHC	Hu-ho-hao-te	38.62	272	eP	P	03 04 03.4	+0.9
HHC	comp=Z,18nm,0.7s,baz=296,slow=8.3,SNR=88						
HHC	comp=Z,15nm,0.7s						
HHC	comp=Z,430nm,6.5s						
HHC	comp=Z,12um,14.8s						
HHC	comp=Z,12um,14.8s						
YKA	Yellowknife Ar	38.83	47	P	P	03 04 04.0	+0.2
YKA	comp=Z,1.9nm,0.8s,baz=300,slow=3.2,SNR=2.0			ScP	ScP	03 06 14.3	-0.1
YKA	comp=Z,2.1nm,1.0s,baz=297,slow=4.1,SNR=4.5						

NEW	comp=Z,80nm,0.9s	45.37	66	P	P	03 04 57.5 +0.1
NEW	comp=Z,309,SNR=36	45.37	66	Iamb	Iamb	03 05 06.8
NEW	comp=Z,82nm,0.9s	45.37	66	IAMs_20	IAMs_20	03 21 32.9
104A	Tendick Farm, baz=311,SNR=29	45.38	74	P	P	03 04 58.0 +0.5
K02D	Williamette Mer baz=311,SNR=11	45.41	76	P	P	03 04 58.5 +0.7
E08A	Dider Farm, El baz=311,SNR=11	45.47	69	Iamb	Iamb	03 04 58.9
MLOA	Mauna Loa Osse comp=Z,4um,20.0s	45.50	126	IAMs_20	IAMs_20	03 20 25.0
I05D	Terrebonne, OR comp=Z,4um,20.0s	45.62	72	P	P	03 04 59.7 +0.4
SPITS	Spitsbergen Ar comp=Z,75nm,0.8s, baz=109,slow=9.0,SNR=7.3	45.63	352	P	P	03 04 58.7 -0.3
SPITS	comp=Z,6.0nm,1.0s, baz=199,slow=10,SNR=1.4	45.91	74	P	P	03 11 36.2 -3.9
J04D	Umpqua Nationa baz=311,SNR=33	45.91	74	P	P	03 05 02.8 +0.9
E09A	Wood Farm, Sta comp=Z,5um,18.0s	45.94	68	IAMs_20	IAMs_20	03 26 04.0
KRMB	Red Mountain comp=Z,65nm,1.1s	46.05	77	Iamb	Iamb	03 05 04.8
KRMB	comp=Z,5um,19.0s			IAMs_20	IAMs_20	03 22 29.3
PINE	Pine Mountain comp=Z,70nm,0.9s	46.19	73	Iamb	Iamb	03 05 17.2
YULB	Yu-Hi	46.22	245	P	P	03 05 04.2 -0.1
DGZ	Jazzator, Alta	46.25	298	d/P	P	03 05 03.9 -0.6
DGZ	comp=Z,28nm,0.9s			MLR	MLR	
DGZ	comp=Z,6um,15.0s			MLR	MLR	
GTA	Gaotai	46.28	279	P	P	03 05 04.9 +0.2
GTA				pP	pP	03 05 10.6 -0.3
GTA				sP	sP	03 05 13.5 +0.5
GTA				S	S	03 11 47.8 -2.7
GTA				sS	sS	03 11 53.0 -0.3
GTA				ScS	ScS	03 14 59.2 +0.4
GTA	comp=Z,43nm,1.5s			pmax	pmax	
GTA	comp=Z,810nm,8.9s			LR	LR	
GTA	comp=Z,13um,15.9s			LR	LR	
GTA	comp=Z,12um,18.1s			LR	LR	
LZH	comp=Z,12um,17.1s			LR	LR	
LZH	Lanzhou	46.29	273	P	P	03 05 05.5 +0.6
LZH				sP	sP	03 05 16.1 +2.8
LZH				PP	PP	03 06 56.5 +2.0
LZH				S	S	03 11 49.7 -1.1
LZH				sS	sS	03 12 01.7 +1.9
LZH				SS	SS	03 15 05.1 +6.0
LZH	comp=Z,70nm,1.1s			pmax	pmax	
LZH	comp=Z,460nm,4.9s			LR	LR	
LZH	comp=Z,10um,17.3s			LR	LR	
LZH	comp=Z,11um,17.4s			LR	LR	
LZH	comp=Z,13um,17.9s			LR	LR	
J05D	Fort Rock, OR baz=311,SNR=85	46.36	74	P	P	03 05 06.3 +0.9
QZH	Quanzhou	46.39	249	P	P	03 05 08.9 +3.3
QZH	comp=Z,4um,14.3s			LR	LR	
QZH	comp=Z,820nm,13.3s			LR	LR	
JCC	Jacoby Creek, comp=Z,100nm,1.1s	46.45	78	Iamb	Iamb	03 05 08.5
L04D	Klamath Falls baz=312,SNR=64	46.48	75	P	P	03 05 07.1 +0.8
K04D	Chiloquin, OR baz=312,SNR=27	46.51	75	P	P	03 05 07.4 +0.9
YBH	Yreka Blue Hor comp=Z,69nm,1.1s	46.58	76	Iamb	Iamb	03 05 09.0
YBH	IAMs_20			IAMs_20	IAMs_20	03 25 54.2
TPUB	comp=Z,5um,18.0s			MLR	MLR	
M02C	Callahan	46.64	246	P	P	03 05 06.2 -1.5
F10A	Beach Ranch, E comp=Z,70nm,1.0s	46.77	68	Iamb	Iamb	03 05 17.3
F10A	IAMs_20			IAMs_20	IAMs_20	03 26 30.1
HSPB	Hornsund (broa comp=Z,4um,20.0s	46.79	351	i/P	P	03 05 07.6 -0.5
HSPB				eS	S	03 11 52.9 -3.8
HSPB				eL	L	03 22 11.0
M04C	Macdoel	47.03	75	P	P	03 05 11.4 +0.8
N02D	Trinity Center baz=313,SNR=22	47.09	77	P	P	03 05 12.2 +1.2
KULLO	Kullorsuaq comp=Z,65nm,0.7s	47.17	15	P	P	03 05 11.0 -0.1
KULLO	Kullorsuaq	47.17	15	P	P	03 05 11.0 -0.1
KULLO	comp=Z,65nm,0.7s			pmax	pmax	
KULLO	MLR			MLR	MLR	
JTMT	comp=Z,4um,17.0s	47.17	65	IAMs_20	IAMs_20	03 23 48.5
WDC	Whiskeytown Da comp=Z,4um,20.0s	47.45	77	Iamb	Iamb	03 05 27.3
B0A	Blue Mountains comp=Z,53nm,1.0s	47.46	69	Iamb	Iamb	03 05 22.9
J8M	Circle Bar Ran comp=Z,55nm,1.1s	47.82	72	Iamb	Iamb	03 05 17.9
MSO	Missoula baz=311,SNR=49	47.95	65	P	P	03 05 17.7 0.0
003E	Paynes Creek baz=313,SNR=43	48.05	77	P	P	03 05 18.7 +0.2
DAG	Danmarks Havn comp=Z,27nm,0.7s	48.21	2	P	P	03 05 18.2 -1.0
DAG	comp=Z,3um,18.0s			pmax	pmax	
DAG	comp=Z,27nm,0.7s			MLR	MLR	
DAG	comp=Z,3um,18.0s			MLR	MLR	
WVOR	Hopland Field comp=Z,93nm,1.1s	48.24	79	Iamb	Iamb	03 05 21.3
WVOR	Wild Horse Val	48.35	73	P	P	03 05 21.7 +0.8
WVOR	comp=Z,111nm,1.4s			pmax	pmax	
WVOR	Wild Horse Val	48.35	73	Iamb	Iamb	03 05 30.6
GDXM	Geysers comp=Z,53nm,0.9s	48.52	79	Iamb	Iamb	03 05 32.6
GDXM	IAMs_20			IAMs_20	IAMs_20	03 23 40.8
FFC	comp=Z,5um,19.0s			P	P	03 05 22.0 -0.5
FFC	Flin Flon	48.62	51	P	P	03 05 22.0 -0.5
FFC	comp=Z,35nm,1.1s			pmax	pmax	
FFC	MLR			MLR	MLR	
FFC	comp=Z,4um,20.0s			P	P	03 05 22.0 -0.5
FFC	Flin Flon	48.62	51	IAMs_20	IAMs_20	03 28 32.7
FFC	comp=Z,4um,20.0s			P	P	03 05 22.0 -0.5
MCCM	Maroni Confer comp=Z,4um,18.0s	48.93	80	IAMs_20	IAMs_20	03 27 04.8
ZSN	Zaisan comp=Z,102nm,2.2s, baz=297	49.01	297	P	P	03 05 25.0 -0.7
ZSN	baz=297			eS	S	03 12 29.1 +0.3
ZSN	comp=Z,2um,12.2s, baz=297			LR	LR	03 25 35.3
ZSN	Zaisan	49.01	297	d/P	P	03 05 25.0 -0.7
ZSN				eS	S	03 12 29.1 +0.3
ZSN	comp=Z,102nm,2.2s			MLR	MLR	
ZSN	comp=Z,2um,12.0s			MLR	MLR	
EGMT	Eagleton	49.31	62	P	P	03 05 27.8 -0.3
EGMT	baz=312,SNR=19	49.31	62	Iamb	Iamb	03 05 36.5

SEM	comp=Z,78nm,1.1s	49.35	303	i/P	P	03 05 26.6 -2.0
SEM	Semipalatinsk comp=Z,113nm,2.4s, baz=302			eS	S	03 12 33.1 -1.0
SEM	baz=302			S	S	03 05 26.6 -2.0
SEM	Semipalatinsk	49.35	303	i/P	P	03 12 33.0 -1.0
SEM				eS	S	03 12 33.0 -1.0
SEM				pmax	pmax	
PAHR	comp=Z,113nm,2.4s	49.80	76	IAMs_20	IAMs_20	03 24 48.5
HLID	Haley baz=313,SNR=43	49.87	69	P	P	03 05 32.7 +0.2
KURK	Kurchatov	49.93	304	eP	P	03 05 31.4 -1.2
KURK	comp=Z,197nm,1.3s			pmax	pmax	
KURK	comp=Z,6um,16.0s			MLR	MLR	
KURK	Kurchatov	49.93	304	P	P	03 05 31.7 -0.9
KURK	Kurchatov	49.93	304	IAMs_20	IAMs_20	03 28 56.8
VCNR	Virginia City	49.94	76	Iamb	Iamb	03 05 43.2
WMQ	Urumqi	49.96	292	eP	P	03 05 33.2 +0.1
WMQ				pP	pP	03 05 41.2 -0.2
WMQ				sP	sP	03 05 44.4 +3.1
WMQ				PP	PP	03 07 30.4 +2.7
WMQ				ScP	ScP	03 10 47.2 -0.1
WMQ				S	S	03 12 42.9 -0.1
WMQ				sS	sS	03 12 53.5 +2.6
WMQ	comp=Z,60nm,1.3s			pmax	pmax	
WMQ	comp=Z,98nm,3.7s			LR	LR	
WMQ	comp=Z,26um,19.5s			LR	LR	
WMQ	comp=Z,14um,21.1s			LR	LR	
WMQ	comp=Z,8um,24.1s			LR	LR	
BOZ	Bozeman (W)	49.97	65	P	P	03 05 33.4 +0.2
BOZ	baz=312,SNR=30			S	S	03 12 43.1 +0.5
BOZ	baz=312					
BOZ	Bozeman (W)	49.97	65	IAMs_20	IAMs_20	03 29 51.4
KURBB	Kurchatov Arra comp=Z,50nm,0.8s, baz=54,slow=7.9,SNR=360	50.03	304	P	P	03 05 31.8 -1.6
KURBB				S	S	03 12 42.4 -0.6
KURBB	Kurchatov Arra	50.03	304	P	P	03 05 32.0 -1.4
CD2	CD2	50.10	268	P	P	03 05 34.4 +0.2
CD2				sP	sP	03 05 46.4 +3.8
CD2				PP	PP	03 07 30.5 +1.3
CD2				S	S	03 12 43.3 -1.2
CD2				ScS	ScS	03 15 23.3 -1.0
CD2	comp=Z,100nm,0.6s			pmax	pmax	
CD2	comp=Z,750nm,7.3s			LR	LR	
CD2	comp=Z,14um,20.8s			LR	LR	
CD2	comp=Z,19um,16.9s			LR	LR	
YERR	Yerington	50.39	76	Iamb	Iamb	03 07 34.8
CMB	Columbia Colle comp=Z,86nm,0.8s	50.41	78	Iamb	Iamb	03 05 38.8
SAO	San Andreas Ge comp=Z,3um,18.0s	50.72	80	IAMs_20	IAMs_20	03 28 02.9
GZH	Guangzhou	50.73	253	P	P	03 05 36.2 -2.8
GZH				S	S	03 12 47.4 -5.8
GZH	comp=Z,5um,16.1s			LR	LR	
GZH	comp=Z,6um,14.5s			LR	LR	
MK31	Makanchi Array	50.76	298	i/P	P	03 05 37.3 -1.7
MK31	Makanchi Array	50.76	298	Iamb	Iamb	03 06 07.8
MKAR	Makanchi Array	50.76	298	P	P	03 05 37.3 -1.7
MKAR	comp=Z,25nm,0.8s, baz=50,slow=7.1,SNR=188			S	S	03 12 49.8 -3.4
MKAR	comp=Z,0.3nm,0.5s, baz=232,slow=47,SNR=1.9			LR	LR	03 28 00.7
MAKZ	Makanchi	50.90	298	P	P	03 05 38.0 -2.1
MAKZ	Makanchi	50.90	298	P	P	03 05 38.5 -1.7
MAKZ				Iamb	Iamb	03 05 39.8
KVN	Kaiserville	50.98	76	Iamb	Iamb	03 05 43.0
KVN	comp=Z,168nm,1.6s			IAMs_20	IAMs_20	03 25 45.6
SUMG	Summit	51.27	10	P	P	03 05 42.8 -0.2
SUMG	comp=Z,4um,20.0s			P	P	03 05 42.3 -0.6
SUMG	comp=Z,189nm,1.4s			pmax	pmax	
SUMG	comp=Z,75nm,1.1s			MLR	MLR	
SUMG	comp=Z,3um,21.0s			MLR	MLR	
SUMG	Summit	51.27	10	P	P	03 05 42.3 -0.6
SUMG	comp=Z,75nm,1.1s			Iamb	Iamb	03 05 49.3
NVAR	Mina Aray Bay	51.30	76	P	P	03 05 44.2 +0.8
NVAR	comp=Z,39nm,0.8s, baz=297,slow=7.6,SNR=156			LR	LR	03 25 58.9
LKWY	Lake	51.31	65	Iamb	Iamb	03 05 54.5
LKWY	comp=Z,3um,19.8s, baz=310,slow=34			IAMs_20	IAMs_20	03 29 43.8
LKWY	comp=Z,75nm,0.9s			IAMs_20	IAMs_20	03 29 43.8
H17A	Grant Village	51.33	66	P	P	03 05 45.3 +1.7
H17A	Grant Village	51.33	66	Iamb	Iamb	03 05 54.9
H17A	comp=Z,120nm,1.2s			IAMs_20	IAMs_20	03 28 41.1
NV11	Mina Aray Site	51.38	76	IAMs_20	IAMs_20	03 25 47.0
MDPB	Devils Postpil comp=Z,4um,20.0s	51.43	77	Iamb	Iamb	03 05 54.8
PMPB	Monarch Peak	51.47	80	P	P	03 05 44.0 -0.6
PMPB				Iamb	Iamb	03 06 04.2
FLWY	Flag Ranch	51.48	66	Iamb	Iamb	03 05 55.1
FLWY	comp=Z,88nm,0.8s			Iamb	Iamb	03 05 55.0
IMW	Indian Meadow	51.48	66	Iamb	Iamb	03 05 55.0
RLMT	Red Lodge	51.51	64	P	P	03 05 45.6 +0.7
RLMT	baz=314,SNR=57			S	S	03 13 05.7 +1.6
RLMT	Red Lodge	51.51	64	Iamb	Iamb	03 05 55.0
RLMT	comp=Z,114nm,0.9s			IAMs_20	IAMs_20	03 28 57.0
MLAC	Mammoth, Mammo	51.76	77	P	P	03 05 46.8 +1.3
MDGT	Dagmar	51.76	58	P	P	03 05 46.5 0.0
MDGT	baz=313,SNR=9.1			S	S	03 13 09.0 +1.9
MDGT	baz=313					
MDGT	Dagmar	51.76	58	Iamb	Iamb	03 05 55.4
MDGT	comp=Z,84nm,1.2s			IAMs_20	IAMs_20	03 30 25.2
TPAW	Teton Pass	51.76	67	IAMs_20	IAMs_20	03 29 06.7

FINES	FINES Array B	59.63 339	P	P	03 06 41.4	-1.3
FINES	comp=Z,16nm,0.8s,baz=38,slow=9.6,SNR=24		LR	LR	03 35 27.6	
FINES	comp=Z,3um,20.2s,baz=37,slow=39		P	P	03 06 42.0	-0.7
FINES	FINES Array B	59.63 339	P	Pmax		
T25A	Trinidad	59.79 68	P	P	03 06 45.3	+0.8
T25A	baz=319,SNR=18		S	S	03 14 59.8	+5.1
T25A	baz=319					
T25A	Trinidad	59.79 68	Iamb	Iamb	03 06 46.1	
TUCNE	Belgrade	59.81 60	P	P	03 06 44.3	0.0
TUCNE	baz=319,SNR=7.6		P	P		
TUC	Tucson	59.95 76	P	Pmax	03 06 45.1	-0.3
TUC	comp=Z,34nm,1.0s					
TUC	Tucson	59.95 76	P	P	03 06 46.2	+0.7
TUC	baz=319					
TUC	Tucson	59.95 76	P	P	03 06 45.1	-0.3
D41A	Chassel	60.01 50	Iamb	Iamb	03 06 59.9	
I37A	Lemond, Waseca	60.14 55	IAMS_20	IAMS_20	03 35 52.1	
IUG	luzhnyay	60.19 302	iP	P	03 06 46.5	-0.6
IUG	comp=Z,17nm,1.7s,baz=302		eS	S	03 14 60.0	+0.5
IUG	comp=Z,92nm,2.3s,baz=302		LR	LR	03 33 31.7	
IUG	luzhnyay	60.19 302	iP	P	03 06 46.4	-0.6
IUG	eS		S	S	03 14 59.9	+0.5
IUG	comp=Z,17nm,1.7s					
IUG	comp=E,92nm,2.3s					
PUL	Pulkovo	60.23 336	eP	P	03 06 46.4	-0.4
PUL	comp=Z,119nm,0.6s					
PUL	comp=Z,1um,15.0s		MLR	MLR		
CHM	Chimkent	60.27 302	iP	P	03 06 56.8	+9.4
CHM	comp=Z,52nm,1.8s,baz=302		eS	S	03 15 10.9	+1.1
L34A	Svensden Farm,	60.27 59	IAMS_20	IAMS_20	03 34 37.5	
ANMO	Albuquerque	60.34 71	eP	P	03 06 49.1	+0.8
ANMO	comp=Z,40nm,1.3s					
ANMO	Albuquerque	60.34 71	P	P	03 06 49.1	+0.8
ANMO	baz=319		S	S	03 15 06.9	+5.1
ANMO	Albuquerque	60.34 71	P	P	03 06 47.6	-0.7
ANMO	baz=319		S	S	03 06 47.9	-0.6
ANMO	Albuquerque	60.34 71	P	P	03 06 47.9	-0.6
ANMO	baz=319		S	S	03 28 51.4	
KNTN	Kanton	60.44 155	IAMS_20	IAMS_20	03 29 02.1	
COWI	Conover	60.50 51	Iamb	Iamb	03 06 50.3	
G40	livgut	60.65 19	Iamb	Iamb	03 07 11.2	
I40A	Rib Lake	60.66 52	Iamb	Iamb	03 07 04.2	
G40A	comp=Z,46nm,1.1s					
Y22D	IRIS PASSCAL I	60.74 72	P	P	03 06 52.0	+1.0
Y22D	baz=319					
Y22D	IRIS PASSCAL I	60.74 72	IAMS_20	IAMS_20	03 32 28.6	
Y22D	comp=Z,4um,21.0s					
BNM	Barren Site	60.85 71	P	P	03 06 51.0	-0.8
SHL	Shilling	60.94 274	P	P	03 06 51.0	-1.4
SHL	comp=Z,8um,19.0s					
SHL	Shilling	60.94 274	P	P	03 06 51.0	-1.4
SHL	CBKs	60.97 63	P	P	03 06 52.2	0.0
SHL	baz=319,SNR=12		S	S	03 15 12.0	+2.7
TAS	Tashkent	61.17 302	IAMS_20	IAMS_20	03 33 39.2	
NRS	Narsarsuaq	61.17 17	IAMS_20	IAMS_20	03 32 54.2	
E43A	Lone Tree Farm	61.23 49	Iamb	Iamb	03 07 11.6	
E43A	comp=Z,90nm,1.6s					
121A	Cookes Peak, D	61.44 73	P	P	03 06 56.9	+1.2
121A	comp=Z,5um,18.0s					
121A	Cookes Peak, D	61.44 73	IAMS_20	IAMS_20	03 32 11.3	
121A	comp=Z,2um,18.0s					
JAY	Jayapura	61.46 210	LR	LR	03 30 59.6	
K38A	Parkersburg	61.48 56	Iamb	Iamb	03 07 10.9	
K40A	Norwalk	61.53 53	IAMS_20	IAMS_20	03 35 39.7	
R32A	Long Quarter,	61.79 63	IAMS_20	IAMS_20	03 38 19.1	
SCHO	Schefferville	61.80 32	P	P	03 06 57.7	+0.1
SCHO	comp=Z,32nm,0.9s,baz=336,slow=6.5,SNR=17		S	S	03 15 19.9	+0.4
SCHO	comp=Z,1.8nm,0.7s,baz=193,slow=5.4,SNR=1.4		LR	LR	03 35 20.9	
SCHO	Schefferville	61.80 32	P	P	03 06 57.2	-0.5
SCHO	comp=Z,3um,20.8s,baz=330,slow=36					
SCHO	Schefferville	61.80 32	IAMS_20	IAMS_20	03 34 59.2	
SCIA	State Center	61.84 57	P	P	03 06 58.2	+0.2
SCIA	baz=320,SNR=17					
SCIA	State Center	61.84 57	IAMS_20	IAMS_20	03 33 29.0	
MOS	Moscow	61.90 330	eP	P	03 06 56.0	-2.2
MOS	comp=Z,43nm,1.1s					
MOS	Moscow	61.90 330	ePPP	PPP	03 07 36.6	
MOS	comp=Z,5um,21.0s		eS	S	03 09 11.9	
MOS	comp=Z,97nm,1.5s		eSS	SS	03 15 20.0	-0.6
MOS	comp=N,55nm,1.1s					
MOS	comp=Z,3um,16.0s					
TAPN	Taplejung	61.95 278	eP	P	03 06 58.7	-0.7
D46A	Sault St. Mari	62.09 47	P	P	03 06 58.3	-1.4
D46A	baz=322		S	S	03 15 21.1	-2.2
CHTO	Chiang Mai	62.19 263	P	P	03 07 00.8	+0.1
CHTO	Chiang Mai	62.19 263	P	P	03 07 00.9	+0.1
VSU	Vasula	62.21 338	eP	P	03 06 59.2	-0.6
VSU	Vasula	62.21 338	iP	Pmax	03 06 59.4	-0.9
VSU	comp=Z,174nm,1.4s					
VSU	comp=Z,8um,23.0s		MLR	MLR		
I42A	Draeger Farm,	62.31 52	Iamb	Iamb	03 07 15.1	
I42A	comp=Z,49nm,1.2s					
I42A	comp=Z,5um,21.0s		IAMS_20	IAMS_20	03 34 46.3	
KSU1	Kansas State U	62.33 61	P	P	03 07 00.4	-1.0
KSU1	baz=320,SNR=12					
KSU1	Kansas State U	62.33 61	Iamb	Iamb	03 07 05.4	
KSU1	comp=Z,53nm,0.8s					
KSU1	Kansas State U	62.33 61	IAMS_20	IAMS_20	03 33 11.2	
D47A	Chapleau	62.36 46	P	P	03 07 00.1	-1.3
D47A	baz=323,SNR=7.1		S	S	03 15 23.9	-2.6
H43A	Windswept, Lux	62.37 51	IAMS_20	IAMS_20	03 38 03.9	
F45A	CMU Biological	62.41 49	P	P	03 07 01.0	-0.8
F45A	baz=322		S	S	03 15 27.5	+0.2
JFWS	Jewell Farm	62.46 54	P	P	03 07 01.3	-0.9
JFWS	baz=322					
JFWS	Jewell Farm	62.46 54	P	P	03 07 01.3	-0.9
JFWS	baz=321,SNR=8.1					

JFWS	baz=321		S	S	03 15 28.5	+0.4
CM31	Chiang Mai Arr	62.48 263	P	P	03 07 02.1	-0.5
CMAR	Chiang Mai Arr	62.48 263	P	P	03 07 02.9	+0.3
CMAR	comp=Z,11nm,0.7s,baz=23,slow=6.9,SNR=32		LR	LR	03 36 36.3	
NB2	NORSAR Subarra	62.48 347	P	P	03 07 01.2	-0.9
NB2	comp=Z,4um,18.3s,baz=89,slow=38					
NB2	NORSAR Subarra	62.48 347	P	P	03 07 01.2	-0.9
NB2	comp=Z,575nm,3.3s,baz=16,slow=6.9					
NB2	baz=16,slow=6.9					
NOA	NORSAR Array B	62.48 347	P	P	03 07 01.2	-0.9
NOA	comp=Z,14nm,0.8s,baz=6.8,SNR=31		LR	LR	03 33 59.9	
ODAN	Odare	62.51 278	eP	P	03 07 02.3	-0.7
GUN	Gumba	62.55 280	eP	P	03 07 02.6	-0.9
GUN	comp=Z,125nm,0.8s					
JIRN	Jiri	62.57 280	eP	P	03 07 02.9	-0.7
L40A	Anamosa	62.66 55	Iamb	Iamb	03 07 17.0	
N38A	comp=Z,30nm,0.8s					
N38A	Joos South For	62.69 57	Iamb	Iamb	03 07 08.4	
N38A	comp=Z,58nm,0.9s					
N38A	comp=Z,5um,21.0s		IAMS_20	IAMS_20	03 33 53.5	
EPT	El Paso	62.72 73	IAMS_20	IAMS_20	03 35 07.1	
NORES	comp=Z,3um,18.0s					
NORES	NORES Array B	62.73 347	P	Pmax	03 07 06.3	+2.6
NORES	comp=Z,7.0nm,0.7s					
OBN	Obninsk	62.74 330	iP	P	03 07 02.6	-1.3
OBN	comp=Z,3um,19.0s					
OBN	Obninsk	62.74 330	IAMS_20	IAMS_20	03 37 17.4	
E47A	Iron Bridge	62.75 47	P	P	03 07 03.0	-1.1
D48A	Paudash Townsh	62.78 46	P	P	03 07 02.2	-2.2
PBK7	Saao Pong	62.84 260	IAMS_20	IAMS_20	03 35 19.8	
G45A	Suttons Bay	62.85 49	P	P	03 07 04.1	-0.7
G45A	baz=322		S	S	03 15 33.6	+0.7
G45A	Suttons Bay	62.85 49	IAMS_20	IAMS_20	03 33 05.6	
G45A	comp=Z,5um,22.0s					
RAMN	Ramite	62.88 279	eP	P	03 07 04.7	-0.9
D49A	Beulah Townsh	62.89 45	P	P	03 07 04.0	-1.1
D49A	comp=Z,226nm,0.6s					
AMTX	Amarillo	62.94 67	P	P	03 07 05.4	-0.2
AMTX	baz=323,SNR=8.4		S	S	03 15 37.6	+3.0
AMTX	baz=320		S	S	03 15 37.6	+3.0
AMTX	Amarillo	62.94 67	Iamb	Iamb	03 07 06.6	
AMTX	comp=Z,44nm,1.2s					
AMTX	comp=Z,3um,20.0s					
G46A	Petoskey	62.98 49	P	P	03 07 05.1	-0.5
G46A	baz=322,SNR=7.8					
KKN	Kakani	62.98 280	eP	P	03 07 05.5	-0.7
KKN	comp=Z,140nm,0.8s					
H45A	Beulah	63.02 50	P	P	03 07 05.4	-0.5
H45A	baz=322					
SIJ	Sorong	63.05 221	P	P	03 07 08.0	+1.5
SIJ	comp=Z,119nm,0.9s,baz=28,slow=4.1,SNR=12					
MSTX	Muleshoe	63.06 69	P	P	03 07 06.6	+0.1
MSTX	baz=320,SNR=9.2		S	S	03 15 40.1	+4.0
MSTX	Muleshoe	63.06 69	IAMS_20	IAMS_20	03 36 15.9	
PKI	Pulchoki	63.08 280	eP	P	03 07 06.1	-0.9
PKI	comp=Z,179nm,0.8s					
PKIN	Phuokki	63.08 280	eP	P	03 07 05.9	-1.0
PKIN	comp=Z,197nm,0.8s					
LSQQ	Lebel-sur-Quev	63.16 41	P	P	03 07 05.4	-1.4
GKN	Gorkha	63.18 281	eP	P	03 07 06.7	-0.7
GKN	comp=Z,150nm,0.6s					
E48A	Lockeyer	63.19 46	P	P	03 07 05.8	-1.2
E48A	baz=323,SNR=7.7					
U32A	Winter Ranch,	63.20 64	Iamb	Iamb	03 07 12.2	
U32A	comp=Z,39nm,0.8s					

CCM	Cathedral Cave	65.78	58	P	P	03 07 23.5	-0.6
CCM	Cathedral Cave			S	S	03 16 09.8	+0.4
CCM	Cathedral Cave	65.78	58	P	P	03 07 23.2	-0.9
CCM	Cathedral Cave			I Amb	I Amb	03 07 28.4	
CCM	Cathedral Cave	65.78	58	I AMs_20	I AMs_20	03 35 28.5	
SLM	Saint Louis	65.81	57	I Amb	I Amb	03 07 28.9	
I51A	Listowel	65.83	47	P	P	03 07 23.8	-0.5
HHAR	Hobbs	65.85	61	I AMs_20	I AMs_20	03 34 32.4	
L48A	N Adams	65.86	51	I Amb	I Amb	03 07 37.7	
SFIN	Lafayette	65.91	54	P	P	03 07 24.0	-0.8
SFIN	Lafayette	65.91	54	I Amb	I Amb	03 07 42.0	
AAM	Ann Arbor	65.91	50	P	P	03 07 24.4	-0.4
AAM	Ann Arbor	65.91	50	I Amb	I Amb	03 07 38.9	
AAM	Ann Arbor			I AMs_20	I AMs_20	03 37 43.6	
I52A	Shelburne	65.97	47	P	P	03 07 23.9	-1.3
E56A	St. Veronique	65.98	42	P	P	03 07 24.1	-1.2
K50A	Casco	65.98	49	P	P	03 07 24.4	-0.9
MGMO	Mountain Grove	65.99	59	I AMs_20	I AMs_20	03 35 45.1	
D57A	Chemin Vers le	66.02	41	P	P	03 07 24.5	-1.0
D57A	Chemin Vers le			S	S	03 16 09.3	-2.7
F55A	Otter Lake	66.06	43	P	P	03 07 24.1	-1.7
LATO	La Tuque	66.12	40	P	P	03 07 24.8	-1.3
N47A	Urbana	66.15	52	I AMs_20	I AMs_20	03 38 13.9	
TXAR	Lajitas Alway	66.15	73	P	P	03 07 27.1	+0.4
TXAR	Lajitas Alway			LR	LR	03 35 35.7	
TXAR	Lajitas Alway			PKP2ab	PKP2ab	03 36 08.8	
H53A	Bobcaygeon	66.21	45	P	P	03 07 25.4	-1.3
D58A	Chemin du LacG	66.33	40	P	P	03 07 26.3	-1.2
D58A	Chemin du LacG			S	S	03 16 13.6	-2.2
U40A	Yellville	66.33	60	P	P	03 07 26.5	-1.1
U40A	Yellville	66.33	60	I Amb	I Amb	03 07 36.0	
BIGH	Upper Bighouse	66.38	355	eP	P	03 07 27.6	0.0
G55A	Calabogie	66.40	44	P	P	03 07 26.4	-1.5
G55A	Calabogie			S	S	03 16 12.3	-4.3
I53A	Kortright Cn E	66.41	46	P	P	03 07 26.1	-2.0
E57A	Chemin Saint G	66.43	41	P	P	03 07 26.9	-1.2
E57A	Chemin Saint G			S	S	03 16 13.5	-3.5
X37A	Clayton	66.45	63	I Amb	I Amb	03 07 59.2	
X37A	Clayton			I AMs_20	I AMs_20	03 39 35.4	
P46A	Rosedale	66.46	54	I Amb	I Amb	03 07 32.3	
P46A	Rosedale			I AMs_20	I AMs_20	03 37 32.3	
Z35A	Perchaven, San	66.46	65	I Amb	I Amb	03 07 37.9	
Z35A	Perchaven, San			I AMs_20	I AMs_20	03 38 07.9	
L50A	Kingsville	66.49	50	P	P	03 07 27.6	-1.0
K51A	Iona Station	66.50	48	P	P	03 07 27.7	-0.9
J52A	Paris	66.52	47	P	P	03 07 27.9	-0.8
KBL	Kabul	66.54	297	P	P	03 07 27.0	-2.3
KBL	Kabul			pmax	pmax		
KBL	Kabul			MLR	MLR		
KBL	Kabul	66.54	297	P	P	03 07 27.0	-2.3
KBL	Kabul			I Amb	I Amb	03 07 28.1	
DELO	Deloro Mine	66.65	45	I AMs_20	I AMs_20	03 38 10.8	
T42A	Van Buren	66.67	58	I AMs_20	I AMs_20	03 38 35.2	
F57A	Harrington	66.72	42	P	P	03 07 28.2	-1.8
OLIL	Olney	66.75	55	I Amb	I Amb	03 07 44.1	
W39A	Magazine	66.78	62	P	P	03 07 30.0	-0.6
W39A	Magazine			S	S	03 16 21.3	-0.2
D59A	Saint-Raymond	66.79	40	P	P	03 07 29.2	-1.2
E58A	La Victoria	66.79	41	P	P	03 07 29.4	-1.0
E58A	La Victoria			S	S	03 16 19.2	-2.2
N49A	Columbus Grove	66.79	51	I Amb	I Amb	03 07 44.1	
K52A	Tilsonburg	66.80	48	P	P	03 07 29.6	-0.9
H55A	Tweed	66.80	44	P	P	03 07 29.2	-1.2
I55A	Frankford	66.87	45	P	P	03 07 29.5	-1.4
O48A	Farmland	66.89	52	P	P	03 07 29.9	-1.3
M50A	Fremont	66.91	50	I AMs_20	I AMs_20	03 35 30.9	
E59A	St. Maurice	66.98	40	P	P	03 07 29.8	-1.8
F58A	St-Lin Laurent	67.01	41	P	P	03 07 29.8	-2.0
FCAR	Ozark Folk Cen	67.06	60	I Amb	I Amb	03 07 36.2	
FCAR	Ozark Folk Cen			I AMs_20	I AMs_20	03 36 18.4	
SUW	Suwalki	67.09	338	eP	L	03 07 31.4	-0.8
SUW	Suwalki			eL	L	03 33 32.1	
SUW	Suwalki	67.09	338	I AMs_20	I AMs_20	03 39 15.2	
H56A	Elgin	67.13	44	P	P	03 07 31.1	-1.4
PBMO	Poplar Bluff	67.19	58	I Amb	I Amb	03 07 38.7	
PBMO	Poplar Bluff			I AMs_20	I AMs_20	03 36 19.8	
D60A	Saint Jean D'O	67.20	39	P	P	03 07 31.6	-1.4
D60A	Saint Jean D'O			S	S	03 16 24.5	-1.6
G57A	Newington	67.20	43	P	P	03 07 31.5	-1.6
G57A	Newington			S	S	03 16 21.8	-4.5
D61A	St Aubert, Com	67.21	38	P	P	03 07 30.8	-2.3
D61A	St Aubert, Com			S	S	03 16 25.0	-1.4
MCD	Coleburn Disti	67.25	354	eP	P	03 07 33.2	0.0
J54A	Appleton	67.26	46	P	P	03 07 32.3	-1.2
J54A	Appleton	67.26	46	I Amb	I Amb	03 07 46.9	
J54A	Appleton			I AMs_20	I AMs_20	03 37 12.0	
O49A	Covington	67.32	52	I Amb	I Amb	03 07 47.4	

O49A	comp=2.3um,19.0s						
M51A	Elyria	67.34	50	P	P	03 07 32.6	-1.5
JCT	Junion City	67.35	69	P	P	03 07 34.1	-0.1
JCT	Junion City			S	S	03 16 30.3	+1.6
JCT	Junion City	67.35	69	I AMs_20	I AMs_20	03 39 14.5	
MIAR	Mount Ida	67.40	62	P	P	03 07 34.1	-0.3
MIAR	Mount Ida			S	S	03 16 29.6	+0.6
MIAR	Mount Ida	67.40	62	I Amb	I Amb	03 07 43.7	
MIAR	Mount Ida			I AMs_20	I AMs_20	03 38 26.6	
LCAR	Lake Charles	67.40	59	I AMs_20	I AMs_20	03 36 49.3	
WHTX	Lake Whitney	67.41	66	P	P	03 07 34.2	-0.4
WHTX	Lake Whitney	67.41	66	I Amb	I Amb	03 07 43.8	
WHTX	Lake Whitney			I AMs_20	I AMs_20	03 39 02.9	
F59A	Saint Guillaume	67.41	61	P	P	03 07 33.5	-0.9
WHAR	Woolly Hollow	67.45	60	I Amb	I Amb	03 07 43.5	
WHAR	Woolly Hollow			I AMs_20	I AMs_20	03 35 43.9	
E60A	Ste Agathe de	67.47	40	P	P	03 07 33.1	-1.6
E60A	Ste Agathe de			S	S	03 16 28.3	-1.2
G58A	Ormstown	67.52	42	P	P	03 07 33.4	-1.7
M52A	Chesterland	67.53	49	P	P	03 07 34.2	-1.0
W41B	Gary Mavity, V	67.57	61	P	P	03 07 34.8	-0.7
W41B	Gary Mavity, V			S	S	03 16 30.9	0.0
W41B	Gary Mavity, V	67.57	61	I AMs_20	I AMs_20	03 36 32.8	
H57A	Richville	67.58	43	P	P	03 07 33.8	-1.7
N51A	Ashland	67.60	50	P	P	03 07 34.6	-1.0
N51A	Ashland	67.60	50	I AMs_20	I AMs_20	03 35 51.1	
J55A	Hilton	67.60	46	P	P	03 07 34.3	-1.3
J55A	Hilton			S	S	03 16 27.7	-3.6
PARMO	Parma	67.61	58	I AMs_20	I AMs_20	03 36 32.9	
F60A	Warwick	67.62	40	P	P	03 07 34.5	-1.2
BSD	Bornholm Skovb	67.64	343	iP	P	03 07 34.8	-0.8
BSD	Bornholm Skovb	67.64	343	iP	pmax	03 07 34.8	-0.8
BSD	Bornholm Skovb			MLR	MLR		
ERPA	Erie	67.65	48	P	P	03 07 34.8	-1.2
ERPA	Erie	67.65	48	I Amb	I Amb	03 07 49.4	
L53A	Girard	67.67	48	P	P	03 07 35.2	-0.8
P49A	Miami Univ. Ec	67.67	52	P	P	03 07 34.9	-1.2
P49A	Miami Univ. Ec	67.67	52	I Amb	I Amb	03 07 49.3	
Z38A	Mt. Pleasant	67.69	64	I Amb	I Amb	03 07 45.4	
Z38A	Mt. Pleasant			I AMs_20	I AMs_20	03 38 25.3	
HENM	Henderson Moun	67.70	58	I AMs_20	I AMs_20	03 36 47.3	
D62A	Allapoint, All	67.72	38	P	P	03 07 35.8	-0.5
D62A	Allapoint, All	67.72	38	P	P	03 07 35.3	-0.9
D62A	Allapoint, All			I Amb	I Amb	03 07 46.4	
E61A	Lac Etchemin	67.76	39	P	P	03 07 35.6	-1.0
LONY	Lake Ozonia	67.77	43	P	P	03 07 35.0	-1.6
LONY	Lake Ozonia	67.77	43	I AMs_20	I AMs_20	03 39 29.2	
K54A	Basiliko Farm,	67.79	47	P	P	03 07 35.4	-1.4
X40A	Basin Creek Fa	67.82	61	P	P	03 07 36.4	-0.7
X40A	Basin Creek Fa			S	S	03 16 34.1	+0.1
L54A	Sinclairville	67.83	47	P	P	03 07 35.6	-1.5
L54A	Sinclairville			S	S	03 16 31.4	-2.7
PVMO	Portageville	67.83	58	I AMs_20	I AMs_20	03 36 27.8	
PENMO	Penman	67.84	58	I AMs_20	I AMs_20	03 36 28.0	
ACSO	Alum Creek Sta	67.89	51	P	P	03 07 36.5	-1.0
ACSO	Alum Creek Sta	67.89	51	I Amb	I Amb	03 07 51.1	
M53A	WI Miller and	67.91	49	I Amb	I Amb	03 07 51.3	
I57A	Carthage	67.91	44	P	P	03 07 35.9	-1.7
K55A	Perry	67.94	46	P	P	03 07 36.4	-1.4
K55A	Perry			S	S	03 16 31.6	-3.8
E62A	Clayton Lake	67.95	38	P	P	03 07 37.2	-0.6
E62A	Clayton Lake	67.95	38	I Amb	I Amb	03 08 22.9	
FRNY	Flat Rock	67.97	42	I AMs_20	I AMs_20	03 39 44.6	
F61A	St Evariste	67.97	40	P	P	03 07 37.1	-0.8
F61A	St Evariste			S	S	03 16 33.8	-1.8
N52A	McGinn's Farm,	67.98	50	P	P	03 07 37.1	-1.0
J56A	Wolcott	67.98	45	P	P	03 07 36.5	-1.5
J56A	Wolcott	67.98	45	I AMs_20	I AMs_20		

NATX	comp=Z,60nm,0.8s	IAMs_20	IAMs_20	03 40 16.2					
L57A	Andrews Acres baz=327,SNR=9.9	69.05 46	P	P	03 07 43.5	-1.3			
O54A	Avella baz=326	69.07 49	P	P	03 07 44.3	-0.6			
PGBU	Glenferbraes	69.09 355	eP		03 07 44.6	-0.1			
W45A	Hickory Valley comp=Z,3um,21.0s	69.09 58	IAMs_20	IAMs_20	03 36 54.0				
LBNH	Lisbon baz=328	69.10 41	P	P	03 07 44.0	-1.0			
LBNH	Lisbon comp=Z,4um,18.0s	69.10 41	IAMs_20	IAMs_20	03 40 45.6				
H62A	Milan baz=329	69.11 40	P	P	03 07 43.7	-1.3			
H62A	Milan comp=Z,4um,21.0s	69.11 40	IAMs_20	IAMs_20	03 39 25.5				
GEYT	Alibeck comp=Z,9.2nm,0.7s,baz=18,slow=1.9,SNR=26	69.14 307	P	P	03 07 44.5	-0.9			
GEYT		S	S	S	03 16 49.8	-0.1			
GEYT	comp=Z,1.1nm,0.4s,baz=322,slow=14,SNR=2.1	LR			03 41 06.4				
GYA0B	ALIBECK ARRAY	69.14 307	P	P	03 07 45.1	-0.3			
ACCN	Adirondack Com comp=Z,3um,19.0s	69.16 43	IAMs_20	IAMs_20	03 41 05.2				
N55A	Marion Center baz=326,SNR=5.9	69.17 48	P	P	03 07 44.5	-1.1			
PKME	Peaks-Kenny Pk baz=330	69.20 39	P	P	03 07 44.2	-1.4			
PKME	Peaks-Kenny Pk comp=Z,4um,19.0s	69.20 39	IAMs_20	IAMs_20	03 41 07.9				
P53A	Whipple baz=326	69.20 50	P	P	03 07 44.6	-1.1			
P53A	Whipple comp=Z,42nm,1.1s	69.20 50	IAMB	IAMB	03 08 02.8				
P53A		IAMs_20	IAMs_20	03 38 06.5					
G63A	Kingsbury baz=329	69.21 39	P	P	03 07 44.8	-0.8			
G63A		S	S	S	03 16 49.0	-1.2			
K59A	Cooperstown baz=328	69.21 44	P	P	03 07 44.5	-1.2			
BINY	Binghanton comp=Z,4um,21.0s	69.24 45	IAMs_20	IAMs_20	03 39 50.3				
Q52A	Bidwell baz=325	69.24 51	P	P	03 07 44.8	-1.2			
833A	Chaparral WMA, baz=322,SNR=14	69.26 70	P	P	03 07 46.7	+0.5			
833A	Chaparral WMA, comp=Z,78nm,0.9s	69.26 70	IAMB	IAMB	03 07 56.1				
N56A	West Decatur baz=328,SNR=5.9	69.35 47	P	P	03 07 45.8	-0.8			
J60A	Lant Hill Farm baz=328	69.38 43	P	P	03 07 45.4	-1.3			
GOF	Gofitskoye eP	69.38 321	P	S	03 07 46.2	-0.5			
GOF		eS	S	S	03 16 54.5	+2.2			
GOF	comp=Z,166nm,1.4s	pmax	pmax						
GOF	comp=N,134nm,2.3s	smax	smax						
G64A	Maxfield baz=330	69.40 39	P	P	03 07 45.5	-1.3			
G64A		S	S	S	03 16 50.7	-1.7			
HNH	Hanover baz=330	69.42 42	IAMs_20	IAMs_20	03 39 55.0				
L58A	Harry Jones Me comp=Z,3um,20.0s	69.42 45	P	P	03 07 45.6	-1.4			
H63A	New Sharon baz=329	69.44 40	P	P	03 07 46.0	-1.1			
M57A	Sunshine Farm, baz=327,SNR=7.1	69.49 46	P	P	03 07 46.5	-1.0			
M57A	Sunshine Farm, comp=Z,3um,19.0s	69.49 46	IAMs_20	IAMs_20	03 41 57.0				
EKA	Eskdalemuir Ar comp=Z,22nm,0.7s,baz=17,slow=5.1,SNR=25	69.49 354	P	P	03 07 46.6	-0.6			
MAK	Makchackala 69.49 317	eS	S	S	03 07 38.6	-8.8			
MAK		eSS	SSS	SSS	03 16 41.3	-1.2			
MAK		pmax	pmax		03 24 28.2				
MAK	comp=Z,46nm,0.3s	MLR	MLR						
BSEG	Bad Segeberg comp=Z,5um,15.0s	69.50 345	eP	P	03 07 47.9	+0.7			
OXF	Oxford baz=324,SNR=9.4	69.50 59	P	P	03 07 47.2	-0.3			
OXF	Oxford comp=Z,5um,15.0s	69.50 59	IAMs_20	IAMs_20	03 40 12.9				
P54A	Burton comp=Z,4um,18.0s	69.50 50	P	P	03 07 46.9	-0.7			
ESK	Eskdalemuir baz=328,SNR=6.9	69.51 354	eP	IAMB	03 07 47.2	-0.1			
ESK		IAMB	IAMB	03 07 51.5					
O55A	Ligonier baz=327	69.51 48	P	P	03 07 46.6	-1.0			
JBP	Jabalpur eS	69.57 281	P	S	03 07 46.9	-1.3			
JBP		eS	S	S	03 16 44.5	-1.1			
J61A	Chester baz=328	69.62 42	P	P	03 07 47.0	-1.2			
L59A	Walton baz=328	69.62 44	P	P	03 07 47.0	-1.4			
I62A	Tamworth baz=329	69.64 41	P	P	03 07 47.7	-0.6			
I62A	Tamworth comp=Z,4um,18.0s	69.64 41	IAMs_20	IAMs_20	03 41 02.6				
BEL	Belsk eS	69.65 338	eP	S	03 07 48.8	+0.6			
BEL		eL	L	L	03 16 58.4	+3.2			
T50A	Nancy comp=Z,3um,21.4s	69.66 54	IAMB	IAMB	03 08 02.6				
Q53A	Leroy baz=326,SNR=5.7	69.66 51	P	P	03 07 48.0	-0.5			
WVL	Waterville comp=Z,4um,20.0s	69.67 39	IAMs_20	IAMs_20	03 40 15.4				
735A	Kenedy comp=Z,3um,20.0s	69.69 69	IAMs_20	IAMs_20	03 39 55.5				
CLTN	Cedars of Liba comp=Z,57nm,1.0s	69.71 56	IAMB	IAMB	03 07 55.5				
CLTN		IAMs_20	IAMs_20	03 40 56.3					
K60A	Five Rivers En baz=328	69.72 43	P	P	03 07 47.1	-1.7			
S51A	Beattytville comp=Z,69nm,1.5s	69.72 53	IAMB	IAMB	03 07 49.0				
S51A		IAMs_20	IAMs_20	03 40 42.5					
MCWV	Mont Chateau baz=326	69.73 49	P	P	03 07 47.5	-1.4			
MCWV	Mont Chateau comp=Z,3um,20.0s	69.73 49	IAMs_20	IAMs_20	03 40 45.6				
M58A	Price's Panora baz=327	69.74 46	P	P	03 07 47.3	-1.7			
H64A	Troy baz=330	69.76 39	P	S	03 07 47.7	-1.4			
H64A		S	S	S	03 16 55.0	-1.7			
SSPA	Standing Stone baz=327	69.76 47	P	P	03 07 47.9	-1.2			
SSPA	Standing Stone baz=327	69.76 47	P	P	03 07 48.2	-0.9			
I63A	Otisfield baz=329	69.77 40	P	P	03 07 48.1	-1.0			
I63A		S	S	S	03 16 55.3	-1.6			
I63A	Otisfield comp=Z,3um,20.0s	69.77 40	IAMs_20	IAMs_20	03 40 30.1				
PLAL	Pickwick Lake comp=Z,55nm,1.0s	69.77 58	IAMB	IAMB	03 07 58.2				
PLAL		IAMs_20	IAMs_20	03 37 27.0					
O56A	Blue Knob Sta baz=326	69.78 48	P	P	03 07 47.9	-1.4			
N57A	Milroy baz=327,SNR=8.9	69.80 47	P	P	03 07 48.4	-1.0			
Q54A	Coxs Mills baz=326	69.86 50	P	P	03 07 48.9	-0.8			
G65A	Princeton baz=330	69.86 38	P	P	03 07 48.5	-1.1			
P55A	Reedsville baz=326,SNR=7.2	69.87 49	P	P	03 07 49.3	-0.5			
HKT	Hockley 69.87 66	eP	P	P	03 07 49.4	-0.4			

HKT	comp=Z,26nm,1.6s	MLR	MLR						
HKT	Hockley comp=Z,3um,20.0s	69.87 66	P	IAMB	03 07 48.7	-1.1			
HKT		IAMB	IAMB	03 07 51.8					
HKT	Hockley comp=Z,122nm,1.8s	69.87 66	IAMs_20	IAMs_20	03 40 38.6				
R53A	Hurricane comp=Z,3um,20.0s	69.90 51	P	P	03 07 49.3	-0.7			
R53A	Hurricane baz=326,SNR=6.9	69.90 51	P	IAMB	03 08 03.3				
EDMD	Edmundsbury comp=Z,142nm,1.6s	69.92 353	eP	P	03 07 49.7	-0.2			
K61A	Williamstown baz=328	69.92 43	P	P	03 07 49.9	-1.2			
GROC	Grozyiny 69.95 318	eP	P	P	03 07 49.2	-1.0			
GROC		e	S	S	03 08 09.3				
GROC		e	S	S	03 10 22.6				
GROC	comp=Z,78nm,1.7s	pmax	pmax						
Y45A	Yeager Farm, C comp=Z,4um,21.0s	69.95 59	IAMs_20	IAMs_20	03 38 05.9				
J62A	Henniker baz=329	70.01 42	P	P	03 07 49.4	-1.2			
M59A	Waymart baz=328	70.01 45	P	P	03 07 49.0	-1.7			
H65A	Eastbrook baz=330	70.06 38	P	S	03 07 49.6	-1.2			
H65A		S	S	S	03 16 58.3	-2.0			
N58A	Sunbury baz=327	70.08 46	P	P	03 07 49.8	-1.2			
N58A	Sunbury comp=Z,3um,19.0s	70.08 46	IAMs_20	IAMs_20	03 42 23.5				
L60A	Shokan baz=328	70.12 44	P	P	03 07 50.0	-1.3			
L60A	Buckhannon baz=329,SNR=1.7	70.18 50	P	P	03 07 51.4	-0.4			
Q51A	Hillsdale H, H baz=328	70.21 43	P	P	03 07 50.3	-1.5			
O57A	Amberson comp=Z,11nm,1.6s,baz=15,slow=6.0	70.22 47	P	P	03 07 51.0	-0.9			
I64A	Boothbay baz=330	70.23 40	P	S	03 07 50.9	-1.0			
I64A		S	S	S	03 17 00.6	-1.6			
KESW	Keswick, Cumbr comp=Z,118nm,1.3s	70.23 354	eP	IAMB	03 07 51.6	-0.2			
KESW		IAMB	IAMB	03 07 52.8					
BTLR	Botlikh comp=Z,3um,1.6s	70.25 318	P	P	03 07 51.1	-1.1			
P56A	Dayton Farm, R baz=326,SNR=6.1	70.30 49	P	P	03 07 51.9	-0.6			
H66A	Whiting baz=331	70.31 38	P	S	03 07 51.3	-1.1			
H66A		S	S	S	03 17 01.3	-1.9			
K62A	Royalston baz=329	70.33 42	P	P	03 07 51.5	-1.1			
K62A	Royalston comp=Z,3um,20.0s	70.33 42	IAMs_20	IAMs_20	03 40 54.9				
L61B	Northampton baz=328	70.34 43	P	P	03 07 51.1	-1.5			
KSM	Kuching comp=Z,3um,1.6s	70.35 242	P	P	03 07 55.0				
RUE	Ruedersdorf comp=Z,11nm,1.6s,baz=15,slow=6.0	70.36 343	eP	P	03 07 52.9	+0.3			
N59A	State Game Lan baz=328	70.40 46	P	P	03 07 51.2	-1.9			
SANVU	Saraoutou comp=Z,2um,20.0s	70.40 180	IAMs_20	IAMs_20	03 35 25.0				
R54A	Victor baz=326,SNR=6.0	70.45 51	P	P	03 07 52.7	-0.8			
KVAR	Kislovodsk Arr comp=Z,6.8nm,0.8s,baz=270,slow=2,SNR=3.9	70.46 321	P	P	03 07 53.2	-0.3			
KIV	Kislovodsk SNR=14	70.46 321	P	P	03 07 52.9	-0.6			
KIV	Kislovodsk SNR=14	70.46 321	eP	S	03 07 53.4	-0.1			
KIV		eS	S	S	03 17 06.1	+0.9			
KIV	comp=Z,198nm,3.1s	pmax	pmax						
KIV	comp=Z,48nm,1.1s	MLR	MLR						
KIV	comp=Z,8um,18.0s	MLR	MLR						
KIV	Kislovodsk comp=Z,2um,20.0s	70.46 321	IAMs_20	IAMs_20	03 43 42.0				
M60A	Port Jervis baz=328	70.52 45	P	P	03 07 52.3	-1.5			
Q56A	Snyder Ridge, baz=326	70.53 49	P	P	03 07 52.9	-1.0			
Q56A	Snyder Ridge, comp=Z,3um,18.0s	70.53 49	IAMB	IAMB	03 08 16.9				
342A	Flagon Creek P comp=Z,3um,20.0s	70.55 63	IAMs_20	IAMs_20	03 39 16.0				
K63A	Dunstable baz=329	70.58 42	P	P	03 07 53.3	-0.7			
KBZ	Khabaz comp=Z,21nm,0.9s,baz=44,slow=3.3,SNR=4.3	70.58 320	P	S	03 07 53.9	-0.1			
KBZ		S	S	S	03 17 10.2	+3.9			
KBZ	comp=Z,0.5nm,0.4s,baz=15,slow=1.5,SNR=1.5	LR	LR		03 43 20.9				
KBZ	comp=Z,3um,19.1s,baz=34,slow=4.0	LR	LR		03 07 53.7	-0.			

SRO	Srobarova	73.97	339	eP	P	03 08 15.1	+0.8
U61A	Possum Corner	73.98	49	P	P	03 08 14.1	-0.4
bazz=328							
U61A	Possum Corner	73.98	49	IAMs_20	IAMs_20	03 04 20.0	
comp=Z,2um,20.0s							
DOU	Dourbes	74.00	348	P	P	03 08 13.9	-0.5
SRO2	Moca	74.00	338	eP	P	03 08 14.4	0.0
SRO2				pmx	pmx		
comp=Z,2.9nm,1.1s							
SRO2	Moca	74.00	338	eP	P	03 08 14.3	-0.1
CFR	Carcaiu	74.05	331	iP	P	03 08 14.2	-0.5
DOPR	Dopca	74.05	333	iP	P	03 08 15.6	+0.7
154A	Montrose	74.08	56	IAMB	IAMB	03 08 56.6	
BAIF	Baives	74.08	348	eP	P	03 08 14.2	-0.7
BAIF				pmx	pmx		
comp=Z,5.9nm,1.8s							
W59A	Clinton	74.09	51	P	P	03 08 13.8	-1.3
bazz=327							
V60A	Jim Taylor Roa	74.11	50	P	P	03 08 14.1	-1.1
bazz=328							
BUD	Budapest	74.14	338	P	P	03 08 16.6	+1.4
352A	Blakely	74.14	58	IAMs_20	IAMs_20	03 09 25.8	
comp=Z,3um,22.0s							
Y57A	Suntale	74.18	53	P	P	03 08 14.7	-0.9
bazz=327							
MTN	Manton Dam	74.20	216	IAMB	IAMB	03 08 43.8	
comp=Z,1.44nm,1.6s							
X58A	Rowland	74.20	52	P	P	03 08 14.6	-1.2
bazz=327							
X58A	Rowland	74.20	52	IAMs_20	IAMs_20	03 04 32.0	
comp=Z,4um,20.0s							
WLF	Walfordange	74.23	347	P	P	03 08 16.3	+0.6
WLF	Walfordange	74.23	347	eP	P	03 08 16.4	+0.6
comp=Z,2.38nm,2.9s,bazz=15,slow=6.0							
WLF	Walfordange	74.23	347	IAMs_20	IAMs_20	03 04 07.5	
comp=Z,2um,18.0s							
TOPG	Topog	74.26	331	iP	P	03 08 16.1	+0.1
CNCC	Cliffs of the	74.27	50	P	P	03 08 15.6	-0.6
bazz=328							
Z56A	Williston	74.30	54	P	P	03 08 15.3	-1.1
bazz=327							
NEHR	Nehoiu	74.32	332	iP	P	03 08 16.9	+0.6
LHMI	Lhok Sumawe	74.34	256	IAMs_20	IAMs_20	03 04 24.8	
comp=Z,2um,20.0s							
MLR	Muntele Rosu	74.35	333	P	P	03 08 16.4	-0.3
comp=Z,1.1nm,0.7s,bazz=148,slow=0.3,SNR=26							
MLR	Muntele Rosu	74.35	333	iP	P	03 08 16.8	+0.1
MLR	Muntele Rosu	74.35	333	IAMs_20	IAMs_20	03 04 57.3	
comp=Z,3um,21.0s							
CONA	Conrad Observa	74.36	340	iP	P	03 08 17.4	+0.7
comp=Z,9.1nm,0.9s,SNR=43							
V61A	Roper	74.38	49	P	P	03 08 16.1	-0.8
bazz=328							
DYA	Yadsworthly	74.42	354	eP	P	03 08 16.5	-0.4
DYA				IAMB	IAMB	03 08 16.9	
comp=Z,5.5nm,1.2s							
SOP	Sopron	74.46	340	P	P	03 08 18.5	+1.4
W60A	Pink Hill	74.50	50	P	P	03 08 15.4	-2.2
bazz=328							
X59A	McDuffie Farm,	74.52	51	P	P	03 08 16.5	-1.2
bazz=327							
ISR	Istrita	74.54	332	iP	P	03 08 18.4	+0.7
ISR	Istrita	74.54	332	P	P	03 08 18.3	+0.7
BATI	Baumata	74.54	224	P	P	03 08 18.9	+1.0
comp=Z,1.2nm,0.5s,bazz=307,slow=20,SNR=1.4							
S				S	S	03 17 55.8	+3.7
comp=Z,1.5nm,0.4s,bazz=274,slow=14,SNR=1.7							
HARR	Harsova	74.55	331	P	P	03 08 18.0	+0.2
HARR	Harsova	74.55	331	P	P	03 08 17.9	+0.2
Y58A	Scranton	74.60	52	P	P	03 08 17.1	-1.0
bazz=327							
TIRR	Tirgusor	74.63	331	iP	P	03 08 17.7	-0.4
TIRR	Tirgusor	74.63	331	P	P	03 08 17.7	-0.4
TIRR	Tirgusor	74.63	331	P	P	03 08 17.7	-0.4
TIRR	Tirgusor	74.63	331	IAMB	IAMB	03 08 19.3	
comp=Z,1.82nm,1.6s							
VOIR	Voiron	74.63	333	iP	P	03 08 18.9	+0.5
VOIR	Voiron	74.63	333	P	P	03 08 18.8	+0.5
STU	Stuttgart	74.69	345	eP	P	03 08 18.7	+0.3
STU	Stuttgart	74.69	345	P	P	03 08 18.6	+0.1
comp=Z,5.4nm,1.5s,bazz=15,slow=6.0							
SIRR	Siria	74.69	336	iP	P	03 08 19.3	+0.7
MOA	Molin	74.74	341	iP	P	03 08 19.0	+0.2
comp=Z,6.4nm,0.8s,SNR=20							
CCA1	Carmenelles	74.74	355	eP	P	03 08 18.5	-0.2
CCA1				IAMB	IAMB	03 08 22.8	
comp=Z,3.6nm,1.0s							
X60A	Albert Glenn T	74.79	51	P	P	03 08 17.9	-1.3
bazz=328							
ARR	Arges	74.81	333	iP	P	03 08 20.2	+0.9
TIGA	Tifton	74.82	57	P	P	03 08 18.2	-1.3
bazz=326							
V62A	Hyde County Ai	74.84	49	IAMs_20	IAMs_20	03 04 48.9	
comp=Z,3um,21.0s							
Y59A	Loris	74.89	52	P	P	03 08 18.9	-0.9
bazz=327							
Y59A	Loris	74.89	52	IAMs_20	IAMs_20	03 04 52.1	
comp=Z,4um,20.0s							
HYB	Hyderabad	74.94	279	P	P	03 08 17.0	-3.4
HYB				eS	S	03 17 56.0	-0.9
HYBB	Hyderabad (bro	74.94	279	eP	P	03 08 19.6	-0.8
HYBB				IvMB_BB	IvMB_BB	03 08 24.6	
comp=Z,2.88nm,3.0s							
FUR	Furstenfeldbru	74.95	343	eP	P	03 08 20.5	+0.5
comp=Z,6.4nm,1.5s,bazz=15,slow=6.0							
157A	Early Branch	75.01	54	P	P	03 08 18.8	-1.8
bazz=327							
SULR	New Hope	75.02	332	iP	P	03 08 20.1	-0.3
NHSC		75.03	53	P	P	03 08 18.4	-2.3
bazz=327							
ARSA	Arzberg	75.07	340	iS	P	03 08 21.8	+1.1
comp=Z,7.0nm,0.8s,SNR=16							
DIKM	Dikmen	75.08	325	iP	P	03 08 20.7	-0.1
RJOB	Jochberg	75.11	342	eP	P	03 08 20.7	-0.3
comp=Z,3.8nm,1.1s,bazz=15,slow=6.0							
Y60A	Bolivia	75.17	51	P	P	03 08 19.2	-2.2
bazz=328							
Y60A	Bolivia	75.17	51	IAMs_20	IAMs_20	03 04 20.5	
comp=Z,4um,21.0s							
BFO	Black Forest	75.25	345	eP	P	03 08 21.9	+0.2
comp=Z,4.9nm,1.6s,bazz=15,slow=6.0							
BFO	Black Forest	75.25	345	IAMs_20	IAMs_20	03 04 58.5	
comp=Z,2um,22.0s							
PSI	Prapat	75.26	253	P	P	03 08 22.8	+0.5
comp=Z,1.0nm,0.8s,bazz=360,slow=2.0							
CDF	Champ du Feu	75.31	346	eP	P	03 08 21.1	-1.1
CDF				pmx	pmx		
comp=Z,3.6nm,1.5s							
BZS	Buzias	75.32	336	iP	P	03 08 21.8	-0.3
KVT	Kavak	75.32	324	P	P	03 08 22.9	+0.6
Z59A	Georgetown, SC	75.33	52	P	P	03 08 20.1	-2.3
bazz=327							
RPSI	Rantau Prapat	75.35	253	P	P	03 08 22.8	+0.2
RPSI	Rantau Prapat	75.35	253	IAMB	IAMB	03 08 35.1	
comp=Z,8.9nm,1.7s							
ADKI	Addanki	75.40	277	eP	P	03 08 22.5	-0.4
ADKI				IvMB_BB	IvMB_BB	03 08 25.4	
comp=Z,1.59nm,2.2s							
MORH	Mrgy, Hungar	75.42	338	eP	P	03 08 22.1	-0.6
ECH	Echery	75.52	346	P	P	03 08 23.5	+0.2
KLRI	Killari	75.53	281	eP	P	03 08 22.1	-1.7
KLRI				IvMB_BB	IvMB_BB	03 08 29.9	
comp=Z,2.64nm,3.2s							
JSA	Saint Aubin	75.55	353	eP	P	03 08 22.6	-0.7
JSA				IAMB	IAMB	03 08 23.4	
comp=Z,5.6nm,1.2s							
BEHE	Beesehely	75.57	339	eP	P	03 08 24.4	+0.8
UBR	Ueberrut	75.61	344	eP	P	03 08 24.3	+0.5
comp=Z,5.5nm,1.4s,bazz=15,slow=6.0							
KBA	Koelnbreinsper	75.65	342	iS	P	03 08 24.9	+0.7
comp=Z,2.5nm,1.1s,SNR=42							
KBA	Koelnbreinsper	75.65	342	P	P	03 08 25.2	+1.0
BANR	Banloc	75.65	336	P	P	03 08 24.7	+0.7
RETA	Reutte	75.69	344	iP	P	03 08 24.4	+0.1
comp=Z,4.4nm,0.7s,SNR=64							
KOGS	Kog	75.70	340	iP	P	03 08 24.6	+0.3
WATA	Walderaim	75.71	343	iP	P	03 08 24.7	+0.2
comp=Z,9.1nm,0.7s,SNR=16							
SKO	Soboth	75.72	340	iP	P	03 08 25.0	+0.5
comp=Z,6.7nm,0.6s,SNR=39							
PERS	Pernice	75.74	340	iP	P	03 08 25.1	+0.4
PERS				eS	S	03 18 05.3	+0.7
SLE	Schleitheim	75.77	345	P	P	03 08 24.9	+0.2
MOTA	Moosalm	75.78	343	iP	P	03 08 25.0	+0.1
comp=Z,1.4nm,0.9s,SNR=17							

COPA	Copaceanca	75.80	333	iP	P	03 08 24.2	-0.7
SRLM	Srisailam	75.81	278	eP	P	03 08 23.6	-1.7
SRLM				IvMB	IvMB	03 08 27.1	
comp=Z,2.02nm,2.7s							
HERR	Herculane	75.82	335	iP	P	03 08 24.9	-0.1
FLN	La Foliniere	75.83	351	eP	P	03 08 23.6	-1.4
comp=Z,5.4nm,1.4s							
HAU	Haudompre	75.84	347	eP	P	03 08 23.9	-1.2
HAU				pmx	pmx		
comp=Z,4.8nm,1.6s							
SQTA	Sankt Quirin	75.88	343	iP	P	03 08 25.7	+0.2
comp=Z,1.4nm,0.7s,SNR=18							
MOF	Molkenrain	75.88	346	eP	P	03 08 25.5	+0.1
HINF	Hinteralfeld	75.95	346	eP	P	03 08 25.4	-1.4
HINF				pmx	pmx		
comp=Z,6.1nm,2.0s							
KALN	Kalinik	75.96	339	iP	P	03 08 26.2	+0.3
OBKA	Obir	75.97	341	iP	P	03 08 26.4	+0.4
comp=Z,3.6nm,0.9s,SNR=30							
RAZG	Razgrad	75.98	331	iP	P	03 08 25.6	-0.3
MYKA	Terra Mystica	76.03	341	iP	P	03 08 26.5	+0.3
comp=Z,6.4nm,0.9s,SNR=20							
DAVA	Damulova	76.03	344	iP	P	03 08 27.0	+0.7
comp=Z,1.0nm,0.5s,SNR=5.0							
MDVR	Moldovita	76.06	335	iP	P	03 08 26.5	0.0
ABTA	Abfaltersbach	76.11	342	iP	P	03 08 27.0	+0.2
comp=Z,1.3nm,0.9s,SNR=26							
VLAD	Vladia	76.14	333	iP	P	03 08 26.9	+0.1
FETA	Feichten	76.15	343	iP	P	03 08 27.4	+0.4
comp=Z,1.0nm,0.9s,SNR=15							
FRGS	Fruska Gora	76.17	337	eP	P	03 08 26.4	-0.6
ZOU	Zouplan	76.22	342	IAMs_20	IAMs_20	03 04 55.3	
comp=Z,2um,18.0s							
PRED	Cave del Predi	76.22	341	IAMs_20	IAMs_20	03 04 13.4	
comp=Z,2um,20.0s							
GRR	Gorron	76.24	352	eP	P	03 08 26.1	-1.2
GRR				pmx	pmx		
comp=Z,1.04nm,1.7s							
PTJ	Puntjarka	76.28	340	P	P	03 08 27.6	-0.1
CLF	Chambon-Foret	76.30	349	IAMB	IAMB	03 08 29.5	
comp=Z,1.02nm,1.4s							
CLF				IAMs_20	IAMs_20	03 04 34.3	
comp=Z,2um,21.0s							
PKDS	Podkum	76.32	340	iP	P	03 08 27.8	-0.1
ZAG	Zagreb	76.35	340	eP	P	03 08 28.0	0.0
CADG	Cadrag	76.40	341	iP	P	03 08 27.7	-0.6
MOSL	Moslavina	76.40	339	iP	P	03 08 28.5	+0.2
LOMP	Loma Luka	76.41	346	eP	P	03 08 29.9	+0.4
LJU	Ljubljana	76.42	341	iP	P	03 08 28.1	-0.3
LJU				eS	S	03 18 09.8	-2.6
LJU				eSS	SS	03 23 08.6	+3.0
LJU	Ljubljana	76.42	341	eP	P	03 08 28.7	-1.7
CRFS	Cresnevi	76.45	340	eP	P	03 08 27.5	-1.1
ROSF	Roostren	76.47	353	eP	P	03 08 27.6	-1.0
ROSF				pmx	pmx		
comp=Z,4.9nm,1.4s							
SGMF	Saint Gilles	76.50	353	eP	P		

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PCAS Casimiro, ES17 SONSECA Array, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ECHF Ech Chief, EYHA Ech Chief, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like EPOB Pobl, EPOB Pobl, etc.

3d 4h

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Table with columns: YBH, YBH, Yreka Blue Hor, 40.42, 81, P, P, 04 51 09.5 +0.4, 04 51 11.6, SC2Z, comp=Z,38nm,0.6s, Santa Cruz Isl, 47.16, 87, P, P, 04 52 03.5 +0.6, N23A, Red Feather La, 50.97, 71, P, P, 04 52 31.7 -0.5

Table with columns: SC2Z, comp=Z,38nm,0.6s, Santa Cruz Isl, 47.16, 87, P, P, 04 52 03.5 +0.6, N23A, Red Feather La, 50.97, 71, P, P, 04 52 31.7 -0.5

Table with columns: N23A, Red Feather La, 50.97, 71, P, P, 04 52 31.7 -0.5, N23A, Red Feather La, 50.97, 71, IAMB, IAMB, 04 52 33.6, WHN, Wuhan, 50.98, 271, P, P, 04 52 32.5 +0.4

3d 5h

PLWZ	Paliser	5.02 197	P	Pn	04 57 35.5	-1.1
TUWZ	Tuamarina	5.29 207	P	Pn	04 57 38.9	-0.9
NNZ	Nelson	5.33 212	P	Pn	04 57 39.3	-1.1
QRZ	Quartz Range	5.44 220	P	Pn	04 57 39.9	-1.7
THZ	Thouhouse	5.49 212	P	Pn	04 57 47.1	-1.4
KHZ	Kahutara	6.30 205	P	Pn	04 57 51.4	-0.8

SOF 03 05:04:39.9, 39.90N, 28.20E, h8km, MD4.5
 ATH 03 05:04:44.3, 40.19N, 27.89E, h12km, ML4.3/14, Error
 ellipse: s-maj=2.6km s-min=1.2km az=61.0

IDC 03 05:04:45.4, 40.7, 40.28N, 28.07E, h0km, mb4.1/19,
 mb1 4.1/29, mb1mx4.0/61, mb1mp4.1/29, ML3.7/11, MS3.1/4,
 M51 3.2/4, ms1mx2.8/47, Error ellipse: s-maj=1.33km
 s-min=0.9km az=32.0

MOS 03 05:04:45.0, 1.0, 40.25N, 28.03E, h13km, mb4.5/20, Error
 ellipse: s-maj=4.1km s-min=3.0km az=99.3

ISK 03 05:04:46.1, 40.21N, 27.93E, h12km, ML4.5/4,
 NEIC 03 05:04:46.4, 1.6, 40.21N, 0.05, 27.91E, 0.06, h12km, 4km,
 Error ellipse: s-maj=7.5km s-min=6.2km az=50.0

MED_RC 03 05:04:46.0, 40.28N, 27.99E, h21km, 3km, MW4.5/11,
 Moment Tensor Solution. Mantle waves: s11, c13;
 Duration: 1s0 Moment tensor. Scale 10¹⁵Nm;
 M₁: 2.98±2.22; M₂: 2.17±1.40; M₃: 0.81±1.23;
 M₄: 1.71±1.13; M₅: 0.52±.46; M₆: 1.69±1.51; Best double
 couple: M₆: 5.20000°; NP1: 150.00000°; 363.00000°;
 729.00000°; NP2: 86.00000°; 865.00000°; 150.00000°;
 Principal axes: T = 5.9900, P1g39.0000°, Azm148.0000°; N
 1.0700, P1g51.0000°, Azm230.0000°; P = 7.0600,
 P1g1.0000°, Azm139.0000°; nsta1 refers to body waves.
 nsta2 refers to surface waves, cutoff=35s.

DDA 03 05:04:46.0, 40.19N, 27.92E, h12km, 1km, MW4.5
 NEIC 03 05:04:46.5, 40.25N, 27.95E, h15km, Moment Tensor
 Solution. Moment tensor. Scale 10¹⁵Nm; M₁: 1.70;
 M₂: 4.71; M₃: 3.01; M₄: 2.93; M₅: 6.75; M₆: 0.54; Fault
 plane solution: M₈: 46.0000°; NP1: 150.0000°;
 385.19000°; 157.63000°; NP2: 164.72000°;
 367.71000°; 15.20000°; Principal axes: T 9.1105,
 P1g12.0000°, Azm299.0000°; N = 1.5095, P1g67.0000°;
 Azm263.0000°; P = 7.5010, P1g19.0000°; Azm123.0000°;

THE 03 05:04:47.5, 40.22N, 27.96E, h14km, 2km, ML4.5/12, Error
 ellipse: s-maj=2.0km s-min=0.8km az=81.0

ISC 03 05:04:46.3, 0.8, 40.21N, 0.01, 27.96E, 0.01, h13km, 5km,
 n514, c1928/595, mb4.3/45, MS3.8/4, 42C-34D, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
EDC	Edincik	0.15	331	Op	ISC	
EDC	Edincik	0.15	331	PG	05 04 50.3	+0.3
EDC	Edincik	0.15	331	SG	05 04 50.2	+0.2
EDC	Edincik	0.15	331	Pg	05 04 50.3	+0.3
GONE	Gonen-Balikesi	0.27	232	PG	05 04 51.8	+0.1
GONE	Gonen-Balikesi	0.27	232	SG	05 04 55.9	+0.2
GONE	Gonen-Balikesi	0.27	232	Pg	05 04 52.1	+0.1
KCTX	Karacabey (Bur	0.31	180	PG	05 04 53.1	-0.7
KCTX	Karacabey (Bur	0.31	180	Pb	05 04 53.1	-0.7
KNL	Balikesisir	0.34	280	Op	05 04 53.0	-0.2
KNL	Balikesisir	0.34	280	IS	05 04 57.7	0.0
KNL	Balikesisir	0.34	280	IAML	05 05 01.0	

KNL	comp=N,29µm,0.4s					
KNL	IAML				05 05 02.0	

MRMT	Marmara Adasi	0.48	325	PG	Pg	05 04 55.9	+0.1
MRMT	Marmara Adasi	0.48	325	PG	Pg	05 04 56.0	+0.1
BALY	Balya	0.54	209	Op	05 04 53.1	-0.2	
BALY	Balya	0.54	209	IS	05 05 04.3	+0.2	

BALB	Balikesisir	0.58	186	PG	Pg	05 04 57.5	-0.1
BALB	Balikesisir	0.58	186	SG	Sg	05 05 05.4	-1.0
BALB	Balikesisir	0.58	186	Pb	Pb	05 04 57.8	-0.5
MDNY	Mudanya-Bursa	0.72	77	PG	Pg	05 05 02.0	-0.3
DURS	Dursunbey	0.73	147	Op	05 05 05.0	0.0	
DURS	Dursunbey	0.73	147	IS	Sb	05 05 10.5	-0.4
DURS	Dursunbey	0.73	147	IAML		05 05 12.0	

DURS	comp=N,12µm,0.4s					05 05 14.0	
DURS	IAML						

ORLY	Orhanelli	0.74	103	PG	Pb	05 05 01.1	0.0
ORKT	Sarkoy-Tekirda	0.76	309	PG	Pg	05 05 00.2	-0.9
SART	Tekirdag	0.76	309	Op	05 05 00.9	-0.3	
SART	Tekirdag	0.76	309	IS	Sn	05 05 14.1	-0.3
SART	Tekirdag	0.76	309	IAML		05 05 15.0	

ARMT	Armutlu	0.77	63	PG	Pb	05 05 01.5	-0.2
BOTS	Marmara Eregli	0.78	1	PG	Pb	05 05 02.9	-0.1
DST	Dursunbey	0.79	140	PG	Pb	05 05 01.5	-0.5
DST	Dursunbey	0.79	140	PG	Pb	05 05 04.8	-0.9
TKR	Tekirdag	0.84	338	PG	Pb	05 05 03.1	+0.3
ULDT	Uludag	0.90	94	Op	Pg	05 05 03.4	-0.5
ULDT	Uludag	0.90	94	IS	Sn	05 05 16.8	-1.2
ULDT	Uludag	0.90	94	IAML		05 05 18.2	-0.0

CRLL	Corlu	0.93	350	PG	Pn	05 05 05.2	0.0
LPK	Lapseki	0.93	280	PG	Pg	05 05 03.5	-0.8
YKBL	Yakuplu-Istanb	0.94	35	PG	Pb	05 05 05.2	-0.4
GEMT	Gemlik	0.96	76	PG	Pb	05 05 05.2	-0.4
AVCI	Avclar-Istanb	0.97	36	PG	Pb	05 05 05.7	-0.1
ELBA	Catalca	1.00	21	Op	Pb	05 05 05.5	0.0
ELBA	Catalca	1.00	21	IS	Sn	05 05 19.9	-0.2
HVHR	Bakirkoy-Istan	1.01	41	PG	Pb	05 05 06.5	+0.2
SIHRV	Sihrvi	1.03	11	PG	Pb	05 05 06.5	0.0
BUY	Buyukada	1.09	54	Op	Pb	05 05 07.2	-0.2
BUY	Buyukada	1.09	54	IS	Sn	05 05 22.7	+0.4
BUY	Buyukada	1.09	54	IAML		05 05 25.0	

BUY	comp=E,8µm,0.8s					05 05 26.0	
BUY	IAML						

CTKS	Kestanelik-??a	1.10	22	PN	Pg	05 05 07.3	-0.3
BGKT	Bogazkoy	1.15	32	PN	Pb	05 05 07.9	-0.2
GELI	Tayfur-Gelibol	1.15	280	PN	Pb	05 05 07.5	-0.6
KESN	Edirne-Kesan	1.15	303	Op	Pb	05 05 07.8	-0.3
KESN	Edirne-Kesan	1.15	303	IS	Sg	05 05 23.7	+0.1
KESN	Edirne-Kesan	1.15	303	IAML		05 05 27.0	

UZLU	Tuzla-Istanbul	1.16	59	PN	Pg	05 05 08.9	+0.2
YLWH	Yatov	1.18	65	PN	Pb	05 05 08.2	+0.2
BAYC	CANAKKALE_Bayr	1.18	247	Op	Pb	05 05 07.6	-1.1
BAYC	CANAKKALE_Bayr	1.18	247	IS	Sb	05 05 22.9	-1.0
BAYC	CANAKKALE_Bayr	1.18	247	IAML		05 05 25.0	

BAYC	comp=N,7µm,0.7s					05 05 25.0	
BAYC	IAML						

KAVV	Kandilli-Istan	1.19	44	PN	Pb	05 05 08.7	-0.1
ISK	Istanbul-Kandi	1.19	44	P	Pn	05 05 08.4	-0.3
ISK	Istanbul-Kandi	1.19	44	S	Sn	05 05 24.8	-0.1

ISK	comp=E,16µm,0.6s					05 05 08.5	-0.3
ISK	Istanbul-Kandi	1.19	44	PN	Pn	05 05 08.4	-0.3
ISK	Istanbul-Kandi	1.19	44	P	Pn	05 05 24.8	-0.1
ISK	Istanbul-Kandi	1.19	44	S	Sn	05 05 24.8	-0.1

ERIK	Erikli-Kesan	1.20	293	PN	Pb	05 05 08.5	-0.3
LAF	Geche-Kocaeli	1.20	62	PN	Pb	05 05 08.5	+0.1
CTYL	Yalikoy Yolu	1.28	11	PN	Pb	05 05 10.6	-0.5
DEMI	Demirci	1.31	153	Op	Pg	05 05 10.8	-0.7
DEMI	Demirci	1.31	153	IS	Sg	05 05 28.3	-0.2
DEMI	Demirci	1.31	153	IAML		05 05 30.0	

DEMI	comp=N,12µm,0.6s					05 05 33.0	
DEMI	IAML						

EZN	Ezine	1.31	253	P	Sb	05 05 10.4	0.0
EZN	Ezine	1.31	253	S	Sb	05 05 27.1	-0.5

EZN	comp=E,13µm,0.5s					05 05 10.5	0.0
EZN	Ezine	1.31	253	PN	Pn	05 05 10.4	0.0
EZN	Ezine	1.31	253	P	Sb	05 05 27.1	-0.5
EZN	Ezine	1.31	253	S	Sb	05 05 27.1	-0.5

KLVT	Kilyos	1.32	38	PN	Pb	05 05 10.8	-0.3
AYVA	Ayvalik	1.33	228	Op	Pb	05 05 10.3	-0.4
AYVA	Ayvalik	1.33	228	IS	Sg	05 05 28.5	-0.8
AYVA	Ayvalik	1.33	228	IAML		05 05 32.0	

AYVA	comp=N,14µm,0.5s					05 05 32.0	
AYVA	IAML						

AKHS	Akhisar	1.34	185	Op	Pg	05 05 10.6	-0.1
AKHS	Akhisar	1.34	185	IS	Sg	05 05 28.7	-0.7
AKHS	Akhisar	1.34	185	IAML		05 05 31.0	

AKS	Akhisar	1.34	185	PN	Pb	05 05 10.9	-0.4
SMAA	Simav-Kutahya	1.36	144	PN	Pb	05 05 11.6	-0.2
UKOP	Uzunkopru-Edir	1.36	313	PN	Pb	05 05 11.7	0.0
ADVT	Abdulvahap	1.38	80	PN	Pb	05 05 11.7	-0.3
SIMA	Simav-Kutahya	1.38	145	PN	Pb	05 05 11.9	-0.1
TVSB	Tavsanli	1.39	123	PN	Pb	05 05 12.2	-0.8

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DKL	Dikili	1.40	216	PN	Pn	05 05 11.6	0.0
ZEDA	zmir-Bergama	1.42	209	Op	Pb	05 05 11.6	-0.2
ZEDA	zmir-Bergama	1.42	209	IS	Sb	05 05 30.3	-0.4
ZEDA	zmir-Bergama	1.42	209	IAML		05 05 36.0	

comp=N,8µm,0.8s						05 05 37.0	
HRT	Hereke	1.44	64	PN	Pn	05 05 12.1	-0.1
HRT	Hereke	1.44	64	PN	Pb	05 05 12.1	-0.1
GAV	Gavusky	1.44	90	PN	Pb	05 05 12.8	-0.3
PHSR	Pinarhisar	1.45	347	PN	Pb	05 05 12.5	+0.1
ENEZ	Enez	1.47	291	S	Sn	05 05 12.9	+0.3
ENEZ	Enez	1.47	291	S	Sn	05 05 31.4	-0.4

comp=N,18µm,0.6s						05 05 12.9	+0.3
ENEZ	Enez	1.47	291	PN	Pn	05 05 12.9	+0.3
GOM	Golmarmara-Man	1.50	181	PN	Pb	05 05 13.7	-0.4
BOZC	Bozcaada	1.51	256	PN	Pb	05 05 13.9	-0.3
BOZC	Bozcaada	1.51	256	IS	Sg	05 05 13.0	-0.2
BOZC	Bozcaada	1.51	256	IS	Sg	05 05 34.0	-1.0
BOZC	Bozcaada	1.51	256	IAML		05 05 36.0	

comp=N,13µm,0.4s						05 05 14.4	-0.4
SHAP	Saphane-Kutahya	1.54	140	PN	Pb	05 05 14.4	-0.4
GOKA	anakkale-Gut	1.57	270	Op	Pb	05 05 14.3	+0.3
GOKA	anakkale-Gut	1.57	270	IS	Sg	05 05 36.5	-0.4
GOKA	anakkale-Gut	1.57	270	IS	Sg	05 05 42.1	+0.1
GADA	Gvigeada	1.58	270	P	Sn	05 05 34.5	+0.1

comp=N,27µm,0.6s						05 05 13.9	-0.2
GADA	Gvigeada	1.58	270	PN	Pn	05 05 13.9	-0.2
SILT	Sile	1.59	53	PN	Pn	05 05 14.4	-0.2
ALN	Alexandroupoli</						

ICOR	Ion Corvin	3.90 358	↑P	Pn	05 05 47.0 +1.0
ICOR	Ion Corvin	3.90 358		Pn	05 05 47.0 +1.0
ZIMR		3.95 331	↓P	Pn	05 05 47.8 +1.2
ZIMR		3.95 331		Pn	05 05 47.8 +1.2
ZIMR		3.95 331		Pn	05 05 47.8 +1.2
KNT	Kendrikon	3.96 285	P	Pn	05 05 47.4 +0.5
ARG	Arkhangelos	3.99 178	P	Pn	05 05 48.0 +0.7
ARG	Arkhangelos	3.99 178	P	Pn	05 05 50.0 +2.7
KKB	Krupnik	4.04 296	i/P	Pn	05 05 48.4 +0.4
VAY	Valandov	4.24 287	P	Pn	05 05 53.3 +2.6
KSL	Kastelhorizon	4.25 182	P	Pn	05 05 51.6 +0.7
TIRR	Tirgusor	4.26 4	↓P	Pn	05 05 51.6 +0.7
TIRR	Tirgusor	4.26 4	P	Pn	05 05 51.1 +0.2
TIRR	Tirgusor	4.26 4	Pn	Pn	05 05 51.1 +0.2
THR	Tirgusor	4.26 4	P	Pn	05 05 51.6 +0.7
SGRR	Singureni	4.27 340	↓P	Pn	05 05 52.3 +1.2
SGRR	Singureni	4.27 340		Pn	05 05 52.3 +1.2
VTS	Vitosh	4.29 306	↑P	Pn	05 05 52.2 +0.7
VTS	Vitosh	4.29 306	↑P	Pn	05 05 52.6 +1.1
VTS	Vitosh	4.29 306		Pn	05 05 52.2 +0.7
SANT	Santorini	4.31 208	Sn	Sn	05 06 40.0 -1.4
TLBR	Topalu	4.33 1	↓P	Pn	05 05 52.6 +0.8
BR131	Keskin Array S	4.39 95	Pn	Pn	05 05 53.6 +0.7
BR131	Keskin Array S	4.39 95	Pn	Pn	05 05 53.6 +0.7
BRTR	Keskin Array B	4.39 95	Pn	Pn	05 05 53.8 +0.8
BRTR	comp=N,5.6nm,0.3s,baz=261,slow=10.0,SNR=193			Pg	05 06 09.5 -0.9
BRTR	comp=N,20nm,0.3s,baz=273,slow=16.0,SNR=82			Lg	05 07 08.3
BRTR	comp=N,9.8nm,0.3s,baz=270,slow=30.0,SNR=35			Lg	05 07 08.3
BRTR	Keskin Array B	4.39 95	i/P	Pn	05 05 53.7 +0.8
BRTR	comp=Z,9.0nm,0.3s			Pmax	
COPA	Copaceana	4.42 333	↓P	Pn	05 05 54.0 +0.9
COPA	Copaceana	4.42 333		Pn	05 05 54.0 +0.9
LTK	Loutraki	4.45 231	P	Pn	05 05 54.0 +0.9
ILGA	Ilgaz	4.46 77	P	Pn	05 05 55.0 +1.1
HARR	Harsova	4.47 360	↓P	Pn	05 05 54.5 +0.7
HARR	Harsova	4.47 360	P	Pn	05 05 54.5 +0.7
HARR	Harsova	4.47 360	P	Pn	05 05 54.5 +0.7
AGG	Agios Georgios	4.51 257	P	Pn	05 05 54.6 +0.2
AGG	Agios Georgios	4.51 257	Pn	Pn	05 05 54.6 +0.2
DID	Didima	4.57 235	P	Pn	05 05 53.0 0.0
STIP	Stip	4.62 291	i/Pn	Pn	05 05 54.2 -1.6
VLAD	Vladia	4.62 326	↓P	Pn	05 05 57.5 +1.7
VLAD	Vladia	4.62 326		Pn	05 05 57.5 +1.7
KFRP	Karpathos	4.70 188	Pn	Sn	05 05 53.4 +1.9
KFRP	Karpathos	4.70 188	Pn	Sn	05 05 53.4 +1.9
KZN	Kozani	4.74 273	P	Pn	05 06 00.1 +2.5
BZK	Bozkurt	4.89 67	↓P	Pn	05 06 01.2 +1.6
BZK	Bozkurt	4.89 67		Pn	05 06 01.1 +1.6
CFR	Carcaliu	4.96 1	↓P	Pn	05 06 00.8 +0.2
CFR	Carcaliu	4.96 1	P	Pn	05 06 00.8 +0.2
CFR	Carcaliu	4.96 1	P	Pn	05 06 00.8 +0.2
TLCR	TLCR	5.01 7	↓P	Pn	05 06 02.4 +1.2
TLCR	TLCR	5.01 7	↓P	Pn	05 06 02.4 +1.2
TLCR	TLCR	5.01 7	P	Pn	05 06 02.4 +1.2
ISR	Istrita	5.01 348	↑P	Pn	05 06 03.5 +2.2
ISR	Istrita	5.01 348		Pn	05 06 03.5 +2.2
ISR	Istrita	5.01 348		Pn	05 06 03.5 +2.2
SECR	Secr	5.02 344	↑P	Pn	05 06 01.7 +0.4
SECR	Secr	5.02 344	↑P	Pn	05 06 01.8 +0.4
NEHR	Nehou	5.35 347	↑P	Pn	05 06 08.2 +2.2
BISR	Bisoca	5.41 351	↑P	Pn	05 06 09.2 +2.4
BISR	Bisoca	5.41 351		Pn	05 06 09.2 +2.4
MTUR	Matau	5.45 338	↓P	Pn	05 06 08.6 +1.3
MTUR	Matau	5.45 338		Pn	05 06 08.6 +1.3
MTUR	Matau	5.45 338		Pn	05 06 08.6 +1.3
MLR	Muntele Rosu	5.48 345	↑P	Pn	05 06 08.9 +1.1
MLR	comp=Z,1.1nm,0.3s,baz=189,slow=1.3,SNR=180			Lg	05 07 44.1
MLR	comp=Z,6.7nm,0.3s,baz=99,slow=23,SNR=5.6			Lg	05 07 44.1
MLR	Muntele Rosu	5.48 345	↑P	Pn	05 06 10.2 +2.4
MLR	Muntele Rosu	5.48 345	↑P	Pn	05 06 10.2 +2.4
IDI	Anoia	5.49 207	↑P	Pn	05 06 09.3 +1.5
IDI	comp=Z,1.4nm,0.3s,baz=46,slow=15,SNR=8.6			Lg	05 07 48.2
IDI	comp=Z,1.3nm,0.3s,baz=46,slow=3.4,SNR=3.5			LR	05 08 28.8
IDI	comp=Z,286nm,19.7s,baz=287,slow=40			LR	05 08 28.8
IDI	Anoia	5.49 207	↑P	Pn	05 06 07.7 -0.2
ODBI	Odobesti	5.59 353	↓P	Pn	05 06 11.4 +2.3
ODBI	Odobesti	5.59 353		Pn	05 06 11.4 +2.3
ITM	Ithomi	5.61 339	↑Pn	Pn	05 06 11.1 +1.6
VOIR	Voira	5.64 339	P	Pn	05 06 11.3 +1.3
VOIR	Voira	5.64 339	P	Pn	05 06 11.3 +1.3
SRE	Strehaia	5.67 323	↑P	Pn	05 06 11.9 +1.6
SRE	Strehaia	5.67 323	↑P	Pn	05 06 11.9 +1.6
SRE	Strehaia	5.67 323		Pn	05 06 11.9 +1.6
VARL	Varietzi	5.68 359	↑P	Pn	05 06 12.7 +2.2
DIKM	Dikmen	5.71 73	↑P	Pn	05 06 12.0 +1.1
DIKM	Dikmen	5.71 73		Pn	05 06 12.0 +1.1
PLOR	Plostina	5.72 351	↓P	Pn	05 06 12.9 +1.9
PLOR	Plostina	5.72 351	↓P	Pn	05 06 12.9 +1.9
VRI	Vrincioaia	5.72 351	↑P	Pn	05 06 12.5 +1.5
VRI	Vrincioaia	5.72 351		Pn	05 06 12.6 +1.5
VRI	Vrincioaia	5.72 351		Pn	05 06 12.6 +1.5
SEV	Sevastopol'	6.05 421	eP	Sn	05 06 14.8 -0.7
SEV	Sevastopol'	6.05 421	eP	Sn	05 06 14.8 -0.7
DOPR	Dopca	6.05 343	↓P	Pn	05 06 17.1 +1.5
DOPR	Dopca	6.05 343		Pn	05 06 17.1 +1.5
OZUR	Ozur	6.09 346	↑P	Pn	05 06 17.5 +1.4
OZUR	Ozur	6.09 346		Pn	05 06 17.5 +1.4
HERRR	Herculane	6.21 321	↑P	Pn	05 06 17.3 -0.3
HERRR	Herculane	6.21 321		Pn	05 06 17.3 -0.3
TIR	Tirane	6.25 283	P	Pn	05 06 17.7 -0.6
TIR	Tirane	6.25 283	Pn	Pn	05 06 17.7 -0.6
YAL	Yalta	6.27 451	eP	Sn	05 06 18.0 -0.5
YAL	Yalta	6.27 451	eP	Sn	05 06 18.0 -0.5
TESR	Tescani	6.37 352	↑P	Pn	05 06 20.8 +0.9
TESR	Tescani	6.37 352	↑P	Pn	05 06 20.8 +0.9
LEF	Lefka	6.41 141	↑P	Pn	05 06 19.4 -1.1
LEF	Lefka	6.41 141		Pn	05 06 19.4 -1.1
VASR	Vaslui	6.43 359	↓P	Pn	05 06 21.8 +1.1
MDB	Medias	6.48 337	↓P	Pn	05 06 23.5 +2.1
MDB	Medias	6.48 337		Pn	05 06 23.5 +2.1
MDB	Medias	6.48 337		Pn	05 06 23.5 +2.1
MDVR	Moldovita	6.49 317	↓P	Pn	05 06 21.6 -0.1
MDVR	Moldovita	6.49 317		Pn	05 06 21.6 -0.1
ALU	Alushta	6.53 451	eP	Sn	05 06 22.5 +0.4
ALU	Alushta	6.53 451	eP	Sn	05 06 22.5 +0.4
SIM	Simferopol'	6.56 42	eP	Sn	05 06 23.6 +1.1
SIM	Simferopol'	6.56 42	eP	Sn	05 06 23.6 +1.1
SIM	comp=Z,274nm,0.4s			Pmax	
SIM	comp=N,90nm,0.7s			Smax	
MILM	Milestii Mici	6.73 5	↑P	Pn	05 06 25.5 +0.7
MILM	Milestii Mici	6.73 5		Pn	05 06 25.5 +0.7
DEV	Deva	6.75 339	Pn	Pn	05 06 24.6 -0.7
DEV	Deva	6.77 329	↑P	Pn	05 06 27.0 +1.6
DEV	Deva	6.77 329		Pn	05 06 27.0 +1.6
KIS	Kishinev	6.81 5	eP	Sn	05 06 27.0 +1.1
KIS	Kishinev	6.81 5	eP	Sn	05 06 27.0 +1.1
KIS	Kishinev	6.81 5	eP	Sn	05 07 56.0 -1.0
KIS	Kishinev	6.81 5	eLR	Sn	05 09 05.0
BIZ	Bicaz	6.86 349	↑P	Pn	05 06 28.3 +1.7
BIZ	Bicaz	6.86 349		Pn	05 06 28.3 +1.7
DRME	Dracevica, Mon	6.91 289	ePn	Pn	05 06 30.1 +2.8
PDG	Podgorica	6.92 292	↑P	Pn	05 06 28.4 +1.0
PDG	Podgorica	6.92 292	ePn	Pn	05 06 29.6 +2.2
PDG	Podgorica	6.92 292	eP	Pn	05 06 29.6 +2.2
SUDU	Sudak	6.99 46	↓P	Pn	05 06 28.2 -0.2
SUDU	Sudak	6.99 46	eS	Sn	05 07 46.3 -1.4
DIVS	Divibare	7.08 306	ePn	Pn	05 06 29.7 0.0
DIVS	Divibare	7.08 306	Pn	Pn	05 06 29.7 0.0
BZS	Buzias	7.13 321	↑P	Pn	05 06 30.0 -0.1
BZS	Buzias	7.13 321		Pn	05 06 30.3 -0.1
BZS	Buzias	7.13 321		Pn	05 06 30.3 -0.1
SCTE	Santa Cesarea	7.28 272	Pn	Pn	05 06 31.7 -0.6
BBLći	Lazići	7.34 303	↑P	Pn	05 06 34.1 +0.8
ARCR	ARCALIA	7.35 340	↑P	Pn	05 06 34.1 +0.7
ARCR	ARCALIA	7.35 340		Pn	05 06 34.1 +0.7
UPN	Ucin-Piva	7.40 297	eP	Pn	05 06 35.9 +1.6
HCM	Herceg Novi	7.47 290	ePn	Pn	05 06 39.0 +4.0

BRY	Bratogost	7.56 294	ePn	Pn	05 06 39.6 +3.2
SIRR	Siria	7.60 325	↑P	Pn	05 06 37.3 +0.5
SIRR	Siria	7.60 325		Pn	05 06 37.3 +0.5
TREB	Trebinje	7.64 292	ePn	Pn	05 06 40.7 +3.4
BURAR	Bucovina Array	7.66 346	↓P	Pn	05 06 39.4 +1.7
BURAR	Bucovina Array	7.66 346		Pn	05 06 39.4 +1.7
BURAR	Bucovina Array	7.66 346		Pn	05 06 39.4 +1.7
BUR08	Bucovina Ar. S	7.69 346	Pn	Pn	05 06 39.7 +1.5
HAPS	Han Pijesak, BI	7.73 303	ePn	Pn	05 06 38.6 -0.1
DBRC	Dubrovnik	7.77 292	eP	Pn	05 06 44.7 +5.6
FRGS	Fruska Gora	7.77 312	ePn	Pn	05 06 39.5 +0.3
KAS	Kastel	8.12 338	P	Pn	05 06 42.3 +1.3
BMR	Baia Mare	8.12 338	P	Pn	05 06 45.2 +1.3
BMR	Baia Mare	8.12 338	P	Pn	05 06 45.2 +1.3
STON	Ston	8.14 292	eP	Pn	05 06 45.6 +2.3
STON	Ston	8.14 292	eP	Pn	05 06 45.9 +1.7
ANN	Anapa	8.36 54	eS	Sn	05 08 17.2 -4.3
ANN	comp=Z,14nm,0.5s			Pmax	
TIP	Timpagrande	8.70 267	Pn	Pn	05 06 50.3 -1.6
RICI	Ricice	8.72 262	↑P	Pn	05 06 54.3 +2.2
TRPA	Trpa	8.82 336	↑P	Pn	05 06 53.3 0.0
TRPA	Trpa	8.82 336		Pn	05 06 53.5 0.0
UZH	Uzhgorod	9.34 336	eP	Pn	05 07 01.6 +1.0
UZH	Uzhgorod	9.34 336	eS	Sn	05 08 46.2 +0.8
MZAI	Mount Meron Ar	9.35 138	Pn	Pn	05 07 01.6 +0.8
SGRT	San Giovanni R	9.37 283	Pn	Pn	05 07 00.5 -0.7
KJVJ	Kijevo	9.38 298	eP	Pn	05 07 04.5 +3.2
CEL	Celeste	9.56 262	Pn	Pn	05 07 01.9 -1.9
PSZ	Piskesteto	9.64 326	Pn	Pn	05 07 03.7 -1.1
PSZ	Piskesteto	9.64 326	Pn	Pn	05 07 03.7 -1.1
ZIRJ	Zirj	9.80 295	eP	Pn	05 07 08.7 +1.8
MORI	Morici	9.82 296	eP	Pn	05 07 09.7 +2.5
KWP	Kalwarja Pacla	10.12 340	Pn	Pn	05 07 12.0 +0.6
KWP	Kalwarja Pacla	10.12 340	Pn	Pn	05 07 12.0 +0.6
PAOL	Paolis	10.22 279	Pn	Pn	05 07 13.3 +0.6
DUGI	Dugi Otok	10.30 296	eP	Pn	05 07 15.1 -1.7
AKASG	Main Array Be	10.53 4	Pn	Pn	05 07 19.1 -1.7
AKASG	comp=Z,4.8nm,0.3s,baz=192,slow=12,SNR=23			Sn	05 09 19.7 +5.2
AKASG	comp=Z,2.5nm,0.3s,baz=191,slow=24,SNR=6.9			Lg	05 10 21.3
AKB	Malin Array Si	10.53 4	P	Pn	05 07 15.9 -0.9
AKB	Malin Array Si	10.53 4	P	Pn	05 07 15.9 -0.9
NVLJ	Novajia	10.61 296	eP	Pn	05 07 20.7 +2.7
NIE	Niedzica	10.69 332	Pmax	Pmax	05 07 21.8 +2.7
NIE	Niedzica	10.69 332	Pmax	Pmax	05 07 21.8 +2.7
INTR	Introdacquia	10.76 284	Pn	Pn	05 07 19.6 -0.5
ASF	Jabal al Astar	10.79 135	P		

Table with columns: Code, Station Name, Az, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like UPC, TIRR, DPC, HARR, BRG, etc.

Station information and coordinates:
IDC 03 07:58:27.5s, 1.0, 23.93N, 122.44E, h0km, mb3.8/7, ...
JMA 03 07:58:31.3s, 0.2, 23.92N, 122.48E, h22km, 4km, M3.4, ...

Main table of seismic events with columns: Code, Station Name, Az, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NACB, NACB, ENA, TWC, etc.

Main table of seismic events with columns: Code, Station Name, Az, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NSTT, TWS1, ANP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Verde Repeater, Harding Lake, Independent Ri, Mentasta, Tatalina, etc.

MOS 03 08:27:45.0z 1.7, 43.09N, 47.76E, h11km, mb3.9/1, Error ellipse: s-maj=9.2km s-min=7.1km az=46.4

MOS FELT (III) at Kaspiysk DRS 03 08:27:45.0z 0.43, 01N, 47.81E, h12km

NORS 03 08:27:46.9z 0.0, 42.86N, 47.63E, h9km, MPVA3.7, 7C-6D, FELT Islll MSK at Kaspiysk, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Makhachkala, Buynaksk, Arakani, Dubki, GNB, etc.

Table with columns: ANN, comp-Z, pmax, pmax. Includes stations like OBN Obninsk, OBN Obn, OBN Obn, ARU Arti, etc.

IDC 03 08:35:23.5z 2.8, 30.17S, 177.01W, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.6/22, mbtm3.8/2, Error ellipse: s-maj=55.6km s-min=44.7km az=84.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B.

IDC 03 08:35:47.7z 1.1, 30.24S, 176.83W, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.9/22, mbtm4.0/5, MS3.5/1, M31 3.5/1, ms1mx3.0/22, Error ellipse: s-maj=30.7km s-min=22.7km az=45.0

NEIC 03 08:35:53.0z 1.1, 30.2S, 0.1x177.0W, 0.2, h3km, 6km, mb4.5/5, Error ellipse: s-maj=28.7km s-min=12.3km az=49.0

ISC 03 08:35:50.1z 1.0, 30.30S, 0.1x176.8W, 0.1, h24km, n18, c189/18, mb4.2/8, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, TUW Tuamarina, DZM Mont Dzumac, RAR Rarotonga, CTAO Charters Tower, STKA Stephens Creek, etc.

IDC 03 08:35:50.7z 2.9, 54.24N, 87.26E, h0km, mb1 3.0/2, mb1mx2.9/38, mbtm3.0/2, ML2 5/2, Error ellipse: s-maj=25.0km s-min=18.7km az=41.0

ISC 03 08:35:52.6z 5.1, 54.4N, 0.3x87.0E, 0.2, h10km, n5, c1943/4, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, ZALV Khabez, KURBB Kurchatov Arra, etc.

UCR 03 09:03:18.9z 1.7, 8.52N, 82.98W, h25km, 3km, MD3.5 UPA 03 09:03:19.3z 2.8, 8.59N, 82.96W, h20km, 9km, MM3.5

ISC 03 09:03:19.5z 1.0, 8.58N, 0.03x82.95W, 0.03, h33km, 3km, n26, c1941/44, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EDSV San Vito, MLIR3 Monte Lirio, C, SBAR3 San Bartolo, C, BRU2 Volcan, etc.

Table with columns: PNME, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Las Juntas de, Matias Romero, Tuzandepeti, Oaxaca, Vista Hermosa, Huatulco, etc.

Table with columns: STA, comp, Z, f, P, P, 09 48 14.1 +0.0, etc. Includes stations like Gaotai, Dagmar, Shilong, etc.

Table with columns: KUU, comp, Z, f, P, P, 09 54 32.3 -2.1, etc. Includes stations like Kurzy, Old Forge, Sainte-Anne, etc.

Table with columns: SPITS, comp, Z, f, P, P, 09 54 32.3 -2.1, etc. Includes stations like LULU, BOSA, SUMC, etc.

Table with columns for event name, date, time, and various codes. Includes events like NORARS Subarrat, AKASG Malin Array, and many others.

Table with columns for station name, frequency, and other technical details. Includes stations like MOA, VTA, VTS, WLF, ARSA, PRK, MMB, STU, NVR, KOGS, KKB, DIVS, SOKA, SOKA, PERS, JSA, KBA, KBA, BFO, BFO, BFO, OBKA, OBKA, OBKA, WATA, WATA, MYKA, MYKA, MYKA, UBR, RETA, RETA, RETA, MOTA, MOTA, MOTA, HORT, PAIG, SOTA, SOTA, SOTA, PRED, PRED, LJU, LJU, ABTA, ABTA, ABTA, ZOU, ZOU, DAVA, DAVA, DAVA, FETA, FETA, FETA, CLF, DAVOX, DAVOX, DAVOX, CTI, CTI, TUE, AGG, SENIN, KLV, KTHA, KEK, ITM, ZCCA, INTR, PGAV, CEL, PBRG, MVO, MVO, MTE, MTE, PCAS, PCBR, PMAFR, PMRV, EVO, ESB, ESDC, ESDC, PAB, PAB, PNCL, PNCL, MESJ, MESJ, MESJ, PCVE, PCVE, MORF.

Table with columns for station name, frequency, and other technical details. Includes stations like MORF, LIC, PVAO, PBDV, KIC, TIC, DBIC, DBIC, KEST, MDT, MDT, TORD, TORD, TORD, TAM, TAM.

KRSC 03 09:43:04.9:1.6,55:05N:167:15E, h40km, 20km, ML3.9

Table with columns for station name, frequency, and other technical details. Includes stations like BKI, BKR, KBG, SMKR, SMKR, BDR, ZLN, SRKR, SRKR, BZGR, CIRR, LGNR, LGNR, TUMD, BZWR, KRSR, KRSR, KZV, KZV, KIRR, KIRR, KMINR, KMINR, TUMR, TUMR, KPT, KPT, KOZ, KOZ, SRDR, SRDR, KII, KII, SPN, SPN, NLC, SDLR, SDLR, SMAR, SMAR, SMAR, SMAR, KRE, KRE, AVA, AVA, KRX, KRX, KOK, KOK, PUS, PUS, RUS, RUS, MTRV, MTRV, GRL, GRL, ASK, ASK, KDR.

MAN 03 09:51:30.1, 13:90N, 120:57E, h122km, mb3.9, ML2.6

Table with columns for station name, frequency, and other technical details. Includes stations like LUBP, LUBP, PGP, PGP, SJMP, SJMP.

BUC 03 09:52:03.4:0.7, 44:40N:28:57E, h5km, ml1.5/5, 12C-10D, Error ellipse: s-maj=4.3km s-min=2.1km az=145.0

Table with columns for station name, frequency, and other technical details. Includes stations like TIRR, TIRR, TIRR, TLBR, TLBR, TLBR, TLBR, TOPG, TOPG, TOPG, HARR, HARR, TCLR, TCLR, TCLR, TCLR, CFR, CFR, CFR.

ATH 03 10:12:22.6, 38:10N:20:43E, h14km, 1km, ML2.4/9, Error ellipse: s-maj=2.0km s-min=1.0km az=51.0

Table with columns for station name, frequency, and other technical details. Includes stations like KEF3, KEF3, ARG2, ARG2, ARG2, KEF4, KEF4, KEF5, KEF5.

Table with columns for station name, frequency, and other technical details. Includes stations like VLS, VLS, VLS, VLS, VSK1, VSK1, FSK, FSK, FSK, FSK, KRI1, KRI1, EVGI, EVGI, EVGI, EVGI, MGNA, MGNA.

MGNA comp=E,713um,0.4s

Table with columns for station name, frequency, and other technical details. Includes stations like VTN, VTN, LKD2, LKD2, LKD2, LKD2, LSK2, LSK2, TSKL, TSKL, RLSL, RLSL, PVO, PVO, PVO, PVO, DRO, DRO, DRO, ANX, ANX, ANX, SERG, SERG, SERG, TRIZ, TRIZ, KLV, KLV, KALE, KALE, GUR, GUR, PVL, PVL, AGG, AGG, DBRK, DBRK, ZIRJ, ZIRJ, Kijevo, Kijevo, MORI, MORI, MORI, DUGI, DUGI, DUGI.

IDC 03 10:14:17.2:3.1, 21:19S:70:62W, h0km, mb3.5/1, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=78.1km s-min=29.7km az=82.0

GUC 03 10:14:23.6:0.8, 21:01S:69:76W, h19km, 2km, ML3.8

ISC 03 10:14:20.3:1.1, 20:98S:0:02:69:87W, h0.04, h12km, 9km, n26, c101/41, 5C-11D, Northern Chile

Table with columns for station name, frequency, and other technical details. Includes stations like BPO2, BPO2, BPO2, BPO1, BPO1, TA01, TA01, BPO7, BPO7, BPO7, TA02, TA02, TA02, BPO9, BPO9, BPO9, BPO3, BPO3, BPO3, BPO8, BPO8, BPO8, BPO1, BPO1, BPO1, BPO4, BPO4, BPO4, PSCG, PSCG, PSCG, GO01, GO01, GO01, BPO6, BPO6, BPO6, LVC, LVC, LVC, LVMC, LVMC, LVMC, BPO5, BPO5, BPO5.

Table with columns for station name, frequency, and other technical details. Includes stations like BPO2, BPO2, BPO2, BPO1, BPO1, TA01, TA01, BPO7, BPO7, BPO7, TA02, TA02, TA02, BPO9, BPO9, BPO9, BPO3, BPO3, BPO3, BPO8, BPO8, BPO8, BPO1, BPO1, BPO1, BPO4, BPO4, BPO4, PSCG, PSCG, PSCG, GO01, GO01, GO01, BPO6, BPO6, BPO6, LVC, LVC, LVC, LVMC, LVMC, LVMC, BPO5, BPO5, BPO5.

ISC 03 12:04:16.8:1.0, 39.629N:0'03.4302E:0'03.h9km,6km, n22,c130/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like AGRB Hanur-Agry, TUTA Tutak, EATA Eleskirt, etc.

BGR 03 12:05:16.9:0.0, 54.11N:167.33E, h20km, mb5.4, mB, BB6.1, Ms6.6

BUJ 03 12:05:19.3:0.0, 55.51N:166.90E, h6km, mb5.8/74, mb5.4/82, Ms6.1/94, Ms7.6/108

KRSC 03 12:05:19.6:1.9, 55.18N:167.06E, h40km,21km, ML6.0

MOS 03 12:05:20.9:0.9, 55.25N:166.90E, h14km, mb5.8/130, MS5.6/88, Error ellipse: s-maj=4.4km s-min=4.2km az=169.0

IDC 03 12:05:21.0:0.3, 55.26N:166.86E, h0km, mb5.3/39, mb1.5/42, mb1mx5.5/43, mbtpms3/42, ML4.7/3, MS5.5/37, Ms1.5/37, ms1mx5.4/44, Error ellipse: s-maj=11.0km s-min=7.2km az=160.0

NEIC 03 12:05:21.9:1.9, 55.26N:166.9E:0.1, h6km,1km, mb5.8/673, Ms.20.5/774, Mw5.9/165, Mw5.8, Mw5.8(GCMT), Error ellipse: s-maj=12.8km s-min=9.6km az=176.0

NEIC 03 12:05:22.8:5.5, 21N:166.91E, h4km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, Mr1.43; Mw=3.82; Mw=2.39; Mw=7.90; Mw=0.09; Mw=1.97; Fault plane solution: M=8.80000*10^17 NP1=50.77000; delta13.75000; lambda35.22000; NP2=286.33000; delta2.12000; lambda101.31000 Principal axes: T 7.6519, Plg52.0000; Azm209.0000; N 1.9644, Plg14.0000; Azm105.0000; P -9.6163, Plg36.0000; Azm16.0000

NEIC 03 12:05:25.5:4.1N, 166.90E, h13km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, Mr1.73; Mw=6.24; Mw=4.51; Mw=2.12; Mw=0.02; Mw=1.14; Fault plane solution: M=6.08000*10^17 NP1=45.00000; delta4.00000; lambda6.00000; NP2=313.00000; delta8.00000; lambda154.00000 Principal axes: T 4.9653, Plg22.0000; Azm266.0000; N 1.8115, Plg64.0000; Azm122.0000; P -6.7768, Plg14.0000; Azm2.0000

GCMT 03 12:05:26.0:0.1, 55.39N:166.94E, h12km, Mw5.8/167, Moment Tensor Solution. s150,c312; s167,c470; Duration: 199 Moment tensor: Scale 10^17Nm, Mr=0.28; Mw=2.85; Mw=3.13; Mw=4.85; Mw=0.27; Mw=0.26; Fault plane solution: M=5.78000*10^17 NP1=147.00000; delta27.00000; lambda176.00000; NP2=241.00000; delta8.00000; lambda63.00000 Principal axes: T 3.8541, Plg41.0000; Azm126.0000; N 2.7873, Plg27.0000; P -6.6414, Plg38.0000; Azm354.0000

KEA 03 12:05:26.0:0.0, 55.60N:167.10E, h33km, mb6.0/1, MS5.5/1

KLM 03 12:05:28.0:0.5, 30N:166.85E, h37km, mb5.7, Hypocentre not reviewed by the ISC

ISC 03 12:05:23.2:0.4, 55.23N:0'03.166'88E:0'02.h12km,1km, h11km, P-n2039, s182/2063, mb5.7/561, MS5.7/504, 43C-56D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like BKI Bering, KBTR Krutoberegovo, SMKR Semkarok, etc.

KRSR Krestovskiy 3.71 288 eP Pn 12 06 19.5 -0.9

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like KRSR Krestovskiy, TUMD Tumrok D, KZV Kizimen, etc.

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

UCLR Uglovaya 5.14 250 eS Sn 12 07 38.1 -1.3

OKH comp=N,22um,12.0s MLR MLR

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like OKH, NIKH, TYV, etc.

ANM Nome 16.62 45 P Pmax P 12 09 17.6 -0.6

ANM Nome 16.62 45 P Iamb P 12 09 17.6 -0.6

FALS False Pass 16.97 79 P Pmax P 12 09 20.7 +0.5

FALS False Pass 16.97 79 P Iamb P 12 09 32.6

YSS Yuzh-Sakhalins 17.20 251c P P MLR P 12 09 24.3 -0.4

YSS Yuzh-Sakhalins 17.20 251c P Iamb P 12 09 31.2

YUK Yuzh-Kurilsk 17.55 239 P Pmax P 12 09 27.0 -0.6

YUK Yuzh-Kurilsk 17.55 239 P Iamb P 12 12 41.2 -1.6

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

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YUK comp=N,14um,11.0s MLR MLR

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YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

YUK comp=N,14um,11.0s MLR MLR

3d 12h

H58A	baz=327	S	S	12 25 19.6	-2.3		
O51A	Pataskala baz=325,SNR=9.8	68.13	51	P	P	12 16 20.6	-2.3
O51A	baz=325	S	S	12 25 22.0	-0.4		
GLAT	Glass comp=Z,3um,19.0s	68.16	58	IAMS_20	IAMS_20	12 47 08.2	
LNXT	Lenox comp=Z,3um,18.0s	68.19	58	IAMS_20	IAMS_20	12 45 16.2	
LPAR	Lepanto comp=Z,4um,19.0s	68.20	59	IAMS_20	IAMS_20	12 47 35.3	
G60A	Masonville baz=328	68.23	41	P	P	12 16 21.1	-2.3
G60A	baz=328	S	S	12 25 22.6	-0.8		
J57A	Williamstown baz=327	68.23	44	P	P	12 16 21.0	-2.4
J57A	Williamstown comp=Z,87nm,1.4s	68.23	44	IAMB	IAMB	12 16 29.3	
L55A	Hinsdale baz=326,SNR=6.8	68.25	47	P	P	12 16 21.2	-2.5
L55A	baz=326	S	S	12 25 22.0	-1.8		
237A	Washetta, Mont comp=Z,3um,19.0s	68.27	65	IAMS_20	IAMS_20	12 47 33.3	
K56A	Middlesex baz=326,SNR=16	68.28	46	P	P	12 16 21.3	-2.5
K56A	baz=326	S	S	12 25 21.7	-2.4		
M54A	Oil Creek Stat baz=326	68.29	48	P	P	12 16 21.2	-2.7
M54A	baz=326	S	S	12 25 22.9	-1.4		
M54A	Oil Creek Stat comp=Z,50nm,0.9s	68.29	48	P	IAMB	12 16 22.6	-1.3
M54A	comp=Z,5um,18.0s	IAMS_20	IAMS_20	12 50 46.6			
435B	Jarrell baz=322	68.30	67	P	P	12 16 22.2	-1.8
435B	baz=322	S	S	12 25 25.6	+1.0		
435B	Jarrell comp=Z,82nm,1.1s	68.30	67	IAMB	IAMB	12 16 35.2	
435B	comp=Z,4um,18.0s	IAMS_20	IAMS_20	12 51 32.2			
UTMT	University of WLAR	68.30	57	P	P	12 16 24.0	+0.1
WLAR	White Oak Lake comp=Z,3um,19.0s	68.32	62	IAMS_20	IAMS_20	12 48 13.6	
N53A	Lisbon baz=325	68.37	49	P	P	12 16 22.5	-1.9
N53A	Lisbon comp=Z,6um,19.0s	68.37	49	IAMS_20	IAMS_20	12 48 52.6	
G61A	Shiloh-de- baz=328,SNR=6.1	68.37	40	P	P	12 16 22.3	-2.0
G61A	baz=328	S	S	12 25 24.9	-0.2		
I58A	Old Forge baz=327	68.40	43	P	P	12 16 21.8	-2.7
F62A	Pittston Farm, baz=329	68.42	39	P	P	12 16 22.2	-2.4
F62A	baz=329	S	S	12 25 24.9	-0.7		
F62A	Pittston Farm, comp=Z,4um,18.0s	68.42	39	P	P	12 16 20.8	-3.8
F62A	comp=Z,4um,18.0s	IAMS_20	IAMS_20	12 49 15.0			
HALT	Halls	68.42	58	P	P	12 16 23.7	-1.0
HALT	comp=Z,3um,19.0s	IAMS_20	IAMS_20	12 51 31.2			
PQI	Presque Isle comp=Z,74nm,1.4s	68.44	37	IAMB	IAMB	12 16 31.0	
RUGN	Rugen comp=Z,5um,22.0s	68.45	44	IAMS_20	IAMS_20	12 45 08.1	
NCB	Newcomb comp=Z,6um,20.0s	68.46	43	IAMS_20	IAMS_20	12 48 58.2	
P51A	Williamsport baz=325	68.47	51	P	P	12 16 22.6	-2.4
R49A	Shelbyville comp=Z,114nm,1.6s	68.48	54	IAMB	IAMB	12 16 34.0	
O52A	Adamsville baz=325,SNR=12	68.50	50	P	P	12 16 23.1	-2.1
E63A	Oxbow baz=330,SNR=6.1	68.52	38	P	P	12 16 22.7	-2.5
E63A	baz=330	S	S	12 25 25.5	-1.2		
E63A	Oxbow comp=Z,7um,21.0s	68.52	38	P	P	12 16 23.4	-1.7
E63A	comp=Z,7um,21.0s	IAMS_20	IAMS_20	12 46 49.5			
SBUM	Sibu	68.54	241	P	P	12 16 26.2	+0.6
SBUM	Sibu	68.54	241	P	P	12 16 27.0	
H60A	Morristown baz=328	68.55	41	P	P	12 16 22.6	-2.8
J58A	Remsen baz=327	68.55	44	P	P	12 16 22.4	-3.0
J58A	baz=327	S	S	12 25 23.8	-3.5		
J58A	Remsen	68.55	44	P	P	12 16 23.4	-2.1
J58A	comp=Z,83nm,1.2s	IAMB	IAMB	12 16 35.2			
K57A	Scipio Center baz=327	68.59	45	P	P	12 16 23.0	-2.7
K57A	comp=Z,4um,18.0s	S	S	12 25 25.2	-2.6		
N54A	Moraine State baz=326	68.60	48	P	P	12 16 22.9	-2.9
N54A	baz=326	S	S	12 25 27.5	-0.5		
N54A	Moraine State comp=Z,4um,18.0s	68.60	48	IAMS_20	IAMS_20	12 48 40.8	
247A	Sharon Grove comp=Z,4um,21.0s	68.63	56	IAMS_20	IAMS_20	12 45 50.6	
L56A	Greenwood baz=326,SNR=15	68.66	46	P	P	12 16 23.9	-2.3
L56A	baz=326	S	S	12 25 27.2	-1.5		
L56A	Greenwood comp=Z,5um,20.0s	68.66	46	IAMS_20	IAMS_20	12 47 44.1	
O53A	New Philadelph baz=325	68.66	50	P	P	12 16 23.5	-2.6
O53A	New Philadelph comp=Z,65nm,1.1s	68.66	50	IAMB	IAMB	12 16 36.5	
LAWE	Loch Awe, Argy comp=Z,7.1nm,1.1s	68.69	355	eP	IAMB	12 16 25.5	-0.6
LAWE	comp=Z,7.1nm,1.1s	IAMB	IAMB	12 16 27.4			
AKASG	Malin Array Be comp=Z,28nm,0.5s,baz=29,slow=6.3,SNR=46	68.70	333	P	P	12 16 24.9	-1.4
AKASG	comp=Z,7.3nm,0.8s,baz=224,slow=6.4,SNR=6.1	PcP	P	12 16 52.8	+1.8		
AKASG	comp=Z,1.0nm,0.5s,baz=224,slow=6.4,SNR=6.1	P	P	12 44 41.1	-6.5		
AKASG	comp=Z,5um,18.1s,baz=15,slow=39	LR	LR	12 50 20.7			
AKAB	Malin Array Si	68.70	333	P	P	12 16 24.9	-1.3
AKAB	Malin Array Si	68.70	333	IAMB	IAMB	12 16 33.5	
M55A	Ridgway baz=326,SNR=11	68.71	47	P	P	12 16 24.7	-1.8
M55A	baz=326	S	S	12 25 28.6	-0.6		
M55A	Ridgway comp=Z,101nm,1.2s	68.71	47	IAMB	IAMB	12 16 36.8	
Q51A	Peebles	68.71	52	P	P	12 16 25.4	-1.2
Q51A	comp=Z,42nm,0.8s	IAMB	IAMB	12 16 36.5			
Q51A	comp=Z,4um,20.0s	IAMS_20	IAMS_20	12 47 10.8			
E64A	Bridgewater baz=330,SNR=12	68.72	37	P	P	12 16 24.4	-2.0
E64A	baz=330	S	S	12 25 28.1	-1.1		
I59A	Olmsteadville baz=328	68.73	43	P	P	12 16 23.7	-2.9
I59A	baz=328	S	S	12 25 26.8	-2.8		
MET	Memphis-Engin comp=Z,4um,19.0s	68.76	59	IAMS_20	IAMS_20	12 47 44.2	
P52A	Corning baz=325	68.76	51	P	P	12 16 23.8	-3.0
P52A	baz=325	S	S	12 25 29.2	-0.6		
P52A	Corning comp=Z,42nm,0.9s	68.76	51	IAMB	IAMB	12 16 32.9	
J59A	Plesco baz=327	68.77	43	P	P	12 16 24.5	-2.4
X43A	Marvell baz=323	68.77	60	P	P	12 16 24.4	-2.6
X43A	Marvell	68.77	60	IAMS_20	IAMS_20	12 49 05.6	

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G62A	comp=Z,5um,18.0s	68.79	40	P	P	12 16 24.1	-2.8
G62A	West of Eustis baz=329	S	S	12 25 29.9	-0.2		
G62A	baz=329	S	S	12 25 29.9	-0.2		
CCAR	West of Eustis comp=Z,76nm,1.1s	68.81	61	P	IAMS_20	12 16 27.2	+0.1
CCAR	Cane Creek comp=Z,5um,18.0s	68.81	62	P	P	12 15 17.6	
Z41A	Richland Creek baz=323	68.81	62	P	P	12 16 24.7	-2.6
Z41A	Richland Creek comp=Z,94nm,1.4s	68.81	62	IAMB	IAMB	12 16 37.6	
H61A	Lyndonville baz=328	68.86	41	P	P	12 16 24.5	-2.8
H61A	baz=328	S	S	12 25 30.3	-0.6		
ESY	Stoneypath F63A	68.88	354	eP	P	12 16 26.1	-1.2
F63A	Nahmakanta, Br comp=Z,62nm,1.4s	68.89	39	P	P	12 16 24.8	-2.7
F63A	Nahmakanta, Br comp=Z,62nm,1.4s	68.89	39	IAMB	IAMB	12 16 34.3	
F63A	comp=Z,4um,20.0s	IAMS_20	IAMS_20	12 49 32.6			
K58A	Earville baz=327	68.91	44	P	P	12 16 24.9	-2.8
K58A	Earville	68.91	44	S	S	12 25 28.9	-2.6
K58A	Earville comp=Z,64nm,1.4s	68.91	44	IAMB	IAMB	12 16 33.8	
I60A	Shoreham baz=328	68.93	42	P	P	12 16 25.0	-2.8
M56A	Emporium baz=326	68.94	47	P	P	12 16 25.6	-2.3
M56A	baz=326	S	S	12 25 29.6	-2.4		
M56A	Emporium comp=Z,107nm,1.4s	68.94	47	IAMB	IAMB	12 16 38.1	
WVT	Waverly	68.97	57	P	P	12 16 27.6	-0.6
WVT	comp=Z,222nm,1.9s	P	P	12 16 25.5	-2.6		
WVT	comp=Z,6um,18.0s	68.97	57	P	P	12 16 25.5	-2.6
WVT	Waverly baz=324	S	S	12 25 34.4	+2.0		
WVT	Waverly comp=Z,3um,18.0s	68.97	57	P	P	12 16 27.6	-0.6
WVT	Waverly	68.97	57	IAMS_20	IAMS_20	12 49 09.8	
GKP	Gorka Kiasztor F64A	69.00	341	eP	P	12 16 26.0	-2.1
GKP	comp=Z,6um,18.0s	eS	P	12 25 31.5	-0.7		
F64A	Sherman baz=330	69.02	38	P	P	12 16 25.9	-2.5
F64A	baz=330	S	S	12 25 30.4	-2.3		
F64A	Sherman comp=Z,62nm,1.1s	69.02	38	IAMB	IAMB	12 16 34.7	
F64A	comp=Z,6um,22.0s	IAMS_20	IAMS_20	12 46 04.9			
NATX	Nacogdoches baz=323	69.05	64	P	P	12 16 26.8	-2.0
NATX	Nacogdoches	69.05	64	P	P	12 16 28.1	-0.7
NATX	comp=Z,86nm,1.2s	IAMB	IAMB	12 16 39.9			
NATX	comp=Z,2um,21.0s	IAMS_20	IAMS_20	12 49 35.1			
L57A	Andrews Acres baz=327	69.06	46	P	P	12 16 25.9	-2.8
O54A	Avella baz=326	69.08	49	P	P	12 16 26.3	-2.5
O54A	baz=326	S	S	12 25 32.9	-0.7		
O54A	Avella comp=Z,68nm,1.1s	69.08	49	IAMB	IAMB	12 16 35.4	
PGBU	Glenifferbraes PGBU	69.09	355	eP	IAMB	12 16 28.0	-0.6
PGBU	comp=Z,111nm,0.9s	IAMB	IAMB	12 16 30.6			
W45A	Hickory Valley comp=Z,4um,20.0s	69.10	58	IAMS_20	IAMS_20	12 47 52.1	
LBNH	Lisbon baz=328	69.11	41	P	P	12 16 26.3	-2.6
LBNH	Lisbon comp=Z,87nm,1.6s	69.11	41	IAMB	IAMB	12 16 35.6	
LBNH	comp=Z,5um,21.0s	IAMS_20	IAMS_20	12 47 42.4			
H62A	Milan baz=329,SNR=8.7	69.11	40	P	P	12 16 27.6	-1.3
H62A	baz=329	S	S	12 25 34.1	+0.2		
GEYT	Alienok comp=Z,13nm,0.6s,baz=355,slow=1.6,SNR=24	69.14	307	P	P	12 16 28.0	-1.2
GEYT	comp=Z,8um,18.5s,baz=35,slow=40	LR	LR	12 50 52.1			
GYA0B	ALIBECK ARRAY comp=Z,147nm,1.6s	69.14	307	IAMB	IAMB	12 16 31.7	
N55A	Marion Center baz=326	69.18	48	P	P	12 16 26.5	-2.9
N55A	baz=326	S	S	12 25 34.2	-0.7		
PKME	Peaks-Kenny Pk baz=329	69.20	39	P	P	12 16 26.7	-2.8
PKME	comp=Z,39nm,18.0s	IAMS_20	IAMS_20	12 48 25.8			
P53A	Whipple baz=325	69.21	50	P	P	12 16 27.6	-2.0
P53A	baz=325	S	S	12 25 34.0	-1.2		
G63A	Kingsbury baz=329	69.22	39	P	P	12 16 26.7	-2.8
G63A	baz=329	S	S	12 25 34.3	-0.8		
K59A	Cooperstown baz=327,SNR=7.5	69.22	44	P	P	12 16 27.2	-2.5
K59A	baz=327	S	S	12 2			

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Q55A		S	S	12 25 46.0	-0.8	CHLP	Challavanipeta	70.94 275	eP	P	12 16 40.0	-0.4	R58A	Rapidan	71.67 49	P	P	12 16 41.8	-2.8	
L61A	baz=326 Hillsdale 1, H	70.22 43	P	P	12 16 33.5	-2.3	CHLP	comp=Z,421nm,1.6s		IVmB_BB	12 16 46.3		M64A	Tiverton	71.68 42	P	P	12 16 42.3	-2.3	
L61A	baz=328		S	S	12 25 43.9	-3.1	CHLP	comp=Z,569nm,17.6s		IVMs_BB	12 50 47.0		S57A	Dark Hollow, R	71.70 50	P	P	12 16 42.6	-2.3	
O57A	Ambersson	70.23 47	P	P	12 16 33.3	-2.6	P58A	Pank, Wackersv	70.97 47	P	P	12 16 35.9	-4.5	V53A	Saluda	71.70 54	Iamb	Iamb	12 16 54.8	
KESW	baz=327		S	S	12 25 44.6	-2.5	R56A	Bull Pasture M	70.97 50	P	P	12 16 38.4	-2.1	HAL	Halifax	71.72 35	P	P	12 16 45.0	+0.1
KESW	comp=Z,94nm,1.0s	70.24 354	eP	Iamb	Iamb	12 16 37.8	S55A	Leuwburg	71.02 51	P	P	12 16 39.3	-1.5	HAL	comp=Z,34nm,1.0s		Pmax	Pmax		
I64A	Boothbay	70.24 40	P	P	12 16 33.2	-2.6	ZEI	Tsey	71.02 319	eS	P	12 16 39.6	-1.3	HAL	comp=Z,5µm,19.0s		MLR	MLR		
I64A	baz=330		S	S	12 25 45.7	-1.4	O60A	Telford	71.06 46	P	P	12 16 36.7	-4.2	HAL	comp=Z,5µm,19.0s		IAMS_20	IAMS_20	12 51 54.3	
GDLE	baz=330		S	S	12 25 45.7	-1.4	PAL	Palisades	71.09 44	P	P	12 16 37.9	-3.1	DSB	Dublin	71.75 356	P	P	12 16 44.3	-0.5
J63A	Glaisdale, N Y	70.25 41	P	P	12 16 33.0	-2.9	PAL	Palisades	71.09 44	Iamb	Iamb	12 16 49.7		DSB	comp=Z,103nm,0.9s		IAMS_20	IAMS_20	12 44 14.1	
P56A	Dayton Farm, R	70.25 49	P	P	12 16 34.5	-1.8	CPCT	Cooper Cave	71.09 55	P	P	12 16 39.7	-1.5	Q59A	Harwood	71.77 47	P	P	12 16 42.7	-2.5
H66A	Whiting	70.32 38	P	P	12 16 33.4	-2.9	CPCT	comp=Z,56nm,1.1s		Iamb	Iamb	12 16 51.9		COEN	Coen	71.77 204	IAMS_20	IAMS_20	12 46 04.4	
H66A	baz=330		S	S	12 25 47.0	-1.0	M62A	Hamden	71.12 43	P	P	12 16 38.1	-3.1	CHVC	Chvalec	71.78 341	eP	x	12 16 46.2	+1.1
K62A	Royalston	70.33 42	P	P	12 16 33.6	-2.9	T54A	Tazewell	71.12 52	P	P	12 16 38.3	-3.2	CHVC	AMS		AMS	12 16 53.2		
EMMW	East Machias	70.34 38	P	P	12 16 35.7	-0.7	N61A	South Mountain	71.15 45	P	P	12 16 38.6	-2.8	CHVC	comp=Z,5µm,15.4s		AMS	AMS	12 54 00.0	
EMMW	comp=Z,5µm,20.0s		IAMS_20	IAMS_20	12 50 03.8		146A	Union	71.19 60	P	P	12 16 42.0	+0.2	OSTC	Ostas	71.78 341	eP	S	12 16 46.0	+0.9
KSM	Kuching	70.34 242	P	Iamb	Iamb	12 16 36.4	-0.4	146A	comp=Z,4µm,19.0s		IAMS_20	IAMS_20	12 48 18.7		OSTC	AMS		AMS	12 53 40.0	
KSM	comp=Z,63nm,1.0s		Iamb	Iamb	12 16 58.2		AFI	Afiamalau	71.19 158	IAMS_20	IAMS_20	12 47 27.7		OSTC	comp=Z,4µm,15.6s		AMS	AMS	12 53 40.0	
KSM	Kuching	70.34 242	P	P	12 16 37.0		ASSE	Asse, Remlinge	71.20 345	eP	P	12 16 41.6	+0.1	U55A	TA2, Sparta	71.82 52	P	P	12 16 45.0	-0.7
L61B	Northampton	70.34 43	P	P	12 16 32.8	-3.7	ASSE	comp=Z,46nm,1.3s, baz=14, slow=6.0		eP	P	12 16 47.4	+0.8	T56A	Rocky Mt	71.84 51	P	P	12 16 44.0	-1.7
S53A	Williamson	70.36 52	P	P	12 16 33.6	-3.1	V52A	Sevierville	71.20 54	Iamb	Iamb	12 17 02.5		SOC	Sochi	71.84 322d	iP	P	12 16 45.4	-0.2
RUE	Ruedersdorf	70.37 343	eP	P	12 16 37.1	+0.6	Z47A	Soldier's Dell	71.22 59	Iamb	Iamb	12 16 52.6		SOC	SOC		ePPP	PPP	12 21 09.9	
RUE	Ruedersdorf	70.37 343	eP	P	12 16 42.4	+3.0	Z47A	Carrollton	71.22 59	Iamb	Iamb	12 16 52.6		SOC	SOC		ePPP	PPP	12 26 03.9	
SANVU	Saraoutou	70.40 180	IAMS_20	IAMS_20	12 43 17.8		Z47A	comp=Z,84nm,0.8s		IAMS_20	IAMS_20	12 49 08.4		SOC	comp=Z,13nm,0.5s		Pmax	Pmax		
N59A	State Game Lan	70.41 46	P	P	12 16 33.8	-3.2	SDMD	comp=Z,4µm,19.0s		IAMS_20	IAMS_20	12 50 47.3		UPC	Upice	71.86 341	eP	P	12 16 46.6	+1.0
R54A	Victor	70.46 51	P	P	12 16 34.7	-2.6	P59A	Jarrettsville	71.23 47	P	P	12 16 39.4	-2.5	UPC	comp=Z,6µm,17.0s		x	x	12 16 53.4	
KIV	Kislovodsk	70.46 321	iP	P	12 16 36.7	-0.7	BRYW	Bryant College	71.24 42	IAMS_20	IAMS_20	12 50 30.9		UPC	comp=Z,5µm,16.2s		AMS	AMS	12 54 00.0	
KIV	Kislovodsk	70.46 321	iP	P	12 16 38.5	+1.2	L63A	North Scituate	71.26 42	P	P	12 16 39.2	-2.9	UPC	Upice	71.86 341	eP	P	12 16 46.6	+1.0
KIV	Kislovodsk	70.46 321	P	P	12 16 38.1	+0.8	Q58A	Fox Den Farm,	71.27 48	P	P	12 16 39.9	-2.3	UPC	comp=Z,5µm,14.6s		eS	S	12 16 53.4	
KIV	Kislovodsk	70.46 321	eS	S	12 16 38.1	+0.8	TKL	Tuckaleechee C	71.27 54	IAMS_20	IAMS_20	12 49 01.5		UPC	comp=Z,4µm,14.2s		MLR	MLR	12 26 00.5	
KIV	comp=Z,98nm,1.1s		Pmax	Pmax	12 25 51.4	+1.4	SORM	Soroca	71.28 332	iP	P	12 16 41.1	-1.0	GTTG	Gottingen	71.88 345	eP	P	12 16 45.8	+0.1
KIV	comp=Z,446nm,4.6s		Pmax	Pmax			SORM	Soroca	71.28 332	P	P	12 16 41.0	-1.0	GTTG	comp=Z,40nm,1.3s, baz=14, slow=6.0		eP	sP	12 16 51.7	
KIV	Kislovodsk	70.46 321	P	P	12 16 38.2	+0.8	KWP	Kalwaria Pacla	71.30 336	eP	P	12 16 42.4	+0.2	LRAL	Lakeview Retre	71.88 58	P	P	12 16 43.6	-2.4
KIV	Kislovodsk	70.46 321	IAMS_20	IAMS_20	12 52 28.3		KWP	Kalwaria Pacla	71.30 336	eS	S	12 16 42.8	+0.6	BRG	Bergliesshubel	71.89 342	TP	P	12 16 45.2	
M60A	Port Jervis	70.53 45	P	P	12 16 34.5	-3.2	KWP	comp=Z,372nm,1.1s			MLR	MLR		BRG	comp=Z,29nm,1.1s		i		12 16 52.2	
Q56A	Snyder Ridge,	70.54 49	P	P	12 16 34.4	-3.4	KWP	comp=Z,8µm,18.0s		MLR	MLR		BRG	comp=Z,65nm,1.4s		PP	PP	12 19 25.0		
342A	Flagon Creek P	70.56 63	IAMS_20	IAMS_20	12 49 48.0		344A	Westbrook Farm	71.31 62	P	P	12 16 42.1	-0.4	BRG	comp=Z,14, slow=6.0		S	SS	12 30 38.0	
SPSI	Sidrap Falu	70.57 231	P	P	12 16 40.2	+2.1	344A	comp=Z,8µm,18.0s		IAMS_20	IAMS_20	12 53 09.7		BRG	comp=N,4µm,14.2s		SS	SS	12 30 38.0	
KBZ	Khabaz	70.58 320	P	P	12 16 37.6	-0.3	ARXK	Arkhzy	71.31 321	iP	Pmax	12 16 43.7	+1.1	BRG	Bergliesshubel	71.89 342	eP	P	12 16 45.4	
KBZ	comp=Z,29nm,0.9s, baz=24, slow=1.8		LR	LR	12 52 06.0		ARXK	comp=Z,107nm,0.8s		Pmax	Pmax		BRG	comp=Z,29nm,1.1s, baz=14, slow=6.0		eP	sP	12 16 51.1		
KBZ	comp=Z,3µm,19.0s, baz=32, slow=4.0		P	P	12 16 37.2	-0.7	FPAL	Fort Paine	71.32 56	IAMS_20	IAMS_20	12 48 38.9		BRG	baz=14, slow=6.0		eP	sP	12 16 51.1	
K63A	Dunstable	70.58 42	iP	P	12 16 35.1	-2.9	LBWR	Ladybower, Pea	71.33 353	eP	Iamb	12 16 41.7	-0.6	BRG	comp=Z,4µm,16.2s		eP	PP	12 19 31.1	
O58A	Lewisberry	70.60 47	P	P	12 16 35.3	-2.9	LBWR	comp=Z,92nm,1.0s		Iamb	Iamb	12 16 44.2		M65A	Busby, Falmout	71.89 42	P	P	12 16 44.4	
441A	DeRidder	70.61 64	IAMS_20	IAMS_20	12 50 48.5		N62A	Caumsett State	71.33 44	P	P	12 16 40.2	-2.3	M65A	Busby, Falmout	71.89 42	IAMS_20	IAMS_20	12 51 07.9	
SWET	Sewanee	70.62 56	P	Iamb	Iamb	12 16 37.0	-1.4	ONI	Oni	71.36 319	P	P	12 16 43.9	+1.1	NEUB	Neuburg	71.92 344	eP	P	12 16 51.5
SWET	comp=Z,67nm,0.9s		Iamb	Iamb	12 16 40.5		OJC	Ojcow	71.38 338	eP	P	12 16 42.7	-0.1	FBE	Freiberg	71.94 343	eP	P	12 16 46.1	
SWET	comp=Z,4µm,22.0s		IAMS_20	IAMS_20	12 47 25.3		OJC	comp=Z,5µm,18.0s		P	P	12 16 40.7	-2.3	FBE	comp=Z,46nm,1.2s, baz=14, slow=6.0		eP	sP	12 16 51.9	
TZTN	Tazewell	70.65 54	P	P	12 16 36.0	-2.5	P60A	Greenville	71.40 46	P	P	12 16 40.2	+1.9	FBE	baz=14, slow=6.0		eP	PP	12 19 31.7	
TZTN	baz=325		S	S	12 25 53.0	+0.9	IBBN	ibbenburen	71.44 347	eP	P	12 16 43.2	+0.2	DPC	Dobruska-Polom	71.96 341	eS	x	12 16 53.8	
TZTN	baz=325		S	S	12 25 53.0	+0.9	IBBN	comp=Z,106nm,1.4s, baz=14, slow=6.0		eP	sP	12 16 48.9	+0.8	DPC	AMS		AMS	12 26 01.1		
AKT	Tazewell	70.65 54	Iamb	Iamb	12 16 59.4		R57A	Stanardsville	71.44 49	P	P	12 16 40.8	-2.5	Q60A	Greensboro	71.99 47	P	P	12 16 43.5	
AKT	comp=Z,159nm,1.7s		iP	Pmax	12 16 37.6	-1.0	U54A	Nelsons Funny	71.46 52	P	P	12 16 41.2	-2.3	346A	Big Creek Wild	71.99 61	IAMS_20	IAMS_20	12 51 11.9	
P57A	Homestead Farm	70.67 48	P	P	12 16 34.4	-4.2	U54A	Nelsons Funny	71.46 52	Iamb	Iamb	12 16 54.4		R58B	Mineral	72.00 49	P	P	12 16 44.1	
X48A	Hartselle	70.70 57	Iamb	Iamb	12 16 45.3		M63A	Gales Ferry	71.48 43	P	P	12 16 41.2	-2.3	V54A	Nebo	72.01 53	P	P	12 16 45.0	
X48A	comp=Z,83nm,1.3s		IAMS_20	IAMS_20	12 50 12.6		KSP	Ksiaz	71.49 341	eP	S	12 16 42.9	-0.5	CBN	Corbin Frederi	72.02 48	P	P	12 16 46.4	
L62A	Suffield	70.71 43	P	P	12 16 35.3	-3.4	KSP	Ksiaz	71.49 341	eS	S	12 26 03.2	+1.7	CBN	Corbin Frederi	72.02 48	P	Iamb	Iamb	
N60A	Cedar Hill Far	70.72 45	P	P	12 16 35.2	-3.7	Y49A	Blount Mountai	71.49 57	Iamb	Iamb	12 16 43.0	-0.4	CBN	comp=Z,44nm,0.7s		IAMS_20	IAMS_20	12 18 33.6	
HRV	Adam Dzewonsk	70.73 42	P	P	12 16 39.9	+1.0	L64A	Middleborough	71.49 42	P	P	12 16 41.8	-1.7	NIE	comp=Z,4µm,21.0s		eP	P	12 16 47.1	
HRV	comp=Z,34nm,1.1s		Pmax	Pmax			KAPI	Kappang	71.51 230	P	P	12 16 44.9	+1.0	NIE	Niedzica	72.03 338	eP	S	12 26 11.5	
HRV	comp=Z,5µm,19.0s		MLR	MLR			KAPI	Kappang	71.51 230	P	P									

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like PSN Presentisli, KLRI Killari, ECH Echery, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like URV Uravakonda, VTS Vitosa, NVALI Novajia, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like INTR IAMS_20, MDH Madha, KPRO Kipouro, etc.

3d 12h

Table with columns for station name, frequency, and other parameters. Includes stations like KTHA Kythira Island, MVO Monaco, ANKY Antikythira Is, etc.

2014 JUL

Table with columns for station name, frequency, and other parameters. Includes stations like STKA Stephens Creek, SDRR Presa de Saban, CANN Canberra, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like EFI East Falkland, BELA Belrago, NVL N'Azarevskaya, etc.

TIF 03 12:06:13.8, 41:82N-46:72E, h29km, 1km
DNS 03 12:06:13.2, 40.1:50N-46:61E, h11km
NORS 03 12:06:14.1, 40.1:50N-46:65E, h1km, MPVA3.6
DDA 03 12:06:16.9, 41:63N-46:48E, h0km, 7km, ML1.9
ISC 03 12:06:15.2, 1.1, 41:59N-04:46.62E, 0.03, h10km, 10km, n15, <162:30, Eastern Caucasus

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like LGD Lagodekhi, LGD Lagodekhi, DDFL Dedoflistskaro, etc.

IDC 03 12:16:47.6, 0.9, 55:21N-166:98E, h0km, mb3.8/17, mb1.3/9.18, mb1mx3.8/64, mbtmp3.8/18, ML3.1/1, Error ellipse: s-maj=25.5km s-min=16.8km az=154.0
ISC 03 12:16:49.4, 0.9, 55:33N-0.2:166.9E:0.1, h10km, n21, <15:17, mb3.8/17, Komandorsky Islands region

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like PETK Petropavlovsk-, YAK Yakutsk, KLR Kulur, etc.

BJI 03 12:16:54.7, 0.5, 55:51N-167:04E, h9km, mb5.1/4, mb4.8/28
IDC 03 12:16:56.3, 0.5, 55:25N-167:01E, h0km, mb4.3/37, mb1.4/5.39, mb1mx4.3/64, mbtmp4.4/39, ML3.6/2, Error ellipse: s-maj=15.4km s-min=10.0km az=154.0
KRSC 03 12:16:56.5, 2.3, 54:9N:0.1:166:62E:0.04, h10km, 1km, mb4.7/76, Error ellipse: s-maj=24.2km s-min=10.4km az=171.0
MOS 03 12:16:57.0, 0.9, 55:25N-166:94E, h19km, mb4.8/22, Error ellipse: s-maj=6.1km s-min=5.2km az=172.4
ISC 03 12:16:58.1, 0.4, 55:21N-104:166.93E:0.04, h10km, n292, <12:13/19, mb4.6/81, 4C-12D, Komandorsky Islands region

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like BKI Bering, BKI Bering, KBTR Krutoberegovo, etc.

ZLN		S	Sn	12 18 37.4 +1.7	PPLA	Purkeypyle	22.04	53	P	Iamb	P	12 21 54.0 +1.4	ARU	Arti	54.48	320	P	P	12 26 25.0 -0.2
ZLN	Zelenaya	3.57	PN	12 17 54.8 +1.3	PPLA							12 21 57.1	ARU	Arti	54.48	320	Iamb	Iamb	12 26 25.8
BZGR	Bezmyyanni-Gr	3.62	PN	12 17 54.3 +0.1	KLR	Kul'dur	22.20	269	P		P	12 21 54.8 +0.6	KNB	Knab	55.32	74	P	P	12 26 31.2 -0.7
BZGR	Bezmyyanni-Gr	3.62	PN	12 17 56.5 -0.4	KLR	Kul'dur	22.20	269	Iamb	PN	Pmax	12 21 54.5 +0.3	KNB	Knab	55.32	74	P	P	12 26 31.1 -0.7
BZGR	Bezmyyanni-Gr	3.62	PN	12 18 36.5 -0.4	KLR								PV22	Blue Mesa, Par	56.41	70	Iamb	Iamb	12 26 41.0 +1.3
CIRR	Tsirk	3.62	PN	12 17 54.7 +0.5	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	PV22	Blue Mesa, Par	56.41	70	Iamb	Iamb	12 26 49.9
CIRR	Tsirk	3.62	PN	12 18 38.3 +1.3	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	PV04	Paradox Valley	56.45	70	Iamb	Iamb	12 26 49.6
CIRR	Tsirk	3.62	PN	12 17 54.7 +0.5	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	PV07	Paradox Valley	56.56	69	Iamb	Iamb	12 26 49.6
LGNR	Loginova	3.64	PN	12 18 35.5 +0.1	KDAK	Kodiak Island	22.26	67	P		P	12 21 57.0	PV05	Paradox Valley	56.58	70	Iamb	Iamb	12 26 50.5
LGNR	Loginova	3.64	PN	12 17 55.2 +0.5	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	PV03	Paradox Valley	56.58	70	Iamb	Iamb	12 26 50.5
KLY	Klyuchi	3.72	PN	12 17 53.9 -1.5	KDAK	Kodiak Island	22.26	67	P		P	12 21 57.0	KDJ	Kajisay	56.67	297	Iamb	Iamb	12 26 41.5
KLY	Klyuchi	3.72	PN	12 18 36.5 -0.7	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
KLY	Klyuchi	3.72	PN	12 17 53.9 -1.5	KDAK	Kodiak Island	22.26	67	P		P	12 21 53.2 -1.6	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
BZMR	Bezmyyannaya	3.73	PN	12 18 40.4 +0.6	SKT	Skwentna	22.34	55	P		P	12 21 57.0 +1.3	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
BZWR	Bezmyyanni-We	3.73	PN	12 17 56.0 +0.2	BPBW	Bear Paw Mtn.	22.63	50	P		P	12 21 59.9 +1.2	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
BZWR	Bezmyyanni-We	3.73	PN	12 17 56.0 +0.2	CNFM	China Foot	22.68	52	P		P	12 21 59.0 -0.3	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
BZWR	Bezmyyanni-We	3.73	PN	12 17 55.6 -0.3	ZEAF	Zorofore Moun	22.91	52	P		P	12 22 05.5 -1.1	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
BZWR	Bezmyyanni-We	3.73	PN	12 17 55.6 -0.3	SEW	Seward	23.50	60	P		P	12 22 08.1 +0.5	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
KRSR	Krestovskiy	3.74	PN	12 18 41.1 +1.1	TOLE	Toolik Lake Re	23.82	39	P		P	12 22 11.1 +0.3	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
KRSR	Krestovskiy	3.74	PN	12 18 41.1 +1.1	TALK	Toolik Lake Re	23.82	39	P		P	12 22 14.3	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
KRSR	Krestovskiy	3.74	PN	12 18 41.1 +1.1	TALK	Toolik Lake Re	23.82	39	P		P	12 22 14.3	ISCO	Ildaho Springs	57.17	66	P	P	12 26 46.4 +1.2
TUMD	Tumrok D	3.74	PN	12 17 55.9 0.0	COLA	College	24.02	48	I	P	P	12 22 12.4 -0.2	AAK	Ala-Archa	57.65	299	P	P	12 26 48.1 -0.3
KZV	Kizimen	3.81	PN	12 17 57.6 +0.7	COLA	College	24.02	48	I	P	P	12 22 12.4 -0.2	AAK	Ala-Archa	57.65	299	I	P	12 26 48.0 -0.3
KZV	Kizimen	3.81	PN	12 18 41.9 +0.1	COLA	College	24.02	48	I	P	P	12 22 12.4 -0.2	AAK	Ala-Archa	57.65	299	I	P	12 26 48.0 -0.3
KZV	Kizimen	3.81	PN	12 17 57.6 +0.7	CCLB	Clear Creek Bu	24.03	49	Iamb	Iamb		12 22 16.3	AAK	Ala-Archa	57.65	299	Iamb	Iamb	12 26 48.1 -0.3
KZV	Kizimen	3.81	PN	12 18 41.9 +0.1	CCLB	Clear Creek Bu	24.03	49	Iamb	Iamb		12 22 16.3	AAK	Ala-Archa	57.65	299	Iamb	Iamb	12 26 48.1 -0.3
KIRR	Kirishev	3.81	PN	12 17 57.2 +0.3	DHY	Denali Highway	24.23	53	P		P	12 22 14.8 -0.1	AAK	Ala-Archa	57.65	299	Iamb	Iamb	12 26 48.6
KIRR	Kirishev	3.81	PN	12 18 41.1 -0.8	SCM	Sheep Creek Mo	24.34	56	Iamb	Iamb		12 22 18.4	S22A	4UR Ranch, Cr	58.04	69	Iamb	Iamb	12 27 01.7
KIRR	Kirishev	3.81	PN	12 17 57.2 +0.3	ILAR	Eielson Array	24.43	48	P		P	12 22 15.4 -1.1	ANGG	Ammassalik, Gr	58.05	12	P	P	12 26 51.8 +1.2
KIRR	Kirishev	3.81	PN	12 18 41.1 -0.8	ILAR	Eielson Array	24.43	48	P		P	12 22 15.4 -1.1	LSA	Lhasa	58.24	277	P	P	12 26 53.7 +0.7
KMNr	Kamenistaya	3.85	PN	12 17 58.1 +0.7	ILAR	Eielson Array	24.43	48	P		P	12 22 15.4 -1.1	LSA	Lhasa	58.24	277	P	P	12 26 53.7 +0.7
KMNr	Kamenistaya	3.85	PN	12 18 44.2 +1.5	ILAR	Eielson Array	24.43	48	P		P	12 22 15.4 -1.1	LSA	Lhasa	58.24	277	P	P	12 26 53.7 +0.7
KMNr	Kamenistaya	3.85	PN	12 17 58.1 +0.7	US08	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KMNr	Kamenistaya	3.85	PN	12 18 44.2 +1.5	US08	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KMNr	Kamenistaya	3.85	PN	12 17 58.1 +0.7	US08	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KMNr	Kamenistaya	3.85	PN	12 18 44.2 +1.5	US08	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KPT	Kopyto	3.88	PN	12 18 43.9 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KPT	Kopyto	3.88	PN	12 17 58.7 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KPT	Kopyto	3.88	PN	12 18 43.9 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KPT	Kopyto	3.88	PN	12 17 58.7 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
TUMR	Tumrok	3.88	PN	12 17 58.8 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
TUMR	Tumrok	3.88	PN	12 18 43.7 +0.1	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
TUMR	Tumrok	3.88	PN	12 17 58.8 +0.9	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
TUMR	Tumrok	3.88	PN	12 18 43.7 +0.1	USRK	Ussuriysk Arr	24.88	258	I	P	P	12 22 20.8 +0.1	AKTO	Aktuyubinsk	59.26	315	P	P	12 26 58.6 -0.7
KOZ	Kozyrevsk	4.09	PN	12 18 01.5 +0.9	FYU	Fort Yukon	25.18	44	P		P	12 22 23.7 +0.5	KK31	Karatay Array	59.27	302	P	P	12 26 58.1 -1.4
KOZ	Kozyrevsk	4.09	PN	12 18 49.9 +1.4	FYU	Fort Yukon	25.18	44	P		P	12 22 23.7 +0.5	KK31	Karatay Array	59.27	302	P	P	12 26 58.1 -1.4
KOZ	Kozyrevsk	4.09	PN	12 18 01.5 +0.9	RIDG	Independent Ri	25.34	51	P		P	12 22 24.0 -0.7	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
KOZ	Kozyrevsk	4.09	PN	12 18 49.9 +1.4	RIDG	Independent Ri	25.34	51	P		P	12 22 24.0 -0.7	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
KOZ	Kozyrevsk	4.09	PN	12 18 01.5 +0.9	RIDG	Independent Ri	25.34	51	P		P	12 22 24.0 -0.7	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
KOZ	Kozyrevsk	4.09	PN	12 18 49.9 +1.4	RIDG	Independent Ri	25.34	51	P		P	12 22 24.0 -0.7	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
SRDR	Sredinnyy	4.22	PN	12 18 02.5 0.0	DOT	Dot	25.69	51	P		P	12 22 29.2 +1.3	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
SRDR	Sredinnyy	4.22	PN	12 18 02.5 0.0	VRDI	Verde Repeater	26.25	56	P		P	12 22 33.8 +0.5	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
SRDR	Sredinnyy	4.22	PN	12 18 02.5 0.0	VRDI	Verde Repeater	26.25	56	P		P	12 22 33.8 +0.5	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
SRDR	Sredinnyy	4.22	PN	12 18 02.5 0.0	VRDI	Verde Repeater	26.25	56	P		P	12 22 33.8 +0.5	KKAR	Karatay Array	59.27	302	P	P	12 26 58.7 -0.8
KII	Karymskiy	4.51	PN	12 18 07.2 +0.8	EGAG	Eagle	26.88	48	P		P	12 22 37.8 -0.8	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
KII	Karymskiy	4.51	PN	12 18 07.2 +0.8	KII	Matsushiro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
KII	Karymskiy	4.51	PN	12 18 07.2 +0.8	KII	Matsushiro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
KII	Karymskiy	4.51	PN	12 18 07.2 +0.8	KII	Matsushiro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
SPN	Mys Shipunski	4.58	PN	12 18 05.3 -2.0	MAJO	Majuro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
SPN	Mys Shipunski	4.58	PN	12 18 05.3 -2.0	MAJO	Majuro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
SPN	Mys Shipunski	4.58	PN	12 18 05.3 -2.0	MAJO	Majuro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
SPN	Mys Shipunski	4.58	PN	12 18 05.3 -2.0	MAJO	Majuro	27.06	238	I	P	P	12 22 41.5 +1.0	FINES	FINES Array B	59.66	339	P	P	12 27 01.5 -0.4
ESO	Esso	4.73	PN	12 18 10.3 +0.9	MJAR	Matsushiro Arr	27.06	238	I	P	P	12 22 41.5 +1.0	BORG	Borgarnes	60.20	4	P	P	12 27 07.5 +2.0
ESO	Esso	4.73	PN	12 18 10.3 +0.9	MJAR	Matsushiro Arr	27.06	238	I	P	P	12 22 41.5 +1.0	BORG	Borgarnes	60.20	4	P	P	12 27 07.5 +2.0
SMY	Shemya	4.91	PN	12 18 10.9 -0.9	MJAR	Matsushiro Arr	27.06	238	I	P	P	12 22 41.5 +1.0	BORG	Borgarnes	60.20	4	P	P	12 27 07.5 +2.0
SMY	Shemya	4.91	PN	12 18 10.9 -0.9	MJAR	Matsushiro Arr	27.06	238	I	P	P	12 22 41.5 +1.0	BORG	Borgarnes	60.20	4	P	P	12 27 07.5 +2.0
SMY	Shemya	4.91	PN	12 18 10.9 -0.9	MJAR	Matsushiro Arr	27.06	238	I	P	P	12 22 41.5 +1.0	BORG	Borgarnes	60.20	4	P	P	12 27 07.5 +2.0
SMY	Shemya	4.91	PN	12 18 10.9 -0.9	MJAR	Matsushiro Arr	27												

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, MAW, MAW, PETK, ASAR, ASAR, WRA, WRA, KURK, KURKB, ZALV, JKA, KLR, MKAR, MKAR, TLY, USRK, MAJO, MAT, MJAR, MJB, SONM, SONM, SONM, KSR, CMAR.

IDC 03 14:01:18.1±2.8, 30.20S±177.31W, h0km, mb3.5/2, mb1.3/8/2, mb1mx3.4/48, mbtmp3.5/2, Error ellipse: s-maj=57.7km s-min=28.8km az=83.0, Kermadec Islands

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

IDC 03 14:04:05.7±2.6, 22.15N±121.52E, h0km, mb3.7/5, mb1.3/8/5, mb1mx3.5/55, mbtmp3.7/5, Error ellipse: s-maj=234.7km s-min=20.5km az=63.0, TAP 03 14:04:20.7±2.2, 40N±121.57E, h118km, ML4.0, C ISC 03 14:04:20.1±0.9, 22.39N±121.53E±0.05, h127km±5km, n115, c097/172, mb3.6/5, 13C-1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAY, LAY, TTN, TTN, ECL, ECL, TAW, TAW, TWGBT, TWGBT, TWG, TWG, EAST, EAST, CHKT, TSEB, TSEB, TWKBT, TWKBT, TWK1, TWK1, TWK1, HEN, HEN, FULB, FULB, SCZT, SCZT, MASBT, MASBT, SSPT, SSPT, SSD, SSD, ELDTW, ELDTW, TWF1, TWF1, SLGT, SLGT, SGLT, SGLT, YULB, YULB, STYT, STYT, STYT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WLCH, TWP, HGSD, HGSD, TWM1, TWM1, SGST, SGST, EHY, EHY, KAU, KAU, KAU, SNJT, SNJT, SNJT, WTP, CHN1, CHN1, CHN1, TPUB, TPUB, TPUB, SNST, SNST, SNST, CHN3, CHN3, EGFH, EGFH, EGFH, CHN4, CHN4, CHN4, TWK, TWK, TWK, ALS, ALS, ALS, TAI, TAI, VVWD, VVWD, VVWD, ESL, ESL, ESL, CHN5, CHN5, CHN5, WHYT, WHYT, WHYT, SCLT, SCLT, SCLT, SSSL, SSSL, SSSL, CHN2, CHN2, CHY, CHY, CHN8, CHN8, CHN8, WKG, WKG, WKG, WLG, WLG, WLG, WDLH, WDLH, WDLH, SMLT, SMLT, SMLT, WJS, WJS, WJS, TYC, TYC, TYC, WNT, WNT, WNT, TWD, TWD, TWD, TWD, CHGB, CHGB, CHGB, DPDB, DPDB, DPDB, WSF, WSF, WSF, WHF, WHF, WHF, WHF, NACB, NACB, NACB, ET LH, ET LH, ET LH, ET LH, RLNB, RLNB, RLNB, WTC, WTC, WTC, TDCB, TDCB, TDCB, WCHH, WCHH, WCHH, TCU, TCU, TCU, WCHH, WCHH, WCHH, WDG, WDG, WDG, WDT, WDT, WDT, WHP, WHP, WHP, NNSB, NNSB, NNSB, NNSH, NNSH, NNSH.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSH, ENA, NNS, NNS, TWQ1, TWQ1, TWQ1, VCHM, VCHM, PHUB, PHUB, PHUB, PHUB, NDT, NDT, TWC, TWC, YHNB, YHNB, NSK, NSK, LIOB, LIOB, TWE, TWE, NWT, NWT, NTC, NTC, YOJ, YOJ, TIPB, TIPB, YMO1, YMO1, YMO1, YMO1, YMO1, YMO5, YMO5, YMO5, YMO5, YMO5, PTMZ, PTMZ, KNM, KNM, PTTC, PTTC, KNMB, KNMB, KNMB, ZPLA, ZPLA, MATB, MATB, AXDP, AXDP, ZZJH, ZZJH, MHZJ, MHZJ, LYJZ, LYJZ, MKAR, MKAR, ZALV, ZALV, H11N1, H11N1, H11N2, H11N2, H11N3, H11N3, H11S3, H11S3, H11S1, H11S1, H11S2, H11S2, WRB, WRB, ASAR, ASAR.

IDC 03 14:08:01.1±0.9, 55.34S±27.99W, h0km, mb4.0/4, mb1.4/1/5, mb1mx3.8/3/1, mbtmp4.0/5, ML4.1/1, Error ellipse: s-maj=44.3km s-min=21.9km az=82.0, ISC 03 14:08:05.1±0.9, 63.54S±0.1±28.0W±0.3, h26km, n10, c054/10, mb4.0/4, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA3, VNA3, SNA, SNA, SNA, GSPA, GSPA, VVND, VVND, LPAZ, LPAZ, TORD, TORD, INK, INK, ILAR, ILAR, SONM, SONM.

JMA 03 14:08:55.2±0.2, 34.69N±140.65E, h54km±2km, M3.0, IDC 03 14:08:58.2±4.5, 34.63N±140.37E, h60km±31km, mb3.3/3, mb1.3/5/4, mb1mx3.1/6/1, mbtmp3.5/4, ML2.3/1, MS2.8/1, Ms1.2/8/1, ms1mx2.5/28, Error ellipse: s-maj=65.9km s-min=7.9km az=76.0, ISC 03 14:08:56.3±1.1, 34.69N±140.60E±0.06, h49km±9km, n25, c063/29, mb3.7/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO3, BSO3, BSO1, BSO1, BSO4, BSO4, KTR, KTR, KTR, JKUC, JKUC, JKUC, TATJ, TATJ, JSMT, JSMT, JSMT, JIM2, JIM2, JIM2, JTHY, JTHY, JMKN, JMKN, JMKN, KTJ3, KTJ3, KTJ3, JOD2, JOD2, JHJ, JHJ, JHJ, MJAR, MJAR, MJAR, MAT, MAT, MAT.

Table with columns: BR131 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, WRA Warramunga Arr, ASAR Alice Springs, ESDC Sonseca Array, MAW Mawson, QSPA South Pole Qui, QSPA South Pole Qui. Includes station names, coordinates, and various parameters.

NEIC 03 14:34:02.8: 1.4, 22.4S: 0.2: 179.5W: 0.2, h597km, 10km, mb4.3/10, Error ellipse: s-maj=26.1km s-min=20.7km

IDC 03 14:34:05.5: 5.5, 22.27S: 179.71W, h613km, 57km, mb3.5/10, mb1.3/6.11, mb1mx3.2/4.1, mbtmp4.5/1.1, Error ellipse: s-maj=43.2km s-min=23.6km az=65.0

ISC 03 14:34:02.0: 7.2, 22.50S: 0.07: 179.47W: 0.10, h579km, n74, c1561/85, mb4.4/15, South of Fiji Islands

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like MSVF Nonsavu, RIZ Raoul Island, GLKZ Green Lake, NIUE Niue, DZM Mont Dzumac, KUZ Kuaotunu, WIAZ Waiheke Island, etc.

TUL 03 14:43:41.6: 1.2, 36.76N: 0.02: 98.05W: 0.03, h5km, 7km, ML3.1, Error ellipse: s-maj=3.2km s-min=2.0km az=69.0

ANF 03 14:43:41.9: 1.5, 36.71N: 98.07W, h5km, 11km, ML3.9/9, Error ellipse: s-maj=4.9km s-min=3.2km az=61.0

NEIC 03 14:43:42.1: 1.1, 36.74N: 0.02: 98.03W: 0.03, h6km, 7km, Error ellipse: s-maj=3.9km s-min=2.6km az=70.0

ISC 03 14:43:41.8: 1.3, 36.73N: 0.02: 98.01W: 0.03, h1km, 13km, n32, c083/37, Oklahoma

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like CROK Carrier, KAN10 Anthony SW Sta, KAN13 South Haven SW, etc.

Table with columns: U32A Winter Ranch, OK029 Liberty Lake, BC0K Bluff Creek, QU0K Quay, T35A Sooner Cattle, etc. Includes station names, coordinates, and various parameters.

TUL1 Leonard, TUL1 Leonard, WMOK Wichita Mounta, WMOK Wichita Mounta, CBKS Cedar Bluff

KSU1 Kansas State U, U38A Gravette, HHAR Hobbs, Z35A Perchaven, San, W39A Magellan

U38A Gravette, HHAR Hobbs, Z35A Perchaven, San, W39A Magellan, S39A Bolivar, U40A Yellville, MGMO Mountain Grove, BGNE Belgrade

WHTX Lake Whitney, WHTX Lake Whitney, X40A Basin Creek Fa, ANF 03 15:02:07.6: 0.6, 47.52N: 69.88W, h20km, 3km, ML1.9/6, Error ellipse: s-maj=4.2km s-min=2.3km az=17.1

OTT 03 15:02:07.5: 0.7, 47.57N: 69.85W, h13km, MN2.5/9, Charlevoix Seismic Zone, Qc. 5km northwest from Saint-Pascal, Qc

ISC 03 15:02:06.9: 0.8, 47.57N: 0.02: 69.86W: 0.02, h15km, 6km, n27, c053/50, 1C-5D, Gaspe Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like A16 Riviere Ouelle, A21 Saint Andre, A61 Sainte Mathild, A64 Saint Simon, A64 La Malbaie, A54 Misere, etc.

D61A St Aubert, Com, D61A St Aubert, Com, D61A St Aubert, Com, D62A Allapoint, All, D62A Allapoint, All, D60A Saint Jean D'O, D60A Saint Jean D'O, D60A Saint Jean D'O, E62A Clayton Lake, E62A Clayton Lake, DAQ Lac Daran, DAQ Lac Daran, BCL0 Boischatel, BCL0 Boischatel, WRO Lac Etchemin, E61A Lac Etchemin, E61A Lac Etchemin, E61A Lac Etchemin, QCC Quebec, QCC Quebec, D63A Stockholm, D63A Stockholm, E63A Oxbow, E63A Oxbow, E63A Oxbow, F61A St Evariste, E64C Bridgewater, E64C Bridgewater, DMCC Dolbeau-Mistas, DMCC Dolbeau-Mistas, CNO Baie Comeau, CNO Baie Comeau, DPQ Saint Jean, DPQ Saint Jean, DPQ Saint Jean, GSO Grosses Roches, GSO Grosses Roches, GSO Grosses Roches, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk

ISC 03 15:10:28.9: 1.1, 5.79S: 102.95E, h0km, mb4.1/11, mb1.4/2.12, mb1mx3.9/4.4, mbtmp4.1/12, ML3.9/1, MS3.2/1, Ms1.3/2.1, ms1mx2.6/5.1, Error ellipse: s-maj=43.7km s-min=14.7km az=48.0

DJA 03 15:10:33.9: 0.5, 6.5S: 10.3E: 1.7km, M4.4/13, ML4.4/13, NEIC 03 15:10:34.6: 1.4, 5.84S: 0.10: 102.94E: 0.10, h45km, 7km,

ISC 03 15:17:03.6: 1.0, 55.27S: 28.04W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/2.1, mbtmp4.0/3, Error ellipse: s-maj=45.5km s-min=31.9km az=92.0

NEIC 03 15:17:08.0: 1.2, 55.3S: 0.1: 28.1W: 0.3, h29km, 5km, mb4.4/3, Error ellipse: s-maj=25.0km s-min=13.5km az=55.0

ISC 03 15:17:07.8: 0.8, 55.3S: 0.1: 28.1W: 0.2, h26km, n18, c089/18, mb4.3/5, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like A16 Riviere Ouelle, A21 Saint Andre, A61 Sainte Mathild, A64 Saint Simon, A64 La Malbaie, A54 Misere, A11 Saint Roch-des, A11 Saint Roch-des, A11 Saint Roch-des, D61A St Aubert, Com, D61A St Aubert, Com, D61A St Aubert, Com, D62A Allapoint, All, D62A Allapoint, All, D60A Saint Jean D'O, D60A Saint Jean D'O, D60A Saint Jean D'O, E62A Clayton Lake, E62A Clayton Lake, DAQ Lac Daran, DAQ Lac Daran, BCL0 Boischatel, BCL0 Boischatel, WRO Lac Etchemin, E61A Lac Etchemin, E61A Lac Etchemin, E61A Lac Etchemin, QCC Quebec, QCC Quebec, D63A Stockholm, D63A Stockholm, E63A Oxbow, E63A Oxbow, E63A Oxbow, F61A St Evariste, E64C Bridgewater, E64C Bridgewater, DMCC Dolbeau-Mistas, DMCC Dolbeau-Mistas, CNO Baie Comeau, CNO Baie Comeau, DPQ Saint Jean, DPQ Saint Jean, DPQ Saint Jean, GSO Grosses Roches, GSO Grosses Roches, GSO Grosses Roches, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk

ISC 03 15:17:03.6: 1.0, 55.27S: 28.04W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/2.1, mbtmp4.0/3, Error ellipse: s-maj=45.5km s-min=31.9km az=92.0

NEIC 03 15:17:08.0: 1.2, 55.3S: 0.1: 28.1W: 0.3, h29km, 5km, mb4.4/3, Error ellipse: s-maj=25.0km s-min=13.5km az=55.0

ISC 03 15:17:07.8: 0.8, 55.3S: 0.1: 28.1W: 0.2, h26km, n18, c089/18, mb4.3/5, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, SNA A Neumayer, SNA A Neumayer, BELA Belgrano 2, SPB Sao Paulo, QSPA South Pole Qui, GSPA South Pole Qui, GO01 Chuzmiza, GO01 Chuzmiza, VNA Vanda, VNA Vanda, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, TORD Torodi Ar, INK Inuvik, INK Inuvik, ILAR Eielson Array, ILAR Eielson Array, SONM Songoing Array, SONM Songoing Array

ISC 03 15:21:25.9: 15.0, 51.91N: 178.46E, h93km, 139km, mb3.3/9, mb1.3/5.9, mb1mx3.3/5.4, mbtmp3.7/9, Error ellipse: s-maj=75.7km s-min=19.5km az=13.0

NEIC 03 15:21:26.0: 1.4, 51.6N: 0.1: 178.5E: 0.1, h110km, 5km, mb3.8/26, Error ellipse: s-maj=17.9km s-min=9.0km az=185.0

AEIC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.5E: 0.1, h112km, 4km, Error ellipse: s-maj=21.3km s-min=8.9km az=185.0

ISC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.48E: 0.05, h100km, n59, c1856/64, mb3.7/17, Rat Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like LSNW Little Sitkin, LSSA Little Sitkin

mb4.4/16, Error ellipse: s-maj=17.6km s-min=8.5km az=225.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like LWLI Liwa, MNAI Manna, MNAI Manna, KASI Kota Agung, MDSI Maura Dua, LHSI Lahat, BLSI Bandar Lampung, MASI Maura Aman, Be, SKJI Sukabumi, KRJI Kerinci, PPSI Pulau Pagai, CNJI Cibinang, LEM Lembeh, LEM Lembeh, CISI Cisarua, MYKOM Kota Tinggi, UGM Wanagama, GSI Gunungsitoli, JAGI Jajag, Banyuw, MYLDI Madyan, BATI Baunata, PBKT Pangani, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, FITZ Fitzroy Crossi, DAV Davao City (W), KNRA Kunurru, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leueuin H, H01W2 Cape Leueuin H, H01W1 Cape Leueuin H, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, WR0 Warramunga Arr, ASAR Angra, CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, MJB9 Matsu-Tunnel, SONM Songoing Array, MK31 Makanchi Array, MKAR Makanchi Array, USRK Ussuriysk Arr, KURK Kurchatov, KURK Kurchatov, ZAA0 Zalesovo Array, ZAA0 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KBZ Khabaz, KBZ Khabaz, BKZ Black Stamp Fm, BRTR Keskin Array B, TXAR Lajitas Array, TXAR Lajitas Array

ISC 03 15:17:03.6: 1.0, 55.27S: 28.04W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/2.1, mbtmp4.0/3, Error ellipse: s-maj=45.5km s-min=31.9km az=92.0

NEIC 03 15:17:08.0: 1.2, 55.3S: 0.1: 28.1W: 0.3, h29km, 5km, mb4.4/3, Error ellipse: s-maj=25.0km s-min=13.5km az=55.0

ISC 03 15:17:07.8: 0.8, 55.3S: 0.1: 28.1W: 0.2, h26km, n18, c089/18, mb4.3/5, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, SNA A Neumayer, SNA A Neumayer, BELA Belgrano 2, SPB Sao Paulo, QSPA South Pole Qui, GSPA South Pole Qui, GO01 Chuzmiza, GO01 Chuzmiza, VNA Vanda, VNA Vanda, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, TORD Torodi Ar, INK Inuvik, INK Inuvik, ILAR Eielson Array, ILAR Eielson Array, SONM Songoing Array, SONM Songoing Array

ISC 03 15:21:25.9: 15.0, 51.91N: 178.46E, h93km, 139km, mb3.3/9, mb1.3/5.9, mb1mx3.3/5.4, mbtmp3.7/9, Error ellipse: s-maj=75.7km s-min=19.5km az=13.0

NEIC 03 15:21:26.0: 1.4, 51.6N: 0.1: 178.5E: 0.1, h110km, 5km, mb3.8/26, Error ellipse: s-maj=17.9km s-min=9.0km az=185.0

AEIC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.5E: 0.1, h112km, 4km, Error ellipse: s-maj=21.3km s-min=8.9km az=185.0

ISC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.48E: 0.05, h100km, n59, c1856/64, mb3.7/17, Rat Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like LSNW Little Sitkin, LSSA Little Sitkin

ISC 03 15:21:25.9: 15.0, 51.91N: 178.46E, h93km, 139km, mb3.3/9, mb1.3/5.9, mb1mx3.3/5.4, mbtmp3.7/9, Error ellipse: s-maj=75.7km s-min=19.5km az=13.0

NEIC 03 15:21:26.0: 1.4, 51.6N: 0.1: 178.5E: 0.1, h110km, 5km, mb3.8/26, Error ellipse: s-maj=17.9km s-min=9.0km az=185.0

AEIC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.5E: 0.1, h112km, 4km, Error ellipse: s-maj=21.3km s-min=8.9km az=185.0

ISC 03 15:21:27.3: 1.9, 51.8N: 0.1: 178.48E: 0.05, h100km, n59, c1856/64, mb3.7/17, Rat Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters. Includes stations like LSNW Little Sitkin, LSSA Little Sitkin

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Little Sitkin, Semis Tuman, Semis Anvil P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Antikythira Is, comp=N,3um,0.4s, ANKY, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Santa Cruz, Bolinao, San Manuel, Pa, etc.

ISC 03 15:37:36.3; 1.7, 33.39S; 178.96W, h0km, mb4.2/2, mb1 4.5/3, mb1mx3.8/28, mbtmnp4.4/3, ML3.9/1, Error ellipse: s-maj=70.7km s-min=36.5km az=154.0 NEIC 03 15:37:39.2; 2.8, 33.02S; 0.10x 179.3W; 0.2, h9km, 5km, mb4.8/12, Error ellipse: s-maj=23.2km s-min=13.5km WEL 03 15:37:48.0; 0.3, 34.3S; 3.7W, h33km, M4.5/50, mb5.0/25, ML5.2/50, ML5.0/50, Mw(m)B4.4/25 ISC 03 15:37:39.8; 0.3, 33.05S; 0.03x 179.34W; 0.06, h10km, n117, 2854/103, mb4.7/8, 2C, South of Kermadec Islands

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

ISC 03 15:24:33.3; 1.4, 35.10N; 23.64E, h0km, mb3.6/4, mb1 3.6/8, mb1mx3.4/45, mbtmnp3.5/8, ML3.5/4, Error ellipse: s-maj=26.9km s-min=18.0km az=6.0 ATH 03 15:24:36.0; 35.36N; 23.67E, h2km, ML3.3/17, Error ellipse: s-maj=1.3km s-min=0.6km az=220.0 ISK 03 15:24:35.5; 35.33N; 23.66E, h2km, ML3.8/12 THE 03 15:24:36.7; 35.34N; 23.64E, h8km, 1km, ML3.3/10, Error ellipse: s-maj=1.2km s-min=0.5km az=161.0 ISC 03 15:24:36.4; 0.8, 35.33N; 23.67E; 0.103, h17km, 5km, n88, r1505/116, mb3.5/4, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Palaiochora Ch, Rodopos, Iera Moni Meta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VLY Voula, Athens, ATHU Athens, LTRK Loutraki, etc.

MAN 03 15:26:28.2, 15:35N; 119.89E, h46km, mb4.5, ML3.4, M53.2, 1C, Luzon

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

KRSC 03 15:46:22.0, 2.0, 55.03N:167.06E, h23km, 19km, ML4.2
IDC 03 15:46:21.2, 0.7, 55.18N:167.07E, h0km, mb3.8/16,
mb1.4/18, mb1mx3.9/61, mb1mp3.9/18, ML3.0, 2, MS2.5/2,
Ms1.2/5.2, ms1mx2.3/46, Error ellipse: s-maj=26.6km
s-min=12.3km az=159.0

MOS 03 15:46:22.3, 0.9, 55.15N:167.03E, h21km, mb4.1/5, Error
ellipse: s-maj=8.2km s-min=5.5km az=169.3
NEIC 03 15:46:25.0, 1.7, 55.2N:0.1:1:167.0E:0.1, h24km, 5km,
mb4.1/44, Error ellipse: s-maj=19.8km s-min=9.5km
az=173.0

ISC 03 15:46:24.0, 2.0, 55.13N:0.05:166.97E:0.04, h19km, n161,
a1933/185, mb4.1/41, Komandorsky Islands region

Main table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

Main table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

Table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

KRSC 03 15:49:57.5, 2.4, 55.03N:166.89E, h31km, 17km, ML3.6,
Komandorsky Islands region

Table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

KRSC 03 15:57:41.8, 2.4, 55.03N:167.10E, h32km, 22km, ML3.7,
Komandorsky Islands region

Table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

IDC 03 16:58:05.5, 1.9, 7.54S:128.61E, h169km, 24km, mb3.2/2,
s-maj=31.3km s-min=19.5km az=101.0
ISC 02 16:58:02.4, 0.8, 7.69S:0.06:128.85E:0.10, h131km, n7,
a2859/12, Banda Sea

Table listing station data for Komandorsky Islands region, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

KRSC 03 17:37:39.3, 2.6, 55.06N:166.94E, h36km, 20km, ML4.0
IDC 03 17:37:40.0, 0.8, 55.33N:166.79E, h0km, mb3.6/10,
mb1.3/8/11, mb1mx3.6/37, mb1mp3.6/11, ML3.0, 1, MS2.5/1,
Ms1.2/5.1, ms1mx2.2/33, Error ellipse: s-maj=32.1km

3d 18h

s-min=16.4km az=162.0
 ISC 03 17:37:42.7-0.8, 55.17N, 0.05:166.76E, 0.05, h19km, n56,
 e207/92, mb3.5/9, Komandorsky Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC	ISC	ISC
BKI	Bering	0.45 275	eP	Pg	17 37 51.8 +0.1
KBTR	Krutoberegovo	2.46 297	eS	Sb	17 37 59.8 +1.4
KBTR	Krutoberegovo	2.46 297	eS	Sb	17 38 01.2 -1.6
KBG	Krutoberegovo	2.54 297	eS	Sb	17 38 21.2 -1.6
KBG	Krutoberegovo	2.54 297	eS	Sb	17 38 52.0 -1.1
SMKR	Semkarok	3.30 298	eP	Pn	17 38 33.4 +0.1
SMKR	Semkarok	3.30 298	eP	Pn	17 39 15.6 +2.9
BDR	Baidarnaya	3.43 296	eS	Sb	17 38 35.4 +0.3
SRKR	Sorokina	3.48 298	eP	Pn	17 38 36.5 +0.8
ZLN	Zelenaya	3.48 287	eP	Pn	17 38 37.5 +1.6
ZLN	Zelenaya	3.48 287	eP	Pn	17 39 20.2 +3.6
BZGR	Bezmyannyi-Gr	3.53 285	eP	Sb	17 39 21.9 -1.1
BZGR	Bezmyannyi-Gr	3.53 285	eP	Sb	17 39 37.9 +1.4
CIRR	Tsirk	3.54 288	eP	Pn	17 38 38.2 +1.6
CIRR	Tsirk	3.54 288	eP	Pn	17 39 20.9 +2.9
LGNR	Loginova	3.56 287	eP	Pn	17 38 38.4 +1.3
LGNR	Loginova	3.56 287	eP	Pn	17 39 21.6 +2.8
KLY	Klyuchi	3.64 291	eP	Pn	17 39 20.1 +0.8
KLY	Klyuchi	3.64 291	eP	Pn	17 39 19.1 -1.1
BZWR	Bezmyannyi-We	3.64 285	eP	Sb	17 38 39.0 +0.8
BZWR	Bezmyannyi-We	3.64 285	eP	Sb	17 39 24.6 +3.9
TUMD	Tumrok D	3.65 273	eP	Pn	17 38 38.7 +0.7
TUMD	Tumrok D	3.65 273	eP	Pn	17 39 21.7 +3.2
KRSR	Krestovskiy	3.66 289	eP	Pn	17 38 38.6 +0.5
KRSR	Krestovskiy	3.66 289	eP	Pn	17 39 24.1 +3.1
KZV	Kizimen	3.71 272	eP	Pn	17 38 40.0 +1.0
KZV	Kizimen	3.71 272	eP	Pn	17 39 25.4 +3.1
KIRR	Kirishev	3.73 285	eP	Pn	17 38 39.8 +0.5
KIRR	Kirishev	3.73 285	eP	Pn	17 39 11.7 +0.8
KMNR	Kamenistaya	3.76 282	eP	Pn	17 38 41.9 +2.2
KMNR	Kamenistaya	3.76 282	eP	Pn	17 39 27.8 +4.4
TUMR	Tumrok	3.79 274	eP	Pn	17 38 42.3 +2.2
TUMR	Tumrok	3.79 274	eP	Pn	17 39 29.3 -5.1
KHPT	Kopyto	3.80 285	eP	Pn	17 39 19.1 +0.9
KHPT	Kopyto	3.80 285	eP	Pn	17 39 27.4 +3.1
KOZ	Kozyrevsk	4.00 286	eP	Sb	17 38 45.0 +2.0
KOZ	Kozyrevsk	4.00 286	eP	Sb	17 39 34.5 -6.1
SRDR	Sredinnyy	4.14 289	eP	Pn	17 38 46.3 +1.4
SRDR	Sredinnyy	4.14 289	eP	Pn	17 39 35.5 +2.7
KIL	Karymskiy	4.04 258	eP	Pn	17 39 50.1 +0.6
SPN	Mys Shipunski	4.47 245	eP	Pn	17 38 49.4 +0.1
SPN	Mys Shipunski	4.47 245	eP	Pn	17 39 39.5 -1.2
ESO	Esso	4.64 283	eP	Pn	17 38 53.7 +2.0
ESO	Esso	4.64 283	eP	Pn	17 39 47.6 +2.6
NLC	Nalytchevo	4.79 248	eP	Pn	17 38 53.8 +0.1
NLC	Nalytchevo	4.79 248	eP	Pn	17 39 48.1 +0.6
SDLR	Sedlovina	4.99 251	eP	Pn	17 38 58.5 +1.9
SDLR	Sedlovina	4.99 251	eP	Pn	17 39 56.1 +2.3
SMAR	Somma	5.04 251	eP	Pn	17 38 58.6 +1.2
SMAR	Somma	5.04 251	eP	Pn	17 39 56.0 +0.8
KRER	Koryakskii	5.05 252	eP	Pn	17 38 59.3 +1.8
KRER	Koryakskii	5.05 252	eP	Pn	17 39 50.9 +0.9
UGLR	Uglovaya	5.05 250	eP	Pn	17 38 59.0 +1.5
UGLR	Uglovaya	5.05 250	eP	Pn	17 39 55.4 +0.1
AVH	Avacha	5.08 251	eP	Pn	17 38 59.5 +1.8
AVH	Avacha	5.08 251	eP	Pn	17 39 57.1 +1.3
KRX	Koryaka	5.09 252	eP	Pn	17 38 59.9 +1.7
KRX	Koryaka	5.09 252	eP	Pn	17 39 56.2 0.0
KOK	Koryaka	5.12 252	eP	Pn	17 39 00.0 +1.6
KOK	Koryaka	5.12 252	eP	Pn	17 39 57.6 +0.7
DALK	Dalny	5.17 249	eP	Pn	17 39 00.0 +1.0
DALK	Dalny	5.17 249	eP	Pn	17 39 57.1 -0.9
RUS	Russkaya	5.60 244	eP	Pn	17 39 05.9 +1.1
KRMR	Karymskiy	5.60 249	eP	Pn	17 39 07.0 +2.2
KRMR	Karymskiy	5.60 249	eP	Pn	17 40 11.5 +2.9
PETK	Petrovskiy	5.71 253	eP	Pn	17 39 08.3 +1.9
PETK	Petrovskiy	5.71 253	eP	Pn	17 40 13.5 +2.2
PETK	Petrovskiy	5.71 253	eP	Pn	17 41 24.3
MTVR	Mutnovka	5.75 246	eP	Pn	17 39 08.0 +1.0
MTVR	Mutnovka	5.75 246	eP	Pn	17 40 12.4 +0.1
GRL	Gorelyy	5.77 247	eP	Pn	17 39 09.0 +1.7
GRL	Gorelyy	5.77 247	eP	Pn	17 40 15.1 +2.2
ASAK	Asacha	5.95 246	eP	Pn	17 39 11.3 +1.6
ASAK	Asacha	5.95 246	eP	Pn	17 40 18.6 +1.4
ASAK	Asacha	5.95 246	eP	Pn	17 40 22.7 +2.5
APC	Apacha	6.08 252	eP	Pn	17 40 23.3 +3.4
APC	Apacha	6.08 252	eP	Pn	17 40 23.3 +3.4
KDTR	Khodutka, Kamc	6.17 241	eP	Pn	17 39 12.4 -0.3
KDTR	Khodutka, Kamc	6.17 241	eP	Pn	17 40 19.7 -3.0
SKR	Severo-Kuril's	7.84 239	eP	Pn	17 39 36.3 +0.7
SKR	Severo-Kuril's	7.84 239	eP	Pn	17 39 40.4 -3.3
ALD	Alaid	8.01 242	eP	Pn	17 39 40.2 +2.2
YAK	Yakutsk	20.27 305	Pn	P	17 42 15.2 -1.4
ILAR	Eielson Array	24.54 48	P	P	17 42 59.5 -1.1
ILAR	Eielson Array	24.54 48	P	P	17 43 24.2 +1.5
MJAR	WAKE ISLAND Hy 35.38 180	26.95 238	T	T	18 21 47.2
H1N2	WAKE ISLAND Hy 35.38 180	26.95 238	T	T	18 21 49.3
H1N1	WAKE ISLAND Hy 35.38 180	26.95 238	T	T	18 21 43.6
SOMN	Songino Array	37.21 284	P	P	17 44 53.3 +0.7
MKAR	Makanchi Array	50.72 298	P	P	17 46 40.2 -0.6
NVAR	Mina Array Bay	51.39 76	P	P	17 46 46.5 +0.4
PDAR	Pinedale Array	53.09 66	P	P	17 46 58.4 -0.4
TXAR	Lajitas Array	66.24 73	P	P	17 48 29.3 -0.1
WRA	Warramunga Arr	75.75 211	P	P	17 49 49.7 +0.6
ASAR	Alice Springs	83.39 210	P	P	17 50 09.5 +1.2

ISC 03 17:46:16.0-1.1, 55.34N, 166.82E, h0km, mb3.3/5,
 mb1 3.6/6, mb1mx3.4/36, mbtmp3.4/6, ML2.7/1, MS2.4/1,
 Ms1 2.4/1, ms1mx2.2/28, Error ellipse: s-maj=47.4km
 s-min=22.9km az=156.0

KRSC 03 17:46:16.9-1.6, 55.10N, 166.82E, h39km, 15km, ML3.5
 ISC 03 17:46:20.8-1.0, 55.18N, 166.84E, 0.08, h35km, n58,
 e152/73, mb3.4/5, Komandorsky Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC	ISC	ISC
BKI	Bering	0.50 274	eP	Pg	17 46 27.9 +0.2
KBTR	Krutoberegovo	2.50 296	eS	Sb	17 46 35.4 -3.3
KBTR	Krutoberegovo	2.50 296	eS	Sb	17 46 56.5 -2.4
KBG	Krutoberegovo	2.58 297	eS	Sb	17 47 27.0 -1.1
KBG	Krutoberegovo	2.58 297	eS	Sb	17 46 57.5 -2.4
SMKR	Semkarok	3.34 297	eP	Pn	17 47 29.4 -0.6
BDR	Baidarnaya	3.46 296	eS	Sb	17 47 12.2 -0.1
SRKR	Sorokina	3.52 297	eP	Pn	17 47 12.6 -0.4
ZLN	Zelenaya	3.52 286	eP	Pn	17 47 14.0 +0.9
BZGR	Bezmyannyi-Gr	3.57 285	eP	Pn	17 47 14.1 +0.4
BZGR	Bezmyannyi-Gr	3.57 285	eP	Pn	17 47 22.2 +2.5
LGNR	Loginova	3.60 287	eP	Pn	17 47 15.3 +1.0
LGNR	Loginova	3.60 287	eP	Pn	17 47 56.9 +1.2
KLY	Klyuchi	3.68 291	eP	Pn	17 47 13.3 -1.8
KLY	Klyuchi	3.68 291	eP	Pn	17 47 55.3 -1.8
BZMR	Bezmyannaya	3.68 285	eP	Pn	17 48 04.4 +2.8
BZWR	Bezmyannyi-We	3.69 285	eP	Sb	17 47 15.6 +0.2
BZWR	Bezmyannyi-We	3.69 285	eP	Sb	17 47 59.1 +1.5
TUMD	Tumrok D	3.69 273	eP	Pn	17 47 15.7 +0.4
TUMD	Tumrok D	3.69 273	eP	Pn	17 47 59.1 +1.6
KRSR	Krestovskiy	3.70 289	eP	Pn	17 47 15.2 -0.3
KRSR	Krestovskiy	3.70 289	eP	Pn	17 47 58.4 +0.4
KZV	Kizimen	3.75 272	eP	Pn	17 47 16.6 +0.3
KZV	Kizimen	3.75 272	eP	Pn	17 48 00.5 +1.2
KIRR	Kirishev	3.77 285	eP	Pn	17 47 16.4 -0.1
KIRR	Kirishev	3.77 285	eP	Pn	17 48 02.3 +2.6
KMNR	Kamenistaya	3.80 281	eP	Pn	17 47 17.2 +0.9
KMNR	Kamenistaya	3.80 281	eP	Pn	17 48 02.2 +2.2
TUMR	Tumrok	3.83 274	eP	Pn	17 47 18.7 +1.4
TUMR	Tumrok	3.83 274	eP	Pn	17 48 03.1 +1.9
KPT	Kopyto	3.84 285	eP	Pn	17 47 17.8 +0.4

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Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC	ISC	ISC
KPT	Kopyto	3.84 285	eP	Pn	17 48 02.8 +1.5
KOZ	Kozyrevsk	4.04 285	eP	Pn	17 47 21.1 +0.9
KOZ	Kozyrevsk	4.04 285	eP	Pn	17 48 00.0 +1.7
SRDR	Sredinnyy	4.14 289	eP	Pn	17 47 22.5 +0.4
KIL	Karymskiy	4.48 258	eP	Pn	17 47 25.6 +0.9
SPN	Mys Shipunski	4.51 245	eP	Pn	17 47 26.7 +0.4
SPN	Mys Shipunski	4.51 245	eP	Pn	17 48 16.9 -0.9
ESO	Esso	4.64 283	eP	Pn	17 47 28.6 -0.3
NLC	Nalytchevo	4.84 249	eP	Pn	17 47 30.8 -0.2
NLC	Nalytchevo	4.84 249	eP	Pn	17 48 24.6 -1.1
SDLR	Sedlovina	5.04 251	eP	Pn	17 47 34.7 +0.8
SDLR	Sedlovina	5.04 251	eP	Pn	17 48 30.0 +0.8
SMAR	Somma	5.05 252	eP	Pn	17 47 35.1 +0.4
SMAR	Somma	5.05 252	eP	Pn	17 48 32.0 -0.3
KRER	Koryakskii	5.10 252	eP	Pn	17 47 35.4 +0.6
KRER	Koryakskii	5.10 252	eP	Pn	17 48 31.7 -0.8
UGLR	Uglovaya	5.10 251	eP	Pn	17 47 36.1 +0.4
UGLR	Uglovaya	5.10 251	eP	Pn	17 48 33.4 +1.0
AVH	Avacha	5.12 251	eP	Pn	17 47 36.0 +1.0
AVH	Avacha	5.12 251	eP	Pn	17 48 33.9 +1.0
KRX	Koryaka	5.13 253	eP	Pn	17 47 35.8 +0.6
KRX	Koryaka	5.13 253	eP	Pn	17 48 31.4 -1.8
KOK	Koryaka	5.17 252	eP	Pn	17 47 35.1 +0.4
KOK	Koryaka	5.17 252	eP	Pn	17 48 33.6 -0.4
DALK	Dalny	5.22 249	eP	Pn	17 47 36.3 0.0
DALK	Dalny	5.22 249	eP	Pn	17 48 34.1 -1.0
PET	Petrovskiy	5.28 249	eP	Pn	17 47 37.2 +0.2
PET	Petrovskiy	5.28 249	eP	Pn	17 48 36.5 0.0
RUS	Russkaya	5.64 244	eP	Pn	17 47 41.0 -1.1
RUS	Russkaya	5.64 244	eP	Pn	17 48 45.1 -0.5
KRMR	Karymskiy	5.65 249	eP	Pn	17 47 43.6 +1.5
KRMR	Karymskiy	5.65 249	eP	Pn	17 48 45.7 0.0
PETK	Petrovskiy	5.76 253	eP	Pn	17 47 44.7 +1.0
PETK	Petrovskiy	5.76 253	eP	Pn	17 48 53.0 +4.5
PETK	Petrovskiy	5.76 253	eP	Pn	17 49 56.9
MTVR	Mutnovka	5.75 246	eP	Pn	17 47 44.7 +0.4
MTVR	Mutnovka	5.75 246	eP	Pn	17 48 48.8 -0.7
GRL	Gorelyy	5.81 247	eP	Pn	17 47 45.4 +0.8
GRL	Gorelyy	5.81 247	eP	Pn	17 48 49.9 -1.1
ASAK	Asacha	5.95 246	eP	Pn	17 47 47.8 +0.8
ASAK	Asacha	5.95 246	eP	Pn	17 48 54.7 -0.4
APC	Apacha	6.13 252	eP	Pn	17 47 50.7 +1.9
KDTR	Khodutka, Kamc	6.22 241	eP	Pn	17 47 49.7 -0.3
KDTR	Khodutka, Kamc	6.22 241	eP	Pn	17 48 58.4 -1.4
SKR	Severo-Kuril's	7.88 240	eP	Pn	17 48 13.3 +0.5
ILAR	Eielson Array	24.54 48	P	P	17 51 36.3 0.0
H1N2	WAKE ISLAND Hy 35.38 180	26.95 238	T	T	18 30 22.2
H1N1	WAKE ISLAND Hy 35.40 180	26.95 238	T	T	18 30 21.6
H1N1	WAKE ISLAND Hy 35.40 180	26.95 238	T	T	18 30 23.5
MKAR	Makanchi Array	50.72 298	P	P	17 55 16.0 -1.0
TXAR	Lajitas Array	66.24 73	P	P	17 57 05.2 +0.2
WRA	Warramunga Arr	7			

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like White Salmon, Taejon, Nakatsu, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Camas Ranch, Pah Rah Range, Virginia City, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LKWW, Mirror Lake Pl, Indian Meadow, etc.

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3d 19h

3d 19h

Table with columns: Code, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like Pasadena Art C, Shoshone, Tecco, etc.

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Table with columns: Code, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like Saucer Basin, Paradox Valley, Red Feather La, etc.

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Table with columns: Code, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like Jazzator, Alta, Kiritimati, etc.

MNTX	Cornudas Mount	57.53	79	P	P	19 16 25.9 +0.2
MNTX	baz=315,SNR=210			S	S	19 24 17.8 +3.7
MNTX	Cornudas Mount	57.53	79	I Amb	I Amb	19 16 27.1
SCIA	State Center	57.54	62	P	P	19 16 25.1 -0.5
KSU1	Kansas State U	57.57	67	P	P	19 16 24.6 -1.3
TRO	Tromso	57.67	352	eP	P	19 16 26.5 +0.4
APA	Apafity	57.81	345	i/P	P	19 16 26.5 -0.6
APA				i/P	P	19 16 53.0 -0.9
APA				i	P	19 17 15.0
KTK1	Kautokeino	57.84	350	eP	P	19 16 27.3 0.0
MK31	Makanchi Array	58.23	307	i/P	P	19 16 30.1 +0.3
MKAR	Makanchi Array	58.23	307	P	P	19 16 30.4 0.0
MKAR	comp=Z,30nm,0.6s,baz=51,slow=6.5,SNR=282			PcP	PcP	19 17 21.1 +0.7
MKAR	comp=Z,23nm,0.7s,baz=48,slow=6.7,SNR=5.7			ScP	ScP	19 21 08.8 -0.7
MKAR	comp=Z,4.7nm,0.8s,baz=46,slow=3.5,SNR=3.6			S	S	19 24 23.8 +1.0
MKAR	comp=Z,8.7nm,1.1s,baz=50,slow=15,SNR=6.0			ScS	ScS	19 26 08.3 0.0
MKAR	comp=Z,12nm,1.1s,baz=60,slow=7.2,SNR=9.1			LR	LR	19 41 30.4
MKAR	comp=Z,870nm,21.2s,baz=32,slow=36			PcP	PcP	19 45 59.4 -1.2
MKAR	comp=Z,2.1nm,0.9s,baz=252,slow=2.4,SNR=7.1			P	P	19 53 39.4
MKAR	comp=Z,0.7nm,0.9s,baz=0.0,slow=6.3,SNR=4.6			P	P	19 16 29.6 -1.3
N38A	Joess South For	58.29	63	P	P	19 16 31.1 -0.3
MAKZ	Makanchi	58.37	307	P	P	19 16 34.4
MAKZ	comp=Z,57nm,0.7s			I Amb	I Amb	19 16 34.4
JFWS	Jewell Farm	58.45	60	P	P	19 16 30.7 -1.2
L40A	Anemusa	58.51	61	I Amb	I Amb	19 16 32.4
GYA	Guiyang	58.53	274	i/P	P	19 16 32.9 0.0
GYA				pP	pP	19 17 03.2 +2.4
GYA				sP	sP	19 17 11.5 +2.1
GYA				PcP	PcP	19 17 22.1 +0.1
GYA				ScP	ScP	19 21 11.4 +0.1
GYA				S	S	19 24 26.5 -1.0
GYA				ScS	ScS	19 26 09.3 -2.1
GYA				SS	SS	19 28 21.8 +0.3
GYA				pmx	pmx	
D46A	Sault St. Mari	58.87	53	P	P	19 16 34.5 -0.2
F45A	CMU Biological	58.97	54	P	P	19 16 35.3 -0.2
T35A	Sooner Cattle	59.13	68	I Amb	I Amb	19 16 37.3
TGY	Tagayay City	59.17	252	ScP	ScP	19 21 16.0 +1.9
D47A	Chapleau	59.20	52	P	P	19 16 36.9 -0.2
BRVK	Borovoye	59.23	318	P	P	19 16 38.2 +1.0
BRVK	Borovoye	59.23	318	P	P	19 16 38.2 +1.0
BRVK	Borovoye	59.23	318	pmx	pmx	
BRVK	Borovoye	59.23	318	I Amb	I Amb	19 16 38.2 +1.0
BRVK	Borovoye	59.23	318	P	P	19 16 39.3
WMOK	Wichita Mounta	59.34	72	P	P	19 16 37.8 -0.4
WMOK	Wichita Mounta	59.34	72	I Amb	I Amb	19 16 39.1
N2V1	Winje	59.34	353	eP	P	19 16 38.4 +0.8
G45A	Suttons Bay	59.35	55	P	P	19 16 37.9 -0.2
ANGG	Ammassalik, Gr	59.42	16	I Amb	I Amb	19 16 38.7
H45A	Beulah	59.45	56	P	P	19 16 38.2 -0.6
QUOK	Quay	59.54	69	I Amb	I Amb	19 16 39.6
E47A	Iron Bridge	59.54	53	P	P	19 16 39.1 -0.3
E47A	baz=315			S	S	19 24 37.5 -2.3
N2H1	Imnhavet	59.55	352	eP	P	19 16 39.8 +0.7
G46A	Petoskey	59.56	54	P	P	19 16 39.5 -0.1
LOF	Lofoten	59.57	353	eP	P	19 16 40.0 +0.7
STEI	Steigen	59.54	353	eP	P	19 16 39.6 -0.1
D48A	Faunsh Townsh	59.75	51	P	P	19 16 40.4 -0.4
H45A	Fountain	59.76	56	P	P	19 16 40.7 -0.3
D49A	Beulah Townshi	59.89	51	P	P	19 16 41.3 -0.5
X34A	Smith Ranch, M	59.99	71	I Amb	I Amb	19 16 44.0
N2T1	Tvrnivk	60.01	353	eP	P	19 16 44.7 +2.5
SVE	Sverdlovsk	60.05	326	i/P	P	19 16 44.5 +1.8
SVE	eS			P	P	19 24 49.9 +4.0
SVE	comp=Z,323nm,1.1s			MLR	MLR	
E48A	Lockey	60.07	52	P	P	19 16 42.7 -0.3
G47A	Hillman	60.16	54	P	P	19 16 43.6 -0.1
FAUS	Fausk	60.18	353	eP	P	19 16 43.9 +0.5
N2ST	Straumen	60.19	352	eP	P	19 16 44.1 +0.6
L44A	Lake County Fo	60.20	59	P	P	19 16 43.2 -0.8
H46A	Reed City	60.23	56	P	P	19 16 44.0 -0.2
TX32	Lajitas Array	60.24	80	I Amb	I Amb	19 16 45.7
TXAR	Lajitas Array	60.25	80	P	P	19 16 44.5 -0.1
TXAR	comp=Z,84nm,0.7s,baz=304,slow=5.0,SNR=7.7			PcP	PcP	19 17 30.1 +1.3
TXAR	comp=Z,2.25nm,0.9s,baz=285,slow=2.8,SNR=4.7			ScP	ScP	19 21 17.6 -1.2
TXAR	comp=Z,12nm,0.8s,baz=286,slow=3.3,SNR=10			P	P	19 46 05.7 -2.6
TUL1	Leonard	60.25	69	P	P	19 16 43.5 -0.9
TUL1	Leonard	60.25	69	I Amb	I Amb	19 16 44.8
F48A	Evansville	60.31	53	P	P	19 16 44.5 -0.1
ABTX	Ablene, Hawle	60.32	74	P	P	19 16 44.8 -0.2
FUNA	Funafuti	60.37	179	P	P	19 16 46.3 +0.9
FUNA	comp=Z,142nm,1.0s			I Amb	I Amb	19 16 48.5
H47A	Mio	60.40	55	P	P	19 16 44.8 -0.5
BRZS	Berezni	60.46	314	i/P	P	19 16 56.3 +1.1
BRZS	comp=Z,60nm,1.0s,baz=314			ePcP	PcP	19 17 39.6 +1.0
BRZS	baz=314			eS	S	19 25 02.2 +1.1
KRVT	Keravit (AS076	60.49	211	P	P	19 16 45.8 -0.4
HOIL	Hanson Quarry C	60.50	59	P	P	19 16 45.4 -0.6
SLBS	Sierra La Lagu	60.50	89	P	P	19 16 46.8 +0.5
SCHO	Schefferville	60.51	37	P	P	19 16 46.6 +0.7
SCHO	comp=Z,42nm,0.5s,baz=306,slow=6.3,SNR=43			LR	LR	19 46 04.7
SCHO	comp=Z,826nm,18.1s,baz=326,slow=39			P	P	19 46 04.8 -3.3
SCHO	comp=Z,7.0nm,0.9s,baz=62,slow=3.0,SNR=4.0			P	P	19 16 47.2
R40A	Maddies Statio	60.57	65	P	P	19 16 44.5 -2.1
R40A	comp=Z,119nm,1.1s			I Amb	I Amb	19 16 45.9
PRGR	Pernogore	60.58	336	i/P	P	19 16 47.0 +0.8
PRGR	eS			P	P	19 17 17.0 -0.3
PRGR				i/S	P	19 24 54.0 +1.5

PRGR	comp=Z,126nm,0.9s			pmx	pmx	
HDIL	Hopedale	60.60	61	P	P	19 16 45.8 -0.9
NB05	Inddy	60.62	353	eP	P	19 16 47.8 +1.5
LSOQ	Label-sur-Quev	60.64	47	P	P	19 16 45.7 -1.2
F49A	Sandfield	60.64	52	P	P	19 16 46.6 -0.3
I47A	Gladford Bwr	60.66	55	I Amb	I Amb	19 16 48.2
U38A	Gravette	60.68	67	I Amb	I Amb	19 16 47.0
D50A	G1974 Best Tow	60.69	50	P	P	19 16 46.3 -0.9
NBB30	Finnes	60.70	353	eP	P	19 16 47.0 0.0
N50A	Wahnapitae	60.80	51	P	P	19 16 47.5 -0.5
E117	Glomford Bwr	60.84	353	eP	P	19 16 50.7 +2.8
D51A	Lot 18 Range I	60.96	50	P	P	19 16 48.0 -1.0
J47A	Summer	61.05	56	I Amb	I Amb	19 16 50.6
ARU	Arti	61.07	327	P	P	19 16 51.1 +1.4
ARU	Arti	61.07	327	i/P	P	19 16 50.9 +1.2
ARU	Arti	61.07	327	i/P	P	19 17 17.3 +0.4
ARU	Arti	61.07	327	i/P	P	19 17 34.0
ARU	Arti	61.07	327	i/P	P	19 17 34.0
ARU	Arti	61.07	327	i/P	P	19 25 03.4 +4.4
ARU	Arti	61.07	327	i/P	P	19 26 28.9
ARU	Arti	61.07	327	i/P	P	19 31 48.8
ARU	Arti	61.07	327	i/P	P	19 16 50.8 +1.2
ARU	Arti	61.07	327	i/P	P	19 16 51.5
P43A	Skaggs, Pawnee	61.13	62	I Amb	I Amb	19 16 51.2
CHGQ	Chibougannau	61.16	45	P	P	19 16 49.4 -1.0
NBB40	Tonnes	61.21	353	eP	P	19 16 50.6 +0.2
KNS	Kanskiv	61.21	353	eP	P	19 16 51.2 +0.8
Z35A	Percheven, San	61.23	72	I Amb	I Amb	19 16 51.6
CCM	Cathedral Cave	61.31	64	P	P	19 16 49.8 -1.7
E51A	G1948 Merrick	61.31	50	P	P	19 16 50.5 -1.0
TDK	Taldyqorghan	61.41	307	i/P	P	19 16 53.0 +0.9
TDK	comp=Z,86nm,0.8s,baz=307			ePcP	PcP	19 17 33.7 +0.6
TDK	baz=307			eS	S	19 25 04.4 +0.7
TDK	Taldyqorghan	61.41	307	i/P	P	19 16 53.0 +0.9
TDK	Taldyqorghan	61.41	307	i/P	P	19 25 04.3 +0.7
TDK	Taldyqorghan	61.41	307	i/P	P	19 16 53.2
X37A	Clayton	61.43	70	I Amb	I Amb	19 16 53.2
MOR	Moi Rana	61.44	353	eP	P	19 16 51.0 -1.0
SLM	Saint Louis	61.45	63	I Amb	I Amb	19 16 52.0
D52A	ZEK Kipawa Sen	61.50	49	P	P	19 16 51.7 -1.0
F51A	Arnstein	61.55	51	P	P	19 16 52.1 -0.9
I49A	Point Hope	61.56	54	I Amb	I Amb	19 16 54.3
U40A	Yellville	61.61	67	P	P	19 16 51.9 -1.7
JCT	Junction City	61.75	76	P	P	19 16 53.9 -0.8
JCT	Junction City	61.75	76	I Amb	I Amb	19 16 55.8
D53A	Lac Vaciue, Po	61.76	49	P	P	19 16 53.5 -0.9
D53A	Lac Vaciue, Po	61.76	49	I Amb	I Amb	19 16 55.1
NRS	Narsarsuaq	61.81	22	i/P	P	19 16 54.5 0.0
NRS	Narsarsuaq	61.81	22	i/P	P	19 16 54.5 0.0
NRS	Narsarsuaq	61.81	22	i/P	P	19 16 54.5 0.0
E52A	Mattawa	61.89	50	P	P	19 16 54.3 -1.0
OTUK	Ortavy	61.89	313	P	P	19 16 56.2 +0.8
SFIN	Lafayette	61.91	60	P	P	19 16 55.0 -0.5
W39A	Magazine	61.91	68	P	P	19 16 54.8 -0.8
KMI	Kunming	61.92	275	i/P	P	19 16 56.5 +0.4
KMI	Kunming	61.92	275	i/P	P	19 17 23.3 -1.1
KMI	Kunming	61.92	275	i/P	P	19 17 35.0 -0.8
KMI	Kunming	61.92	275	i/P	P	19 17 39.4 +2.3
KMI	Kunming	61.92	275	i/P	P	19 21 23.0 -3.4
KMI	Kunming	61.92	275	i/P	P	19 25 04.7 -6.3
KMI	Kunming	61.92	275	i/P	P	19 26 35.5 -1.4
KMI	Kunming	61.92	275	i/P	P	19 16 56.2 +0.8
KMI	Kunming	61.92	275	i/P	P	19 16 55.0 -0.5
KMI	Kunming	61.92	275	i/P	P	19 16 54.8 -0.8
KMI	Kunming	61.92	275	i/P	P	19 16 56.5 +0.4
KMI	Kunming	61.92	275	i/P	P	19 17 23.3 -1.1
KMI	Kunming	61.92	275	i/P	P	19 17 35.0 -0.8
KMI	Kunming	61.92	275	i/P	P	19 17 39.4 +2.3
KMI	Kunming	61.92	275	i/P	P	19 21 23.0 -3.4
KMI	Kunming	61.92	275	i/P	P	19 25 04.7 -6.3
KMI	Kunming	61.92	275	i/P	P	19 26 35.5 -1.4
KMI	Kunming	61.92	275	i/P	P	19 16 56.2 +0.8
KMI	Kunming	61.92	275	i/P	P	19 16 55.0 -0.5
KMI	Kunming	61.92	275	i/P	P	19 16 54.8 -0.8
KMI	Kunming	61.92	275	i/P	P	19 16 56.5 +0.4
KMI	Kunming	61.92	275	i/P	P	19 17 23.3 -1.1
KMI	Kunming	61.92	275	i/P	P	19 17 35.0 -0.8
KMI	Kunming	61.92	275	i/P	P	19 17 39.4 +2.3
KMI	Kunming	61.92	275	i/P	P	19 21 23.0 -3.4
KMI	Kunming	61.92	275	i/P	P	19 25 04.7 -6.3
KMI	Kunming	61.92	275	i/P	P	19 26 35.5 -1.4
KMI	Kunming	61.92	275	i/P	P	19 16 56.2 +0.8
KMI	Kunming	61.92	275	i/P	P	19 16 55.0 -0.5
KMI	Kunming	61.92	275	i/P	P	19 16 54.8 -0.8
KMI	Kunming	61.92	275			

CJR	Cluj-Napoca	79.23 343	P	P	19 18 41.8 +1.3
BUD	Budapest	79.25 346	P	P	19 18 42.6 +2.1
BUD			pmax	pmax	
CONA	comp-Z,55nm,1.0s				
CONA	Conrad Observa	79.25 348	iP	P	19 18 41.4 +0.7
CONA	comp-Z,27nm,1.2s,SNR=20		iSP	pwP	19 19 16.8 +3.4
CONA	comp-Z,35nm,1.5s				
CONA	comp-Z,1.7nm,0.8s				
BASI	Baing, Sumba	79.36 238	P	P	19 18 41.9 +0.4
OZUR	79.41 341	UP	P	P	19 18 42.8 +1.3
TPRI	Tanjung Pinang	79.41 258	UP	P	19 18 42.7 +0.8
BATM	Batumi	79.42 328	UP	P	19 18 41.6 +0.0
BATM	Batumi	79.42 328	UP	P	19 18 41.6 +0.0
VRI	Vriçioia	79.43 340	UP	P	19 18 42.3 +0.7
VRI	Vriçioia	79.43 340	UP	P	19 18 42.3 +0.7
OBDI	Odobesti	79.46 340	UP	P	19 18 43.1 +1.7
PLOR	Plostina	79.46 340	UP	P	19 18 42.3 +0.5
PLOR	Plostina	79.46 340	UP	P	19 18 42.3 +0.5
WBSI	Waikabubak, Su	79.50 239	UP	P	19 18 40.5 -1.8
FUR	Furstenfeldbrü	79.52 351	eP	P	19 18 42.5 +0.5
FUR	comp-Z,33nm,1.2s,baz=9.2,slow=5.6				
MOA	Molin	79.52 349	iP	P	19 18 42.2 +0.2
MOA	comp-Z,8.6nm,1.4s				
MOA	comp-Z,17nm,1.1s				
FLN	La Foliniere	79.53 359	eP	P	19 18 41.4 -0.6
FLN			pmax	pmax	
BCA	Borcka	79.58 328	UP	P	19 18 42.8 +0.2
BCA	Borcka	79.58 328	UP	P	19 18 42.8 +0.2
BFO	Black Forest	79.60 353	eP	P	19 18 42.0 -0.5
BFO	comp-Z,47nm,1.4s				
BFO	Black Forest	79.60 353	eP	P	19 18 42.8 +0.3
BFO	comp-Z,18nm,1.3s,baz=9.2,slow=5.6				
BFO	baz=9.2,slow=5.6				
BFO	Black Forest	79.60 353	eP	P	19 18 42.0 -0.5
DOPR	Dopca	79.61 341	UP	P	19 18 43.8 +1.2
DOPR	Dopca	79.61 341	UP	P	19 18 43.8 +1.2
HLRC	Hlumec	79.63 339	UP	P	19 18 43.5 +0.9
TLCR	79.63 339	UP	P	P	19 18 43.5 +0.9
PLAI	Plampang	79.68 241	UP	P	19 18 41.8 -1.5
LDF	La Druitiere	79.69 359	eP	P	19 18 42.2 -0.7
LDF			pmax	pmax	
CFR	comp-Z,34nm,1.0s				
RJOB	Jochberg	79.79 339	UP	P	19 18 43.9 +0.4
RJOB	comp-Z,6.5nm,0.9s,baz=9.2,slow=5.6				
KARR	Kars	79.84 327	eP	P	19 18 46.6 +2.5
GRR	Gorron	79.90 360	eP	P	19 18 43.6 -0.5
GRR			pmax	pmax	
ROSF	Roštenen	79.94 1 eP	P	P	19 18 44.0 -0.3
ROSF			pmax	pmax	
MLR	Muntele Rosu	79.95 341	UP	P	19 18 45.9 +1.3
MLR	Muntele Rosu	79.95 341	UP	P	19 18 45.9 +1.3
ARSA	Arzberg	79.96 348	iP	P	19 18 45.2 +0.7
ARSA	comp-Z,19nm,1.2s,SNR=10				
ARSA	comp-Z,32nm,1.5s				
ARSA	comp-Z,1.6nm,0.7s				
TOPG	Topolog	80.02 339	eP	P	19 18 46.0 +1.2
HOU	Haudompre	80.06 355	eP	P	19 18 44.4 -0.6
HOU			pmax	pmax	
TAWS	Taliwang, Sumb	80.09 242	P	P	19 18 47.4 +1.9
UBR	Ueberholz	80.11 352	eP	P	19 18 45.8 +0.5
UBR	comp-Z,25nm,1.4s,baz=9.2,slow=5.6				
UBR	baz=9.2,slow=5.6				
VOIR	79.80 341	UP	P	P	19 18 42.4 +0.5
TBI	Tubuai	80.20 150	eP	P	19 18 47.0 +1.2
TBI	comp-Z,277nm,1.0s				
TBI	comp-Z,702nm,27.2s				
HINF	Hinterfeld	80.20 150	eLR	LR	19 43 30.0
HINF	comp-Z,818nm,35.0s				
HINF	comp-Z,16nm,1.4s				
RETA	Reutte	80.24 352	iP	P	19 18 46.6 +0.6
RETA	comp-Z,17nm,1.2s,SNR=7.1				
RETA	comp-Z,25nm,1.5s				
RETA	comp-Z,5.5nm,1.2s				
HARR	Harsova	80.30 339	UP	P	19 18 46.7 +0.4
HARR	Harsova	80.30 339	UP	P	19 18 46.7 +0.4
KAMI	Kalianger	80.31 245	UP	P	19 18 47.9 +1.2
WATA	Walderalm	80.32 351	iP	P	19 18 46.8 +0.3
WATA	comp-Z,23nm,0.6s,SNR=14				
WATA	comp-Z,68nm,1.7s				
WATA	comp-Z,9.3nm,1.1s				
ARR	Arges	80.33 342	UP	P	19 18 47.7 +1.1
ARR	Arges	80.33 342	UP	P	19 18 47.7 +1.1
MOTA	Moosalm	80.35 351	iP	P	19 18 46.8 +0.1
MOTA	comp-Z,41nm,1.2s,SNR=19				
MOTA	comp-Z,49nm,1.3s				
MOTA	comp-Z,240nm,0.9s				
SECR	Seestadt	80.36 340	UP	P	19 18 46.2 -0.4
QUIF	Quistinic	80.37 1 eP	P	P	19 18 46.2 -0.3
QUIF			pmax	pmax	
WTTA	Wattenberg	80.38 351	iP	P	19 18 47.4 +0.5
WTTA	comp-Z,29nm,0.7s,SNR=16				
WTTA	comp-Z,86nm,1.6s				
WTTA	comp-Z,13nm,1.2s				
WTTA	Wattenberg	80.38 351	iP	P	19 18 47.4 +0.5
KBA	Koelnbreinsper	80.39 350	iP	P	19 18 47.8 +0.9
KBA	comp-Z,60nm,0.7s,SNR=45				
KBA	comp-Z,75nm,1.0s				
KBA	comp-Z,4.1nm,1.2s				
KBA	comp-Z,2.4nm,1.1s				
KBA	comp-Z,1.1nm,1.0s,SNR=49				
KBA	comp-Z,72nm,1.3s				
KBA	comp-Z,3.5nm,0.9s				

KTUT	Trabzon	80.59 330	UP	P	19 18 48.6 +0.7
PERS	Pernice	80.62 348	iP	P	19 18 48.5 +0.4
PERS			e	e	19 19 15.8
BZS	Buzias	80.65 344	UP	P	19 18 48.5 +0.3
BZS	Buzias	80.65 344	UP	P	19 18 48.2 +1.5
LHMI	Lhok Sumawe	80.65 266	P	P	19 18 50.0 +1.4
PVM	Pogov	80.66 348	iP	P	19 18 48.4 +0.2
KVG	Kolavaram	80.66 286	eP	P	19 18 49.2 +0.6
PVM			IVmB_BB		19 18 49.9
SULR	Sulawesi	80.67 340	UP	P	19 18 48.4 +0.2
FETA	Feichten	80.71 351	iP	P	19 18 49.1 +0.4
FETA	comp-Z,21nm,0.9s,SNR=16				
FETA	comp-Z,37nm,1.2s				
FETA	comp-Z,7.6nm,1.0s				
LEHL	Lehlu	80.74 340	UP	P	19 18 49.3 +0.7
EIDS	Eidsvold	80.76 205	IAMB	IAMB	19 18 50.8
RPR	Rampur	80.78 289	eP	P	19 18 49.7 +0.5
RPR			IVmB_BB		19 18 50.3
MYKA	Terra Mystica	80.80 349	iP	P	19 18 50.1 +1.1
MYKA	comp-Z,22nm,1.1s,SNR=9.1				
MYKA	comp-Z,39nm,1.7s				
MYKA	comp-Z,2.0nm,0.5s				
ABTA	Abfaltersbach	80.80 350	iP	P	19 18 49.4 +0.4
ABTA	comp-Z,40nm,1.1s,SNR=22				
ABTA	comp-Z,36nm,1.2s				
OBKA	Obir	80.81 349	iP	P	19 18 49.5 +0.4
OBKA	comp-Z,42nm,1.0s,SNR=17				
OBKA	comp-Z,70nm,1.7s				
OBKA	comp-Z,3.8nm,0.9s				
PPBI	Pangkal Pinang	80.89 255	P	P	19 18 49.7 -0.1
LOR	Lormes	80.91 356	eP	P	19 18 49.0 -0.5
LOR			pmax	pmax	
TSI	Tuntunan	81.01 264	P	P	19 18 50.2 -0.2
TSI	comp-Z,3umcomp-Z,371nm,1.0s				
DAVOX	Davos/Dischmat	81.02 352	PKKPbc	PKKPbc	19 37 23.9 -0.3
HJUM	Humele	81.07 341	UP	P	19 18 51.1 +0.8
HJUM	Humele	81.07 341	UP	P	19 18 51.1 +0.8
SGRR	Singurení	81.16 340	UP	P	19 18 50.4 -0.4
WB0	Warramunga Arr	81.18 221	IAMB	IAMB	19 18 51.9
HERR	Herculane	81.22 343	UP	P	19 18 51.1 -0.1
HERR	Herculane	81.22 343	UP	P	19 18 51.1 -0.1
LJU	Ljubljana	81.27 349	eP	P	19 18 51.0 -0.4
SRSP	Sriramsagar	81.28 289	eP	P	19 18 51.7 -0.2
SRSP			IVmB_BB		19 18 52.3
WR0	Warramunga Arr	81.29 221	IAMB	IAMB	19 18 52.4
WR0	comp-Z,175nm,0.8s				
ZAG	Zagreb	81.30 348	eP	P	19 18 52.5 +0.9
DIKM	Dikmen	81.32 333	UP	P	19 18 52.8 +1.0
WRAB	Tennant Creek	81.34 221	iP	P	19 18 51.5 -0.5
WRAB			pmax	pmax	
WRA	Warramunga Arr	81.36 221	P	P	19 18 51.2 -0.8
WRA	comp-Z,189nm,0.9s,baz=3.1,slow=5.7,SNR=305				
WRA	comp-Z,1.6nm,0.9s,baz=129,slow=26,SNR=3-32				
WRA	comp-Z,2.2nm,0.8s,baz=220,slow=1.9,SNR=7.7				
CRES	Cresnev	81.37 348	eP	P	19 18 52.1 +0.1
FRGS	Fruska Gora	81.39 345	UP	P	19 18 52.4 +0.4
COPA	Copacabana	81.40 341	UP	P	19 18 52.4 +0.3
AVF	Avril sur Loir	81.41 357	eP	P	19 18 51.7 -0.4
AVF			pmax	pmax	
MDVR	Moldovita	81.44 343	UP	P	19 18 52.5 +0.1
CABF	La Chapelle	81.46 355	eP	P	19 18 52.4 -0.1
CABF			pmax	pmax	
KCSI	Kotaacane, Aceh	81.48 265	P	P	19 18 51.6 -1.4
CEY	Cerknica	81.58 349	eP	P	19 18 53.0 -0.1
KVT	Kavak	81.62 332	P	P	19 18 54.8 +1.4
MYLAV	Mylavaram	81.64 286	eP	P	19 18 54.6 +0.8
MYLAV			IVmB_BB		19 18 55.2
BGF	Bois d'Agland	81.66 357	eP	P	19 18 53.1 -0.4
BGF			pmax	pmax	
RAZG	Razgrad	81.68 340	UP	P	19 18 53.9 +0.2
BOJS	Bojanci	81.71 348	UP	P	19 18 53.8 -0.0
MLSI	Meulaboh, Aceh	81.74 266	P	P	19 18 53.9 -0.4
TCF	Toulx Ste Croi	81.95 357	eP	P	19 18 54.5 -0.5
TCF			pmax	pmax	
RIY	Rijeka	81.99 349	eP	P	19 18 54.6 -0.6
BKNI	Bangkinan	81.99 260	eP	P	19 18 55.8 +0.2
BKNI	comp-Z,3umcomp-Z,372nm,1.2s				
TEKS	Tekers	82.03 345	eP	P	19 18 56.6 +1.1
SZH	Székely	82.08 340	UP	P	19 18 55.3 -0.4
BLY	Banja Luka	82.19 347	eP	P	19 18 58.4 +2.1
PLVB	Pleven	82.24 341	UP	P	19 18 57.0 +0.5
SMRI	Semarang	82.31 248	P	P	19 18 57.5 +0.2
PMBI	Palemang	82.32 255	P	P	19 18 59.2 +1.9
HYBB	Hyderabad (bs)	82.34 288	eP	P	19 18 57.5 0.0
HYBB			IVmB_BB		19 18 58.2
HYB	Hyderabad	82.34 288	iP	P	19 18 57.0 -0.5
HYB	comp-Z,1um,0.8s				
HYB	Hyderabad	82.34 288	eS	S	19 29 04.0 +0.2
HYB	comp-Z,400nm,1.0s				
HYB	Hyderabad	82.34 288	eS	S	19 18 57.4 -0.1
HYB	comp-Z,240nm,0.9s				
HYB	Hyderabad	82.40 344	eS	S	19 29 02.1 -1.7
MPEP	Malo Peshtene	82.44 342	UP	P	19 18 57.6 +0.1
MNSI	Mandailing Nat	82.51 262	P	P	19 18 57.7 +0.1
MNSI	comp-Z,958nmcomp-Z,102nm,1.0s				
LPL	La Plagne	82.51 354	eP	P	19 18 58.6 +0.4
LPL			pmax	pmax	
LPG	La Plagne	82.53 354	eP	P	19 18 58.9 +0.5
LPG			pmax	pmax	
MGRS	Mrkonic Grad	82.53 347	eP	P	19 18 59.6 +1.5
HAPS	Han Pjiesak,BI	82.58 345	eP	P	19 18 58.3 -0.1
NJS	Nagarjunasagar	82.58 287	eP	P	19 18 58.8 +0.1
NJS			IVmB_BB		19 18 59.3
WUJ	Wonogiri, Jawa	82.68 247	P	P	19 18 59.4 +0.3
WUJ	comp-Z,519nm,1.2s				
BBLs	Lazi#263;i	82.72 345	eP	P	19 18 59.8 +0.7
ADKI	Addanki	82.74 286	eP	P	19 19 00.1 +0.5
ADKI			IVmB_BB		19 19 00.7
SDSI	Sungai Dareh	82.75 259	P	P	19 18 59.6 +0.1
RJF	Les Rejaudour	82.95 358	eP	P	19 18 59.7 -0.5
RJF			pmax	pmax	
UGM	Wanagana	82.97 248	P	P	19 19 00.7 0.0
UGM	comp-Z,304nm,1.2s				
RUDO	Rudo	82.97 345	eP	P	19 19 00.6 +0.3
KLRI	Killari	82.97 290	eP	P	19 19 00.7 -0.1

Table of station data for the 3d 19h section, including columns for station name, coordinates, and various parameters.

Main table of station data for the 2014 JUL section, including columns for station name, coordinates, and various parameters.

Table of station data for the 152 section, including columns for station name, coordinates, and various parameters.

ADC 03 19:28:01.5:0.7,6:87S:154.80E,h0km,mb4.2/13, mb1 4.4/16,mb1mx4.3/29,mbtmp4.3/16,ML4.1/2,MS4.0/2, MS1 4.0/2,ms1mx3.4/41,Error ellipse: s-maj=19.8km s-min=17.7km az=137.0

NEIC 03 19:28:07.5:2.0:6:92S:0:08:154.8E:0.1,h45km,gkm, mb4.5/17,Error ellipse: s-maj=18.7km s-min=9.2km az=110.0

ISC 03 19:27:30.5:6:87S:0:06:154.77E:0.06,h41km,n41, r135/42,mb4.4/22,Bougainville-Solomon Islands

Table of station data for the 152 section, including columns for station name, coordinates, and various parameters.

WEL 03 19:27:41.5,43°S,17°32'E,h27km,4km,M2.1/3,ML2.4/3, ML2.1/3,Error ellipse: s-maj=0.0km s-min=0.0km az=44.5, South Island

KWAJ	comp=Z,2um,1.9s	IAMB	IAMB	19 57 58.4
PATS	Pohnphei bazz=44,SNR=6.4	44.33 323 P	P	19 58 13.4 -0.6
PATS	Pohnphei	44.33 323 P	P	19 58 13.8 -0.2
AS31	Alice Springs	44.52 266 P	P	19 58 14.4 -1.2
ASAR	Alice Springs	44.52 266 P	P	19 58 15.2 -0.4
ASAR	comp=Z,32nm,0.8s,baz=115,slow=4.7,SNR=230	FcP	PP	19 59 59.8 0.0
ASAR	comp=Z,3.9nm,1.0s,baz=111,slow=5.1,SNR=1.8	ScP	ScP	20 03 52.2 +3.1
ASAR	comp=Z,4.0nm,1.0s,baz=100,slow=11.6,SNR=2.7	LR	LR	20 04 42.2 -7.5
ASAR	comp=Z,29um,18.3s,baz=111,slow=37	LR	LR	20 17 22.8
WR0	Warramunga Arr	45.34 271 P	P	19 58 21.0 -1.2
WR0	comp=Z,326nm,1.0s	IAMS_20	IAMS_20	20 15 23.9
WR0	comp=Z,37um,21.0s	IAMS_20	IAMS_20	20 15 23.5
WR9	Warramunga Arr	45.36 271	IAMS_20 IAMS_20	20 15 23.5
WR9	comp=Z,37um,22.0s	IAMS_20	IAMS_20	20 15 24.9
WR8	Warramunga Arr	45.40 271	IAMS_20 IAMS_20	20 15 25.4
WR7	Warramunga Arr	45.42 271	IAMS_20 IAMS_20	20 15 26.0
WR6	Warramunga Arr	45.42 271	IAMS_20 IAMS_20	20 15 26.0
WR5	Warramunga Arr	45.44 271	IAMS_20 IAMS_20	20 15 26.5
WR4	Warramunga Arr	45.46 271	IAMS_20 IAMS_20	20 15 28.1
WR3	Warramunga Arr	45.48 271	IAMS_20 IAMS_20	20 15 27.5
WC3	Warramunga Arr	45.49 271	IAMS_20 IAMS_20	20 15 28.8
WR2	Warramunga Arr	45.50 271	IAMS_20 IAMS_20	20 15 29.1
WC2	Warramunga Arr	45.50 271	IAMS_20 IAMS_20	20 15 28.3
WB1	Warramunga Arr	45.51 271	IAMS_20 IAMS_20	20 15 27.4
WB2	Warramunga Arr	45.51 271 P	P	19 58 21.7 -1.8
WB2	comp=Z,421nm,0.9s	IAMB	IAMB	19 58 34.1
WB2	comp=Z,2.421nm,0.9s	IAMS_20	IAMS_20	20 15 28.4
WC4	Warramunga Arr	45.51 271	IAMS_20 IAMS_20	20 15 28.5
WB3	Warramunga Arr	45.51 271	IAMS_20 IAMS_20	20 15 29.5
WRAB	Tennant Creek	45.52 271	IAMB	19 58 23.6 +0.1
WRAB	comp=Z,263nm,0.9s	IAMB	IAMB	19 58 22.0 -1.6
WRAB	Tennant Creek	45.52 271 P	P	19 58 34.1
WRAB	comp=Z,359nm,0.9s	IAMS_20	IAMS_20	20 15 28.3
WRAB	Tennant Creek	45.52 271	IAMS_20 IAMS_20	20 15 28.3
WB4	Warramunga Arr	45.52 271	IAMS_20 IAMS_20	20 15 28.7
WR1	Warramunga Arr	45.52 271	IAMS_20 IAMS_20	20 15 29.7
WRA	Warramunga Arr	45.52 271 P	P	19 58 23.0 -0.6
WRA	comp=Z,234nm,0.9s,baz=111,slow=7.7,SNR=280	S	S	20 04 56.6 -7.5
WRA	comp=Z,38nm,1.3s,baz=114,slow=14,SNR=7.7	LR	LR	20 15 51.5
WB7	Warramunga Arr	45.53 271	IAMS_20 IAMS_20	20 15 28.4
WC1	Warramunga Arr	45.53 271	IAMS_20 IAMS_20	20 15 29.9
WB6	Warramunga Arr	45.53 271	IAMS_20 IAMS_20	20 15 29.9
WB8	Warramunga Arr	45.53 272	IAMS_20 IAMS_20	20 15 30.1
WB9	Warramunga Arr	45.54 272	IAMS_20 IAMS_20	20 15 29.3
WB0	Warramunga Arr	45.54 272 P	P	19 58 21.7 -2.1
WB0	comp=Z,344nm,0.9s	IAMB	IAMB	19 58 34.3
WB0	comp=Z,36um,21.0s	IAMS_20	IAMS_20	20 15 29.3
FORT	Forrest	47.41 255 P	P	19 58 37.6 -0.7
FORT	Forrest	47.41 255 P	P	19 58 37.4 -0.9
FORT	comp=Z,588nm,0.9s	IAMB	IAMB	19 58 46.6
VNDA	Vanda	48.19 186 P	P	19 58 47.6 +4.0
VNDA	comp=Z,68nm,1.0s,baz=2.6,slow=8.5,SNR=218	LR	LR	20 15 28.4
VNDA	comp=Z,1.6um,21.1s,baz=31,slow=32	P	P	19 58 43.3 -0.4
VNDA	Vanda	48.19 186 P	P	19 58 43.3 -0.4
VNDA	comp=Z,476nm,1.5s	IAMB	IAMB	19 58 49.6
VNDA	Vanda	48.19 186 P	P	19 58 43.3 -0.4
VNDA	comp=Z,476nm,1.5s	IAMB	IAMB	19 58 49.6
WRK	Warakurna	48.88 262 P	P	19 58 48.0 -1.8
JAY	Jayapura	49.19 296 LR	LR	20 18 01.6
JAY	comp=Z,9um,21.1s,baz=111,slow=34	P	P	19 58 52.0 -0.2
JAY	comp=Z,9um,21.1s,baz=111,slow=34	P	P	19 58 52.0 -0.2
GENI	Genyem	49.56 295 P	P	19 58 54.2 -0.8
KDU	Kakadu	50.33 279 P	P	19 58 59.2 -1.6
SMPI	Sarmi	51.07 295 P	P	19 59 05.7 -0.7
MTN	Manton Dam	51.40 278 P	P	19 59 07.1 -1.8
MTN	Manton Dam	51.40 278 P	P	19 59 06.6 -2.3
WAKE	Wake Island	52.08 340 IAMB	IAMB	19 59 12.3 -1.5
WAKE	comp=Z,543nm,0.9s	IAMB	IAMB	19 59 16.5
KNRA	Kunurra	52.13 273 P	P	19 59 13.6 -0.7
KNRA	Kunurra	52.13 273 P	P	19 59 13.5 -0.8
KNRA	comp=Z,35um,22.0s	IAMS_20	IAMS_20	20 19 07.8
KMBL	Kambalda	52.36 252 P	P	19 59 15.4 -0.6
HLP	Hilina Pali	53.45 25 P	P	19 59 22.7 -1.2
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2
HUH	comp=Z,457nm,1.3s	IAMB	IAMB	19 59 38.0
KHLU	Kahalu'u	53.51 24 P	P	19 59 25.0 +0.5
KHLU	comp=Z,564nm,1.5s	IAMB	IAMB	19 59 25.8
JCUZ	Jacuzzi	53.60 25 P	P	19 59 25.1 0.0
JCUZ	comp=Z,305nm,0.5s	IAMB	IAMB	20 01 15.9
NPOC	North of Pu'u	53.61 25 P	P	19 59 25.0 -0.1
NPOC	comp=Z,281nm,0.7s	IAMB	IAMB	20 00 02.2
HUH	Hualalai	53.61 24 P	P	19 59 25.6 +0.2

PLCA	comp=Z,7.7nm,1.1s,baz=314,slow=23,SNR=3.8	PKPPKP P'P'df	20 28 59.8	-3.9
PLCA	comp=Z,19um,21.8s,baz=253,slow=29	LR	20 29 41.2	
PLCA	Paso Flores 81.43 132	P	20 02 22.2	+1.4
PLCA	comp=Z,1um,1.6s	IAMB IAMB	20 02 22.6	
LC01	Cunco 81.55 130	P	20 02 22.6	+1.2
LC01	Cunco 81.55 130	IAMS_20 IAMS_20	20 02 22.5	+1.0
LC01	comp=Z,16um,18.0s	IAMS_20 IAMS_20	20 33 35.3	
YUK	Yuzh-Kuril'sk 81.78 333	eP	20 02 17.7	-4.5
YUK	comp=Z,358nm,0.9s	pmax	20 02 26.4	
YUK	comp=N,163nm,1.1s	pmax	20 12 27.8	-5.6
YUK	comp=E,87nm,0.8s	pmax		
YUK	comp=Z,479nm,1.6s	pmax		
BI03	Tigo 81.87 128	P	20 02 24.2	+1.0
BI03	Tigo 81.87 128	P	20 02 24.4	+1.2
BI03	comp=Z,21um,21.0s	IAMS_20 IAMS_20	20 29 21.6	
EFI	East Falkland 81.97 146	iP	20 02 24.4	+1.1
EFI	comp=Z,1um,1.3s	pmax		
EFI	East Falkland 81.97 146	P	20 02 24.0	+0.7
EFI	East Falkland 81.97 146	IAMS_20 IAMS_20	20 30 18.9	
ADK	Adak 81.98 360	P	20 02 23.2	+0.2
ADK	comp=Z,682nm,1.3s	pmax		
ADK	comp=Z,9um,21.0s	MLR MLR		
ADK	Adak 81.98 360	P	20 02 23.2	+0.2
ADK	comp=Z,682nm,1.3s	IAMB IAMB	20 02 26.3	
KUR	Kuril'sk 82.06 335	iP	20 02 24.9	+1.3
KUR	comp=N,103nm,1.3s	eS	20 12 40.8	+4.6
KUR	comp=N,433nm,1.3s	pmax		
KUR	comp=N,150nm,1.6s	pmax		
KUR	comp=Z,3um,5.1s	pmax		
KUR	comp=N,5um,16.0s	MLR MLR		
KUR	comp=Z,3um,16.0s	MLR MLR		
KUR	comp=E,2um,15.0s	MLR MLR		
MYKOM	Kota Tinggi 82.11 277	P	20 02 24.3	-0.5
MYKOM	Kota Tinggi 82.11 277	P	20 02 25.0	
GSTR	Great Sitkin T 82.19 0	P	20 02 24.9	+0.7
ATKA	Atka Island 82.32 1	P	20 02 24.6	-0.2
ATKA	comp=Z,689nm,1.2s	IAMB IAMB	20 02 27.9	
KNMB	Chin-men Tao 83.01 304	P	20 02 28.1	-1.0
KNMB	comp=Z,558nm,2.0s	IAMB IAMB	20 02 32.4	
SNCC	San Nicolas Is 83.06 45	P	20 02 30.4	+1.2
SNCC	San Nicolas Is 83.06 45	P	20 02 28.2	-1.0
SNCC	comp=Z,824nm,2.0s	IAMB IAMB	20 02 32.5	
SNCC	comp=Z,13um,19.0s	IAMS_20 IAMS_20	20 32 53.5	
JKA	Kamikawa-asahi 83.15 332	P	20 02 31.5	+2.2
JKA	comp=Z,311nm,1.2s	IAMB IAMB	20 02 43.1	
JKA	comp=Z,18um,22.0s	IAMS_20 IAMS_20	20 33 13.1	
ASAJ	Asahikawa 83.15 332	P	20 02 31.6	+2.3
ASAJ	comp=Z,69nm,0.9s,baz=236,slow=4.3	P		
ASAJ	Asahikawa 83.15 332	P	20 02 31.5	+2.1
ASAJ	comp=Z,311nm,1.2s	pmax		
ASAJ	comp=Z,18um,22.0s	MLR MLR		
BI02	San Fabin de 83.16 129	iP	20 02 31.1	+1.1
BI02	San Fabin de 83.16 129	P	20 02 30.4	+0.4
BI02	comp=Z,270nm,1.5s	IAMB IAMB	20 02 33.1	
OZH	Quanzhou 83.16 304	iP	20 02 30.5	+0.6
OZH	comp=Z,73nm,2.0s	S	20 12 45.6	-2.7
OZH	comp=Z,2um,4.2s	pmax		
OZH	comp=Z,3um,24.2s	LR LR		
OZH	comp=Z,1um,19.4s	LR LR		
OZH	comp=Z,5um,24.6s	LR LR		
SMY	Shemya 83.25 354	P	20 02 30.0	+0.4
SMY	comp=Z,2um,2.0s	pmax		
SMY	comp=Z,16um,22.0s	MLR MLR		
SMY	Shemya 83.25 354	P	20 02 30.0	+0.4
SMY	comp=Z,1um,21.0s	IAMS_20 IAMS_20	20 32 13.4	
NIKH	Nikolski High 83.33 5	P	20 02 30.7	+0.6
NIKH	comp=Z,16um,22.0s	IAMB IAMB	20 02 44.5	
LPIG	La Paz 83.36 57	P	20 02 31.7	+0.8
LPIG	comp=Z,18nm,0.4s,baz=199,slow=0.8,SNR=7.4	P		
SLBS	Sierra La Lagu 83.38 58	P	20 02 31.8	+0.6
SLBS	comp=Z,426nm,1.1s	IAMB IAMB	20 02 34.0	
SCI2	San Clemente I 83.48 46	P	20 02 32.0	+0.6
SCI2	baz=227,SNR=9.5	P		
SCZ2	Santa Cruz Isl 83.51 44	P	20 02 32.4	+0.9
DLV	T Lat 83.53 288	P	20 02 33.1	+0.8
DLV	comp=Z,244nm,1.2s	IAMB IAMB	20 02 39.7	
GO05	Huala 83.60 127	iP	20 02 33.0	+0.8
GO05	Huala 83.60 127	P	20 02 32.6	+0.3
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05	Huala 83.60 127	P	20 02 33.1	+0.9
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 37.7	+1.0
GO05	Huala 83.60 127	P	20 02 33.0	+0.8
GO05	comp=Z,19um,21.0s	IAMS_20 IAMS_20	20 30 52.5	
GO05				

3d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMU Biological, Pulaski, King, Rowland, etc.

2014 JUL

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Arnstein, Appleton, Appleton, Sutherland, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Walton, Port Jervis, Carthage, South Mountain, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like UZB, K63A, NR1K, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like MTBS, KURK, KURB, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like KKAR, KKAR, CHGR, etc.

3d 19h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like GEYT, GYA0B, KMBO, AKTO, etc.

2014 JUL

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Makhachkala, Groznyy, Voronezh, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Minsk, Blasjo, Simferopol', etc.

Table with columns: CONA, Name, Date, Time, Az, El, SNR, and various status codes (PKP, PKPfd, etc.). Rows include stations like Conard Observa, Givet, Doures, Musometiste, etc.

Table with columns: ZOU, Name, Date, Time, Az, El, SNR, and various status codes. Rows include stations like Zoufplan, KRND, CLF, PHP, etc.

Table with columns: FFR, Name, Date, Time, Az, El, SNR, and various status codes. Rows include stations like FFR, SJJF, SJJF, PCBR, etc.

Table with columns: Name, Date, Time, Az, El, SNR, and various status codes. Rows include stations like Celeste, Marv??o, Marv??o, etc.

3d 20h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like MAKZ, MK31, MK31, MKAR, MKAR, MKAR, etc.

2014 JUL

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like MHTO, MHTO, MHTO, MHTO, MHTO, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like MMAI, MMAI, MMAI, MMAI, MMAI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VNA2, VNA3, BRTR, etc.

ISK 03 22:34:13.8, 35:16N, 27:81E, h9km, ML3.4/20
DIA 03 22:34:16.0, 35:16N, 27:80E, h10km, 3km, MW3.8
ATH 03 22:34:18.5, 35:40N, 27:87E, h23km, 1km, ML2.8/5, Error ellipse: s-maj=3.8km s-min=1.0km az=326.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KARP, ARG, ZKR, etc.

Table with columns: LAST, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LAST, LAST, LAST, etc.

IDC 03 22:47:06.9, 1.3, 3:85S, 139:57E, h0km, mb3.5/3, mb1.3/9.5, mb1m3.5/44, mb2bnp3.7/5, ML3.7/2, Error ellipse: s-maj=42.8km s-min=13.1km az=128.0
NEIC 03 22:47:08.8, 1.5, 4:12S, 0:03, 139:60E, 0.09, h41km, 9km, mb4.2/14, Error ellipse: s-maj=13.2km s-min=4.1km az=102.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BBOO, MKAR, CHIR, BVAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSU, BAR, HEC, HPIG, Q16A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSTX, TXAR, TX31, TX32, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YESI, CSS, TISA, etc.

IDC 03 23:09:58.2±0.6, 12.67N±44.04W, h0km, mb4.1/18, mb1.4/3/18, mb1mx4.1/37, mbtmp4.1/18, ML4.8/1, MS3.8/17, Ms1.3/8/17, ms1mx3.6/35, Error ellipse: s-maj=20.2km s-min=13.4km az=132.0

NEIC 03 23:09:59.4±1.7, 12.72N±44.20W:0.1, h10km±1km, mb4.7/53, Error ellipse: s-maj=18.9km s-min=15.8km az=139.0

ISC 03 23:09:59.7±0.5, 12.77N±0.07±44.20W±0.08, h10km, n104, ±0.94/90, mb4.6/45, MS3.8/16, Northern Mid-Atlantic Ridge

MOA Molin 59.60 42 i p p P 23 20 05.6 -0.6

SDCO Great Sand Dune 59.65 306 P P 23 20 04.6 -0.1

NOA NORSTAR Array B 62.52 27 P P 23 20 24.2 +0.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDP, HOS51, FDF, SVB, HOSN1, GRGR, etc.

PDAR Pinedale Array 63.37 312 P P 23 20 30.6 +0.8

IMW Indian Meadow 64.51 313 P P 23 20 36.8 -0.5

HWUT Hardware Ranch 64.73 310 P P 23 20 39.0 +0.3

YHB Horse Butte 64.80 314 P P 23 20 38.5 -0.6

AKASO Malin Array Be 69.73 41 LR 23 20 59.8

YKA Yellowknife Arr 69.73 332 P P 23 21 10.8 +1.1

NVAR Mira Array B 69.76 306 P P 23 21 12.3 +1.6

J08A Circle Bar 69.93 213 P P 23 21 11.0 -0.4

ISA Isabella, Lake 69.95 303 P P 23 21 11.1 -0.6

ARCES ARCESS Array B 71.06 20 P P 23 21 17.6 -0.2

MOD Modoc Plateau 71.27 310 P P 23 21 19.6 -0.1

BRTR Kesler Array B 72.64 52 P P 23 21 27.9 -0.2

PCA Pinnacle 82.03 330 P P 23 22 20.6 +0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

ISK 03 23:38:28.5±35.79N±32.06E, h17km, ML2.8/22

DDA 03 23:38:31.4±35.76N±32.01E, h42km±2km, ML2.7

NIC 03 23:38:31.3±0.0, 35.74N±32.24E, h80km±2km, ML2.9/6

ISC 03 23:38:29.2±1.2, 35.81N±0.02±32.08E±0.02, h20km±5km, n66, ±119/10, Cyprus region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SJG, NPGB, AGPR, etc.

GAZI Gazipasa 0.46 24 i p P 23 38 42.6 +1.8

ALFC Alefka 0.78 147 P P 23 38 46.3 +1.2

ALFC Alefka 0.78 147 P P 23 38 46.3 +1.2

ALFC Alefka 0.78 147 P P 23 38 46.3 +1.2

ALFC Alefka 0.78 147 P P 23 38 46.3 +1.2

ALFC Alefka 0.78 147 P P 23 38 46.3 +1.2

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PTGA Pitinga 20.61 231 P P 23 14 38.9 -0.4

PARAL Paralimni 1.79 116 P Pg 23 39 03.2 -0.5

KIZK Kizilirmaci 1.80 68 P Pn 23 38 59.7 +0.6

KMER Konya-Merem 1.97 7 P P 23 39 02.8 +1.2

ELI Elmali 1.99 29 P Pn 23 39 02.6 +0.7

AKAS AKAS 2.05 283 P P 23 39 03.8 -2.1

KONT Konya-Tatoy 2.14 6 P Pn 23 39 05.1 +1.1

KONT Konya-Tatoy 2.14 6 P Pn 23 39 05.1 +1.1

MERS Mersin 2.29 61 P Pn 23 39 05.5 +0.3

KERG Konya-Eregli 2.23 45 P Pn 23 39 02.3 -1.5

DOGGA Konya-Doganhis 2.31 352 P P 23 39 07.9 +1.5

YESY Yesilyurt 2.38 34 P Pn 23 39 07.6 +0.4

OSCI OSKI 2.40 196 P P 23 39 08.5 +1.1

DED DED 2.47 62 P P 23 39 09.5 +1.0

GOLH Golhisar 2.48 306 P P 23 39 11.7 -1.5

BRDR BURDUR-Merkez 2.49 320 P P 23 39 10.1 +0.7

FETY Fethiye 2.56 290 P Pn 23 39 10.4 +0.8

FETY Fethiye 2.56 290 P Pn 23 39 10.4 +0.8

GULE Gulek 2.62 55 P P 23 39 12.6 +2.0

GULE Gulek 2.62 55 P P 23 39 12.6 +2.0

GULE Gulek 2.62 55 P P 23 39 12.6 +2.0

GULE Gulek 2.62 55 P P 23 39 12.6 +2.0

GULE Gulek 2.62 55 P P 23 39 12.6 +2.0

KDHN Kadinhani 2.71 1 P Pn 23 39 12.4 +0.6

OSCI OSKI 2.73 177 P P 23 39 13.0 +1.0

KARA Karaisalı 2.80 58 P Pn 23 39 13.8 +0.9

KIZL Kizilirmaci 2.90 338 P P 23 39 07.1 +0.5

DALY Dalyan (Kizilirmaci) 2.95 291 P P 23 39 15.7 +0.8

CMRD Camardi-Nigde 2.98 51 P Pn 23 39 16.2 +0.7

AKO Adana 3.17 58 P P 23 39 19.4 +1.4

TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

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TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

TURN Turunc 3.25 288 P P 23 39 19.7 -2.3

IDC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

ISC 03 23:40:31.1±1.7, 24.5N±0.3±94.9E±0.5, h112km, n6, ±2905/6, mb3.6/5, Myanmar-India border region

ISC 03 23:40:21.1±1.6, 24.52N±94.86E, h0km, mb3.6/5, mb1.3/7/5, mb1mx3.4/47, mbtmp3.6/5, Error ellipse: s-maj=80.9km s-min=20.6km az=65.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMAR, MKAR, SONM, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like INU, MJAR, MAJO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H1N2, H1N1, H1N3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H1S3, H1S1, H1S2, etc.

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

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

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

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

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

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

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

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

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

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

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

ASAR 0.4nm,0.5s,baz=108,slow=3.6,SNR=4.1
NVAR Mina Array Bea 79.31 44 P
ILAR Eielson Array 85.78 13 P
TXAR Lajitas Array 85.59 58 P
PDAR Pinedale Array 87.23 43 P

BGR 04 03:41:19.7±0.0, 16°02'S×174.58'W, h33km, Ms4.1
NEIC 04 03:41:22.1±1.9, 16°06'S.01×173.60±0.2, h94km,5km,
mb4.5/126, Error ellipse: s-maj=23.4km s-min=16.0km
az=125.0

IDC 04 03:41:22.0±0.6, 16°74'S×173.58'W, h96km,4km, mb4.1/113,
mb1.4/4.13, mb1mx4.1/33, mbtmp4.5/13, MS3.3/14,
Ms1.3/14, ms1mx3.2/37, Error ellipse: s-maj=19.3km
s-min=11.0km az=135.0

ISC 04 03:41:22.3±0.6, 16.655°S×170.173°E, h96km,5km,
h97km; pP-P, n199, o478/148, mb4.5/60, 9C, Tonga

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Afamalu, Nonsavu, Rotangona, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Wild Horse Val, Lo Mia Camp, North Rim, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Vranov, Vranov, Pribram, etc.

IDC 04 03:51:40.5±4.5, 29°10'S×177.19'W, h0km, mb3.5/2,
mb1.3/8.2, mb1mx3.5/24, mbtmp3.5/2, Error ellipse:
s-maj=264.8km s-min=83.9km az=164.0, Kermadec
Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like ASAR Alice Springs, WRA Warrungana Arr, etc.

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

OSPL 04 05:48:45.2, 1.3, 80°BN:74°19'W, h12km, 27km, ML2.3
SSNC 04 05:48:47.3, 1.4, 19°30N:73°9'W, h5km, MD2.9, ML2.3, MW2.6

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

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

IDC 04 05:58:34.0, 0.9, 27°76N:87°82E, h0km, mb3.9/11, mb1.4, 0/13, mb1mx3.8/50, mbmp3.9/13, ML4.2/2, MS3.0/2, M51.3/12, ms1mx2.6/47, Error ellipse: s-maj=35.8km s-min=15.3km az=57.0

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

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

ARE 04 06:16:18.3, 5.1, 17°88S:0°08:69°9W, 0°1, h108km, 6km, Error ellipse: s-maj=0.0km s-min=0.0km az=190.0

NEIC 04 06:16:22.0, 6.2, 17°77S:0°04:70°03W, 0°08, h117km, 5km, mb4.5/14, ML2.4(U)ARE, Error ellipse: s-maj=12.4km s-min=3.1km az=118.0

IDC 04 06:16:25.0, 1.6, 17°72S:69°79W, h133km, 13km, mb3.5/9, mb1.3/7/14, mb1mx3.7/33, mbmp4.0/14, Error ellipse: s-maj=18.1km s-min=15.0km az=84.0

VAO 04 06:16:27.6, 0.9, 17°59S:69°64W, h149km, 4km, mb4.2, ISC 04 06:16:22.5, 0.7, 17°75S:0°05:69°96W, 0°06, h115km, 7km, n72, c141/78, mb4.3/17, Peru-Bolivia border region

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

NNC 04 06:24:59.5, 8.3, 54°36N:90°32E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=80.4km s-min=49.4km az=15.0, Suspected Mining explosion, IDC 04 05:21:07.3, 2.3, 53°53N:90°63E, h0km, mb1.1, mpv3.4/3, mb1mx3.2/44, mbmp3.4/3, ML2.7/3, Error ellipse:

ZEA	comp=Z.295nm,18.0s	15.57 243	eP	P	09 19 22.0	-0.2
ZEA	comp=Z.32nm,1.4s		pmx	MLR		
ZEA	comp=Z.1um,6.0s		MLR	MLR		
ZEA	comp=N.800nm,5.0s		MLR	MLR		
KLR	comp=N.800nm,5.0s	17.58 226	Pn	P	09 19 44.4	-0.1
KLR	Kul'dur		Lg	Lg	09 24 55.6	
KLR	comp=N.0.1nm,0.3s,baz=26,slow=12,SNR=4.7		Lg	Lg	09 26 01.1	
KLR	comp=N.0.1nm,0.3s,baz=299,slow=23,SNR=6.3		LR	LR		
KLR	comp=N.258nm,18.2s,baz=40,slow=36		LR	LR		
KLR	Kul'dur	17.58 226	eP	P	09 19 45.5	+1.1
KLR	comp=Z.2.0nm,0.8s		pmx	pmx		
KLR	comp=Z.250nm,13.0s		MLR	MLR		
KUR	comp=Z.18nm,1.1s	18.19 187	eP	P	09 19 51.9	+0.7
KUR	Kuril'sk		pmx	pmx		
KUR	comp=Z.144nm,12.0s		MLR	MLR		
BOD	comp=Z.36nm,1.0s	18.79 270	eP	P	09 19 55.7	-1.9
BOD	Bodaibo		pmx	pmx		
ANM	comp=Z.9.0nm,0.9s	18.93 67	P	Pn	09 20 00.3	+0.5
ANM	Nome		pmx	pmx		
ANM	comp=Z.9.0nm,0.9s	18.93 67	P	Pn	09 20 00.3	+0.5
ANM	Asahikawa	18.92 198	eP	P	09 20 08.3	-0.7
ASAJ	comp=Z.0.8nm,0.3s,baz=331,slow=7.2,SNR=7.9		LR	LR	09 28 27.5	
JKA	comp=Z.1.19nm,18.2s,baz=153,slow=39		P	P	09 20 09.3	+0.3
JKA	Kamikawa-asahi	18.92 198	eP	IAMB	09 20 17.3	
TEY	comp=Z.2.28nm,0.8s	20.06 211	eP	P	09 20 11.0	-0.6
TEY	Ternei		pmx	pmx		
ADK	comp=Z.10.0nm,1.0s	20.49 109	P	P	09 20 16.0	-0.2
ADK	Adak		pmx	pmx		
ADK	comp=Z.50nm,1.0s	20.49 109	P	P	09 20 15.9	-0.2
ADK	Adak	22.03 219	P	P	09 20 33.9	+1.1
ADK	Ussuriysk Arra	22.03 219	P	P	09 20 32.6	-0.3
ADK	Ussuriysk Ar	22.03 219	P	P	09 20 33.9	+1.0
ADK	comp=Z.5.2nm,0.7s,baz=25,slow=9.0,SNR=12		LR	LR		
NKH	Nikolski High	23.17 98	P	P	09 20 44.0	-0.8
TTA	Tatalina	23.40 67	P	P	09 20 45.5	-1.7
TTA	comp=Z.4.0nm,1.1s	23.40 67	P	P	09 20 45.5	-1.7
TTA	Tatalina	23.65 94	P	P	09 20 48.7	-0.9
UNV	Unalaska Valle	23.76 218	I	P	09 20 49.7	-1.0
MSHR	Mys Shulitsa		pmx	pmx		
MSHR	comp=Z.1.11nm,1.1s	23.79 92	P	P	09 20 51.1	+0.2
AKUT	Akutan	23.89 51	P	P	09 20 52.5	+0.6
TOLK	Toolik Lake Re	24.09 55	P	P	09 20 53.8	+0.1
COLD	Coldfoot		IAMB	IAMB	09 21 10.1	
SVW2	Sparrevohn	24.41 71	P	P	09 20 57.4	+0.7
SVW2	comp=Z.1.13nm,1.0s	24.41 71	P	P	09 21 04.1	
BPWA	comp=Z.8.7nm,0.9s	24.96 62	P	P	09 21 03.1	+1.5
PPLA	Bear Paw Mtn.	25.00 65	P	P	09 21 04.0	+1.9
PPLA	Purkeypile		IAMB	IAMB	09 21 22.2	
NRIK	comp=Z.9.0nm,0.8s	25.07 311	P	P	09 21 03.6	+1.0
NRIK	Noril'sk		pmx	pmx		
NRIK	comp=Z.9.5nm,0.9s,baz=96,slow=7.3,SNR=8.5		LR	LR		
NRIK	Noril'sk	25.07 311	eP	P	09 21 01.8	-0.8
NRIK	comp=Z.1.19nm,1.0s		MLR	MLR		
TRF	comp=Z.1.03nm,13.7s	25.52 63	P	P	09 21 08.1	+1.2
TRF	Thorofare Moun		IAMB	IAMB	09 21 15.9	
COLA	College	25.86 59	I	P	09 21 09.4	-0.4
COLA	comp=Z.5.0nm,0.8s	25.94 60	P	P	09 21 10.0	-0.5
WRH	Wood River Hill	25.98 59	P	P	09 21 08.8	-2.1
CCB	Clear Creek Bu	26.11 62	P	P	09 21 10.5	-1.7
RND	Reindeer		pmx	pmx		
RND	comp=Z.4.0nm,0.9s	26.11 62	P	P	09 21 10.5	-1.7
RND	Reindeer	26.16 54	P	P	09 21 11.3	-1.2
FYU	Fort Yukon		IAMB	IAMB	09 21 30.7	
SUA	comp=Z.1.14nm,1.0s	26.27 67	P	P	09 21 12.6	-1.1
IL31	Susitna One	26.28 59	P	P	09 21 12.2	-1.4
IL31	comp=Z.5.9nm,0.7s	26.28 59	P	P	09 21 28.0	
ILAR	Eielson Array	26.28 59	P	P	09 21 13.0	-0.6
ILAR	comp=Z.1.6nm,0.8s,baz=290,slow=7.3,SNR=17		LR	LR	09 32 28.8	
HDA	comp=Z.50nm,18.8s,baz=284,slow=38		P	P	09 21 15.2	+0.4
HDA	Harding Lake	26.42 60	P	P	09 21 27.2	
PRP	comp=Z.7.9nm,0.8s	26.48 57	P	P	09 21 15.5	0.0
PRP	Porcupine Dome		pmx	pmx		
DHO	Denali Highway	26.86 62	P	P	09 21 20.3	+1.3
GHY	Glory Hole Cre	26.87 66	P	P	09 21 18.0	-1.0
PMR	Palmer	26.88 66	P	P	09 21 17.5	-1.4
PMR	comp=Z.2.0nm,0.6s	26.88 66	P	P	09 21 17.5	-1.4
PMR	Palmer	27.08 71	P	P	09 21 21.8	+1.0
CNPM	China Poot		IAMB	IAMB	09 21 28.2	
CNPM	comp=Z.1.10nm,1.3s	27.10 65	P	P	09 21 18.8	-2.2
SML	Sawmill	27.25 66	P	P	09 21 20.0	-2.3
KNK	Knik Glacier	27.30 267	I	P	09 21 24.4	+1.5
TLY	Talaya		pmx	pmx		
TLY	comp=Z.6.0nm,1.0s		MLR	MLR		
KDAK	comp=Z.204nm,16.0s	27.47 75	LR	LR	09 33 59.3	
KDAK	Kodiak Island		LR	LR		
SCM	comp=Z.1.32nm,18.4s,baz=316,slow=40	27.50 65	P	P	09 21 23.2	-1.4
SCM	Sheep Creek Mo		pmx	pmx		
SCM	comp=Z.10.0nm,0.8s	27.50 65	P	P	09 21 23.2	-1.4
SCM	Sheep Creek Mo		IAMB	IAMB	09 21 37.4	
DOT	Dot Lake	27.90 60	P	P	09 21 26.1	-2.0
MJAR	Matsushiro Arr	27.92 202	P	P	09 21 28.5	-0.1
MJAR	comp=Z.2.6nm,0.9s,baz=354,slow=9.6,SNR=6.8		LR	LR	09 31 48.1	
GLI	comp=Z.70nm,20.8s,baz=35,slow=35	28.09 66	P	P	09 21 30.0	+0.2
GLI	Glacier Island		IAMB	IAMB	09 21 47.7	
EGAK	Eagle	28.46 56	P	P	09 21 31.8	-1.4
MOY	Mondy	28.50 270	eP	P	09 21 34.0	+0.2
MOY	comp=Z.2.1nm,2.8s		pmx	pmx		
SONM	comp=Z.1.1nm,0.7s,baz=60,slow=8.9,SNR=3.9	28.84 259	P	P	09 21 37.2	+0.3
SONM	Songino Array		Lg	Lg	09 30 52.9	
SONM	comp=Z.12nm,1.2s,baz=47,slow=28,SNR=12		LR	LR	09 34 30.8	
SONM	comp=Z.1.05nm,18.8s,baz=40,slow=39		LR	LR	09 34 30.8	
VRDI	Verde Repeater	29.39 64	P	P	09 21 39.7	-2.0
VRDI	comp=Z.4.0nm,0.7s	29.39 64	P	P	09 21 56.5	
KSR5	comp=Z.4.0nm,0.7s	29.43 219	P	P	09 21 41.2	-0.7
KSR5	Korea Array		LR	LR	09 32 20.0	
KSR5	comp=Z.0.6nm,0.5s,baz=21,slow=9.7,SNR=2.5		LR	LR	09 32 20.0	
INK	comp=Z.52nm,19.1s,baz=48,slow=34	29.50 47	LR	LR	09 34 15.2	
INK	Inuvik		LR	LR	09 34 15.2	
TABL	Table Mountain	30.77 64	P	P	09 21 54.5	+0.6
TABL	comp=Z.1.15nm,19.4s,baz=265,slow=38		IAMB	IAMB	09 22 08.8	
HHC	comp=Z.5.2nm,0.8s	32.23 245	eP	S	09 22 08.7	+1.9
HHC	Hu-ho-hao-te		S	S	09 27 20.1	+0.4
HHC	comp=Z.23nm,1.0s		pmx	pmx		
HHC	comp=Z.63nm,5.3s		LR	LR		

HHC	comp=N.1um,12.2s		LR	LR		
HHC	comp=E.1um,11.4s		LR	LR		
ZALV	comp=Z.330nm,9.9s	34.16 286	LR	LR	09 36 25.1	
ZALV	Zalesovo Beam		LR	LR		
DGZ	comp=Z.33nm,21.6s,baz=58,slow=36	36.00 278	I	P	09 22 39.1	-0.3
DGZ	Jazzator, Alta		pmx	pmx		
NJ2	comp=Z.5.0nm,0.7s	37.26 228	eP	P	09 22 51.4	+1.3
NJ2	Nanjing		pmx	pmx		
GTA	comp=Z.13nm,0.5s	38.42 256	eP	P	09 23 06.6	+6.5
GTA	Gaotai		pP	sP	09 23 12.3	+7.5
GTA	comp=Z.4.0nm,1.4s		sP	pmx	09 23 15.2	+12
GTA	comp=Z.4.0nm,1.4s		pmx	pmx		
GTA	comp=Z.46nm,6.0s		LR	LR		
GTA	comp=N.470nm,14.5s		LR	LR		
GTA	comp=E.760nm,13.2s		LR	LR		
GTA	comp=Z.320nm,11.1s		LR	LR		
ZSN	Zaisan	38.81 278	I	P	09 23 12.6	+9.5
ZSN	comp=Z.6.0nm,0.9s,baz=277		P	P	09 23 04.9	-0.9
KURK	Kurchatov	39.14 286	P	P	09 23 05.9	-0.3
KURK	comp=Z.5.0nm,0.8s		IAMB	IAMB	09 23 14.2	
KURK	Kurchatov	39.14 286	P	P	09 23 05.7	-0.4
XAN	comp=Z.7.4nm,0.9s	39.15 242	P	P	09 23 05.7	-0.4
XAN	Xi'an		pmx	pmx		
XAN	comp=Z.7.0nm,1.0s		pmx	pmx		
XAN	comp=Z.100nm,7.0s		pmx	pmx		
KURBB	Kurchatov Arra	39.25 286	P	P	09 23 05.5	-1.2
KURBB	comp=Z.3.7nm,0.7s,baz=46,slow=8.4,SNR=36		P	P	09 23 05.8	-0.9
YKA	Yellowknife Ar	39.27 47	P	P	09 23 05.8	-0.9
YKA	comp=Z.1.1nm,0.8s,baz=312,slow=8.1,SNR=8.2		LR	LR	09 39 57.9	
LZH	comp=Z.96nm,20.7s,baz=0.0,slow=37	39.47 249	eP	P	09 23 08.3	-0.6
LZH	Lanzhou		pP	pP	09 23 11.0	-1.3
LZH	comp=Z.1.1nm,0.8s,baz=312,slow=8.1,SNR=8.2		pP	sP	09 23 15.0	+1.4
LZH	comp=Z.20nm,1.1s		Pn	Pn	09 24 10.1	-1.1
LZH	comp=Z.100nm,4.3s		pmx	pmx		
LZH	comp=N.470nm,14.6s		LR	LR		
LZH	comp=E.570nm,14.1s		LR	LR		
LZH	comp=Z.26nm,18.6s,baz=20,slow=41		LR	LR	09 23 16.3	-0.5
MK31	Makanchi Array	40.45 279	P	P	09 23 16.3	-0.5
MK31	comp=Z.3.0nm,0.8s		pmx	pmx		
MK31	Makanchi Array	40.45 279	P	P	09 23 16.3	-0.5
MK31	Makanchi Array	40.45 279	P	P	09 23 15.2	-1.6
MKAR	comp=Z.2.3nm,0.6s,baz=53,slow=4.1,SNR=17		LR	LR	09 43 14.8	
MKAR	Makanchi Array	40.45 279	I	P	09 23 15.1	-1.7
MKAR	comp=Z.2.0nm,0.6s	40.58 280	P	P	09 23 16.7	-1.2
MAKZ	Makanchi		pmx	pmx		
MAKZ	comp=Z.6.0nm,0.8s	40.58 280	P	IAMB	09 23 17.1	
MAKZ	Makanchi	40.93 295	P	P	09 23 19.3	-1.3
BVAR	Borovoye Array	40.93 295	P	P	09 23 19.0	-1.8
BVAR	comp=Z.0.4nm,0.5s,baz=90,slow=3.0,SNR=4.3		pmx	pmx		
BRVK	Borovoye	40.95 295	I	P	09 23 19.0	-1.8
BRVK	comp=Z.2.0nm,1.0s		pmx	pmx		
ARCES	ARCES Array B	42.02 335	P	P	09 23 28.3	-1.1
ARCES	comp=Z.1.7nm,0.8s,baz=54,slow=14,SNR=1.5		LR	LR	09 43 04.3	
ARU	comp=Z.67nm,20.7s,baz=262,slow=39	43.02 306	LR	LR	09 42 55.0	
ARU	Arti		LR	LR		
ARU	Arti	43.02 306	I	P	09 23 37.4	-0.2
ARU	comp=Z.67nm,18.6s,baz=40,slow=38		S	S	09 30 02.2	-0.5
ARU	comp=Z.8.0nm,1.1s		SS	SS	09 33 11.4	-2.7
SUMG	Summit	44.23 4	P	P	09 23 47.5	-0.2
SUMG	Summit	44.23 4	eP	P	09 23 47.5	-0.2
MSF	Maaseika	44.32 330	P	P	09 23 49.4	+1.4
MSF	comp=Z.1.12nm,2.0s		pmx	pmx		
SHLS	Shalkode	44.54 278	I	P	09 23 47.9	-2.4
SHLS	comp=Z.9.2nm,0.9s,baz=277		P	P	09 23 47.8	-2.4
SHLS	Shalkode	44.54 278	I	P	09 23 47.8	-2.4
KIRV	Kirov	44.56 313	LR	LR	09 43 20.8	
KIRV	comp=Z.61nm,19.2s,baz=28,slow=37		LR	LR		
KPKS	Kokpek	44.65 279	I	P	09 23 49.9	-1.1
KPKS	comp=Z.1.3nm,0.6s,baz=279		pmx	pmx		
KPKS	Kokpek	44.65 279	I	P	09 23 49.9	-1.1
KPKS	comp=Z.1.0nm,0.6s	44.75 279	I	P	09 23 50.4	-1.5

Table with columns: TXAR, Lajitas Array, 70.70 63 P, 09 26 54.0 -0.4

Table with columns: RPZ, Rata Peaks, 19.20 21 P, 09 23 27.9 -0.8

Table with columns: PASC, Pasadena Art C, 83.49 47 P, 09 31 14.3 +0.8

Table with columns: MAN 04 09:16:03.1, 13:31N-119:64E, h31km, mb4.1, ML2.9

Table with columns: EIDS, Eidsvoll, 26.34 265 P, 09 24 32.8 +0.4

Table with columns: MURC, Murrieta, 83.81 48 P, 09 31 16.4 +1.3

IDC 04 09:19:32.6, 2.1, 25:82Sx179:73W, h432km, 22km, mb4.1/16, mb1.4-3/19, mb1mx4.0/38, mb1mp4.9/19, Error ellipse: s-maj=11.6km az=132.0

Table with columns: EIDS, Eidsvoll, 26.34 265 P, 09 24 33.0 +0.9

Table with columns: MURC, Murrieta, 83.81 48 P, 09 31 16.4 +1.3

ISC 04 09:19:34.0, 0.3, 25:92Sx179:68W, 0.06, h450km, n388, s1948/401, mb4.6/87, South of Fiji Islands

Main table listing station names, coordinates, and times for the ISC event.

Main table listing station names, coordinates, and times for the ISC event.

Main table listing station names, coordinates, and times for the ISC event.

4d 11h

Table with columns: JAR, Ashoroboto, 3.47 281, P, Pn, 10 03 12.5 +1.4, etc.

IDC 04 10:08:27.8-8.2,20.11S:67.32W,h201km,53km,mb3.1/2, mb1 3.2/3,mb1mx3.0/25,mbtmp3.5/3, Error ellipse: s-maj=106.5km s-min=52.8km az=32.0, Southern

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

UPA 04 10:16:57.0-2.9,3.94N:76.25W,h83km,193km,MW4.1 RNSC 04 10:16:58.7-1.4,4.18N:76.32W,h127km,5km,ML3.4, Mw3.9

IDC 04 10:17:02.1-1.6,4.14N:75.79W,h196km,18km,mb3.0/5, mb1 3.5/6,mb1mx3.2/28,mbtmp3.6/6, Error ellipse: s-maj=35.9km s-min=26.8km az=104.0, ISC 04 10:16:57.5-0.8,4.17N:0.02:76.32W:0.03,h135km,5km, n56,+r151/96,mb3.4/5,7C-6D, Colombia

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

PLMC San Jos del P 0.73 3 eP Pn 10 17 18.4 -0.3

ANIL Santa Ana 0.97 71 fP Pn 10 17 20.7 -0.2

ANIL Bahia Malaga 1.02 261 eP Pn 10 17 37.6 -1.0

TOLC Tolima 1.08 68 eP Pn 10 17 22.1 +0.1

ORTX Ortega, Tolima 1.10 104 fP Pn 10 17 22.3 +0.5

RREF El Recreo 1.21 53 fP Pn 10 17 24.1 +0.5

PIZZ Pizarro, Choco 1.30 307 fP Pn 10 17 24.6 +0.8

MARP Paez Belalcázar 1.37 164 eP Pn 10 17 25.8 +1.0

GUY2C Guyana, Caidas 1.42 42 fP Pn 10 17 26.0 +0.5

PRAC Prado 1.50 108 fP Pn 10 17 27.0 +1.0

CBOC Ciudad Bolívar 1.71 10 fP Pn 10 17 28.4 -0.1

BETC Betania 1.72 149 eP Pn 10 17 29.2 +0.8

PCON Cinco Dias 1.83 182 eP Pn 10 17 31.5 +1.2

SOTA Rioblanco 2.04 188 eP Pn 10 17 33.3 +0.6

ROSC El Rosal 2.10 71 P Pn 10 17 35.3 +2.0

GARC Garzon, Huila 2.14 157 eP Pn 10 17 34.1 +0.4

HELIC Santa Helena 2.16 21 fP Pn 10 17 34.0 0.0

HELIC Bahia Solano 2.31 332 eP Pn 10 17 35.0 +0.1

BBAC Balboa, Cauca 2.35 203 eP Pn 10 17 36.0 +0.1

CHIC Chingaza 2.62 80 eP Pn 10 17 41.6 +1.8

VILC Villavicencio, 2.62 91 eP Pn 10 17 41.4 +1.9

CRUC La Cruz 2.66 194 eP Pn 10 17 40.7 +0.4

SPBC San Pablo de B 2.68 57 fP Pn 10 17 41.5 +1.2

DBBC Dabeiba 2.83 2 eP Pn 10 17 41.9 -0.2

PTBC PUERTO BERRIO, 3.00 38 fP Pn 10 17 44.2 -0.1

GCUF Volcan Galeras 3.10 199 eP Pn 10 17 45.7 -0.3

MACC Macarena, Meta 3.19 129 fP Pn 10 17 47.2 +0.5

PTAC Punta Aridita, 3.31 333 eP Pn 10 17 48.2 -0.1

TUMC Tumaco 3.35 226 eP Pn 10 18 26.7 -1.8

PUAC Puerto Asis, P 3.60 184 eP Pn 10 17 52.9 +0.7

UREC San Jos de Ur 3.64 12 eP Pn 10 17 52.7 0.0

RUSC La Rusia 3.65 62 eP Pn 10 17 54.2 +1.0

BARC Barichara 3.94 52 eP Pn 10 17 57.4 +0.5

PAC1 Pacto, Paraso 4.60 213 eP Pn 10 18 02.8 -2.7

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Table with columns: PAC1, Pamplona, Colo, 4.79 49 eP Pn, 10 18 08.1 -0.2, etc.

IDC 04 10:23:35.1-2.9,22.34S:179.97W,h0km,mb3.8/4, mb1 4.2/4,mb1mx3.8/25,mbtmp3.8/4, Error ellipse: s-maj=237.1km s-min=27.0km az=160.0, NEIC 04 10:24:25.6-1.3,24.2S:0.1:179.9E:0.2,h519km,10km, mb4.0/14, Error ellipse: s-maj=24.0km s-min=18.2km az=94.0, ISC 04 10:24:25.0-0.7,24.2S:0.1:179.9E:0.1,h500km,n20, r151/20,mb3.9/12, South Fiji Islands

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

MSVF Nonsauv 6.62 345 P P 10 20 08.0 +0.8

CTAO Charters Tower 31.31 271 I Amb 10 30 48.0 +1.0

BBOO Buckleboe 39.18 247 P P 10 31 08.5 -0.9

AS31 Alice Springs 41.83 261 P P 10 31 30.3 -0.3

WR0 Warramunga Arr 42.23 267 I Amb 10 31 31.9 -0.5

WRAB Tennant Creek 42.22 267 I Amb 10 31 33.2 -0.6

WB0 Warramunga Arr 42.22 267 P P 10 31 33.1 -0.7

WRA Warramunga Arr 42.22 267 P P 10 31 33.2 -0.6

FORT Forrest 46.06 250 P P 10 32 02.6 -0.8

KNRA Kununurra 48.52 270 P P 10 32 22.1 -0.1

CASY Casey 59.79 206 P P 10 33 39.9 -1.0

MAJO Matsushiro 72.04 326 P P 10 34 56.0 -1.8

SNAA Sanae 84.39 347 P P 10 36 01.8 -2.0

TXAR Lajitas Arr 90.72 58 P P 10 36 34.0 -0.4

NEIC 04 10:38:30.1-2.0, 17.82S:0.05:69.8W:0.1, h146km,7km, mb4.0/3,ML3.7(GUC), Error ellipse: s-maj=18.5km s-min=11.2km az=113.4, ISC 04 10:38:31.0-1.8, 17.93S:69.38W,h152km,14km,mb3.5/2, mb1 3.7/6,mb1mx3.3/35,mbtmp4.1/6, Error ellipse: s-maj=41.2km s-min=10.8km az=102.0, GUC 04 10:38:31.8-0.5, 17.87S:69.86W,h146km,3km,ML3.8 ISC 04 10:38:30.7-0.8, 17.85S:0.05:69.77W:0.09,h144km,6km, n38,+r159/54,mb3.8/4,7C-2D, Peru-Bolivia border region

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

AP01 Chacalluta 0.75 226 eP Pn 10 39 03.0 +0.1

AP01 Chacalluta 0.75 226 Pn Pn 10 38 53.0 +0.1

AP01 IPOC Station P 0.93 215 fP Pn 10 39 11.5 -0.2

PNB12 Minye Minye 1.28 172 fP Pn 10 38 58.5 +0.6

PNB12 Minye Minye 1.28 172 fP Pn 10 39 19.3 +0.6

PNB12 Minye Minye 1.28 172 fP Pn 10 39 20.5 +0.6

PNB12 Minye Minye 1.28 172 fP Pn 10 39 18.8 0.0

PNB12 Pisagua 1.77 191 fP Pn 10 39 02.6 -0.3

PNB12 Pisagua 1.77 191 fP Pn 10 39 25.5 -1.1

PNB12 Chusmiza 1.89 163 fP Pn 10 39 05.7 +1.0

PNB12 IPOC Station P 1.90 177 fP Pn 10 39 04.8 +0.2

PNB12 IPOC Station P 1.90 177 fP Pn 10 39 30.0 +0.3

PNB12 IPOC Station P 1.90 177 fP Pn 10 39 05.0 +0.4

PNB12 IPOC Station P 1.90 177 fP Pn 10 39 03.0 +0.1

LPAZ La Paz 2.21 46 P Pn 10 39 09.0 +0.3

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 11.1 +1.0

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 41.9 -0.7

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 11.1 +1.0

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 13.0 0.6

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 20.6 +0.2

PNB08 IPOC Station P 2.35 166 fP Pn 10 39 59.0 0.0

Table with columns: PB09 IPOC Station P, 3.96 173 P Pn, 10 39 30.9 +0.5, etc.

PNB06 IPOC Station P 4.83 178 P Pn 10 39 41.9 -0.1

PNB10 IPOC Station P 5.34 177 Pn Pn 10 39 35.9 -1.6

PNB02 Mina Guanaco 7.28 179 Pn Pn 10 40 13.6 -1.1

PNB01 Plan de Azucar 8.29 185 Pn Pn 10 40 25.6 -2.5

PNB01 San Ignacio 8.53 79 Pn Pn 10 40 27.7 -3.7

PNB01 San Ignacio 8.53 79 Pn Pn 10 40 27.7 -3.7

PNB01 San Ignacio 8.53 79 Pn Pn 10 40 27.7 -3.7

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PNB01 San Ignacio 8.53 79 Pn Pn 10 40 27.7 -3.7

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MYLDM, WRKA, EIDS, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PPT2, PPT2, PPT, etc.

IDD 04 11:29:49.0, 8, 16:33S:174:79W, h0km, mb4, 1/14, mb1 4.4/15, mb1mx3.2/29, mbmt4.1/15, ML3.7/1, MS3.9/20, Ms1 3.9/20, ms1mx3.9/24, Error ellipse: s-maj=28.0km s-min=18.5km az=149.0 NEIC 04 11:29:50.2, 8, 16:63S:0:09:175:1W:0:2, h10km, 1km, mb4, 8/42, Error ellipse: s-maj=26.6km s-min=13.0km GCMT 04 11:29:52.5, 0.3, 16:67S:0:04:174:39W:0:02, h14km, 1km, MW4:8/89, Moment Tensor Solution. s17:c18; s89:c108; Duration: 0 Moment tensor: Scale 10^18N; Mr-2:14:18; Mw:0.41:1.0; Mw:1.73:1.1; Mw:0.78:3.0; Mw:0.33:0.7; Mo:0.37:2.1; Best double couple: Mo:2:112.00000; NP1:29.00000; delta.500000; -lambda.65.00000; NP2: s=176.00000; delta.500000; Azm282.0000; N 0.5860; P1g17.0000; AlgM191.0000; P-2.4070; P1g73.0000; Azm21.0000; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function BGR 04 11:30:00.1, 0.0, 15:89S:173:25W, h33km, Ms4.2 ISC 04 11:30:54.0, 6, 16:55S:0:17:149W:0:1, h35km, n129, s128/106, mb4.7/35, MS4.0/22, 7C, Tonga Islands Code Station Name Az El Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSNM Snow Mountain, GDCM Dry Creek, M02C Callahan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWD Chiawan, TIPB Shuangxi, TDCB Techi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVAN comp=N,2um,0.5s, BTM Batman, etc.

JMA 04 12:25:08.0-1.24'30N-123'38E, h26km, M1.1, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

TAP 04 12:25:52.2, 24.48N-121.71E, h63km, 1km, M1.9, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, TWC Suao, NDT Datong, etc.

ISC 04 12:27:24.3-0.8, 30.77S-177.50W, h0km, mb4.3/7, mb1 4.5/7, mb1mx4.2/26, mbtmp4.3/7, MS3.8/12, Ms1 3.8/12, ms1mx3.6/36, Error ellipse: s-maj=25.0km s-min=22.4km az=119

NEIC 04 12:27:25.5-1.8, 30.77S-177.43W, h0.05, h10km, 1km, mb4.5/12, Error ellipse: s-maj=11.6km s-min=7.9km az=167.0

ISC 04 12:27:26.1-0.6, 30.77S-177.4W, 0.1, h10km, n54, e201/41, mb4.5/13, MS3.7/12, Kermadec Islands

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

ISK 04 12:28:53.6, 38'43N-41'99E, h7km, ML3.9/20, IDC 04 12:28:54.6, 2.8, 38'39N-41'79E, h0km, mb3.7/1, mb1 3.4/6, mb1mx3.2/35, mbtmp3.3/6, ML3.1/5, MS2.6/3, Ms1 2.5/3, ms1mx2.4/38, Error ellipse: s-maj=43.8km s-min=20.4km az=122.0

DDA 04 12:28:54.0, 38'45N-41'96E, h8km, 1km, MW3.7, ISC 04 12:28:54.3-0.9, 38'44N-41'97E, 0.02, h8km, h3km, n52/18, Turkey

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

KRSZO 04 12:33:57.9, 0.8, 47'73N-15'95E, h0km, 2km, ML1.8/9, IPEC 04 12:33:58.8, 0.1, 47'75N-15'89E, h7km, ML2.6/4, Error ellipse: s-maj=2.1km s-min=0.6km az=107.0, PRU 04 12:33:59.2, 0.0, 47'78N-15'89E, h2km, VIE 04 12:33:58.6, 0.2, 47'75N-15'92E, h8km, 2km, mb1.9/7, ml2.6/7, Error ellipse: s-maj=1.7km s-min=1.3km az=108.0 8 km N of Gloggnitz felt 3-4 ems98 at Puchberg am Schneeberg / Lower Austria, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVAN comp=N,2um,0.5s, BTM Batman, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kununurra, Fitzroy Crossi, Korea Array, etc.

IDC 04 12:39:51.6z.2.1, 28.65S, 177.73W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/34, mbtmp3.7/3, Error ellipse: s-maj=45.9km s-min=20.0km az=82.0

NEIC 04 12:39:51.8z.0.4, 28.5S, 0.1x177.5W, 0.2, h12km, 7km, mb4.2/3, Error ellipse: s-maj=24.5km s-min=9.6km az=122.0

ISC 04 12:39:52.5z.0.2, 28.6S, 0.2x177.5W, 0.3, h10km, n10, c0537.7, mb4.0/6, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Alice Springs, Warrunguna Arr, etc.

TAP 04 12:39:59.5, 24.24N, 122.19E, h46km, ML2.9, C JMA 04 12:39:59.4z.0.1, 24.23N, 122.16E, h58km, 2km, M2.2

ISC 04 12:40:00.5z.1.2, 24.26N, 0.04x122.19E, 0.02, h42km, 15km, n75, c0563/105, 1C-1D, Taiwan region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YM11, YM05, YM04, etc.

IDC 04 13:02:46.0z.3.8, 13.14N, 92.14W, h0km, mb3.8/3, mb1 4.1/6, mb1mx3.8/40, mbtmp3.8/6, ML3.5/3, MS3.9/6, Ms1 3.9/6, ms1mx3.3/41, Error ellipse: s-maj=68.3km s-min=46.3km az=10.0

GEX 04 13:02:46.0z.3.8, 13.17N, 92.81W, h24km, MD4.2 MCG 04 13:02:50.0z.3.8, 13.70N, 92.36W, h10km, MD4.1

ISC 04 13:02:50.4z.1.4, 13.92N, 0.1x92.38W, 0.06, h10km, n20, c0952.12, mb3.9/3, Off coast of Chiapas

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

NEIC 04 12:44:06.2z.0.8, 32.55S, 0.03x178.0W, 0.2, h35km, 2km, mb4.9/9, Error ellipse: s-maj=22.8km s-min=3.1km az=101.0

IDC 04 12:44:07.5z.4.9, 30.00S, 178.87W, h0km, mb4.0/2, mb1 4.3/2, mb1mx3.6/31, mbtmp4.0/2, Error ellipse: s-maj=223.5km s-min=78.1km az=166.0

ISC 04 12:44:03.8z.1.1, 32.55S, 0.07x177.9W, 0.2, h20km, n20, c1908.21, mb4.4/7, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Matakaoa Point, etc.

IDC 04 13:02:46.0z.3.8, 13.14N, 92.14W, h0km, mb3.8/3, mb1 4.1/6, mb1mx3.8/40, mbtmp3.8/6, ML3.5/3, MS3.9/6, Ms1 3.9/6, ms1mx3.3/41, Error ellipse: s-maj=68.3km s-min=46.3km az=10.0

GEX 04 13:02:46.0z.3.8, 13.97N, 92.81W, h24km, MD4.2 MCG 04 13:02:50.0z.3.8, 13.70N, 92.36W, h10km, MD4.1

ISC 04 13:02:50.4z.1.4, 13.92N, 0.1x92.38W, 0.06, h10km, n20, c0952.12, mb3.9/3, Off coast of Chiapas

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

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

ISC 04 13:03:08.0z.1.2, 48.39N, 0.05x17.30E, 0.07, h7km, n7, c1946.10, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Modra-Piesok, Smolence, etc.

BUJ 04 13:12:16.5z.0.0, 6.72S, 155.99E, h40km, mb5.3/67, mb5.2/75, Ms5.1/78, Ms7.4/977

MOS 04 13:12:17.1z.1.0, 6.86S, 155.79E, h39km, mb5.6/55, MS4.9/20, Error ellipse: s-maj=7.3km s-min=5.1km az=118.3

NEIC 04 13:12:17.7z.2.1, 7.02S, 0.07x155.90E, 0.07, h39km, 4km, mb5.6/104, Ms. 20.5, 3/538, Mw5.4/37, Mw5.5, Mw5.6(GCMT), Error ellipse: s-maj=11.8km s-min=8.6km az=217.0

NEIC 04 13:12:18.4z.7.00S, 155.85E, h35km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1.63; Mw=1.46; Mw=0.16; Mw=0.13; Mw=0.57; Mw=0.07; Fault plane solution: M=1.66000x10^17 NP1=110.10000, d42.45000, l89.00000. NP2=291.47000, s47.56000, l90.92000. Principal axes: T 1.6323, Plg87.0000, Azm126.0000; N 0.0535, Plg1.0000, Azm111.0000; P -1.9356, Plg3.0000, Azm2.0000

NEIC 04 13:12:19.6z.95S, 155.69E, h60km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr2.37; Mw=1.53; Mw=0.83; Mw=0.02; Mw=1.05; Mw=0.19; Fault plane solution: M=2.34000x10^17 NP1=122.0000, d44.00000, l84.00000. NP2=310.00000, s46.00000, l95.00000. Principal axes: T 2.3808, Plg86.0000, Azm289.0000; N -0.0903, Plg4.0000, Azm126.0000; P -2.2905, Plg1.0000, Azm36.0000

DJA 04 13:12:20.4z.1.3, 7.15S, 156.1E, 0.1, h68km, 18km, M5.8/6, mb5.8/6, mb5.5/6, Mlv6.4/1, Mw(mw)5.3/6, Mwps5/2

GCMT 04 13:12:20.7z.0.1, 7.20S, 0.07x155.78E, 0.01, h50km, Mw5.5/160, Moment Tensor Solution. s160.0280; s135.0254; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mr2.43; Mw=1.68; Mw=0.74; Mw=0.21; Mw=0.21; Mw=1.46; Mw=0.20; Mw=0.20; Best double couple: M=2.60700x10^17 NP1=134.00000, s45.00000, l101.00000. NP2=299.00000, s46.00000, l80.00000. Principal axes: T 2.4670, Plg83.0000, Azm131.0000; N 0.2830, Plg7.0000, Azm306.0000; P -2.7460, Plg1.0000, Azm36.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function IDC 04 13:12:21.9z.1.4, 6.99S, 155.82E, h72km, 11km, mb5.0/30, mb1 5.0/36, mb1mx4.0/37, mbtmp5.3/36, MS4.8/30, Ms1 4.8/30, ms1mx4.8/36, Error ellipse: s-maj=12.1km s-min=8.7km az=66.0

NEIC 04 13:12:21.7z.16S, 155.87E, h49km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr2.62; Mw=1.84; Mw=0.78; Mw=0.26; Mw=1.61; Mw=0.25; Fault plane solution: M=2.86000x10^17 NP1=135.00000, s45.00000, l103.00000. NP2=297.00000, s46.00000, l78.00000. Principal axes: T 2.6779, Plg81.0000, Azm130.0000; N 0.3279, Plg9.0000, Azm306.0000; P -3.0058, Plg1.0000, Azm36.0000

KLM 04 13:12:21.0z.71.0S, 155.81E, h95km, mb5.8, Hypocentre ISC 04 13:12:19.2z.0.3, 6.98S, 0.04x155.85E, 0.04, h53km, 2km, h53km; PP-P, n984, c1960/841, mb5.5/147, MS5.3/339, 72C-22D, Bougainville-Solomon Islands region

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

4d 13h

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, elevation, azimuth).

2014 JUL

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, elevation, azimuth).

190

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, elevation, azimuth).

4d 13h

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like MAKZ Makanchi, A21K Barrow, TOLK Toolik Lake Re, etc.

2014 JUL

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like EPYK Eagle Plains, TKM2 Tokmak 2, GDXM Geysers, etc.

192

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like GSC Goldstone, CHM Chinkent, CHM Chinkent, etc.

4d 15h

Table with columns: Station, Name, Az, El, P, S, R, Time, Res. Includes stations like M04C Macdoel, MOD Modoc Plateau, O03E Paynes Creek, etc.

2014 JUL

Table with columns: Station, Name, Az, El, P, S, R, Time, Res. Includes stations like SUMG Summit, SUMG SDCO, LZH Lanzhou, etc.

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Table with columns: Station, Name, Az, El, P, S, R, Time, Res. Includes stations like KKAR Karatay Array, KKAR Karatay Array, KKAR Karatay Array, etc.

GGC 04 14:09:30.8(0.3), 13.72N:92.31W, h50km, MD4.0
MEX 04 14:09:30.9(0.4), 13.66N:92.47W, h16km, 236km, MD3.8
ISC 04 14:09:31.3(0.5), 13.81N:02.92W:0.1, h46km, n6, o579/8, 5
Off coast of Chiapas
Code Station Name Az El P S R Time Res

4d 15h

2014 JUL

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Table with columns for race name, date, time, and various codes (e.g., AREO, ULM, BGNE, etc.).

Table with columns for race name, date, time, and various codes (e.g., ANN, FINES, LINES, etc.).

Table with columns for race name, date, time, and various codes (e.g., NACGM, ISAL, KMB0, etc.).

2014 JUL

4d 15h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like T55A Pulaski, S55A Liszkesteto, PSZ Piszkesteto, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like JAVC Velka Javorina, JAVC Velka Javorina, JAVC Velka Javorina, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like R58A comp=Z,6um,19.0s, XOR Rapidan, Y58A Xorich, etc.

V59A	Middlesex	124.81	50	P	PKIKP	15 19 27.7 +1.0
E60A	Ste Agathe de	124.82	36	P	PKIKP	15 19 26.5 +0.1
S59A	Mechanicsville	124.82	48	P	PKIKP	15 19 27.7 +1.0
D60A	Saint Jean D'O	124.83	35	P	PKIKP	15 19 26.4 +0.0
NEUB	Neuenburg	124.83	31	ePKP	PKP	15 19 26.1 +0.1
THL	Klokots Trika	124.87	315	P	PKP	15 19 24.0 -2.4
RUDO	Rudo	124.88	32	eP	PKP	15 19 25.6 -0.7
Y59A	Loris	124.88	53	P	PKIKP	15 19 27.7 +0.8
IVA	Berane	124.89	319	PKP	PKP	15 19 25.4 -1.1
T59A	Double "B" Far	124.91	49	P	PKIKP	15 19 27.8 +0.9
HAPS	Han Pijesak, BI	124.92	321	eP	PKP	15 19 25.5 -1.0
X59A	McDuffie Farm,	124.92	52	P	PKIKP	15 19 27.5 +0.6
B60A	Masonville	124.95	38	P	PKIKP	15 19 27.3 +0.5
U59A	Littleton	124.95	50	P	PKIKP	15 19 27.6 +0.6
U59A	Littleton	124.95	50	IAMS_20	IAMS_20	16 08 19.6
ACCN	Adirondack	124.96	40	IAMS_20	IAMS_20	16 22 44.4
PLV	Play	124.97	319	PKP	PKP	15 19 26.0 -0.7
I60A	Shoreham	124.98	40	P	PKIKP	15 19 27.6 +0.8
H60A	Morristown	125.00	39	P	PKIKP	15 19 27.3 +0.4
PLE	Piljevlja	125.00	320	PKP	PKP	15 19 26.4 -0.3
MAKR	Makrakomi, Fth	125.01	314	P	PKP	15 19 26.1 -0.7
BEHE	Becehsely	125.01	324	eP	PKP	15 19 28.5 +1.7
TANN	Tannenbergshta	125.01	330	ePKP	PKP	15 19 26.6 +0.1
PHF	Peshkopja	125.06	318	P	PKP	15 19 26.1 -0.7
WERD	Werda	125.07	330	ePKP	PKP	15 19 26.5 0.0
OHR	Ohrid	125.07	317	iP	PKP	15 19 26.4 -0.5
CHL	Clauthal	125.07	333	ePKP	PKP	15 19 27.0 +0.1
VT1	Waterbury	125.08	39	IAMS_20	IAMS_20	16 16 09.5
D61A	St Aubert, Com	125.09	35	P	PKIKP	15 19 27.4 +0.5
GUNZ	Gunzen	125.11	330	ePKP	PKP	15 19 26.9 -0.1
PLN	Plauen	125.12	330	ePKP	PKP	15 19 26.7 +0.2
NKC	Novy Kostel	125.13	330	ePKP	PKP	15 19 27.7 +0.7
NKC	Novy Kostel	125.13	330	ePKP	PKP	15 19 27.7 +0.7
NKC	Novy Kostel	125.13	330	ePKP	PKP	15 19 27.7 +0.7
NKC	Novy Kostel	125.13	330	ePKP	PKP	15 19 27.7 +0.7
WERI	Wernitzgruen	125.13	330	ePKP	PKP	15 19 27.0 0.0
N60A	Cedar Hill Far	125.14	44	P	PKIKP	15 19 27.8 +0.6
KOME	Kolasin	125.14	319	PKP	PKP	15 19 26.7 -0.3
O60A	Telford	125.17	44	P	PKIKP	15 19 28.4 +1.1
KPRO	Kipouroi	125.17	315	P	PKP	15 19 25.1 -2.0
K60A	Five Rivers En	125.17	41	P	PKIKP	15 19 28.4 +1.2
J60A	Lant Hill Farm	125.18	40	P	PKIKP	15 19 28.0 +0.8
NEST	Nestorio	125.20	316	P	PKP	15 19 28.8 -0.4
O61Z	Ochopov	125.20	63	IAMS_20	IAMS_20	16 20 27.0
P60A	Greenville	125.22	45	P	PKIKP	15 19 27.7 +0.3
KHC	Kasperske Hory	125.24	328	ePKP	PKP	15 19 27.3 0.0
KHC	Kasperske Hory	125.24	328	ePKP	PKP	15 19 27.3 0.0
KHC	Kasperske Hory	125.24	328	ePKP	PKP	15 19 27.3 0.0
KHC	Kasperske Hory	125.24	328	ePKP	PKP	15 19 27.3 0.0
L60A	Shokan	125.24	42	P	PKIKP	15 19 27.4 0.0
CNNC	Cliffs of the	125.25	51	P	PKIKP	15 19 28.6 +1.0
TRY	Troy	125.27	41	IAMS_20	IAMS_20	16 13 07.7
GUR	Goura	125.27	313	P	PKP	15 19 26.3 -1.1
M60A	Port Jervis	125.27	43	P	PKIKP	15 19 28.1 +0.6
EVY	Evyrytania	125.28	314	P	PKP	15 19 26.1 -1.3
MOX	Moxa	125.28	331	ePKP	PKP	15 19 27.1 +0.2
MOX	Moxa	125.28	331	ePKP	PKP	15 19 27.1 +0.2
ARSA	Arzberg	125.29	326	iPKP	PKP	15 19 26.8 -0.3
KPLA	Krasna	125.29	326	iPKP	PKP	15 19 26.8 -0.3
ARSA	Arzberg	125.29	326	iPKP	PKP	15 19 26.8 -0.3
F61A	St Evariste	125.30	36	P	PKIKP	15 19 28.2 +0.8
TRIZ	Triziano	125.30	313	P	PKP	15 19 26.9 -0.4
S60A	Water View	125.31	48	P	PKIKP	15 19 28.8 +1.1
ANX	Ano Chora	125.32	314	P	PKP	15 19 27.6 +0.1
MEV	Metsovon	125.33	315	P	PKIKP	15 19 28.1 +0.2
MEV	Lac Etchemin	125.33	316	P	PKIKP	15 19 28.0 +0.5
G61A	St-Isidore-de-	125.34	37	P	PKIKP	15 19 28.0 +0.4
GE2C	GERESS Array S	125.35	328	ePKP	PKP	15 19 27.2 0.0
GE2C	GERESS Array S	125.35	328	ePKP	PKP	15 19 27.2 0.0
GE2C	GERESS Array S	125.35	328	ePKP	PKP	15 19 27.2 0.0
GERES	GERESS Array B	125.35	328	ePKP	PKP	15 19 27.8 +0.2
GERES	GERESS Array B	125.35	328	ePKP	PKP	15 19 27.8 +0.2
GERES	GERESS Array B	125.35	328	ePKP	PKP	15 19 27.8 +0.2
KLV	Kalavryta, Ach	125.37	313	P	PKP	15 19 26.8 -0.7
UPM	Unac-Piva	125.37	320	PKP	PKP	15 19 25.9 -1.6
U60A	Pendleton	125.39	49	P	PKIKP	15 19 28.2 +0.4
EFP	Elfalvo	125.40	313	P	PKIKP	15 19 27.8 0.0
Q60A	Greensboro	125.40	46	P	PKIKP	15 19 29.1 +1.3
X60A	Albert Glenn T	125.40	52	P	PKIKP	15 19 28.5 +0.6
O60A	Indiano	125.44	61	IAMS_20	IAMS_20	16 13 55.3
W60A	Pink Hill	125.45	51	P	PKIKP	15 19 29.0 +1.0
MANZ	Manzenberg	125.46	330	ePKP	PKP	15 19 27.5 +0.2
GTG2	Gottingen	125.46	332	ePKP	PKP	15 19 27.6 +0.1
TRIP	Tripoli	125.47	312	P	PKP	15 19 27.5 -0.2
AC04	Llanos de Chal	125.49	38	P	PKP	15 19 28.6 +1.2
H61A	Lyndonville	125.49	38	P	PKIKP	15 19 28.9 +1.0
NKY	Niksic	125.50	319	PKP	PKP	15 19 26.8 -0.9
PDG	Podgorica	125.51	319	PKP	PKP	15 19 27.4 -0.1
PDG	Podgorica	125.51	319	PKP	PKP	15 19 27.0 -0.5
TTG	Podgorica	125.51	319	PKP	PKP	15 19 27.1 -0.5
NKMC	Niksic	125.51	319	PKP	PKP	15 19 26.3 -1.4
ROTZ	Rotzenmuhle	125.55	330	ePKP	PKP	15 19 27.6 +0.1
V61A	Williamstown	125.56	41	P	PKIKP	15 19 28.8 +0.8
K60A	Jim Taylor Roa	125.56	50	P	PKIKP	15 19 29.1 +0.9
V60A	Jim Taylor Roa	125.56	50	IAMS_20	IAMS_20	16 13 03.7
L61A	Hillsdale 1, H	125.59	41	P	PKIKP	15 19 28.6 +0.5
PVO	Paravola	125.60	314	P	PKIKP	15 19 28.1 -0.1
WETZ	Wetzell	125.60	329	PKP	PKP	15 19 28.4 +0.4
WETZ	Wetzell	125.60	329	ePKP	PKP	15 19 27.8 -0.1

WET	baz=50,slow=1.9	eL	L	16 17 10.0
TIR	comp=Z,8um,20.7s	125.60 317 P	PKP	15 19 27.8 0.0
TIR	Tirane	125.60 317 P	PKP	15 19 27.7 +0.5
TIR	Tirane	125.60 317 P	PKP	15 19 28.7 +0.5
CFA	Coronel Fontan	125.61 136 PKP	PKP	15 19 28.3 +0.1
CFA	comp=Z,61nm,1.1s, baz=246,slow=2.2,SNR=67	PP	PP	15 21 17.5 -1.7
LBNH	Lisbon	125.64 39 P	PKIKP	15 19 28.9 +0.7
MOA	Mollin	125.64 327 iPKP	PKP	15 19 27.4 -0.3
MOA	comp=Z,61nm,1.4s,SNR=18	iPP	PP	15 21 17.1 -1.9
MOA	comp=Z,19nm,1.3s	SKKPbc	SKKPbc	15 32 51.6 -4.4
DRME	Dracevica, Mon	125.67 319 iPKP	PKP	15 19 27.1 -0.8
DRME	Dracevica, Mon	125.67 319 eP	PKP	15 19 27.8 -0.1
B60A	Banja Luka	125.68 322 eP	PKP	15 19 28.0 +0.2
CEME	Cevo	125.68 319 iPKP	PKP	15 19 27.2 -0.8
HNN	Hanover	125.68 39 IAMS_20	IAMS_20	16 16 30.4
J61A	Chester	125.69 40 P	PKIKP	15 19 29.2 +0.9
ULC	Ulcinj	125.73 318 iPKP	PKP	15 19 27.3 -0.7
N61A	South Mountain	125.74 43 P	PKP	15 19 28.7 +0.3
BRY	Bratogost	125.75 320 iPKP	PKP	15 19 26.2 -2.0
BRY	Bratogost	125.75 320 eP	PKP	15 19 26.8 -1.4
E62A	Clayton Lake	125.75 35 P	PKIKP	15 19 28.3 -0.1
D62A	baz=304,SNR=19	125.80 34 P	PKIKP	15 19 28.3 0.0
BUM	Brajci-Budva	125.81 319 iPKP	PKP	15 19 26.8 -1.4
M61A	Zagreb	125.82 324 eP	PKIKP	15 19 28.4 0.0
M61A	Granite Spring	125.85 43 P	PKIKP	15 19 29.1 +0.4
RLS	Riolos of Patr	125.86 313 P	PKIKP	15 19 29.3 +0.6
P61A	Hamontton	125.86 45 IAMS_20	IAMS_20	15 19 02.1
SOKA	Soboth	125.89 325 iPKP	PKP	15 19 28.0 -0.3
SOKA	comp=Z,164nm,1.5s,SNR=64	iPP	PP	15 21 20.7 -0.1
SOKA	comp=Z,78nm,1.8s	SKKPbc	SKKPbc	15 32 55.0 -0.1
PAL	Palisades	125.90 43 P	PKIKP	15 19 29.2 +0.5
MGRS	Mrkonic Grad	125.91 322 eP	PKIKP	15 19 29.2 +0.5
DRUM	Mains of Drum	125.91 344 eP	PKP	15 19 27.3 -0.6
IBBN	Ibbenburg	125.91 334 ePKP	PKIKP	15 19 28.4 0.0
UBBA	Unterzibsch	125.93 32 ePKP	PKIKP	15 19 28.4 0.0
H62A	Milan	125.94 38 P	PKIKP	15 19 29.5 +0.7
H62A	Milan	125.94 38 IAMS_20	IAMS_20	16 15 40.0
F62A	Pittston Farm,	125.94 36 P	PKIKP	15 19 29.2 +0.5
TREB	Trebinje	125.96 320 eP	PKP	15 19 27.9 -0.5
W61A	Ground Anchor	125.97 51 P	PKIKP	15 19 30.0 +1.0
G62A	West of Eustis	125.97 37 P	PKIKP	15 19 29.1 +0.3
U61A	Possum Corner	125.97 49 P	PKIKP	15 19 30.1 +1.1
HCY	Herceg Novi	126.00 319 iPKP	PKP	15 19 28.0 -0.5
GCIS	Gornji Cirkic	126.00 324 iPKP	PKP	15 19 28.5 +0.1
L61B	Northampton	126.04 41 P	PKIKP	15 19 29.5 +0.5
IGT	Igoumitisa	126.07 315 P	PKP	15 19 28.2 -0.5
V61A	Roper	126.07 50 P	PKIKP	15 19 30.3 +1.1
CRES	Cresnew	126.13 324 eP	PKP	15 19 28.8 +0.1
KAC	Kachibellach	126.14 346 eP	PKP	15 19 29.9 +0.7
I62A	Tamworth	126.19 39 IAMS_20	IAMS_20	16 12 21.8
J62A	Henker	126.22 40 P	PKIKP	15 19 30.1 +0.8
K62A	Royalston	126.22 40 P	PKIKP	15 19 30.1 +0.7
L62A	Suffield	126.25 41 P	PKIKP	15 19 30.2 +0.8
OBKA	Obir	126.26 325 iPKP	PKP	15 19 28.7 -0.3
OBKA	comp=Z,80nm,1.5s,SNR=24	iPP	PP	15 21 20.7 -2.6
OBKA	comp=Z,84nm,1.4s	eSKKPbc	SKKPbc	15 32 58.3 +4.5
OBKA	comp=Z,36nm,1.5s	SKKPbc	SKKPbc	15 32 58.3 +4.5
STON	Ston	126.30 320 eP	PKP	15 19 28.2 -0.8
D63A	Stockholm	126.35 34 P	PKP	15 19 29.4 -0.1
KEK	Keirika	126.36 316 P	PKP	15 19 28.1 -1.2
KPL	Kloprokta	126.37 346 eP	PKP	15 19 28.6 -0.1
M62A	Hamden	126.38 42 P	PKP	15 19 29.3 +0.1
BOUS	Bojanci	126.42 324 iPKP	PKP	15 19 29.4 +0.2
BOUS	Bojanci	126.42 324 eP	PKP	15 19 28.5 -0.1
BOUS	Bojanci	126.42 324 eP	PKP	15 19 28.5 -0.1
VISS	Visnje	126.50 324 iPKP	PKP	15 19 29.4 0.0
VISS	Visnje	126.50 324 eP	PKP	15 19 29.4 0.0
E63A	Oxbow	126.53 35 P	PKP	15 19 29.5 +0.1
E63A	Oxbow	126.53 35 IAMS_20	IAMS_20	16 12 46.1
LJU	Ljubljana	126.54 325 iPKP	PKP	15 19 29.4 0.0
LJU	Ljubljana	126.54 325 eP	PKP	15 19 29.1 0.0
LJU	Ljubljana	126.54 325 eP	PKP	15 19 29.1 0.0
LJU	Ljubljana	126.54 325 eP	PKP	15 19 29.1 0.0
LJU	Ljubljana	126.54 325 eP	PKP	15 19 29.1 0.0
F63A	Nahmakanta, Br	126.55 36 P	PKIKP	15 19 30.2 +0.3
I63A	Otisfield	126.56 38 IAMS_20	IAMS_20	15 19 39.6
I63A	Otisfield	126.56 38 IAMS_20	IAMS_20	15 19 39.6
G63A	comp=Z,7um,20.0s	126.57 37 P	PKIKP	15 19 30.5 +0.5
KBA	Koelnbreinsper	126.60 326 iPKP	PKP	15 19 29.0 -0.7
KBA	comp=Z,78nm,1.2s,SNR=19	iPP	PP	15 21 23.6 -2.0
KBA	comp=Z,122nm,1.6s	eSKKPbc	SKKPbc	15 32 57

MK31	comp=Z,16nm,1.1s	I	Amb	I	Amb	17 32 42.8		
MKAR	Makanchi Array	48.63 309	P	P		17 32 41.8 +0.1		
MKAR	comp=Z,1.9nm,0.7s,baz=89,slow=10,SNR=134		P	PcP		17 33 58.0 -0.4		
MKAR	comp=Z,1.9nm,0.6s,baz=89,slow=5.2,SNR=4.9		ScP	ScP		17 37 06.5 -1.0		
MAK2	Makanchi	48.85 309	P	P		17 32 43.6 +0.4		
MAK2	comp=Z,16nm,0.9s		P	P				
MAK2	Makanchi	48.85 309	P	P		17 32 43.6 +0.4		
MAK2	comp=Z,16nm,0.9s		I	Amb	I	Amb	17 32 45.1	
DANN	Dangsing	49.29 285	eP	P		17 32 47.8 +0.7		
KOLN	Koldanda	49.56 284	eP	P		17 32 49.3 +0.3		
PUYUN	Pluthan	50.01 285	eP	P		17 32 52.8 +0.5		
SEM	Semipalatinsk	50.16 314	iP	P		17 32 52.8 -0.4		
SEM	Semipalatinsk	50.16 314	iP	P		17 32 52.7 -0.4		
SEM	comp=Z,14nm,0.5s		P	P				
ANM	Nome	50.32 27	P	P		17 32 55.5 +1.7		
ANM	comp=Z,8.0nm,0.8s		P	P				
ANM	Nome	50.32 27	P	I	Amb	17 32 55.5 +1.7		
ANM	comp=Z,7.8nm,0.8s		P	P				
SDPT	Sand Point	50.48 40	P	P		17 32 55.2 +0.1		
SHLS	Shalkode	50.67 305	iP	P		17 32 54.9 -2.0		
SHLS	comp=Z,8.2nm,0.5s,baz=304		P	P				
SHLS	Shalkode	50.67 305	iP	P		17 32 54.9 -2.0		
SHLS	comp=Z,8.0nm,0.5s		P	P				
CNBA	Chernabura Isl	50.92 40	P	I	Amb	17 32 58.7 +0.4		
CNBA	comp=Z,22nm,0.8s		P	P				
UZB	Uzynbulak	51.00 305	iP	P		17 32 59.4 0.0		
UZB	Uzynbulak	51.00 305	iP	P		17 32 59.3 0.0		
KURK	Kurchatov	51.22 314	eP	P		17 33 00.3 -0.3		
KURK	comp=Z,36nm,0.7s		P	P				
KURK	Kurchatov	51.22 314	P	P		17 33 00.7 +0.1		
KPKS	Kokpek	51.22 305	iP	P		17 33 01.1 +0.1		
KPKS	comp=Z,8.1nm,0.5s,baz=305		P	P				
KPKS	Kokpek	51.22 305	iP	P		17 33 01.0 +0.1		
KURBB	Kurchatov Arra	51.27 314	P	P		17 33 00.2 -0.7		
AS31	Alice Springs	51.38 187	P	P		17 33 01.0 -1.1		
ASAR	Alice Springs	51.38 187	P	P		17 33 01.3 -0.8		
ASAR	comp=Z,1.1nm,0.5s,baz=1.5,slow=5.8,SNR=55		PcP	PcP		17 34 08.7 -0.1		
ASAR	comp=Z,0.6nm,0.6s,baz=20,slow=3.5,SNR=6.6		ScP	ScP		17 37 18.7 -0.8		
NR1K	Noril'sk	51.42 339	P	P		17 33 01.8 +0.1		
NR1K	comp=Z,1.1nm,1.0s,baz=130,slow=6.2,SNR=6.4		P	P				
NR1K	Noril'sk	51.42 339	eP	P		17 33 02.0 +0.2		
NR1K	comp=Z,14nm,1.0s		P	P				
SATY	Saty	51.45 304	iP	P		17 33 03.1 +0.4		
SATY	comp=Z,9.6nm,1.0s,baz=304		P	P				
SATY	Saty	51.45 304	iP	P		17 33 03.0 +0.4		
PRZ	Przheval'sk	51.50 304	P	P		17 33 04.3 +1.3		
PRZ	comp=Z,63nm,0.7s		P	P				
PRZ	Przheval'sk	51.50 304	P	P		17 33 04.3 +1.3		
TARG	Taragay, Kyrgy	52.00 303	I	Amb	I	Amb	17 33 07.6 +0.7	
TARG	comp=Z,20nm,0.9s		P	P				
CHKK	Chushkaly	52.43 306	iP	P		17 33 09.8 +0.3		
CHKK	Chushkaly	52.43 306	iP	P		17 33 09.8 +0.3		
KDJ	Kajisay	52.43 303	P	P		17 33 10.5 +0.8		
KDJ	comp=Z,21nm,1.2s		P	P				
KDJ	Kajisay	52.43 303	P	I	Amb	17 33 10.5 +0.8		
MDOK	Medeo	52.44 305	iP	P		17 33 10.6 +0.8		
MDOK	comp=Z,564nm,0.6s,baz=305		P	P				
MDOK	Medeo	52.44 305	iP	P		17 33 10.5 +0.8		
RDOG	Red Dog Mine	52.46 23	P	I	Amb	I	Amb	17 33 10.9 +1.6
RDOG	comp=Z,12nm,0.6s		P	P				
TNSS	Tian-Shan	52.52 305	iP	P		17 33 11.7 +1.1		
TNSS	Tian-Shan	52.52 305	iP	P		17 33 11.7 +1.1		
AAA	Alma-Ata	52.53 305	iP	P		17 33 11.2 +0.8		
AAA	Alma-Ata	52.53 305	iP	P		17 33 11.1 +0.8		
PSA00	Pilbara Seismi	52.70 204	P	I	Amb	I	Amb	17 33 12.9 +1.3
PSA00	comp=Z,16nm,1.3s		P	P				
MTBS	Maitube	52.89 305	eP	P		17 33 13.9 +1.0		
MTBS	comp=Z,25nm,0.6s		P	P				
MTBS	Maitube	52.89 305	eP	P		17 33 13.9 +1.0		
KUU	Kury	52.89 306	iP	P		17 33 13.2 +0.3		
KUU	comp=Z,33nm,0.5s,baz=306		P	P				
KUU	Kury	52.89 306	iP	P		17 33 13.1 +0.3		
CHIR	Chirikof Islan	53.27 39	P	P		17 33 16.5 +1.2		
BOOM	Boomsokoye usch	53.31 304	P	P		17 33 16.8 +0.8		
BOOM	comp=Z,25nm,0.6s		P	P				
BOOM	Boomsokoye usch	53.31 304	P	P		17 33 16.8 +0.8		
TKM2	Tokmak 2	53.52 304	P	P		17 33 18.2 +0.7		
EIDS	Eidsvold	53.79 168	P	I	Amb	I	Amb	17 33 19.7 +0.4
EIDS	comp=Z,18nm,1.4s		P	P				
SVW2	Sparrevohn	53.84 33	P	P		17 33 20.4 +1.1		
KZA	Kyzart	53.86 303	P	P		17 33 21.9 +1.6		
SII	Sitkinak Islan	54.12 39	P	I	Amb	I	Amb	17 33 22.1 +0.8
SII	comp=Z,45nm,1.4s		P	P				
CHMS	Chumysh	54.13 305	P	P		17 33 22.2 +0.5		
SGDS	Sogindy	54.17 305	iP	P		17 33 22.3 +0.2		
SGDS	comp=Z,4.7nm,0.5s,baz=305		P	P				
SGDS	Sogindy	54.17 305	iP	P		17 33 22.2 +0.2		
FRU1	Bishkek	54.23 304	P	P		17 33 23.1 +0.6		
FRU1	comp=Z,18nm,0.7s		P	P				
FRU1	Bishkek	54.23 304	P	I	Amb	I	Amb	17 33 23.1 +0.6
FRU1	comp=Z,18nm,0.7s		P	P				
USP	Ospenovka	54.28 305	P	P		17 33 23.2 +0.4		
AAK	Ala-Archa	54.35 304	P	P		17 33 23.9 +0.5		
AAK	Ala-Archa	54.35 304	eP	P		17 33 23.8 +0.3		
AAK	comp=Z,9.0nm,0.6s		P	P				
AAK	Ala-Archa	54.35 304	P	I	Amb	I	Amb	17 33 23.6 +0.2
AAK	comp=Z,12nm,0.6s		P	P				
UCHT	Uchtor	54.39 304	P	P		17 33 25.3 +1.2		
BTL	Baital	54.43 307	iP	P		17 33 24.1 +0.3		
BTL	comp=Z,7.6nm,0.3s,baz=307		P	P				
BTL	Baital	54.43 307	iP	P		17 33 24.0 +0.3		
BTL	comp=Z,8.0nm,0.3s		P	P				
OHAK	Old Harbor	54.65 38	P	P		17 33 25.4 +0.4		
EKS2	Erkin-Say	54.88 304	P	P		17 33 27.4 +0.3		
AML	Almayashu	55.00 304	P	P		17 33 29.3 +1.0		
BRZS	Berezniiki	55.02 313	iP	P		17 33 38.1 +1.0		
BRZS	comp=Z,14nm,0.8s,baz=313		P	P				
BRZS	Berezniiki	55.02 313	iP	P		17 33 38.0 +1.0		

KDAD	Kodiak Island	55.06 37	P	P		17 33 28.4 +0.5		
KDAD	comp=Z,5.7nm,0.4s,baz=174,slow=1.5,SNR=44		P	P				
KDAD	Kodiak Island	55.06 37	P	I	Amb	I	Amb	17 33 28.3 +0.4
KDAD	comp=Z,8.0nm,0.7s		P	P				
KDAD	Kodiak Island	55.06 37	P	P		17 34 21.0 -1.4		
RSO	Redoubt South	55.15 34	P	P		17 33 29.1 +0.3		
ARSB	Arslanbob	55.64 303	P	P		17 33 32.5 0.0		
ARSB	comp=Z,40nm,1.2s		P	P				
ARSB	Arslanbob	55.64 303	P	P		17 33 32.5 0.0		
PPLA	Purkypile	55.65 31	P	P		17 33 33.7 +1.5		
CNFM	China Poot	55.85 35	P	I	Amb	I	Amb	17 33 33.3 -0.2
CNFM	comp=Z,11nm,1.0s		P	P				
SKT	Skwentna	55.87 32	P	P		17 33 34.2 +0.6		
SKT	comp=Z,5.0nm,0.5s		P	P				
BRU	Bradley Lake	56.04 35	P	P		17 33 34.6 -0.2		
SUA	Susitna One	56.20 30	P	P		17 33 36.2 +0.0		
BPAW	Bear Paw Mtn.	56.31 30	P	I	Amb	I	Amb	17 33 37.8 +1.2
BPAW	comp=Z,4.6nm,0.4s		P	P				
BVAO	Borovoye	56.32 317	P	P		17 33 36.6 -0.2		
BRVK	Borovoye Array	56.39 317	eP	P		17 33 37.4 +0.1		
BRVK	comp=Z,27nm,1.0s		P	P				
BRVK	Borovoye	56.39 317	P	P		17 33 37.7 +0.5		
TRF	Thorofare Moun	56.56 30	P	P		17 33 38.0 +0.8		
DZA	Taraz	56.63 305	iP	P		17 33 39.5 +0.2		
DZA	comp=Z,30s		P	P				
DZA	Taraz	56.63 305	iP	P		17 33 39.4 +0.2		
SEW	Seward	56.77 34	P	P		17 33 40.7 +0.9		
NIL	Nilore	56.88 294	P	P		17 33 41.2 +0.2		
NIL	comp=Z,26nm,0.6s		P	P				
NIL	Nilore	56.88 294	P	P		17 33 41.2 +0.2		
COLD	Coldfoot	56.98 26	P	P		17 33 42.6 +1.4		
PMR	Palmer	56.98 33	P	P		17 33 41.4 +0.2		
PMR	Palmer	56.98 33	I	Amb	I	Amb	17 33 41.4 +0.2	
GHO	Glory Hole Cre	57.09 32	P	P		17 33 42.3 +0.3		
GHO	comp=Z,4.9nm,0.5s		P	P				
MCK	McKinley	57.19 30	P	P		17 33 43.2 +0.6		
MCK	comp=Z,11nm,0.9s		P	P				
MCK	McKinley	57.19 30	P	I	Amb	I	Amb	17 33 43.2 +0.6
MCK	comp=Z,11nm,0.9s		P	P				
KK31	Karatay Array	57.19 305	iP	P		17 33 43.0 0.0		
KK31	Karatay Array	57.19 305	iP	P		17 33 43.2 +0.2		
KKAR	Karatay Arra	57.19 305	P	P		17 33 43.2 +0.2		
KKAR	comp=Z,30nm,0.8s		P	P				
KKAR	Karatay Arra	57.19 305	P	P		17 33 43.2 +0.2		
RND	Reindeer	57.20 30	P	P		17 33 43.0 +0.2		
RND	comp=Z,8.0nm,0.6s		P	P				
RND	Reindeer	57.20 30	P	I	Amb	I	Amb	17 33 43.0 +0.2
RND	comp=Z,7.7nm,0.6s		P	P				
KNK	Knik Glacier	57.30 33	P	P		17 33 44.0 +0.6		
KNK	comp=Z,17nm,0.6s		P	P				
TOLK	Toolik Lake Re	57.40 24	P	P		17 33 44.9 +0.8		
BTk	Batken	57.47 302	P	P		17 33 44.6 -0.5		
BTk	comp=Z,8.0nm,0.6s		P	P				
BTk	Batken	57.47 302	P	I	Amb	I	Amb	17 33 44.6 -0.5
BTk	comp=Z,7.9nm,0.6s		P	P				
MDM	Murphy Dome	57.57 29	P	I	Amb	I	Amb	17 33 44.3 -0.9
MDM	comp=Z,4.1nm,0.4s		P	P				
WRH	Wood River Hill	57.60 29	P	P		17 33 45.7 +0.3		
IUG	Iuzhnyy	57.70 304	iP	P		17 33 47.4 +0.8		
IUG	comp=Z,3.5nm,0.7s,baz=304		P	P				
IUG	Iuzhnyy	57.70 304	iP	P		17 33 47.4 +0.8		
CCB	Clear Creek Bu	57.73 29	P	P		17 33 46.3 0.0		
CCB	comp=Z,3.0nm,0.7s		P	P				
SCM	Sheep Creek Mo	57.85 32	P	P		17 34 32.9 +0.1		
SCM	comp=Z,13nm,0.5s		P	P				
SCM	Sheep Creek Mo	57.85 32	P	I	Amb	I	Amb	17 33 47.8 +0.5
SCM	comp=Z,13nm,0.5s		P	P				
GLI	Glacier Island	57.95 33	P	P		17 33 48.4 +0.5		
GLI	comp=Z,16nm,0.6s		P	P				
CHM	Chimkent	57.98 304	iP	P		17 33 49.0 +0.5		
CHM	comp=Z,16nm,0.6s		P	P				
CHM	Chimkent	57.98 304	iP	P		17 33 48.9 +0.5		
GAR	Garm	58.05 301	P	P		17 33 48.7 -0.5		
HDA	Harding Lake	58.09 29	P	P		17 33 48.1 -0.7		
IL31	Il'inskiy	58.13 29	P	P		17 33 48.3 -0.6		
ILAR	Eielson Array	58.13 29	P	P		17 34 33.1 -1.3		
ILAR	comp=Z,1.1nm,0.3s,baz=248,slow=5.7,SNR=35		P	P				
HIN	Hinchinbrook I	58.25 34	P	P		17 33 50.5 +0.6		
HIN	comp=Z,13nm,0.6s		P	P				
FID	Port Fidalgo	58.26 34	P	I	Amb	I	Amb	17 33 50.5 +0.6
FID	comp=Z,9.8nm,1.0s		P	P				
PAX	Paxson	58.72 31	P	P		17 33 53.7 +0.5		
PAX	comp=Z,							

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Monte Foco - G, AVT- Monte Val, Monte Urbino, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barentsburg B, Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Malaya Ipe'l'ka, Apacha, Puzhetka, etc.

IDD 04 18:55:50.5±3.0, 20°55'S; 179°08'W, h630km, 35km, mb3.0/9, mb1 3.3/10, mb1mx3.1/22, mbtmp4.0/10, Error ellipse: s-maj=55.1km s-min=15.6km az=153.0

NEIC 04 18:55:50.1±1.4, 20°7'S; 0.2±179.05W±0.09, h625km, 8km, mb4.3/22, Error ellipse: s-maj=24.3km s-min=9.0km az=160.0

ISC 04 18:55:51.0±0.6, 20°6'S; 0.1±179.05W±0.09, h645km, n42, α1907/44, mb4.1/21, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Niue, DZM Mont Dzumac, etc.

IDD 04 19:21:24.1±6.0, 29°00'S; 178°42'W, h0km, mb3.2/2, mb1 3.4/2, mb1mx3.3/21, mbtmp3.2/2, Error ellipse: s-maj=32.2km s-min=8.0km az=165.0

ISC 04 19:21:54.1±1.4, 30°79'S; 0.09±178°1'W±0.2, h300km, n44, α156/50, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRZ Great Barrier, HAZ Te Kaha, KAKI Kakihiroa, etc.

IDD 04 19:23:51.2±69.0, 15°79'S; 166°91'E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.5/22, mbtmp3.8/3, Error ellipse: s-maj=1159.0km s-min=16.2km az=67.0

NEIC 04 19:24:05.0±2.2, 16°8'S; 0.3±165.8E±0.2, h19km, 8km, mb4.6/6, Error ellipse: s-maj=49.4km s-min=15.8km az=141.0

ISC 04 19:24:07.0±1.3, 16°4'S; 0.5±165.6E±0.3, h35km, n12, α185/12, mb4.3/7, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, STKA Stephens Creek, WR0 Warrungunga Arr, etc.

IDD 04 19:35:02.5±1.0, 6°21'S; 152°83'E, h0km, mb3.9/7, mb1 4.1/10, mb1mx3.8/31, mbtmp4.1/10, ML3.0/2, MS2.9/3, MS1 2.9/3, ms1mx2.6/37, Error ellipse: s-maj=26.7km s-min=17.2km az=108.0

NEIC 04 19:35:07.5±1.9, 6°17'S; 0.07±152°87'E±0.07, h29km, 6km, mb4.7/6, Error ellipse: s-maj=12.0km s-min=8.7km az=219.0

ISC 04 19:35:07.6±0.7, 6°18'S; 0.06±152°87'E±0.09, h33km, n21, α093/22, mb4.1/12, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Fitzroy Crossi, RABL Rabaul, etc.

IDD 04 19:52:47.5±3.1, 31°1'06'S; 177°48'W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/44, mbtmp3.5/2, Error ellipse: s-maj=66.8km s-min=30.4km az=107.0

NEIC 04 19:52:48.3±1.3, 31°1'S; 0.1±176°9'W±0.2, h33km, 7km, mb4.4/5, Error ellipse: s-maj=22.4km s-min=12.3km

IDD 04 18:44:19.9±1.1, 52°57'N; 155°74'E, h265km, 9km, mb3.0/8, mb1 3.2/8, mb1mx2.9/32, mbtmp3.6/8, Error ellipse: s-maj=28.8km s-min=23.0km az=167.0

KRSC 04 18:44:19.2±1.0, 52°21'N; 156°33'E, h271km, 8km, ML3.6

ISC 04 18:44:19.2±0.8, 52°28'N; 0.10±156°2E±0.1, h273km, 6km, n33, α157/40, mb3.3/8, Kamchatka Peninsula

4d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, NIUE Niue, DZM Mont Dzumac, etc.

JMA 04 19:56:44.9.0.3, 43.59N-147.36E, h22km, 5km, M3.5
SKHL 04 19:56:46.1.0.6, 43.80N-147.30E, h65km, 5km, mb4.9/3
MOS 04 19:56:46.7.1.7, 43.71N-147.39E, h74km, mb4.3/5, Error ellipse: s-maj=14.0km s-min=13.0km az=112.8

IDC 04 19:56:48.6.3.5, 45.37N-146.80E, h0km, mb3.7/5, mb1 3.7/7, mb1mx3.4/54, mbtmp3.6/7, ML3.0/1, MS3.1/1, Ms1 3.1/1, ms1mx2.3/46, Error ellipse: s-maj=89.8km s-min=22.0km az=153.0

ISC 04 19:56:44.0.1.6, 43.59N-147.36E, h0km, h53km, 12km, n50, 0.1950N, mb4.0/9, 2C-2D, Kuril Islands

Main table of station data for the 4d 20h period, including stations like YUK Yuzh-Kuril'sk, GRPR Tuman, NEM2 Nemuro, etc.

2014 JUL

Table with columns: ILAR, MKAR, KURK, KURK, KURB, ARU, ARU, FINES, FINES, FINES, FINES, KBZ, KBZ. Includes station names and coordinates.

VAO 04 19:59:38.0.0.7, 7.74S-78.17W, h10km, mb4.4
ARE 04 20:00:08.11.0.8, 9S-107.17W, h10km, mb4.4
Error ellipse: s-maj=0.0km s-min=0.0km az=107.0

NEIC 04 20:00:14.5.2.0, 9.06S-107.75W, h5km, 9km, mb4.5/12, ML4.6(ARE), Error ellipse: s-maj=10.9km s-min=6.0km az=209.0

IDC 04 20:00:15.9.1.7, 9.10S-75.64W, h64km, 17km, mb3.6/7, mb1 3.9/14, mb1mx3.8/33, mbtmp4.0/14, MS3.5/7, Ms1 3.5/7, ms1mx3.2/33, Error ellipse: s-maj=18.4km s-min=9.6km az=267.0

ISC 04 20:00:20.2.0.5, 9.18S-076.75E, h120km, n57, c281/43, mb4.1/10, Central Peru

Main table of station data for the 2014 JUL period, including stations like NNA Nana, ATAH Atahua, LPAZ La Paz, etc.

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Table with columns: BUKP, GSPH, GSPH, SKMP, SKMP, CCGP, PAGZ, PAGZ. Includes station names and coordinates.

IDC 04 20:20:38.1.8.0, 7.05S-152.13E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/26, mbtmp3.5/3, Error ellipse: s-maj=127.7km s-min=90.1km az=14.0, Kermadec region

Table with columns: WRA, ASAR, STKA. Includes station names and coordinates.

IDC 04 20:22:14.4.2.5, 28.59S-177.67W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/20, mbtmp3.5/3, Error ellipse: s-maj=61.0km s-min=20.4km az=92.0, Kermadec Islands region

Table with columns: RAO, RAO, ASAR, WRA, FINES, AKASO. Includes station names and coordinates.

JMA 04 20:29:14.9.0.1, 23.60N-121.45E, h36km, 2km, M3.3
TAP 04 20:29:16.1.23, 60N-121.44E, h35km, ML3.7, C
ISC 04 20:29:16.3.0.8, 23.60N-121.48E, h32km, 4km, n129, c087/245, 12C-12D, Taiwan

Main table of station data for the 212 period, including stations like EGFH, HGSD, EHY, ESH, ESL, YULB, TWF1, WVDT, WVDT, HWA, FULB, OWD, TWD, TWD, CHKT, CHKT, SSSLB, SSSLB, CHGB, CHGB, WHF, WHY, WHY, NACB, NACB, ELDTW, ELDTW, ELDTW, SMLT, SMLT, ETLH, ALS, ALS, TYS, TYS, TYC, TYC, DPDB, DPDB, TWT, TWT, TWT, TDCB, TDCB, TDCB, WJS, WJS, CHNS, CHNS, CHNS, WNT, WNT, WNT, STYT, STYT, STYT.

Table with columns: STYT, NNSH, WHP, TPUB, TPUB, NNS, NNS, WGG, WGG, CHN4, CHN4, ENA, ENA, TWG, TWG, TWG, TWG, TWG, TWG, WDLH, WDLH, WTP, WTP, TTN, TTN, TCU, TCU, CHN2, CHN2, CHN1, CHN1, CHN1, WCHH, WCHH, TWK, TWK, TWK, SGST, SGST, CHY, CHY, SLGT, SLGT, SNST, SNST, SNST, TWQ1, TWQ1, NDT, NDT, NSY, NSY, TWC, TWC, TWC, RLNB, RLNB, RLNB, WDJ, WDJ, WDJ, YHNB, YHNB, YHNB, NSK, NSK, NSK, WLGB, WLGB, WLGB, PTBS, PTBS, PTBS, ECL, ECL, ECL, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, NMLH, NMLH, NMLH, WTCT, WTCT, WTCT, TWE, TWE, TWE, CHN3, CHN3, CHN3, WSF, WSF, WSF, SSD, SSD, SSD, WMLT, WMLT, WMLT, NWLT, NWLT, NWLT, CHN8, CHN8, CHN8

Table with columns: CHN8, TWMT, TWMT, SCLT, MASBT, MASBT, SGLT, SGLT, WLTB, WLTB, SBCB, SBCB, SBCB, HSN, HSN, NTC, NTC, EGS, EGS, SNJT, SNJT, TAW, TAW, NHDH, NHDH, NHDH, TATO, TATO, TATO, TWA, TWA, TWA, NCUH, NCUH, NCUH, NCU, NCU, NCU, SSPT, SSPT, TIPB, TIPB, TAP, TAP, TAP, SCZT, SCZT, SCZT, TWB1, TWB1, TWB1, NWF, NWF, NWF, WFSB, WFSB, WFSB, TWS1, TWS1, TWS1, YM01, YM01, YM01, YM04, YM04, YM04, YM10, YM10, YM10, LAY, LAY, LAY, NTST, NTST, NTST, YM05, YM05, YM05, YM11, YM11, YM11, YM03, YM03, YM03, YM08, YM08, YM08, YJNG, YJNG, YJNG, WLCH, WLCH, WLCH, TWP, TWP, TWP, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, TWY, TWY, TWY, WDG, WDG, WDG, WDG, WDG, HEN, HEN, HEN, PHUB, PHUB, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, VCHM, VCHM, VCHM, PCYT, PCYT, PCYT, PCYT

Table with columns: HATJ, HATJ, IRIF, IRIF, IRIF, JKRS, JKRS, JKRS, JIU, JIU, JIU, JISG, JISG, JISG, JTJ, JTJ, JTJ, JIRB, JIRB, JIRB, JIKM, JIKM, JIMJ, JIMJ, JIMJ, JOGS, JOGS, JOGS, IDC 04 20:45:52.1, IDC 04 20:45:56.8, ISC 04 20:45:56.8, Code, Station Name, Az, Az, Phase ID, Time, Res, KRVT, KRVT, KRVT, RABL, RABL, RABL, PMG, PMG, PMG, PMG, PMG, WRO, WRO, WRO, WB0, WB0, WB0, WB2, WB2, WB2, WRA, WRA, WRA, ASAR, ASAR, ASAR, KNRA, KNRA, KNRA, STKA, STKA, STKA, STKA, STKA, STKA, FITZ, FITZ, FITZ, KLR, KLR, KLR, SONM, SONM, SONM, MKAR, MKAR, MKAR, ILAR, ILAR, ILAR, YBH, YBH, YBH, TORO, TORO, TORO, TUL 04 20:48:01.9, TUL 04 20:48:02.0, TUL 04 20:48:02.0, Code, Station Name, Az, Az, Phase ID, Time, Res, CROK, CROK, CROK, KAN10, KAN10, KAN10, KAN01, KAN01, KAN01, KAN13, KAN13, KAN13, KAN12, KAN12, KAN12, UO2A, UO2A, UO2A, BCOK, BCOK, BCOK, QUOK, QUOK, QUOK, ADOK, ADOK, ADOK, T35A, T35A, T35A, OK025, OK025, OK025, OKCFA, OKCFA, OKCFA, okcsw, okcsw, okcsw, FNO, FNO, FNO, W35A, W35A, W35A, JBTX, JBTX, JBTX, TUL1, TUL1, TUL1, TUL1, TUL1, TUL1, WMOK, WMOK, WMOK, WMOK, WMOK, WMOK, CBKS, CBKS, CBKS, KSU1, KSU1, KSU1, KSU1, KSU1, KSU1, U38A, U38A, U38A, H47A, H47A, H47A, H47A, H47A, H47A, AMTX, AMTX, AMTX, W39A, W39A, W39A, W39A, W39A, W39A, S39A, S39A, S39A, N33A, N33A, N33A, U40A, U40A, U40A, U40A, U40A, U40A, MIAR, MIAR, MIAR, Z39A, Z39A, Z39A, H47A, H47A, H47A, KSCA, KSCA, KSCA, N35A, N35A, N35A, P38A, P38A, P38A, MGMO, MGMO, MGMO, X40A, X40A, X40A, BGNE, BGNE, BGNE, WHTX, WHTX, WHTX, WHTX, WHTX, WHTX, FCAR, FCAR, FCAR, R40A, R40A, R40A

F63A	baz=98	27.91	303	P	P	21	14	33.7	-2.0
F63A	Nahmakanta, Br	27.91	303	P	P	21	14	33.5	-2.3
F63A	baz=100			IAMB	IAMB	21	14	44.2	
F63A	comp=Z,47nm,1.0s			IAMS_20	IAMS_20	21	23	37.6	
PKME	comp=Z,4um,22.0s	27.97	302	P	P	21	14	37.3	+1.1
PKME	Peaks-Kenny Pk	27.97	302	P	P	21	14	36.2	0.0
PKME	baz=99			IAMB	IAMB	21	14	59.4	
PKME	comp=Z,56nm,1.4s			IAMS_20	IAMS_20	21	23	25.1	
I64A	comp=Z,3um,21.0s	28.03	299	P	P	21	14	35.5	-1.2
I64A	Boothbay	28.03	299	P	P	21	14	36.1	-1.1
WVL	baz=96	28.13	300	P	P	21	14	36.1	-1.5
WVL	Waterville	28.13	300	P	P	21	15	00.5	
D62A	comp=Z,58nm,1.4s	28.16	306	P	P	21	14	36.7	-1.1
D62A	Allapoint, All	28.16	306	IAMB	IAMB	21	14	46.4	
D62A	baz=103			IAMS_20	IAMS_20	21	24	30.9	
D62A	comp=Z,31nm,1.0s			IAMS_20	IAMS_20	21	24	30.9	
E62A	comp=Z,3um,20.0s	28.38	305	P	P	21	14	38.8	-1.0
E62A	Clayton Lake	28.38	305	IAMB	IAMB	21	14	48.0	
E62A	baz=102			IAMB	IAMB	21	14	48.0	
E62A	Clayton Lake	28.38	305	IAMB	IAMB	21	14	48.0	
H63A	comp=Z,35nm,0.9s	28.41	300	P	P	21	14	40.0	-0.1
H63A	New Sharon	28.41	300	P	P	21	14	40.0	-0.1
F62A	baz=99	28.54	303	P	P	21	14	40.7	-0.7
F62A	Pittsford Farm,	28.54	303	P	P	21	14	40.7	-0.7
F62A	baz=100			IAMS_20	IAMS_20	21	14	40.8	-0.5
F62A	Pittsford Farm,	28.54	303	P	P	21	14	40.8	-0.5
I63A	comp=Z,3um,21.0s	28.72	299	P	P	21	14	42.0	-0.9
I63A	Otisfield	28.72	299	IAMB	IAMB	21	14	44.9	
G62A	comp=Z,60nm,1.4s	28.83	301	P	P	21	14	43.0	-0.9
G62A	West of Eustis	28.83	301	P	P	21	14	44.0	+0.1
G62A	West of Eustis	28.83	301	IAMB	IAMB	21	15	06.7	
H62A	comp=Z,96nm,1.6s	29.19	300	P	P	21	14	47.2	+0.1
H62A	Milan	29.19	300	P	P	21	14	47.2	+0.1
F61A	baz=96	29.26	303	P	P	21	14	47.1	-0.6
F61A	St Evariste	29.26	303	P	P	21	14	47.1	-0.6
HRV	comp=Z,183nm,1.9s	29.32	296	P	P	21	14	46.8	-1.5
HRV	Adam Dziewonski	29.32	296	P	P	21	14	46.8	-1.5
HRV	baz=99			pmax	pmax				
HRV	Adam Dziewonski	29.32	296	P	P	21	14	46.8	-1.5
D60A	comp=Z,183nm,1.9s	29.32	305	P	P	21	14	48.0	-0.7
D60A	Saint Jean D'O	29.32	305	P	P	21	14	48.0	-0.7
SCHO	comp=Z,4.6nm,0.8s,ba	29.61	322	P	P	21	14	49.3	-1.4
SCHO	Schefferville	29.61	322	P	P	21	14	49.3	-1.4
SCHO	baz=101			LR	LR	21	25	23.3	
SCHO	comp=Z,4um,21.3s,ba	29.61	322	P	P	21	14	49.4	-1.4
SCHO	Schefferville	29.61	322	P	P	21	14	49.4	-1.4
SCHO	baz=99			LR	LR	21	25	23.3	
SCHO	comp=Z,4um,21.3s,ba	29.61	322	P	P	21	14	49.4	-1.4
SCHO	Schefferville	29.61	322	P	P	21	14	49.4	-1.4
SCHO	baz=99			LR	LR	21	25	23.3	
H61A	comp=Z,96nm,1.6s	29.73	300	P	P	21	14	53.2	+1.3
H61A	Lyndonville	29.73	300	P	P	21	14	53.2	+1.3
ESK	comp=Z,105nm,1.6s	29.77	37	P	P	21	14	50.0	-2.1
ESK	Eskdalemuir	29.77	37	P	P	21	14	50.0	-2.1
ESK	baz=98			MLR	MLR				
ESK	comp=Z,5um,18.0s	29.77	37	P	P	21	14	50.0	-2.1
ESK	Eskdalemuir	29.77	37	IAMS_20	IAMS_20	21	23	36.1	
ESK	baz=98			IAMS_20	IAMS_20	21	23	36.1	
EKA	comp=Z,6.1nm,0.7s,ba	29.80	37	P	P	21	14	51.8	-0.5
EKA	Eskdalemuir Ar	29.80	37	P	P	21	14	51.8	-0.5
EKA	baz=98			LR	LR	21	23	38.9	
HNH	comp=Z,4um,19.9s,ba	29.92	298	P	P	21	14	52.0	-1.5
HNH	Hanover	29.92	298	IAMB	IAMB	21	14	56.0	
F60A	comp=Z,67nm,1.6s	29.92	303	P	P	21	14	54.0	+0.4
F60A	Warwick	29.92	303	P	P	21	14	54.0	+0.4
MOQ	comp=Z,28nm,1.3s	30.05	301	P	P	21	14	53.7	-1.1
MOQ	Mont Orford	30.05	301	P	P	21	14	53.7	-1.1
G60A	comp=Z,3um,19.0s	30.08	301	P	P	21	14	56.6	+1.7
G60A	Masonville	30.08	301	P	P	21	14	56.6	+1.7
J61A	comp=Z,48nm,1.1s	30.49	53	P	P	21	14	56.6	+1.5
J61A	Chester	30.49	53	P	P	21	14	56.6	+1.5
CLF	comp=Z,48nm,1.1s	30.54	56	P	P	21	15	02.5	+3.5
CLF	Chambon-Foret	30.54	56	IAMB	IAMB	21	15	07.5	
BGF	comp=Z,28nm,1.3s	30.63	358	P	P	21	24	29.2	
BGF	Bois d'Agland	30.63	358	pmax	pmax				
ANGG	comp=Z,3um,19.0s	30.66	298	P	P	21	15	00.2	+1.1
ANGG	Ammassalik, Gr	30.66	298	IAMS_20	IAMS_20	21	24	29.2	
I60A	comp=Z,44nm,1.6s	30.68	301	P	P	21	14	59.7	-0.5
I60A	Shoreham	30.68	301	P	P	21	14	59.7	-0.5
G59A	comp=Z,3um,19.0s	30.72	297	P	P	21	15	00.8	+0.2
G59A	Clarenceville	30.72	297	P	P	21	14	59.1	-1.5
J60A	comp=Z,44nm,1.6s	30.73	305	P	P	21	14	59.1	-1.5
J60A	Lant Hill Farm	30.73	305	P	P	21	14	59.1	-1.5
D58A	comp=Z,31nm,1.0s	30.80	295	P	P	21	15	00.5	-0.8
D58A	Chemin du LacG	30.80	295	P	P	21	15	00.5	-0.8
L61A	comp=Z,31nm,1.0s	30.84	11	P	P	21	15	00.4	-1.0
L61A	Hillsdale 1, H	30.84	11	P	P	21	15	00.4	-1.0
BORG	comp=Z,317nm,2.0s	30.84	11	P	P	21	15	03.2	+1.1
BORG	Borgarnes	30.84	11	P	P	21	15	03.2	+1.1
BORG	baz=98			P	P	21	15	02.3	0.0
BORG	comp=Z,317nm,2.0s	30.84	11	P	P	21	15	02.3	0.0
BORG	Borgarnes	30.84	11	P	P	21	15	02.3	0.0
E58A	comp=Z,44nm,1.6s	30.91	297	P	P	21	15	02.7	+0.1
E58A	La Victoria	30.91	297	P	P	21	15	02.7	+0.1
ACCN	comp=Z,4um,22.0s	30.94	300	P	P	21	15	05.3	
ACCN	Adirondack Com	30.94	300	IAMB	IAMB	21	15	05.3	
FRNY	comp=Z,44nm,1.6s	31.00	300	P	P	21	15	04.0	+0.9
FRNY	Flat Rock	31.00	300	P	P	21	15	04.0	+0.9
H59A	comp=Z,3um,19.0s	31.06	236	IAMS_20	IAMS_20	21	25	09.8	
H59A	Fort de France	31.06	236	IAMS_20	IAMS_20	21	25	09.8	
SSF	comp=Z,113nm,2.4s	31.06	55	eP	pmax	21	15	04.3	+0.7
SSF	Saint Saulge	31.06	55	eP	pmax	21	15	04.3	+0.7
BGGH	comp=Z,4um,22.0s	31.16	232	IAMS_20	IAMS_20	21	24	22.7	
BGGH	Gun Hill	31.16	232	IAMS_20	IAMS_20	21	24	22.7	
L60A	comp=Z,44nm,1.6s	31.29	295	P	P	21	15	04.5	-1.2
L60A	Shokan	31.29	295	P	P	21	15	04.5	-1.2
MAHO	comp=Z,3um,19.0s	31.31	69	iP	S	21	15	00.7	-5.2
MAHO	Mahon	31.31	69	iP	S	21	20	19.3	+6.6
H58A	comp=Z,3um,19.0s	31.33	299	P	P	21	15	05.7	-0.4
H58A	Gabriels	31.33	299	P	P	21	15	05.7	-0.4
D57A	comp=Z,3um,19.0s	31.40	304	P	P	21	15	06.4	-1.1
D57A	Chemin Vers le	31.40	304	P	P	21	15	06.4	-1.1
E57A	comp=Z,3um,19.0s	31.49	303	P	P	21	15	08.2	-0.3
E57A	Chemin Saint G	31.49	303	P	P	21	15	07.5	-1.2
L60A	comp=Z,3um,19.0s	31.61	293	P	P	21	15	07.5	-1.2
L60A	Port Jarvis	31.61	293	P	P	21	15	07.5	-1.2
M60A	comp=Z,3um,19.0s	31.61	293	P	P	21	15	07.5	-1.2
M60A	Lake Ozonia	31.61	293	P	P	21	15	07.5	-1.2
D56A	comp=Z,3um,19.0s	31.99	304	P	P	21	15	12.3	+0.2
D56A	ZEC Mazanza, M	31.99	304	P	P	21	15	12.3	+0.2
D56A	baz=97,SNR=9.4			IAMB	IAMB	21	15	15.2	
MTP	comp=Z,33nm,1.1s	32.00	246	P	P	21	15	12.0	-0.9
MTP	Monte Pirata	32.00	246	IAMB	IAMB	21	15	14.3	+0.5
E56A	comp=Z,33nm,1.1s	32.12	303	P	P	21	15	15.6	+2.0
E56A	St. Veronique	32.12	303	P	P	21	15	15.6	+2.0
HUMP	comp=Z,33nm,1.1s	32.23	310	P	P	21	15	13.0	-0.9
HUMP	Col San Antoni	32.23	310	P	P	21	15	13.0	-0.9
H57A	comp=Z,33nm,1.1s	32.23	299	P	P	21	15	13.9	0.0
H57A	Richville	32.23	299	P	P	21	15	13.9	0.0
CHGO	comp=Z,33nm,1.1s	32.23	310	P	P	21	15	13.9	0.0
CHGO	Chibougamau	32.23	310	P	P	21	15	13.9	0.0
SNF	comp=Z,33nm,1.1s	32.23	49	P	P	21	15	13.9	0.0
SNF	Seneffe	32.23	49	P	P	21	15	13.9	0.0
DOU	comp=Z,33nm,1.1s	32.35	50	iP	x	21	15	13.9	0.0
DOU	Dourbes	32.35	50	iP	x	21	15	13.9	0.0
DOU	baz=99			x	x	21	15	13.9	0.0
DOU	comp=Z,33nm,1.1s	32.35	49	P	P	21	15	13.9	0.0
DOU	Dourbes	32.35	49	P	P	21	15	13.9	0.0
UCC	comp=Z,32nm,1.1s	32.35	49	P	P	21	15	13.9	0.0
UCC	Uccle	32.35	49	IAMB	IAMB	21	15	13.9	0.0
UCC	baz=99			IAMB	IAMB	21	15	13.9	0.0
UCC	comp=Z,32nm,1.1s	32.35	49	P	P	21	15	13.9	0.0
UCC	Uccle	32.35	49	P	P	21	15	13.9	0.0
I57A	comp=Z,32nm,1.1s	32.37	298	P	P	21	15	16.9	+1.7
I57A	Cartage	32.37	298	P	P	21	15	16.9	+1.7
PDPF	comp=Z,32nm,1.1s	32.40	246	P	P	21	15	15.2	-0.4
PDPF	Patillas Dam,	32.40	246	P	P	21	15	15.2	-0.4
SJG	comp=Z,25nm,0.9s	32.44	247	P</					

4d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MUD, M52A, Y58A, etc.

2014 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, JSC, KONO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GOPC, N49A, NAO01, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Wyandotte Cave, Monte Alegre, Ostrava-Krasne, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UZH Halls, ITTB SLM, SLM Saint Louis, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like comp=Z,20nm,1.1s, comp=Z,21nm,1.2s, etc.

Table with columns: WRA, ASAR, ASAR, comp-Z, 0.6nm, 0.9s, baz=70, slow=2.8, SNR=2.3, PKPab, PKPab, 21 29 35.0 +0.5, 21 28 50.5 +0.1, 21 29 47.8 +0.7

IDC 04 21:09:01.0.2.1, 36.36N, 142.29E, h0km, mb3.7/5, mb1 3.7/9, mb1mx3.6/48, mbtmp3.7/9, ML3.3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/38, Error ellipse: s-maj=50.8km, s-min=21.8km az=67.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, CHOI, Chosi, 1.08 238 P, 21 09 25.1 0.0, 21 09 39.2 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, CHOI, Chosi, 1.08 238 P, 21 09 25.1 0.0, 21 09 39.2 +0.4, 21 09 25.2 +0.7, 21 09 29.9 +0.0, 21 09 25.7 +1.0, 21 09 27.5 +0.4, 21 09 27.2 +0.6, 21 09 30.4 +0.1, 21 09 37.0 +0.8, 21 09 41.0 +1.0, 21 09 42.2 +0.7, 21 10 08.6 +0.3, 21 09 52.6 +0.1, 21 10 26.8 -1.7, 21 11 06.8, 21 09 53.2 +0.7, 21 09 25.7 +1.0, 21 10 00.8 +0.6, 21 11 09 39.6 -1.1, 21 11 41.6 +0.4, 21 11 48.9 +3.0, 21 44 18.2, 21 44 11.0, 21 44 11.0, 21 45 03.6, 21 45 04.9, 21 45 04.9, 21 15 00.9 +0.8, 21 17 00.1 -1.0, 21 17 18.2 -0.2, 21 18 45.4 +0.3, 21 19 10.6 -0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, YOJ, Yonaguni jima, 0.56 218 P, 21 13 39.1 -0.4, 21 13 46.4 -0.8, 21 13 40.0 -0.3, 21 13 40.6 -0.4, 21 13 49.7 0.0, 21 13 43.3 -1.5, 21 13 54.9 -1.2, 21 13 44.4 -0.4, 21 13 56.3 +0.2, 21 13 44.8 -0.3, 21 13 56.4 -0.3, 21 13 45.4 -0.2, 21 13 57.1 -0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, NACB, Ninganchiao, 0.09 250 P, 21 14 27.1 +0.4, 21 14 29.6 +1.0, 21 14 27.6 +0.2, 21 14 28.6 -0.2, 21 14 32.2 0.0, 21 14 33.7 +0.1, 21 14 31.7 0.0, 21 14 37.3 0.0, 21 14 31.7 -0.1, 21 14 37.3 +0.1, 21 14 32.0 +0.4, 21 14 38.4 -0.1, 21 14 33.0 0.0, 21 14 39.8 +0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, NUBE, Las Nubes, 0.57 47 eP, 21 17 21.5 -0.4, 21 17 30.6 -1.0, 21 17 19.0 -0.1, 21 17 30.2 -0.3, 21 17 43.9, 21 17 22.9 -0.3, 21 17 24.2 +0.4, 21 17 22.2 +0.8, 21 17 22.9 +0.6, 21 17 34.4 -0.1, 21 17 23.6 0.0, 21 17 24.7 +0.3, 21 17 36.0 0.0, 21 17 25.6 0.0, 21 17 39.0 +0.2, 21 17 41.7 +0.7, 21 17 42.1 +0.7, 21 17 28.5 +0.1, 21 17 28.7 -0.3, 21 17 28.8 -0.3, 21 17 30.4 -0.2, 21 17 29.1 +0.1

Table with columns: LFRS, eS, Sn, 21 17 44.8 -0.2, IDC 04 21:43:05.5.0.7, 77S:123.59E, h267km, 29km, mb3.4/1, mb1 3.2/5, mb1mx2.9/32, mbtmp3.7/5, Error ellipse: s-maj=122.2km, s-min=53.8km az=83.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, BATI, Baunata, 2.42 178 P, 21 43 54.3 +1.0, 21 44 31.1 -0.1, 21 45 31.1 +1.5, 21 47 28.7 +1.6, 21 46 36.3 -0.3, 21 47 05.0 +0.9, 21 48 41.3 -2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, OCLP, Ormoc, 0.20 103 eP, 21 25 25.0 +0.7, 21 25 37.7 +0.2, 21 25 49.9 +0.7, 21 25 40.6 -0.1, 21 25 58.1 +1.2, 21 25 46.3 -0.9, 21 25 36.7 +0.8, 21 25 50.2 -0.7, 21 26 13.8 -0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, AHWZ, Ahwaz, 0.76 275 eP, 21 26 09.4 +0.9, 21 26 32.9 +1.8, 21 26 30.2, 21 26 30.6, 21 26 13.2 +0.4, 21 26 14.5 -2.7, 21 26 37.9, 21 26 21.5 +0.1, 21 26 50.0, 21 26 24.4 +1.3, 21 26 53.7, 21 26 23.6 0.0, 21 26 35.5 +0.8, 21 27 12.0, 21 27 36.3 +1.0, 21 26 32.7 +0.4, 21 27 18.5, 21 26 34.8 +2.1, 21 27 07.7 -0.4, 21 26 59.0 +0.8, 21 26 35.5 +0.8, 21 26 36.0 +1.3, 21 27 33.0, 21 26 36.3 +1.0, 21 26 36.8 +0.5, 21 26 38.4 +0.4, 21 26 41.4 +1.2, 21 26 46.3 +1.8, 21 26 48.0 -0.4, 21 26 48.4 +1.6, 21 26 48.4 +1.6, 21 26 48.3 +0.9, 21 27 56.5, 21 26 49.1 +1.1, 21 27 34.3 +0.7, 21 26 54.6 +0.7, 21 26 56.2 +0.9, 21 26 58.2 +0.4, 21 27 50.4, 21 26 59.0 +0.8, 21 26 58.6 -0.7, 21 27 04.2 0.0, 21 27 10.0 +1.1, 21 27 09.8 -0.5, 21 27 14.9 +1.2, 21 27 14.1 -0.1, 21 27 15.3 +0.8, 21 27 25.3 -0.1, 21 28 12.6 +1.0, 21 28 34.6 +0.2, 21 30 29.2 -1.1, 21 29 30.0 +0.4, 21 31 55.4 -0.6, 21 32 32.3 -1.4, 21 32 33.7 -0.6, 21 33 32.8 +1.6, 21 34 24.8 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, SHGR, comp-E, 2um, 0.7s, 21 26 30.6, SHGR, Shooshtar-Gavs, 1.04 324 eP, 21 26 24.4 +1.3, 21 26 37.9, 21 26 21.5 +0.1, 21 26 50.0, 21 26 24.4 +1.3, 21 26 53.7, 21 26 23.6 0.0, 21 26 35.5 +0.8, 21 27 12.0, 21 27 36.3 +1.0, 21 26 32.7 +0.4, 21 27 18.5, 21 26 34.8 +2.1, 21 27 07.7 -0.4, 21 26 59.0 +0.8, 21 26 35.5 +0.8, 21 26 36.0 +1.3, 21 27 33.0, 21 26 36.3 +1.0, 21 26 36.8 +0.5, 21 26 38.4 +0.4, 21 26 41.4 +1.2, 21 26 46.3 +1.8, 21 26 48.0 -0.4, 21 26 48.4 +1.6, 21 26 48.4 +1.6, 21 26 48.3 +0.9, 21 27 56.5, 21 26 49.1 +1.1, 21 27 34.3 +0.7, 21 26 54.6 +0.7, 21 26 56.2 +0.9, 21 26 58.2 +0.4, 21 27 50.4, 21 26 59.0 +0.8, 21 26 58.6 -0.7, 21 27 04.2 0.0, 21 27 10.0 +1.1, 21 27 09.8 -0.5, 21 27 14.9 +1.2, 21 27 14.1 -0.1, 21 27 15.3 +0.8, 21 27 25.3 -0.1, 21 28 12.6 +1.0, 21 28 34.6 +0.2, 21 30 29.2 -1.1, 21 29 30.0 +0.4, 21 31 55.4 -0.6, 21 32 32.3 -1.4, 21 32 33.7 -0.6, 21 33 32.8 +1.6, 21 34 24.8 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, SHGR, comp-E, 2um, 0.7s, 21 26 30.6, SHGR, Shooshtar-Gavs, 1.04 324 eP, 21 26 24.4 +1.3, 21 26 37.9, 21 26 21.5 +0.1, 21 26 50.0, 21 26 24.4 +1.3, 21 26 53.7, 21 26 23.6 0.0, 21 26 35.5 +0.8, 21 27 12.0, 21 27 36.3 +1.0, 21 26 32.7 +0.4, 21 27 18.5, 21 26 34.8 +2.1, 21 27 07.7 -0.4, 21 26 59.0 +0.8, 21 26 35.5 +0.8, 21 26 36.0 +1.3, 21 27 33.0, 21 26 36.3 +1.0, 21 26 36.8 +0.5, 21 26 38.4 +0.4, 21 26 41.4 +1.2, 21 26 46.3 +1.8, 21 26 48.0 -0.4, 21 26 48.4 +1.6, 21 26 48.4 +1.6, 21 26 48.3 +0.9, 21 27 56.5, 21 26 49.1 +1.1, 21 27 34.3 +0.7, 21 26 54.6 +0.7, 21 26 56.2 +0.9, 21 26 58.2 +0.4, 21 27 50.4, 21 26 59.0 +0.8, 21 26 58.6 -0.7, 21 27 04.2 0.0, 21 27 10.0 +1.1, 21 27 09.8 -0.5, 21 27 14.9 +1.2, 21 27 14.1 -0.1, 21 27 15.3 +0.8, 21 27 25.3 -0.1, 21 28 12.6 +1.0, 21 28 34.6 +0.2, 21 30 29.2 -1.1, 21 29 30.0 +0.4, 21 31 55.4 -0.6, 21 32 32.3 -1.4, 21 32 33.7 -0.6, 21 33 32.8 +1.6, 21 34 24.8 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, WSAR, Wadi Sarin, 1.17 132 P, 21 28 34.6 +0.2, 21 30 29.2 -1.1, 21 29 30.0 +0.4, 21 31 55.4 -0.6, 21 32 32.3 -1.4, 21 32 33.7 -0.6, 21 33 32.8 +1.6, 21 34 24.8 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, KLM 04 22:42:00.0, 39.35N, 142.10E, h0km, mb5.9, Hypocentre not reviewed by the IOC, KEA 04 22:42:00.7, 0.0, 100N, 142.70E, h49km, mb5.8/1, BGR 04 22:42:01.1, 0.0, 39.44N, 142.91E, h33km, mb6.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, BUJ 04 22:42:01.0, 39.55N, 142.07E, h48km, mb5.7/67, mb5.7/81, Ms5.4/94, Ms7.5/3/83, MOS 04 22:42:03.0, 0.8, 39.74N, 142.07E, h45km, mb6.3/75, MS5.1/45, Error ellipse: s-maj=5.9km s-min=4.2km az=99.8, NIED 04 22:42:04.6, 39.68N, 142.14E, h49km, Mw5.7, Moment Tensor Solution, s3 Moment tensor, Scale 10^17Nm, M2.31, M0.01, M0.232, M0.9, M0.38, M0.2/45, Fault plane solution: Ms3.51000x10^17 NP1.0x17.00000, 0.69.00000, 1.96.00000. NP2.0x181.00000, 0.82.00000, 1.74.00000, 1.2.39.68N, 142.00E, h48km, 11km, mb5.4/36, IDC 04 22:42:04.8, 1.2, 39.68N, 142.00E, h49km, 11km, mb5.4/36, mb1.5/61, mb1mx5.4/49, mbtmp5.6/41, ML4.2/6, MS5.0/34, Ms1.5/0/34, ms1mx4.9/38, Error ellipse: s-maj=11.0km s-min=7.5km az=99.0, JMA 04 22:42:04.6, 39.68N, 142.14E, h49km, Ms.9 Broadband fault plane solution: P waves, NP1.0x187.00000, 0.82.00000, 1.90.00000. NP2.0x170.00000, 0.87.00000, 1.90.00000. Principal axes: T Plg65.0000, Azm277.0000, N Plg0.0000, Azm7.0000, P Plg25.0000, Azm97.0000, NEIC 04 22:42:04.8, 39.69N, 142.03E, h43km, Moment Tensor Solution, Moment tensor, Scale 10^17Nm, Ms.1.3, M0.034, M0.279, M0.125, M0.05, Ms2.88, Fault plane solution: Ms4.32000x10^17 NP1.0x171.58000, 0.82.41000, 1.66.95000. NP2.0x16.45000, 0.88.56000, 1.99.62000. Principal axes: T 4.5608, Plg65.0000,

Azm303.0000: N -0.5282, Plg9.0000, Azm193.0000; P -4.0326, Plg23.0000, Azm99.0000; NEIC 04 22:42:05.1, 1.5, 39.65N, 142.08E, 0.05, h50km, 3km, mb5.7/706, Mb5.7/76, Mw5.7/7, Mw5.7(GCMT) Error ellipse: s-maj=6.7km s-min=5.4km az=177.0, NEIC 04 22:42:06.39, 67N, 142.03E, h70km, Moment Tensor Solution, Moment tensor, Scale 10^17Nm; Mr2.36; M0.028; M0.208; M0.205; M0.3; Ms2.36; Fault plane solution: Ms4.18000x10^17 NP1.0x182.00000, 0.82.00000, 1.26.00000. NP2.0x9.00000, 0.72.00000, 1.76.00000. Principal axes: T 4.1246, Plg1.0000, Azm25.0000: N 0.1016, Plg13.0000, Azm14.0000; P -4.2263, Plg26.0000, Azm110.0000; GCMT 04 22:42:07.1, 0.1, 39.73N, 142.01E, 0.01, h52km, Mw5.7/165, Moment Tensor Solution, s150.c303; s165.c358; Duration: 157 Moment tensor, Scale 10^17 Nm; Mr.233.04; M0.01-0.3; M0.3-2.1-0.3; M0.82-0.3; M0.065-0.3; M0.67-0.4; Best double couple: Ms4.31200x10^17 NP1.0x187.00000, 0.82.00000, 1.83.00000. NP2.0x15.00000, 0.65.00000, 1.93.00000. Principal axes: T 4.2660, Plg7.0000, Azm292.0000; N 0.1020, Plg3.0000, Azm194.0000; P -4.3590, Plg20.0000, Azm102.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NEIC 04 22:42:07.39, 70N, 142.27E, h58km, Moment Tensor Solution, Moment tensor, Scale 10^17Nm; Mr.19; M0.021; M0.3-4.0; M0.074; M0.087; Ms2.247; Fault plane solution: Ms4.28000x10^17 NP1.0x190.00000, 0.82.00000, 1.85.00000. NP2.0x15.00000, 0.64.00000, 1.92.00000. Principal axes: T 4.0629, Plg71.0000, Azm291.0000; N 0.4013, Plg2.0000, Azm194.0000; P -4.4642, Plg19.0000, Azm104.0000;

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, MIYJ, Miyakonagasawa, 0.21 226 P, 21 42 13.3 +0.9, 21 42 19.5 +1.4, 21 42 14.0 +1.5, 21 42 17.2 +1.3, 21 42 18.3 +2.2, 21 42 18.4 +1.8, 21 42 28.1 +2.7, 21 42 18.2 +1.3, 21 42 28.1 +2.3, 21 42 18.2 +0.2, 21 42 17.7 -0.1, 21 42 20.1 +1.3, 21 42 21.1 +1.9, 21 42 18.4 +1.8, 21 42 34.2 +3.5, 21 42 22.5 +0.6, 21 42 35.8 +1.1, 21 42 23.5 +0.2, 21 42 25.0 +1.3, 21 42 25.0 +1.3, 21 42 40.2 +1.1, 21 42 26.2 +2.0, 21 42 25.3 +0.6, 21 42 27.6 +1.7, 21 42 27.7 +0.1, 21 42 27.2 +0.1, 21 42 43.9 -0.1, 21 42 28.3 +1.2, 21 42 29.6 +1.0, 21 42 28.7 +1.0, 21 42 29.9 +1.2, 21 42 31.6 +2.7, 21 42 34.6 +1.5, 21 42 36.4 +1.0, 21 42 36.8 -0.1, 21 42 39.1 +1.5, 21 42 33.7 +0.4, 21 42 41.1 +1.5, 21 42 42.9 +2.2, 21 42 42.5 +0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, MIYJ, Miyakonagasawa, 0.21 226 P, 21 42 13.3 +0.9, 21 42 19.5 +1.4, 21 42 14.0 +1.5, 21 42 17.2 +1.3, 21 42 18.3 +2.2, 21 42 18.4 +1.8, 21 42 28.1 +2.7, 21 42 18.2 +1.3, 21 42 28.1 +2.3, 21 42 18.2 +0.2, 21 42 17.7 -0.1, 21 42 20.1 +1.3, 21 42 21.1 +1.9, 21 42 18.4 +1.8, 21 42 34.2 +3.5, 21 42 22.5 +0.6, 21 42 35.8 +1.1, 21 42 23.5 +0.2, 21 42 25.0 +1.3, 21 42 25.0 +1.3, 21 42 40.2 +1.1, 21 42 26.2 +2.0, 21 42 25.3 +0.6, 21 42 27.6 +1.7, 21 42 27.7 +0.1, 21 42 27.2 +0.1, 21 42 43.9 -0.1, 21 42 28.3 +1.2, 21 42 29.6 +1.0, 21 42 28.7 +1.0, 21 42 29.9 +1.2, 21 42 31.6 +2.7, 21 42 34.6 +1.5, 21 42 36.4 +1.0, 21 42 36.8 -0.1, 21 42 39.1 +1.5, 21 42 33.7 +0.4, 21 42 41.1 +1.5, 21 42 42.9 +2.2, 21 42 42.5 +0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, ERM, comp-Z, 2um, 0.7s, 2.45 20 P, 21 42 42.9 +1.1, 21 43 10.0 -0.4, 21 42 42.6 +0.8, 21 42 44.3 +1.7, 21 42 28.9 +1.7, 21 42 42.4 +1.1, 21 42 40.9 +1.7, 21 42 51.9 +1.9, 21 42 51.1 +0.9, 21 42 54.5 +2.2, 21 42 53.4 -0.3, 21 42 51.0 +1.8, 21 42 56.0 +1.3, 21 42 57.5 +2.7, 21 42 57.0 +1.9, 21 42 56.8 -0.3, 21 42 51.9 +1.9, 21 42 50.3 -0.6, 21 42 53.1 +1.8, 21 42 05.8 +2.6, 21 42 03.8 +3.3, 21 42 09.1 +1.9, 21 42 10.3 +2.0, 21 42 09.3 +1.0, 21 42 10.8 +2.5, 21 44 00.4 +2.4, 21 43 10.8 +2.5, 21 43 09.9 +1.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, ERM, Erimo, 2.45 20 P, 21 42 42.9 +1.1, 21 43 10.0 -0.4, 21 42 42.6 +0.8, 21 42 44.3 +1.7, 21 42 28.9 +1.7, 21 42 42.4 +1.1, 21 42 40.9 +1.7, 21 42 51.9 +1.9, 21 42 51.1 +0.9, 21 42 54.5 +2.2, 21 42 53.4 -0.3, 21 42 51.0 +1.8, 21 42 56.0 +1.3, 21 42 57.5 +2.7, 21 42 57.0 +1.9, 21 42 56.8 -0.3, 21 42 51.9 +1.9, 21 42 50.3 -0.6, 21 42 53.1 +1.8, 21 42 05.8 +2.6, 21 42 03.8 +3.3, 21 42 09.1 +1.9, 21 42 10.3 +2.0, 21 42 09.3 +1.0, 21 42 10.8 +2.5, 21 44 00.4 +2.4, 21 43 10.8 +2.5, 21 43 09.9 +1.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, MJB9, Matsushima Tunnel, 4.37 225 P, 21 43 08.2 -0.1, 21 43 10.5 +1.8, 21 43 10.2 +1.5, 21 43 57.9 -1.0, 21 43 57.9 -0.9, 21 43 09.8 +1.0, 21 43 10.1 +1.3, 21 43 11.2 +1.9, 21 44 06.0 +6.2, 21 43 09.8 +0.2, 21 43 13.4 +2.9, 21 43 09.7 -1.4, 21 43 57.6 -5.9, 21 43 12.9 +0.4, 21 43 14.2 +0.3, 21 43 17.6 +3.0, 21 43 17.7 +2.8, 21 43 18.9 +2.4, 21 43 20.9 +2.1, 21 43 19.2 +1.7, 21 43 17.3 -0.2, 21 43 21.7 +3.4, 21 43 17.4 -0.9, 21 44 11.2 -4.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC, MJB9, Matsushima Tunnel, 4.37 225 P, 21 43 08.2 -0.1, 21 43 10.5 +1.8, 21 43 10.2 +1.5, 21 43 57.9 -1.0, 21 43 57.9 -0.9, 21 43 09.8 +1.0, 21 43 10.1 +1.3, 21 43 11.2 +1.9, 21 44 06.0 +6.2, 21 43 09.8 +0.2, 21 43 13.4 +2.9, 21 43 09.7 -1.4, 21 43 57.6 -5.9, 21 43 12.9 +0.4, 21 43 14.2 +0.3, 21 43 17.6 +3.0, 21 43 17.7 +2.8, 21 43 18.9 +2.4, 21 43 20.9 +2.1, 21 43 19.2 +1.7, 21 43 17.3 -0.2, 21 43 21.7 +3.4, 21 43 17.4 -0.9, 21 44 11.2 -4.7

4d 22h

2014 JUL

Table with columns for city/country codes (e.g., YUK, JPN, CHN), names, and numerical data points. Includes cities like Yuzh-Kuril'sk, Ajiro2, Fujinaka, etc.

Table with columns for city/country codes (e.g., INCN, PYS, JCY), names, and numerical data points. Includes cities like Incheon, Chongjima, Chichijima, etc.

Table with columns for city/country codes (e.g., MA2, YOJ, YOY), names, and numerical data points. Includes cities like Magadan, Yonaguni jima, Taipei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMSA Cobar Meteorol, AS31 Alice Springs, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISLE Juniper Island, GSPA South Pole Gl, BALM Baldy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ Matusushiro Arr, BBOO Buckleboe, TOO Toolangi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kodiak Island, China Post, Wood River Hill, etc.

IDC 05 00:10:18.6:1.4, 6.39S:153.05E, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.9/40, mbmp4.0/9, ML3.1/2, Error ellipse: s-maj=42.7km s-min=19.1km az=112.0

NEIC 05 00:10:19.9:2.8, 6.36S:0.07:153.08E:0.05, h10km, 1km, mb4.6/6, Error ellipse: s-maj=12.4km s-min=7.9km az=156.0

ISC 05 00:10:22.8:0.7, 6.34S:0.06:152.97E:0.09, h31km, n23, a1559/23, mb4.1/10, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Rabaul, Port Moresby, etc.

NAO 05 00:19:06.7:2.4, 67.66N:34.73E, ML2.8
HEL 05 00:19:12.5:0.1, 67.75N:33.61E, h0km, ML1.6, Explosion
ISC 05 00:19:11.3:1.3, 1.6771N:105.3399E:0.06, h0km, n21, a1956/28, Baltic States-Belarus-Northwestern Russia

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

IDC 05 00:20:50.1:2.9, 6.26S:127.3E, h448km, 34km, mb3.1/3,

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

IDC 05 00:24:33.3:1.3, 4.39S:150.17E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.4/35, mbmp3.5/4, ML1.6/1, Error ellipse: s-maj=41.5km s-min=20.0km az=152.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Rabaul, Port Moresby, etc.

IDC 05 00:32:57.1:3.8, 6.89S:154.50E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/45, mbmp3.7/4, ML3.7/1, Error ellipse: s-maj=84.9km s-min=35.0km az=98.0

NEIC 05 00:32:58.1:1.8, 7.14S:0.05:154.60E:0.09, h35km, 2km, mb4.2/4, Error ellipse: s-maj=15.9km s-min=8.1km az=73.0

ISC 05 00:32:58.8:1.0, 7.25S:0.1:154.6E:0.1, h39km, n11, a298/11, mb3.7/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Rabaul, Port Moresby, etc.

NEIC 05 00:36:01.2:2.7, 7.65S:0.1:155.43E:0.08, h10km, 1km, mb4.7/15, Error ellipse: s-maj=18.5km s-min=11.7km az=29.0

IDC 05 00:36:04.9:1.2, 6.90S:154.76E, h0km, mb3.9/6, mb1 4.2/7, mb1mx3.8/41, mbmp3.9/7, ML3.8/1, MS3.3/6, Ms1 3.2/6, ms1mx3.0/32, Error ellipse: s-maj=34.2km s-min=26.9km az=129.0

ISC 05 00:36:07.1:3.0, 7.54S:0.09:155.48E:0.08, h10km, n36, a1872/26, mb4.5/15, MS3.2/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Keravat (AS076), Port Moresby, etc.

IDC 05 00:36:09.1:1.8, 6.31S:152.89E, h0km, mb4.6/17, mb1 4.7/19, mb1mx4.6/33, mbmp4.6/19, ML3.5/2, MS3.4/1, Ms1 3.4/1, ms1mx2.8/25, Error ellipse: s-maj=21.6km s-min=13.5km az=214.0

BJJ 05 01:16:53.7:0.0, 5.93S:153.26E, h32km, mb5.0/20, mb4.9/28, MS4.6/1, Ms7.4/1

NEIC 05 01:16:54.8:1.8, 6.24S:0.07:152.8E:0.1, h24km, 3km, mb4.8/73, Error ellipse: s-maj=16.7km s-min=10.6km az=100.0

DJA 05 01:16:55.2:0.7, 6.5S:15.3E, h28km, 4km, M4.9/13, mb4.6/13, mb5.4/3, MLV5.0/1, Mw(mB)4.0/3

ISC 05 01:16:55.3:0.4, 6.25S:0.05:152.84E:0.08, h35km, n115, a098/101, mb4.8/47, 1C-1D, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Rabaul, Port Moresby, etc.

IDC 05 01:16:55.3:0.4, 6.25S:0.05:152.84E:0.08, h35km, n115, a098/101, mb4.8/47, 1C-1D, New Britain region

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

NIED 05 01:02:13.0:38.34N:144.14E, h34km, MW3.8, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm; Mn-3.64; Mm-0.30; Mm3.34; Mn-0.99; Mm0.16; Mm4.65; Fault plane solution: Ms:8.90000+0.14 NP1: 0s171.00000, 0.872.00000, -0.96.00000, NP2:0s11.00000, 0.819.00000, -0.71.00000

JMA 05 01:01:23.6:0.2, 38.30N:144.15E, h40km, M3.9, Off east coast of Honshu

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

IDC 05 01:16:29.6:1.8, 6.32S:153.16E, h0km, mb3.5/5, mb1 3.8/7, mb1mx3.7/33, mbmp3.6/7, ML2.2/1, Error ellipse: s-maj=50.5km s-min=24.1km az=114.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Port Moresby, Warramunga Arr, etc.

IDC 05 01:16:50.5:0.6, 6.31S:152.89E, h0km, mb4.6/17, mb1 4.7/19, mb1mx4.6/33, mbmp4.6/19, ML3.5/2, MS3.4/1, Ms1 3.4/1, ms1mx2.8/25, Error ellipse: s-maj=21.6km s-min=13.5km az=214.0

BJJ 05 01:16:53.7:0.0, 5.93S:153.26E, h32km, mb5.0/20, mb4.9/28, MS4.6/1, Ms7.4/1

NEIC 05 01:16:54.8:1.8, 6.24S:0.07:152.8E:0.1, h24km, 3km, mb4.8/73, Error ellipse: s-maj=16.7km s-min=10.6km az=100.0

DJA 05 01:16:55.2:0.7, 6.5S:15.3E, h28km, 4km, M4.9/13, mb4.6/13, mb5.4/3, MLV5.0/1, Mw(mB)4.0/3

ISC 05 01:16:55.3:0.4, 6.25S:0.05:152.84E:0.08, h35km, n115, a098/101, mb4.8/47, 1C-1D, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Rabaul, Port Moresby, etc.

IDC 05 01:16:55.3:0.4, 6.25S:0.05:152.84E:0.08, h35km, n115, a098/101, mb4.8/47, 1C-1D, New Britain region

Table with columns: Station Name, Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like LZH Lanzhou, HIA Halilar, SHL Shilong, etc.

NEIC 05:01:18:08.8, 1.9, 30.41S, 0.07:177.9W, 0.1, h10km, 1km, mb5.071, Error ellipse: s-maj=18.0km s-min=11.3km az=104.0

ISC 05:01:18:14.0, 0.3, 30.62S, 0.04:177.82W, 0.06, h46km, n148, e234/372, mb5.0/50, MS4.5/31, 1-C-3D, Kermadec

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like PPT2, PPT2 Papeete, PPT Papeete, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like TPUB, JUNU, HO3S2, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like DANN, WMQ, WMO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ANTO, BSD, MDUB, etc.

IDC 05:01:30:13:1.4.3,30:55S>177:76W,h0km,mb3.5/2, mb1 3.7/2,mb1mk3.5/30,mbtm3.5/2, Error ellipse: p-m=196.9km s-min=35.3km az=119.0, Kermadec Islands

PRED	comp=Z,8.3nm,0.7s	I Amb	I Amb	03 18 60.0
MURB	Monte Urbino 37.14 305 P	P	P	03 18 59.6 0.0
GOPC	GO Peeny, Ondr 37.31 316 eP	P	P	03 19 02.3 +1.4
GOPC	GO Peeny, Ondr 37.31 316 eP	P	P	03 19 02.3 +1.4
KBA	Koelnbreinsper 37.38 311 i/P	P	P	03 19 01.9 +0.3
KBA	Koelnbreinsper 37.38 311 P	P	P	03 19 02.8 +1.1
PRU	comp=Z,24nm,0.7s	Pmax	Pmax	
PRU	Pruhonice 37.49 316 eP	AMS	AMS	03 19 02.4 +0.1
PRU	Pruhonice 37.49 316 eP	AMS	AMS	03 42 00.0
PRU	comp=Z,110nm,18.8s	MLR	MLR	03 19 02.4 +0.1
ZOU	Zoufplan 37.49 311 P	P	P	03 19 02.5 -0.2
ZOU	Zoufplan 37.49 311 P	P	P	03 19 03.0 +0.3
STAL	STALIGIAL 37.60 310 P	P	P	03 19 02.3 -1.1
GECC	GERESS Array S 37.64 314 eP	P	P	03 19 03.8 -1.4
GECC	comp=Z,19nm,1.1s,baz=108,slow=8.4	eL	L	03 40 09.4
GECC	comp=Z,66nm,20.7s	I Amb	I Amb	03 19 03.4 -0.4
GECC	GERESS Array S 37.64 314 P	I Amb	I Amb	03 19 04.5
GERES	GERESS Array B 37.64 314 P	P	P	03 19 03.7 -0.1
PVCC	Panska Ves 37.66 317 AMS	AMS	AMS	03 37 20.0
PVCC	comp=Z,100nm,17.0s	Pmax	Pmax	
PBCC	Pribram 37.72 316 eP	P	P	03 19 04.4 +0.1
KHC	Kasperske Hory 37.80 315 eP	AMS	AMS	03 19 05.2 +0.1
KHC	Kasperske Hory 37.80 315 eP	AMS	AMS	03 40 50.0
KHC	comp=Z,100nm,17.3s	MLR	MLR	03 19 05.2 +0.1
ABTA	Abfaltersbach 37.84 311 i/P	P	P	03 19 05.7 +0.2
RJOB	Jochberg 37.91 312 eP	P	P	03 19 04.9 -1.1
BRG	Bergjesshubel 38.15 318 eP	P	P	03 19 08.0 0.0
BRG	Bergjesshubel 38.15 318 eP	Pmax	Pmax	03 19 08.0 0.0
BRG	comp=Z,7.0nm,0.9s	Pmax	Pmax	
BRG	Bergjesshubel 38.15 318 eP	P	P	03 19 07.9 0.0
WET	Wetzell 38.25 315 P	P	P	03 19 09.1 +0.3
WET	Wetzell 38.25 315 P	Pmax	Pmax	03 19 08.5 -0.3
WET	comp=Z,14nm,0.7s,baz=108,slow=8.4	eL	L	03 32 52.9
CTI	Castel Tesino 38.27 309 P	Pmax	Pmax	03 32 58.9 -0.6
CTI	Castel Tesino 38.27 309 P	I Amb	I Amb	03 19 08.6 -0.6
CTI	comp=Z,12nm,0.8s	I Amb	I Amb	03 19 10.4
FIAT	FINES Array S 38.28 338 P	P	P	03 19 09.1 +0.2
FINES	FINES Array B 38.28 338 P	P	P	03 19 08.7 -0.2
GTA	Gaotai 38.41 61 P	P	P	03 19 11.7 +1.3
GTA	comp=Z,12nm,1.0s	Pmax	Pmax	03 19 15.2 -0.1
GTA	comp=Z,39nm,4.3s	Pmax	Pmax	03 19 17.8 +3.9
GTA	comp=Z,250nm,15.7s	LR	LR	
GTA	comp=Z,110nm,13.6s	LR	LR	
ZCCA	Zocca 38.42 307 P	P	P	03 19 09.8 -0.6
WTTA	Wattenberg 38.55 311 i/P	P	P	03 19 11.3 -0.3
WTTA	comp=Z,25nm,0.5s,SNR=13	P	P	
WTTA	Wattenberg 38.55 311 i/P	P	P	03 19 11.9 +0.3
WATA	Walderberg 38.61 311 i/P	P	P	03 19 11.5 -0.6
VLC	Villacollemand 38.81 306 P	P	P	03 19 13.7 +0.1
SQTA	Sankt Quirin 38.82 311 i/P	P	P	03 19 13.3 -0.5
NKC	Novy Kostel 38.84 316 eP	P	P	03 19 14.2 +0.4
NKC	Novy Kostel 38.84 316 eP	P	P	03 19 14.2 +0.4
ROTZ	Rotzenmuehle 38.85 315 eP	P	P	03 19 14.1 +0.3
COLL	Collm 38.86 318 i/P	P	P	03 19 13.9 0.0
COLL	comp=Z,13nm,0.9s	i/P	P	03 19 16.9 -0.5
COLL	Collm 38.86 318 i/P	P	P	03 19 13.9 0.0
COLL	comp=Z,13nm,0.9s	i/P	P	03 19 16.9 -0.5
COLL	Collm 38.86 318 eP	P	P	03 19 14.1 +0.2
COLL	comp=Z,13nm,0.9s,baz=108,slow=8.4	eL	L	03 34 24.1
COLL	comp=Z,90nm,21.6s	I Amb	I Amb	03 19 12.7 -1.1
COLL	Collm 38.86 318 P	I Amb	I Amb	03 19 15.0
MOTA	Mocosal 38.92 311 i/P	P	P	03 19 13.8 -0.9
PRMA	PARMA 38.95 307 P	P	P	03 19 15.1 +0.3
SALO	Salo 38.96 308 P	P	P	03 19 14.2 -0.7
FUR	Furstenfeldbru 39.00 313 P	Pmax	Pmax	03 19 16.1 +0.9
FUR	comp=Z,38nm,0.9s	P	P	03 19 14.9 -0.3
FUR	Furstenfeldbru 39.00 313 eP	L	L	03 37 34.8
FUR	comp=Z,33nm,0.8s,baz=108,slow=8.4	eL	L	
FETA	Feichten 39.10 311 P	P	P	03 19 15.9 -0.2
KEST	Kesra 39.15 293 P	P	P	03 19 17.9 +1.2
KEST	comp=Z,6.2nm,0.7s,baz=110,slow=3.6,SNR=9.2	LR	LR	03 39 32.1
RETA	Reutte 39.18 311 i/P	P	P	03 19 15.9 -0.8
SUF	Sumiainen 39.20 339 P	Pmax	Pmax	03 19 20.6 +4.1
SUF	comp=Z,10.0nm,0.9s	Pmax	Pmax	
BSD	Bornholm Skovb 39.29 324 i/P	P	P	03 19 16.2 -1.2
BSD	Bornholm Skovb 39.29 324 i/P	Pmax	Pmax	03 19 16.2 -1.2
BSD	comp=Z,25nm,0.6s	P	P	03 19 17.9 -0.3
FUORN	Ofenpass-Fuorn 39.33 310 P	I Amb	I Amb	03 19 21.2
FUORN	comp=Z,7.9nm,0.7s	P	P	03 19 20.6 +1.5
MOX	Moxa 39.48 316 P	Pmax	Pmax	03 36 23.4
MOX	comp=Z,6.0nm,0.9s	eL	L	
MOX	Moxa 39.48 316 eL	P	P	03 19 19.9 +0.3
NEUB	Neuenburg 39.55 317 eP	P	P	03 19 19.6 -0.8
PGF	Pioggiola 39.61 303 eP	Pmax	Pmax	03 19 19.6 -0.8
UBR	Ueberherrn 39.65 312 eP	P	P	03 19 20.2 -0.5
DAVA	Daruelf 39.72 311 i/P	P	P	03 19 20.8 -0.5
RGN	Rugen 39.89 323 P	P	P	03 19 22.0 -0.4
TUE	Stuetta 39.92 310 I Amb	I Amb	I Amb	03 19 29.2
STU	Stuttgart 40.49 313 P	Pmax	Pmax	03 19 25.9 -1.6
STU	Stuttgart 40.49 313 P	I Amb	I Amb	03 19 25.9 -1.6
STU	comp=Z,16nm,1.4s	I Amb	I Amb	03 19 29.8
CLZ	Clausthal 40.58 318 P	P	P	03 19 29.2 +0.9
SLE	Schleitheim 40.74 311 P	Pmax	Pmax	03 19 29.8 +0.2
SLE	comp=Z,24nm,0.8s	Pmax	Pmax	
BFO	Black Forest 40.96 312 P	P	P	03 19 31.6 +0.2
BFO	comp=Z,4.0nm,0.7s	Pmax	Pmax	

BFO	Black Forest 40.96 312 eL	L	L	03 38 12.3
BFO	comp=Z,103nm,20.7s	P	P	03 19 31.6 +0.2
OUL	Oulu 41.05 342 P	Pmax	Pmax	03 19 33.5 +1.7
OUL	comp=Z,9.0nm,0.6s	Pmax	Pmax	
CHTO	Chiang Mai 41.14 93 P	Pmax	Pmax	03 19 34.0 +0.7
CHTO	Chiang Mai 41.14 93 P	P	P	03 19 34.0 +0.7
CMAR	Chiang Mai Arr 41.27 94 P	P	P	03 19 36.1 +1.7
CMAR	comp=Z,0.9nm,0.8s,baz=33,slow=8.2,SNR=2.1	P	P	
CMAR	comp=Z,1.0nm,0.5s,baz=290,slow=5.0,SNR=4.7	P	P	03 40 04.7
BSEG	Bad Segeberg 41.29 321 eL	L	L	03 40 02.4
SENIN	Lac Senin/Sane 41.30 309 I Amb	I Amb	I Amb	03 19 35.5
TNS	Tausnus Mts 41.31 315 eP	P	P	03 19 34.8 +0.5
TNS	comp=Z,18nm,1.1s,baz=108,slow=8.4	eL	L	03 40 38.0
TNS	comp=Z,69nm,20.8s	P	P	03 19 34.6 -0.2
LVZ	Lovozero 41.40 348 P	Pmax	Pmax	03 19 34.6 -0.2
LVZ	comp=Z,26nm,1.4s	I Amb	I Amb	03 19 34.6 -0.2
LVZ	Lovozero 41.40 348 P	I Amb	I Amb	03 19 48.5
BNI	Bardonecchia 41.55 307 P	Pmax	Pmax	03 19 35.8 -0.7
BNI	comp=Z,26nm,1.4s	P	P	
BNI	Bardonecchia 41.55 307 P	I Amb	I Amb	03 19 35.8 -0.7
BNI	comp=Z,17nm,0.9s	I Amb	I Amb	03 19 36.8
LPG	La Plagne 41.56 308 eP	Pmax	Pmax	03 19 35.5 -1.2
LPG	comp=Z,18nm,0.6s	Pmax	Pmax	
LPL	La Plagne 41.57 308 eP	Pmax	Pmax	03 19 35.5 -1.2
LPL	comp=Z,18nm,0.7s	P	P	03 19 38.0 +0.7
LZH	Lanzhou 41.63 67 eP	P	P	03 19 40.9 +0.1
LZH	comp=Z,20nm,1.2s	P	P	03 19 44.2 +2.0
LZH	comp=Z,110nm,4.3s	Pmax	Pmax	03 21 12.6 -0.8
LZH	comp=Z,230nm,15.2s	LR	LR	
LZH	comp=Z,200nm,13.0s	LR	LR	
LZH	comp=Z,170nm,15.2s	LR	LR	
ECH	Echery 41.70 312 I Amb	I Amb	I Amb	03 19 37.6
IBBN	Ibbenburen 42.26 318 eP	P	P	03 19 42.8 +0.8
BUG	Bochum-Union 42.33 317 eP	P	P	03 19 43.6 +1.0
KMI	Kunming 42.50 83 P	Pmax	Pmax	03 19 44.5 0.0
KMI	comp=Z,10.0nm,0.5s	Pmax	Pmax	
KMI	Kunming 42.50 83 P	I Amb	I Amb	03 19 44.5 0.0
WLF	Walferdange 42.63 314 P	P	P	03 19 44.6 -0.4
WLF	comp=Z,9.8nm,0.5s	P	P	
WLF	Walferdange 42.63 314 P	Pmax	Pmax	03 19 44.7 -0.4
WLF	comp=Z,18nm,0.9s	P	P	03 19 44.9 -0.2
WLF	Walferdange 42.63 314 eP	I Amb	I Amb	03 19 44.7 -0.4
WLF	Walferdange 42.63 314 P	I Amb	I Amb	03 19 46.2
MUD	Monsted Ugrnd 42.80 324 i/P	P	P	03 19 46.2 -0.1
MUD	comp=Z,15nm,0.7s	P	P	
MUD	Monsted Ugrnd 42.80 324 i/P	Pmax	Pmax	03 19 46.2 -0.1
MEM	Membach 42.92 315 P	P	P	03 19 48.7 +1.4
SSB	Saint Sauveur 43.08 307 P	Pmax	Pmax	03 19 47.2 -1.6
SSB	comp=Z,14nm,0.8s	Pmax	Pmax	
SSB	Saint Sauveur 43.08 307 P	I Amb	I Amb	03 19 47.2 -1.6
SSB	comp=Z,11nm,1.0s	I Amb	I Amb	03 19 48.4
BSTI	Sart Tilman 43.19 315 P	P	P	03 19 50.3 +0.8
BCLA	Clavier 43.32 315 P	P	P	03 19 51.5 +0.9
BGES	Gesves 43.45 315 P	P	P	03 19 52.5 +0.9
OSL	Oslo 43.47 329 eP	P	P	03 19 51.8 +0.2
NC602	NORSAR Array S 43.47 331 P	I Amb	I Amb	03 19 51.5 -0.1
NC602	comp=Z,25nm,1.1s	I Amb	I Amb	03 19 52.0
NC602	NORSAR Array S 43.47 331 eP	P	P	03 19 50.8 -0.9
NORES	NORESS Array B 43.47 331 P	Pmax	Pmax	03 19 52.9 +1.2
NORES	comp=Z,3.0nm,0.4s	Pmax	Pmax	
NC405	NORSAR Array S 43.58 331 P	P	P	03 19 51.9 -0.7
DOU	Dourbes 43.70 314 P	P	P	03 19 54.5 +0.7
DOU	comp=Z,21nm,1.0s	P	P	
DOU	Dourbes 43.70 314 P	Pmax	Pmax	03 19 55.8 +2.1
NB201	NORSAR Array S 43.73 331 P	P	P	03 19 52.1 -1.7
NB2	NORSAR Subarra 43.76 331 P	P	P	03 19 53.6 -0.5
NB2	comp=Z,4.5nm,0.6s,baz=116,slow=7.9	P	P	
NB2	NORSAR Subarra 43.76 331 P	P	P	03 19 53.6 -0.5
NOA	NORSAR Array B 43.76 331 P	P	P	03 19 53.4 -0.7
NOA	comp=Z,5.7nm,0.6s,baz=117,slow=8.0,SNR=51	LR	LR	03 40 44.9
LOR	Lormes 43.76 310 eP	P	P	03 19 52.3 -2.0
LOR	comp=Z,45nm,18.5s,baz=125,slow=10.0	LR	LR	
NC303	NORSAR Array S 43.78 331 P	P	P	03 19 54.8 +0.7
PBK7	Saeco Pong 43.78 95 P	P	P	03 19 54.1 -0.7
NAO01	NORSAR Array S 43.81 330 I Amb	I Amb	I Amb	03 19 54.2 -0.2
NAO01	comp=Z,17nm,0.8s	I Amb	I Amb	03 19 54.6
HOMB	Homborsund 43.82 326 eP	P	P	03 19 54.6 +0.2
KONO	Kongsberg 43.85 329 P	Pmax	Pmax	03 19 53.5 -1.3
KONO	comp=Z,10.0nm,0.8s	P	P	03 19 53.5 -1.3
KONO	Kongsberg 43.85 329 P	I Amb	I Amb	03 19 55.2
KONO	comp=Z,9.9nm,0.8s	P	P	03 19 54.7 -0.1
SONM	Songino Array 43.93 49 P	P	P	03 19 56.0 +0.2
SONM	comp=Z,2.2nm,1.0s,baz=246,slow=8.5,SNR=8.8	LR	LR	03 38 59.1
SONM	comp=Z,228nm,18.4s,baz=182,slow=37	LR	LR	
SONM	Songino Array 43.93 49 P	P	P	03 19 56.0 +0.2
SONM	Songino Array 43.93 49 P	P	P	03 19 56.0 +0.2
NB000	NORSAR Array S 43.94 331 P	P	P	03 19 54.4 -1.1
NB000	comp=Z,2.2nm,1.0s,baz=246,slow=8.5,SNR=8.8	P	P	
NB000	NORSAR Array S 43.94 331 P	P	P	03 19 55.3 -0.2
SNF	Senfe 43.98 315 P	P	P	03 19 57.0 +1.2
SNF	comp=Z,50nm,0.8s	P	P	
UCC	Uccle 43.98 315 P	Pmax	Pmax	03 19 55.6 -0.3
UCC	comp=Z,14nm,0.6s	Pmax	Pmax	
UCC	Uccle 43.98 315 P	P	P	03 19 55.6 -0.3
AVF	Avril sur Loir 44.05 309 eP	Pmax	Pmax	03 19 54.7 -1.9
AVF	comp=Z,9.0nm,0.8s	Pmax	Pmax	
NC204	NORSAR Array S 44.06 331 P	P	P	03 19 56.6 +0.1
ULN	Ulaanbaatar 44.38 49 P	Pmax	Pmax	03 19 59.4 0.0
ULN	comp=Z,6.0nm,1.3s	Pmax	Pmax	
ULN	Ulaanbaatar 44.38 49 P	P	P	03 19 59.4 0.0
SNART	Snartemo 44.48 326 eP	P	P	03 19 59.9 +0.1
ARCES	ARCES Array B 44.59 346 P	P	P	03 20 00.8 +0.2
ARCES	comp=Z,2.6nm,0.8s,baz=141,slow=7.8,SNR=14	P	P	
ARCES	ARCES Array B 44.59 346 P	P	P	03 21 43.5 +0.1
AREO	AREO Array S 44.59 346 eP	P	P	03 20 00.9 +0.3
KTK1	Katoukeino 44.71 344 eP	P	P	03 20 01.7 +0.2
TAM	Tamanrasset 44.77 275 P	P	P	03 20 03.0 +0.2

TAM	Tamanrasset 44.77 275 P	P	P	03 20 03.0 +0.2
TAM	comp=Z,6.4nm,0.8s	I Amb	I Amb	03 20 05.1
SKAR	Skarslija 44.88 329 eP	P	P	03 20 03.8 +0.8
NRK1	Noril'sk 45.12 16 LR	P	LR	03 39

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

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FURC	Furnace Creek, baz=310,SNR=8.0	47.13	83	P	P	04 21 27.3 +1.3
OSI	Osito Audit: C baz=311	47.19	86	P	P	04 21 27.6 +1.0
TPNV	Topopah Spring baz=310,SNR=48	47.19	82	P	P	04 21 27.9 +1.1
LAO	LASA Array baz=305	47.20	65	P	P	04 21 26.7 +0.1
LAO	LASA Array comp=Z,8.4nm,0.6s	47.20	65	IAMB	IAMB	04 21 27.0
DUG	Dugway, Tootee baz=308,SNR=32	47.24	76	P	P	04 21 27.7 +0.6
DUG	comp=Z,2.9nm,0.6s	47.24	76	P	P	04 21 27.7 +0.6
DUG	Dugway, Tootee baz=308,SNR=32	47.24	76	P	P	04 21 27.7 +0.6
NJ2	Nanjing	47.28	269	eP	P	04 21 25.7 -1.5
NJ2	comp=Z,6.0nm,0.5s	47.28	269	eP	P	04 21 25.7 -1.5
EDW2	Edwards Air Fo baz=311	47.47	85	P	P	04 21 29.6 +0.8
BW06	Boulder Array baz=307,SNR=23	47.60	71	P	P	04 21 29.6 -0.3
BW06	Boulder Array comp=Z,2.9nm,0.6s	47.60	71	IAMB	IAMB	04 21 30.4
PD31	Pinedale Array comp=Z,7.7nm,0.6s	47.60	71	IAMB	IAMB	04 21 30.4
PDAR	Pinedale Array 47.60 71 P	47.60	71	P	P	04 21 29.6 -0.4
PDAR	comp=Z,2.5nm,0.5s,baz=310,SNR=110	47.60	71	P	P	04 21 29.6 -0.4
DECC	Green Verdugo baz=312	47.67	86	P	P	04 21 31.4 +1.1
JLU	Jordanelle	47.80	75	P	P	04 21 31.2 -0.3
PASC	Pasadena Art C	47.82	86	P	P	04 21 31.4 0.0
SHOC	Shoshone, Teco baz=311,SNR=9.8	47.86	83	P	P	04 21 32.9 +1.2
MWC	Mount Wilson comp=Z,2.0nm,1.0s	47.86	86	IAMB	IAMB	04 21 34.5
GSC	Goldstone, Bar comp=Z,2.8nm,0.8s	47.92	84	P	P	04 21 32.6 +0.2
GSC	Goldstone, Bar baz=311,SNR=29	47.92	84	P	P	04 21 33.4 +1.1
GSC	Goldstone, Bar baz=311,SNR=29	47.92	84	P	P	04 21 32.5 +0.2
BFSC	Mount Baldy Ra baz=312,SNR=5.4	48.10	86	P	P	04 21 34.8 +1.0
SHPR	Sheep Range	48.15	81	P	P	04 21 33.4 -0.7
CIS	Catalina Island baz=312	48.19	87	P	P	04 21 35.1 +0.8
TUQ	Turquoise Moun baz=311	48.38	83	P	P	04 21 36.6 +0.7
KULLO	Kullorsuaq comp=Z,1.6nm,0.7s	48.44	17	P	P	04 21 35.6 0.0
KULLO	Kullorsuaq	48.44	17	P	P	04 21 35.6 0.0
KULLO	comp=Z,1.6nm,0.7s	48.44	17	P	P	04 21 35.6 0.0
HEC	Hector,Ludlow baz=311	48.52	84	P	P	04 21 37.9 +1.0
CCUT	Cedar City	48.57	79	P	P	04 21 37.6 +0.1
SZCU	Shurtz Canyon	48.71	79	P	P	04 21 38.3 -0.2
MURC	Murrieta	48.81	86	P	P	04 21 40.1 +1.0
GMRC	Granite Mounta baz=312,SNR=20	48.97	84	P	P	04 21 41.3 +0.9
MTPU	Mount Pierson	48.97	78	P	P	04 21 40.9 +0.2
PFO	Pinyon Flats O comp=Z,3.0nm,0.6s	49.26	85	P	P	04 21 42.1 -0.5
PFO	Pinyon Flats O baz=312	49.26	85	P	P	04 21 43.1 +0.5
PFO	Pinyon Flats O	49.26	85	P	P	04 21 42.1 -0.5
PKCU	Pink Cliffs	49.28	79	P	P	04 21 43.2 +0.2
BELO	Belle Mtn, Jos baz=312,SNR=15	49.28	85	P	P	04 21 43.2 +0.2
109C	Camp Elliot, M baz=313	49.34	86	P	P	04 21 44.5 +1.3
109C	Camp Elliot, M	49.34	86	P	P	04 21 43.5 +0.4
109C	comp=Z,2.2nm,1.0s	49.34	86	IAMB	IAMB	04 21 45.1
K22A	Casper baz=308	49.44	70	P	P	04 21 43.1 -0.9
K22A	Casper	49.44	70	P	P	04 21 42.9 -1.1
IRM	Iron Mountain baz=312,SNR=12	49.70	84	P	P	04 21 46.6 +0.7
BAR	Barrett	49.75	86	IAMB	IAMB	04 21 48.0
MONP2	Monument Peak baz=313,SNR=6.9	49.76	86	P	P	04 21 47.4 +0.8
BC3	Big Chuckawall baz=312,SNR=7.6	49.85	84	P	P	04 21 47.4 +0.3
W13A	Hualapai Mount	49.85	82	P	P	04 21 46.8 -0.5
W13A	comp=Z,8.4nm,0.7s	49.85	82	IAMB	IAMB	04 21 48.7
U15A	North Rim	49.95	80	P	P	04 21 48.5 +0.4
RSSD	Black Hills	49.97	67	P	P	04 21 46.7 -1.3
RSSD	comp=Z,3.0nm,0.6s	49.97	67	P	P	04 21 47.0 -1.0
RSSD	Black Hills baz=308	49.97	67	P	P	04 21 47.0 -1.0
RSSD	Black Hills	49.97	67	P	P	04 21 46.7 -1.3
O20A	White Rim Ci baz=309,SNR=6.6	50.01	73	P	P	04 21 48.1 -0.2
IKP	In-Ko-Pah, Jac baz=313,SNR=5.1	50.12	86	P	P	04 21 50.0 +0.8
MDND	Maddock	50.16	60	P	P	04 21 48.6 -0.5
MDND	Maddock	50.16	60	P	P	04 21 49.0 -0.1
PDMCJ	Parker Dam,Lak baz=312,SNR=6.5	50.22	83	P	P	04 21 50.4 +0.7
Y12C	Blythe	50.36	84	P	P	04 21 51.6 +0.9
Y12C	Blythe baz=312,SNR=8.0	50.36	84	IAMB	IAMB	04 21 52.4
GLA	Glamis	50.64	85	P	P	04 21 53.3 +0.3
GLA	comp=Z,2.5nm,0.7s	50.64	85	P	P	04 21 54.0 +1.0
GLA	Glamis baz=313,SNR=6.6	50.64	85	P	P	04 21 53.3 +0.3
GLA	Glamis	50.67	56	P	P	04 21 53.2 -0.6
ULM	Lac du Bonnet comp=Z,4.2nm,0.4s,baz=264,slow=5.4,SNR=4.7	50.67	56	IAMB	IAMB	04 21 53.2
N23A	Red Feather La baz=309	50.88	71	P	P	04 21 55.0 +0.1
N23A	Red Feather La	50.88	71	P	P	04 21 54.3 -0.6
N23A	comp=Z,3.6nm,0.5s	50.88	71	IAMB	IAMB	04 21 56.5
WHN	Wuhan	51.10	272	P	P	04 21 56.6 +0.2
WHN	comp=Z,3.0nm,0.6s	51.10	272	P	P	04 21 57.6 +1.0
WUAZ	Wupatki baz=312,SNR=9.5	51.11	80	P	P	04 21 56.9 +0.3
WUAZ	Wupatki	51.11	80	P	P	04 21 56.9 +0.3
WUAZ	comp=Z,7.2nm,0.7s	51.11	80	IAMB	IAMB	04 21 58.0
Y14A	Wickenburg	51.16	82	P	P	04 21 56.6 -0.3
Y14A	comp=Z,5.3nm,0.6s	51.16	82	IAMB	IAMB	04 21 58.0
113A	Mohawk Valley,	51.49	84	P	P	04 21 57.0 -2.3
MVCO	Mesa Verde baz=311	51.74	76	P	P	04 22 01.6 +0.2
ISCO	Idaho Springs	51.77	72	P	P	04 22 01.8 +0.1
ISCO	comp=Z,1.0nm,0.8s	51.77	72	P	P	04 22 02.5 +0.8
ISCO	Idaho Springs baz=310	51.77	72	P	P	04 22 01.8 +0.1
ISCO	Idaho Springs	51.77	72	P	P	04 22 01.8 +0.1
X16A	Lo Mia Camp, P	51.80	81	P	P	04 22 01.6 -0.3
X16A	comp=Z,8.6nm,0.7s	51.80	81	IAMB	IAMB	04 22 02.0
AGMN	Agassiz Nation baz=308	51.87	58	P	P	04 22 01.1 -0.8
AGMN	Agassiz Nation	51.87	58	P	P	04 22 01.1 -0.8
AGMN	comp=Z,1.0nm,1.1s	51.87	58	IAMB	IAMB	04 22 02.0
XAN	Xi'an	52.06	279	P	P	04 22 03.4 -0.2
XAN	comp=Z,7.0nm,0.9s	52.06	279	P	P	04 22 03.4 -0.2
XAN	comp=Z,100nm,3.5s	52.06	279	P	P	04 22 03.4 -0.2
W18A	Petrified Fore	52.37	79	P	P	04 22 06.1 +0.1
W18A	comp=Z,5.6nm,0.7s	52.37	79	IAMB	IAMB	04 22 07.8
S22A	4UR Ranch, Cre baz=311,SNR=5.5	52.39	75	P	P	04 22 06.0 -0.3
S22A	4UR Ranch, Cre	52.39	75	P	P	04 22 06.0 -0.3
TPUB	Ta-pu	52.44	260	P	P	04 22 04.9 -1.6

TPUB	comp=Z,11nm,0.9s	52.59	72	P	P	04 22 07.1
Q24A	Divide baz=311	52.59	72	P	P	04 22 07.9 +0.2
214A	Organ Pipe Nat baz=314,SNR=8.1	52.63	84	P	P	04 22 08.1 +0.2
214A	Organ Pipe Nat	52.63	84	P	P	04 22 07.6 -0.2
214A	comp=Z,15nm,1.1s	52.63	84	IAMB	IAMB	04 22 09.4
B35A	Bob, Littlelor comp=Z,7.8nm,0.7s	52.94	57	IAMB	IAMB	04 22 09.9
SUMG	Summit	53.16	13	P	P	04 22 12.3 +0.8
SUMG	Summit	53.16	13	P	P	04 22 12.3 +0.8
SUMG	Summit	53.16	13	P	P	04 22 11.2 -0.3
SUMG	comp=Z,14nm,0.9s	53.16	13	IAMB	IAMB	04 22 13.2
SDCO	Great Sand Dun baz=311,SNR=5.6	53.18	74	P	P	04 22 12.4 +0.3
SDCO	Great Sand Dun	53.18	74	P	P	04 22 11.9 -0.2
TUC	Tucson	53.63	82	P	P	04 22 15.4 +0.2
TUC	comp=Z,6.0nm,0.8s	53.63	82	P	P	04 22 16.0 +0.8
TUC	Tucson	53.63	82	P	P	04 22 15.4 +0.2
TUC	comp=Z,5.9nm,0.8s	53.63	82	IAMB	IAMB	04 22 17.0
LZH	Lanzhou	53.77	284	eP	P	04 22 17.3 +1.0
LZH	comp=Z,2.9nm,1.1s	53.77	284	eP	P	04 22 18.3 +0.6
LZH	comp=Z,120nm,4.3s	53.77	284	eP	P	04 22 52.6 +1.0
LZH	comp=Z,140nm,17.1s	53.77	284	eP	P	04 24 19.1 +1.2
LZH	comp=Z,160nm,17.2s	53.77	284	eP	P	04 22 17.3 +1.0
LZH	comp=Z,180nm,17.6s	53.77	284	eP	P	04 22 18.3 +0.6
K31A	O'Neill	53.90	65	P	P	04 22 16.9 0.0
GTA	Ga'otai	53.95	290	eP	P	04 22 42.8 +1.1
GTA	Ga'otai	53.95	290	eP	P	04 22 53.8 +0.9
GTA	comp=Z,7.0nm,0.7s	53.95	290	eP	P	04 22 18.6 +0.4
KSCO	Kaye Shedlock' baz=311	54.04	71	P	P	04 22 18.2 0.0
KSCO	Kaye Shedlock'	54.04	71	P	P	04 22 19.4
T25A	Trinidad baz=312	54.23	74	P	P	04 22 19.4 -0.2
T25A	Trinidad	54.23	74	P	P	04 22 18.0 -1.7
T25A	comp=Z,15nm,1.1s	54.23	74	IAMB	IAMB	04 22 21.0
EYMN	Ely baz=310,SNR=10	54.36	56	P	P	04 22 19.5 -0.6
EYMN	Ely	54.36	56	IAMB	IAMB	04 22 20.6
ECSD	EROS Data Cent	54.37	63	P	P	04 22 19.0 -1.3
ANMO	Albuquerque	54.48	77	P	P	04 22 21.3 -0.2
ANMO	comp=Z,2.0nm,0.8s	54.48	77	P	P	04 22 21.9 +0.5
ANMO	Albuquerque baz=313	54.48	77	P	P	04 22 21.3 -0.2
ANMO	Albuquerque	54.48	77	P	P	04 22 21.3 -0.2
BNN	Barren Site	54.91	78	P	P	04 22 25.1 +0.4
121A	Cookes Peak, D baz=314,SNR=4.4	55.32	80	P	P	04 22 28.5 +1.0
121A	Cookes Peak, D	55.32	80	P	P	04 22 27.3 -0.2
121A	comp=Z,5.1nm,0.6s	55.32	80	IAMB	IAMB	04 22 29.3
SPMN	Marine on St.	55.45	59	P	P	04 22 27.6 -0.5
SPMN	Marine on St.	55.45	59	IAMB	IAMB	04 22 28.7
SPMN	comp=Z,6.6nm,0.6s	55.45	59	IAMB	IAMB	04 22 32.0
HSIG	comp=Z,8.3nm,0.6s	55.85	85	IAMB	IAMB	04 22 32.0
CBKS	Cedar Bluff baz=312	55.85	69	P	P	04 22 31.0 -0.1
I37A	Lemond, Waseca comp=Z,8.3nm,0.6s	55.93	61	IAMB	IAMB	04 22 33.2
SRIG	Santa Rosalia	56.23	88	P	P	04 22 32.5 -1.4
SRIG	comp=Z,14nm,0.8s	56.23	88	IAMB	IAMB	04 22 35.2
D41A	Chassel comp=Z,6.5nm,0.7s	56.43	55	IAMB	IAMB	04 22 36.5

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Table with columns: WC, Wh, Yhandotte Cave, 63.80, 61, P, P, 04 23 24.1, -1.4, 04 23 25.3, etc.

Table with columns: N58A, Sunbury, 66.84, 53, P, P, 04 23 44.6, -0.4, 057A, Amberson, 66.86, 54, P, P, 04 23 45.0, -0.2, etc.

Table with columns: THE 05:04:15:52.8, 36:44N-27:14E, h1km, 2km, ML2.9/4, Error ellipse: s-maj=2.0km s-min=0.9km az=204.0, etc.

ILAR Eielson Array 79.74 22 P P 05 18 09.0 +0.6
DLBC Dease Lake 85.18 31 LR LR 05 51 00.7
TORD Torodi Arr. Bea 149.13 292 PKPbc PKPbc 05 25 50.5 +0.3

MOS 05:05:15.21.9.1.2, 46.21Nk:153.21E, h37km, mb4.5/11, Error ellipse: s-maj=1.1, 2km s-min=8.0km az=47.2
NEIC 05:05:15.23.6.1.4, 46.3N:0.1, 153.1E:0.1, h26km, 4km, mb4.3/12, Error ellipse: s-maj=18.3km s-min=8.9km az=157.0
SKHL 05:05:15.24.5.0.2, 46.20Nk:153.10E, h55km, 1km, mb4.4/5, ms4.5/2
IDC 05:05:15.25.4.3.9, 46.39N:153.02E, h41km, 35km, mb3.6/13, mb1 3.8/15, mb1mx3.6/44, mbtmp3.8/15, ML2.7/2, MS3.1/4, Ms1 3.1/4, ms1mx2.7/36, Error ellipse: s-maj=27.8km s-min=17.0km az=163.0
ISC 05:05:15.23.6.0.7, 46.15N:0.09, 153.24E:0.06, h31km, n85, alpha152/82, mb4.2/31, 2C-3D, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, Res ISC. Includes stations like Kuril'sk, Severo-Kuril's, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, Res ISC. Includes stations like Inuvik, ZALV, MK31, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, Res ISC. Includes stations like KAPPI, VNA2, VNA1, etc.

IDC 05:05:45:25.0.1.4, 9.96N:126.58E, h0km, mb4.0/7, mb1 4.7/7, mb1mx3.7/45, mbtmp4.0/7, MS3.5/4, Ms1 3.5/4, ms1mx2.8/42, Error ellipse: s-maj=130.8km s-min=18.1km az=74.0
NEIC 05:05:45:26.7.1.9, 9.9N:0.1, 126.5E:0.2, h10km, 2km, mb4.4/8, Error ellipse: s-maj=26.4km s-min=20.0km az=97.0
MAN 05:05:45:29.1, 10.07N:126.40E, h149km, MS3.5
ISC 05:05:45:31.0.0.8, 10.01N:0.06, 126.64E:0.09, h42km, n25, alpha172/28, mb4.0/10, MS3.8/3, 3C-4D, Philippine Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, Res ISC. Includes stations like SCPH, MSLP, MSLP, etc.

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5d 7h

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA 0.4nm, 0.3s, baz=332, slow=13, SNR=19.

INET 05 06:22:29.7, 11:70N, 87:37W, h12km, ML4.0
SNET 05 06:22:32.8, 1.0, 11:90N, 87:19W, h13km, 13km, ML3.7
UCR 05 06:22:33.0, 1.0, 11:92N, 87:31W, h3km, 15km, ML3.6

NEIC 05 06:22:34.4, 1.5, 11:85N, 0:04:87.13W, 0:06, h49km, 11km, mb4.1/35, Error ellipse: s-maj=9.2km s-min=5.9km az=104.0

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

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BOAB BOACO BROADBAND, MATN Matlapala, LCHD La Caada.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like ACON Acopya, FAGO Alcaldia de S, FAGO Alcaldia de S.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like COEB Comit de Eme, TGUH Teguilpa, LBRs Las Brisas.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like Y49A Blount Mountain, FPAL Fort Paine, JSC Jenkinsville.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX32 Lajitas Array.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like W50A Signal Mountain, MIAR Mount Ingham, WHAR Woolly Hollow.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like X37A Clayton, W39A Magazine, CLTN Cedars of Liba.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like U49A Ozark Folk Cen, U49A Red Boiling Sp, X34A Smith Ranch M.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like V58A Windy Hill, Pi, WMOK Wichita Mounta, WMOK Wichita Mounta.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like OK029 Liberty Lake, QUOK Quasy, MSTX Mushesho.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like Q51A Peebles, P38A Dawn, N49A Columbus Grove.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like ECSD EROS Data Cent, PECO Prince Edward, SRU San Rafael Swe.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like VANDA Vanda, AKASA Malin Array Be.

NEIC 05 06:48:06.1, 1.8, 17:9S, 0:1:177.8W, 0:1, h57km, 7km, mb4.2/24, Error ellipse: s-maj=24.4km s-min=15.9km az=140.0

IDC 05 06:48:08.3, 5.3, 17:84S, 178:02W, h592km, 58km, mb3.2/8, mb1 3.6/8, mb1mx3.3/22, mbtmp4.1/8, Error ellipse: s-maj=54.5km s-min=20.5km az=148.0

ISC 05 06:48:08.2, 0.7, 17:7S, 0:1:177.8W, 0:1, h600km, n40, r1948/42, mb4.1/20, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like MSVF Nonavsu, AFI Afiamalo, FUNA Funafuti.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, FOR Forest, FOR Forest.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like GNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like OSPA South Pole Qui, PEAOB Petropavlovsk, PEAOB Petropavlovsk.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, LON Longmire, LON Longmire.

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

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ARCS ARCS Array B, ARCS ARCS Array B.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, CLL Collim, GERES GERES Array B.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, KUR14 Kurchatov Arra, KUR14 Kurchatov Arra.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like KUR15 Kurchatov Arra, KUR15 Kurchatov Arra, KUR15 Kurchatov Arra.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like SEM Semipalatinsk, MAZ2 Makanchi, MAZ2 Makanchi.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like MAZ2 Makanchi, MAZ2 Makanchi, MAZ2 Makanchi.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like OTUK 7.7nm, 0.6s, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like DJR Jarkent, ARXS Arharly, ARXS Arharly.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BRVK Borovoye Array, BRVK Borovoye Array, BRVK Borovoye Array.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like SATY Saty, SATY Saty, SATY Saty.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like NRIK Norik's, NRIK Norik's, NRIK Norik's.

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

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like TMBK Timbaki Herakl, TMBK Timbaki Herakl, TMBK Timbaki Herakl.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like GVD Gavdhos, GVD Gavdhos, GVD Gavdhos.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like GVDs Gavdos, GVDs Gavdos, GVDs Gavdos.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, IDI Anoyia, IDI Anoyia.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, IDI Anoyia, IDI Anoyia.

JMA 05 07:35:26.6, 0.4, 32.34N, 142.34E, h31km, M3.5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like HCHJ Hachijojimakas, HCHJ Hachijojimakas, HCHJ Hachijojimakas.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO1 Boso 1, BSO1 Boso 1.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like BSO3 Boso 3, BSO3 Boso 3, BSO3 Boso 3.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like JHU Hano, JHU Hano, JHU Hano.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like JYJ Shimob, JYJ Shimob, JYJ Shimob.

JMA 05 07:55:21.5, 0.1, 39.43N, 142.44E, h34km, M4.3, Moment Tensor Solution

MOS 05 07:55:21.7, 0.9, 39.45N, 142:53E, h49km, mb4.4/17, Error ellipse: s-maj=6.9km s-min=6.2km az=85.9

NEIC 05 07:55:21.6, 39.43N, 142:45E, h34km, M4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm

NEIC 05 07:55:23.7, 2.4, 39.40N, 0:08:142.6E, 0:1, h50km, 7km, mb4.4/14, Error ellipse: s-maj=16.7km s-min=8.4km az=118.0

IDC 05 07:55:26.7, 3.0, 39.34N, 142:29E, h74km, 27km, mb3.6/14, mb1 3.8/17, mb1mx3.7/35, mbtmp3.9/17, MS3.4/13

ISC 05 07:55:20.8, 1.5, 39.39N, 0:04:142:54E, 0:1, h24km, 10km, n100, r198/109, mb4.1/34, MS3.7, 9C-1D, Near east coast of eastern Honshu

Table with columns: Station Name, Az, El, P, S, M, Time, Res. Includes stations like Miyako jima3, Gusukube, Irabujima, Ikemajima, Tarama, Ishigakijimah, etc.

IDC 05:16:58.0, 4.7, 24.32N, 125.37E, h27km, 4km, mb4.0/16, mb1.4/0.17, mb1mx3.8/24.9, mbtmp4.1/17, ML3.0/1, MS3.1/1, Ms1.3/1.1, ms1mx2.7/60, Error ellipse: s-maj=29.3km s-min=12.5km az=65.0

NEIC 05:16:58.9, 1.6, 24.33N, 125.37E, h31km, 5km, mb4.5/25, Error ellipse: s-maj=13.1km s-min=8.7km az=157.0

NIED 05:16:59.3, 24.26N, 125.24E, h0km, MW4.3, Moment Tensor Solution, s2 Moment tensor: Scale 10^19Nm, Mw:1.38, Mm:1.27, Mw:0.11, Ms:2.29, Mw:0.62, Ms:1.42, Fault plane solution: M3.06000x10^15 NP1:0.59, 0.00000, 0.76, 0.00000, 1.86, 0.00000, NP2:0.256, 0.00000, 0.15, 0.00000, 1.06, 0.00000

JMA 05:16:59.2, 0.2, 24.26N, 125.24E, h0km, M4.4, ISC 05:16:58.6, 0.8, 24.27N, 125.33E, 0.05, h29km, 4km, m69, c=577/80, mb4.4/29, 1D, Southwestern Ryukyu Islands

Main station list table with columns: Code, Station Name, Az, El, P, S, M, Time, Res. Lists numerous stations including Miyako jima3, Gusukube, Irabujima, etc.

Table with columns: Station Name, Az, El, P, S, M, Time, Res. Includes stations like AKTO Aktyubinsk, GEYM Alibek, SCMT Sheep Creek Mo, etc.

NEIC 05:09:39:27.8, 1.5, 1.93N, 0.006, 96.94E, 0.06, h20km, 1km, mb5.8/241, Ms:20.6/2829, Mw:0.8/81, Mw:0.9, Mw:6.0, Mw:6.1, (GCMT), Error ellipse: s-maj=11.3km s-min=8.0km az=230.0

BJJ 05:09:39:27.8, 0.0, 2.00N, 97.10E, h30km, mb6.1/82, mb5.8/88, Ms6.4/94, Ms7.6/385

IDC 05:09:39:27.1, 2.0, 1.98N, 97.02E, h12km, 12km, mb5.4/45, mb1.5/4.47, mb1mx5.3/5.1, mbtmp5.4/47, ML4.9/2, MS5.9/34, Ms1.9/34, ms1mx5.8/50, Error ellipse: s-maj=10.3km s-min=8.7km az=55.0

GCMT 05:09:39:29.8, 0.1, 1.72N, 0.01, 96.74E, 0.01, h20km, MW6.1/157, Moment Tensor Solution, s157, c347, s150, c364, Duration: 29.0, Moment tensor: Scale 10^18 Nm, Mw:0.64, 0.1, Mw:0.62, 0.1, Mw:0.22, 0.1, Mw:0.92, 0.1, Mw:0.31, 0.1, Mw:1.07, 0.1, Best double couple: M1.55100x10^18 NP1:0.296, 0.00000, 0.13, 0.00000, 1.68, 0.00000, NP2:0.138, 0.00000, 0.87, 0.00000, 1.95, 0.00000, Principal axes: T.15620, Plg57.0000, Azm54.0000; N -0.2040, Plg5.0000, Azm317.0000; P -1.5390, Plg33.0000, Azm224.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 05:09:39:29.6, 1.95N, 96.99E, h19km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mw:0.45, Mw:0.88, Mw:0.44, Mw:0.65, Mw:0.27, Mw:0.53, Fault plane solution: M3.0000x10^18 NP1:0.130, 0.00000, 0.75, 27.0000, 1.120, 43.0000, NP2:0.243, 49.0000, 0.83, 50.0000, 1.27, 43.0000, Principal axes: T.10163, Plg50.0000, Azm74.0000; N.0.2565, Plg29.0000, Azm302.0000; P -1.2728, Plg24.0000, Azm197.0000;

DJA 05:09:39:29.1, 0.7, 2.2N, 2.97E, h22km, 5km, M5.8/85, mb6.1/73, mb5.8/85, MLv6.2/18, Mw6.0/38, Mw(MB)5.8/73, Mb6.5/9/61

BGR 05:09:39:30.1, 0.0, 1.81N, 96.41E, h33km, mb5.6, Ms5.7, MOS 05:09:39:30.2, 1.0, 2.02N, 97.03E, h47km, mb6.0/136, Ms5.8/63, Error ellipse: s-maj=5.4km s-min=3.2km az=115.3

NEIC 05:09:39:32.1, 99N, 96.41E, h30km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; Mw:0.30, Mw:0.04, Mw:0.34, Mw:1.06, Mw:0.18, Mw:0.59, Fault plane solution: M1.27000x10^18 NP1:0.5, 0.00000, 0.13, 0.00000, 1.152, 0.00000, NP2:0.122, 0.00000, 0.84, 0.00000, 1.78, 0.00000, Principal axes: T.13130, Plg50.0000, Azm19.0000; N.-0.8832, Plg12.0000, Azm123.0000; P -1.2298, Plg38.0000, Azm222.0000;

NEIC 05:09:39:32.1, 65N, 96.69E, h20km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; Mw:0.42, Mw:0.21, Mw:1.14, Mw:0.36, Mw:1.23, Fault plane solution: M1.80000x10^18 NP1:0.296, 0.00000, 0.81, 0.00000, 1.69, 0.00000, NP2:0.137, 0.00000, 0.79, 0.00000, 1.94, 0.00000, Principal axes: T.1.7805, Plg55.0000, Azm52.0000; N.0.0416, Plg4.0000, Azm316.0000; P -1.8222, Plg34.0000, Azm223.0000;

KLM 05:09:39:33.0, 2.10N, 96.89E, h57km, mb5.9, Hypocentre not reviewed by the ISC

ISC 05:09:39:30.1, 0.3, 1.98N, 0.02, 96.96E, 0.03, h34km, h34km; p-P, 1.899, 1.865/1873, mb5.8/322, MS6.2/528, 136C-9D, Off west coast of northern Sumatara

Main station list table with columns: Code, Station Name, Az, El, P, S, M, Time, Res. Lists numerous stations including GSI Gunungsitoli, KCSI Kotacane, RPSI Rantau Prapat, etc.

Table with columns: Station Name, Az, El, P, S, M, Time, Res. Includes stations like PBKT Sadao Pong, DLV T Lat, SBUM Sibiu, etc.

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

CHTO Chiang Mai 16.85 6 P Pn 09 43 27.0 +0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.2 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 23.3 -0.3

CHTO Chiang Mai 16.85 6 P Pn 09 43 22.6 -0.9

SEM	Semipalatinsk	50.30 346	iP	P	09 48 23.5	-0.1
SEM			iS	S	09 55 34.0	-0.1
SEM			pmax	pmax		
SEM	comp=Z,121nm,1.0s		MLR	MLR		
IRK	irkutsk	50.47 6	eP	P	09 48 25.0	+0.4
IRK			e		09 50 23.5	
IRK			e		09 55 54.2	
IRK	comp=Z,359nm,1.3s		pmax	pmax		
GEYT	Alibek	50.47 320	P	P	09 48 25.3	+0.4
GEYT	comp=Z,51nm,0.8s,baz=147,slow=8.5,SNR=46					
GEYT	comp=Z,10um,20.8s,baz=110,slow=38		LR	LR	10 11 18.5	
GYA0B	ALIBECK ARRAY	50.47 320	P	P	09 48 25.0	+0.1
BBOO	Bucklebo	50.60 137	P	P	09 48 26.1	+0.1
BBOO	comp=Z,51,SNR=11					
BBOO	Bucklebo	50.60 137	P	P	09 48 25.5	-0.4
BBOO	comp=Z,96nm,1.1s		IAMB	IAMB	09 48 47.8	
BBOO	comp=Z,22um,21.0s		IAMS_20	IAMS_20	10 09 36.3	
MTSU	Mount Sunrise	50.71 115	P	P	09 48 27.4	+0.3
MTSU	comp=Z,51,SNR=27					
OTUK	Ortau	50.74 339	P	P	09 48 27.6	+0.8
KURRB	Kurchatov Arra	50.92 345	P	P	09 48 28.5	+0.5
KURRB	comp=Z,118nm,0.8s,baz=168,slow=7.0,SNR=213					
KURRB	Kurchatov Arra	50.92 345	P	P	09 48 29.3	+1.3
KURK	Kurchatov	50.99 345	P	P	09 48 29.4	+0.9
KURK			P	P	09 48 29.4	+0.9
KURK			P	P	09 48 29.4	+0.9
KURK	Kurchatov	50.99 345	P	P	09 48 29.1	+0.6
KURK	comp=Z,232nm,1.0s		pmax	pmax		
KURK	comp=Z,11um,22.0s		MLR	MLR		
KURK	Kurchatov	50.99 345	P	P	09 48 29.1	+0.6
HIA	Hailar	50.99 19	P	P	09 48 28.6	0.0
HIA	comp=Z,136nm,1.0s		pmax	pmax		
HIA	comp=Z,37um,18.0s		MLR	MLR		
HIA	Hailar	50.99 19	P	P	09 48 28.6	0.0
HIA	comp=Z,136nm,1.0s		IAMB	IAMB	09 48 40.6	
PMG	Port Moresby	51.27 104	LR	LR	10 14 24.8	
PMG	comp=Z,6um,18.7s,baz=258,slow=4.1					
PMG	Port Moresby	51.27 104	P	P	09 48 30.5	-0.8
PMG	comp=Z,296nm,0.8s		pmax	pmax		
PMG	comp=Z,7um,20.0s		MLR	MLR		
PMG	Port Moresby	51.27 104	P	P	09 48 30.5	-0.8
MAJO	Matsushiro	51.28 43	P	P	09 48 30.4	-0.6
MAJO	Matsushiro	51.28 43	P	P	09 48 30.4	-0.6
MAJO	comp=Z,154nm,0.8s		IAMB	IAMB	09 48 35.0	
MAJO	Matsushiro	51.28 43	IAMS_20	IAMS_20	10 11 43.2	
MAJO	Matsushiro	51.28 43	P	P	09 48 30.4	-0.7
MAT	Matsu-Tunnel	51.28 43	S	S	09 55 49.0	+1.1
MAT			S	S	09 48 30.5	-0.6
MJBB	Matsushiro	51.28 43	IAMB	IAMB	09 48 34.9	
MJBB	comp=Z,157nm,0.8s		IAMS_20	IAMS_20	10 11 43.2	
MJBB	comp=Z,17um,18.0s					
MJAR	Matsushiro Arr	51.28 43	P	P	09 48 30.2	-0.9
MJAR	comp=Z,99nm,1.0s,baz=228,slow=7.7,SNR=92					
MDJ	Mudanjiang	51.31 30	P	P	09 48 31.7	+0.6
MDJ	comp=Z,137nm,0.9s		IAMB	IAMB	09 48 35.5	
MDJ	comp=Z,28um,18.0s		IAMS_20	IAMS_20	10 13 02.0	
CIT	Chita	51.77 13	eP	P	09 48 35.6	+1.1
CIT			e		09 48 51.4	
CIT	comp=Z,601nm,1.6s		pmax	pmax		
BRZS	Berezni	52.10 340	iP	P	09 48 47.4	+1.0
BRZS	comp=Z,237nm,5.0s,baz=340					
BRZS	comp=Z,3um,17.9s,baz=340		LR	LR	10 11 46.8	
USAOB	Ussuriysk Arra	52.23 31	P	P	09 48 38.3	+0.3
USAOB	comp=Z,434nm,1.3s		pmax	pmax		
USAOB	comp=Z,56um,18.0s		MLR	MLR		
USAOB	Ussuriysk Arra	52.23 31	P	P	09 48 38.3	+0.3
USRK	Ussuriysk Ar	52.23 31	P	P	09 48 38.1	+0.2
USRK	comp=Z,207nm,0.9s,baz=226,slow=5.0,SNR=196		LR	LR	10 13 57.6	
USRK	comp=Z,56um,18.0s,baz=217,slow=40					
ZAAO	Zalesovo Array	52.76 351	P	P	09 48 42.0	+0.4
ZALV	Zalesovo Beam	52.76 351	P	P	09 48 42.0	+0.4
ZALV	comp=Z,583nm,0.8s,baz=179,slow=6.3,SNR=450					
ZALV	comp=Z,12nm,1.0s,baz=165,slow=12,SNR=7.5		S	S	09 56 08.6	+1.2
ZALV	comp=Z,7um,19.0s,baz=171,slow=42		LR	LR	10 16 32.7	
ZALV	comp=Z,0.9nm,0.5s,baz=355,slow=1.8,SNR=3.9		PKPPKP	PKPPKP	10 19 08.1	-1.2
HTT	Hallett	52.94 136	P	P	09 48 44.0	+0.5
HTT	comp=Z,53,SNR=29					
OPO	Ambohitrampom	53.03 245	P	P	09 48 46.0	+1.5
CTA	Charters Tower	53.06 117	P	P	09 48 44.7	+0.2
CTA	comp=Z,139nm,0.8s		pmax	pmax		
CTAO	Charters Tower	53.06 117	P	P	09 48 44.6	0.0
CTAO	comp=Z,97nm,0.8s		MLR	MLR		
CTAO	comp=Z,16um,18.0s		MLR	MLR		
CTAO	Charters Tower	53.06 117	IAMS_20	IAMS_20	10 15 13.9	
CTAO	comp=Z,16um,18.0s					
ABPO	Ambohimpom	53.13 244	P	P	09 48 45.2	0.0
ABPO	comp=Z,48nm,1.1s		pmax	pmax		
ABPO	Ambohimpom	53.13 244	IAMS_20	IAMS_20	10 07 01.4	
DAMY	Dhamar	53.36 287	P	P	09 48 47.0	-0.2
DAMY	comp=Z,17um,20.0s		IAMB	IAMB	09 49 01.4	
QLP	Quilpie	53.70 125	P	P	09 48 49.6	+0.5
QLP	comp=Z,156nm,1.0s					
KRAR	Krasnoyarsk	53.97 357	iP	P	09 48 51.2	+0.7
STKA	Stevens Creek	54.05 132	P	P	09 48 51.5	0.0
STKA	comp=Z,54,SNR=35					
STKA	Stevens Creek	54.05 132	P	P	09 48 51.6	0.0
STKA	comp=Z,35nm,0.9s,baz=304,slow=7.5,SNR=54		LR	LR	10 13 41.1	
STKA	comp=Z,12um,21.5s,baz=300,slow=38					
STKA	Stevens Creek	54.05 132	P	P	09 48 51.6	+0.1
FOMA	Nahapooa Res	55.33 238	IAMS_20	IAMS_20	10 07 58.6	
BVAR	Borovoye Array	55.44 341	P	P	09 49 01.0	-0.3
BVAR	comp=Z,102nm,0.7s,baz=140,slow=7.8,SNR=160					
BVAR	Borovoye Array	55.44 341	P	P	09 49 01.0	-0.3
RABL	Rabaul	55.51 96	P	P	09 49 01.0	-1.4
RABL	comp=Z,112nm,0.8s		IAMB	IAMB	09 49 04.7	
BRVK	Borovoye	55.51 341	P	P	09 49 01.8	+0.1
BRVK			P	P	09 49 01.8	+0.1
BRVK			P	P	09 49 01.8	+0.1
BRVK	Borovoye	55.51 341	P	P	09 49 02.0	+0.3
BRVK	Borovoye	55.51 341	IAMB	IAMB	09 49 01.4	-0.3
BRVK	comp=Z,123nm,0.8s					
KLK	Kul'dur	55.67 27	P	P	09 49 03.7	+0.7
KLK	comp=Z,177nm,0.9s,baz=242,slow=7.1,SNR=172					
AB31	Akbulak array	56.72 332	P	P	09 49 10.6	+0.1
AB31	comp=Z,102nm,0.7s,baz=140,slow=7.8,SNR=160					
AB31	Akbulak array	56.72 332	P	P	09 49 10.4	-0.1
ARPS	Mount Arapiles	56.75 137	P	P	09 49 12.3	+1.4
ARPS	comp=Z,57,SNR=7.1					
CMSA	Cobar Meteorol	56.97 130	P	P	09 49 13.6	+1.0
CMSA	comp=Z,102nm,0.7s,baz=140,slow=7.8,SNR=160					
BOD	Bodaibo	57.30 11	eP	P	09 49 14.2	-0.2
BOD	comp=Z,190nm,1.0s		pmax	pmax		
ZEA	Zeya	57.30 21	eP	P	09 49 14.8	+0.3

ZEA			e		09 51 22.0	
ZEA			eS	S	09 57 06.0	-2.4
ZEA			pmax	pmax		
ZEA	comp=E,52nm,0.8s					
ZEA	comp=N,35nm,1.0s		pmax	pmax		
ZEA	comp=Z,120nm,1.0s		pmax	pmax		
ZEA	comp=N,1um,10.0s		pmax	pmax		
ZEA	comp=E,600nm,10.0s		pmax	pmax		
ZEA	comp=Z,2um,10.0s		pmax	pmax		
ZEA	comp=Z,1um,7.0s		smax	smax		
ZEA	comp=N,2um,10.0s		MLR	MLR		
ZEA	comp=Z,39um,16.0s		MLR	MLR		
ZEA	comp=E,13um,15.0s					
RMQ	Roma	57.40 123	P	P	09 49 17.0	+1.3
ERM	Erimo	57.43 40	P	P	09 49 15.6	0.0
ERM	comp=Z,164nm,1.0s		pmax	pmax		
ERM	Erimo	57.43 40	IAMB	IAMB	09 49 31.8	
DESE	Dese	57.58 282	eP	P	09 49 25.9	+8.3
DESE			eS	S	09 57 15.1	+1.1
DESE	Dese	57.58 282	eS	S	09 49 25.9	+8.3
DESE			S	S	09 57 15.1	+1.1
DESE	Dese	57.58 282	eP	P	09 49 21.7	+4.1
DESE			eS	S	09 57 20.7	+6.7
ASAJ	Asahikawa	58.19 37	P	P	09 49 21.6	+0.6
JKA	Kamikawa-asahi	58.19 37	IAMS_20	IAMS_20	10 14 19.0	
JKA	comp=Z,14um,20.0s					
AAE	Adis Abeba	58.29 279	eP	P	09 49 17.1	-5.5
AAE			eS	S	09 57 23.5	+0.2
AAE	Adis Abeba	58.29 279	eS	S	09 57 23.5	+0.2
AAE			S	S	09 49 25.3	+2.7
AAE	Adis Abeba	58.29 279	eP	P	09 49 36.5	+1.3
AAE			eS	S	09 49 30.7	+7.6
FURI	Furi	58.37 279	eP	P	09 49 30.7	+7.6
FURI			iS	S	09 49 36.2	+1.2
FURI	Furi	58.37 279	eP	P	09 49 36.2	+1.2
FURI			iS	S	09 49 36.2	+1.2
FURI	Furi	58.37 279	eP	P	09 49 36.2	+1.2
FURI			eS	S	09 57 36.5	+1.2
AKTO	Aktyubinsk	58.44 332	P	P	09 49 22.1	-0.4
AKTO	comp=Z,97nm,0.9s,baz=128,slow=6.2,SNR=69					
GRNR	Gornyy	58.91 281	iP	P	09 49 26.6	+0.8
GRNR			eS	S	09 51 34.6	
GRNR			pmax	pmax	09 57 33.0	+3.5
GRNR	comp=E,20nm,0.8s					
GRNR	comp=Z,50nm,1.0s		smax	smax		
GRNR	comp=E,7.0nm,0.6s					
EIDS	Eidsvold	58.98 121	P	P	09 49 26.7	-0.1
EIDS	comp=Z,59,SNR=14					
EIDS	Eidsvold	58.98 121	IAMB	IAMB	09 49 26.8	0.0
EIDS	comp=Z,71nm,0.8s					
AKT	Akhty	59.14 318	eP	P	09 49 27.4	-0.3
AKT			e		09 50 15.8	
AKT			e		09 51 39.5	
AKT			pmax	pmax		
TOO	Toolangi	59.66 136	P	P	09 49 33.8	+2.4
TOO	comp=Z,60,SNR=8.8					
TOO	Toolangi	59.66 136	P	P	09 49 32.3	+0.9
TOO	comp=Z,79nm,1.1s		pmax	pmax		
TOO	comp=Z,16um,21.0s		MLR	MLR		
TOO	Toolangi	59.66 136	IAMB	IAMB	09 49 32.3	+0.9
TOO	comp=Z,79nm,1.1s		IAMS_20	IAMS_20	10 17 30.2	
KMBO	Kilima Mbogo	59.78 268	P	P	09 49 32.7	-0.1
KMBO	comp=Z,8.9nm,0.8s,baz=60,slow=9.5,SNR=9.7		LR	LR	10 11 55.9	
KMBO	comp=Z,12um,20.1s,baz=108,slow=33					
KMBO	Kilima Mbogo	59.78 268	eP	P	09 49 28.7	-4.1
KMBO			eS	S	09 57 43.2	+0.8
KMBO	Kilima Mbogo	59.78 268	eP	P	09 49 28.7	-4.1
KMBO			eS	S	09 57 43.2	+0.8
KMBO	Kilima Mbogo	59.78 268	iP	P	09 49 33.8	+1.0
KMBO	SNR=10					
KMBO	Kilima Mbogo	59.78 268	eP	P	09 49 35.2	+2.4
KMBO			eS	S	09 49 48.4	+6.0
KMBO	Kilima Mbogo	59.78 268	P	P	09 49 34.3	+0.6
KMBO	Kilima Mbogo	59.78 268	IAMS_20	IAMS_20	10 11 42.3	
YSS	Yuzh-Sakhalins	59.85 3				

5d 9h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 10 34 01.6).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., PMR Palmer, 99.42 26 P Pdif).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., PPT2 comp=Z,2um,26.5s, eSP SP).

PAHR	comp=Z,6m,19.0s	126.81	35	PKIKP	09 58 31.4	0.0
ULM	Lac du Bonnet	126.82	10	PKP	09 58 30.0	-0.5
ULM	comp=Z,24m,0.8s,baz=345,slow=2.6,SNR=15	126.82	10	PKP	09 58 29.9	-0.5
ULM	Lac du Bonnet	126.82	10	PKP	09 58 29.9	-0.5
ULM	comp=Z,7m,20.0s			IAMS_20	10 59 33.8	
GLMT	Greycliff	126.92	37	PKP	09 58 30.4	-0.6
VNCR	Virginia City	126.94	35	PKP	09 58 31.5	+0.2
QNTM	Earthquake Lak	126.95	25	PKP	09 58 32.3	+0.6
YHL	Hobgen Lake	127.07	25	PKP	09 58 32.6	+0.6
PNTR	Pine Nut	127.10	36	PKP	09 58 31.8	+0.2
CMB	Columbia Colle	127.37	37	PKP	09 58 31.3	-0.6
CMB	comp=Z,2m,21.0s			MLR		
CMB	Columbia Colle	127.37	37	PKP	09 58 31.3	-0.6
YERR	Yerington	127.38	35	PKP	09 58 32.3	+0.2
YERR	IAMS_20			IAMS_20	11 01 12.2	
LAO	LASA Array	127.42	20	PKIKP	09 58 32.5	+0.1
LAO	LASA Array	127.42	20	PKP	09 58 32.4	+0.1
LAO	comp=Z,3m,20.0s			IAMS_20	10 59 32.0	
SAO	San Andreas Ge	127.48	39	IAMS_20	IAMS_20	
SAO	comp=Z,4m,21.0s			IAMS_20	10 59 33.2	
WAKR	Walker	127.58	36	PKIKP	09 58 32.9	+0.2
RLMT	Red Lodge	127.63	23	PKIKP	09 58 33.0	+0.0
RLMT	baz=326					
RLMT	Red Lodge	127.63	23	PKP	09 58 33.3	+0.3
H17A	Grant Village	127.69	25	PKIKP	09 58 34.7	+1.5
H17A	baz=324					
H17A	Grant Village	127.69	25	PKP	09 58 34.5	+1.3
CHGC	Chibougama	127.78	353	PKP	09 58 32.1	-0.2
FLWY	Flagg Ranch	127.89	25	PKIKP	09 58 33.3	-0.2
FLWY	IAMS_20			IAMS_20	11 03 29.9	
IMW	Indian Meadow	127.94	25	PKP	09 58 33.4	+0.2
IMW	comp=Z,5m,19.0s			IAMS_20	10 58 00.3	
KVN	Kaisererville	127.99	35	IAMS_20	IAMS_20	
RN	Ryan	128.03	35	PKIKP	09 58 33.7	-0.2
RYW	Fox Creek	128.11	26	PKP	09 58 34.2	+0.1
TPAW	Trent Pass	128.26	26	PKP	09 58 34.0	+0.2
NVAR	Mina Array Bea	128.29	35	PKP	09 58 34.0	+0.1
NVAR	comp=Z,3.9m,0.8s,baz=216,slow=2.3,SNR=26					
MDND	Maddock	128.31	14	PKP	09 58 33.6	+0.2
MDND	baz=339					
MDND	Maddock	128.31	14	PKP	09 58 33.2	-0.2
MDND	IAMS_20			IAMS_20	11 02 01.3	
ELK	Elko	128.34	31	PKP	09 58 34.6	0.0
ELK	comp=Z,3.4m,0.7s,baz=293,slow=3.1,SNR=13					
ELK	Elko	128.34	31	PKP	10 00 40.1	+2.4
ELK	comp=Z,5.5m,0.9s,baz=302,slow=5.8,SNR=31					
ELK	Elko	128.34	31	PKP	09 58 34.8	+0.2
ELK	IAMS_20			IAMS_20	11 03 06.2	
SNOW	Snow King Mtn	128.37	26	PKP	09 58 33.8	-0.1
DEVPS	Devils Postpil	128.37	37	IAMS_20	IAMS_20	
DEVPS	comp=Z,16m,20.0s					
REDW	Red Top Meadow	128.41	26	PKP	09 58 33.9	-0.1
OMMB	Old Mammoth Mi	128.43	37	IAMS_20	IAMS_20	
OMMB	comp=Z,4m,22.0s					
AGMN	Agassiz Nation	128.70	11	PKP	09 58 33.1	-1.0
AGMN	IAMS_20			IAMS_20	11 01 27.5	
AHID	Auburn Hatcher	128.78	26	PKP	09 58 34.3	+0.4
LSQA	Lebel-sur-Quev	128.90	355	PKP	09 58 34.6	+0.1
B3Q	Bob, Littlefor	129.01	9	PKP	09 58 34.1	-0.6
GBN	Guyaborough	129.09	341	IAMS_20	IAMS_20	
E28A	Huff	129.21	16	PKP	09 58 35.3	+0.1
E28A	comp=Z,6m,19.0s			IAMS_20	11 06 43.2	
BW06	Boulder Array	129.45	25	PKP	09 58 36.3	+0.3
BW06	baz=325					
BW06	Boulder Array	129.45	25	PKP	09 58 35.2	-0.8
BW06	IAMS_20			IAMS_20	11 04 20.0	
PD31	Pinedale Array	129.45	25	PKP	09 58 34.8	-1.2
PDAR	Pinedale Array	129.45	25	PKP	09 58 36.3	+0.2
PDAR	comp=Z,3.5m,0.6s,baz=214,slow=0.8,SNR=16					
PDAR	Pinedale Array	129.45	25	PKP	10 00 43.2	-1.5
HWUT	Hardware Ranch	129.48	28	PKP	09 58 35.7	-0.4
HWUT	comp=Z,2.9m,0.9s,baz=339,slow=3.0,SNR=36					
D32A	Dogwood Acres	129.57	12	IAMS_20	IAMS_20	
D32A	comp=Z,6m,20.0s					
D62A	Allapoint, All	129.62	348	IAMS_20	IAMS_20	
D62A	comp=Z,4m,22.0s					
LMN	Caledonia Moun	129.71	343	IAMS_20	IAMS_20	
LMN	comp=Z,5m,21.0s					
EYMN	Ely	129.74	7	PKP	09 58 36.3	+0.2
EYMN	baz=349					
EYMN	Ely	129.74	7	PKP	09 58 35.5	-0.6
EYMN	IAMS_20			IAMS_20	11 02 05.8	
CWC	Cottonwood Cre	129.76	37	PKP	09 58 36.8	+0.1
PQI	Presque Isle	129.78	347	IAMS_20	IAMS_20	
PQI	comp=Z,5m,20.0s					
VLD0	Val d'Or	129.88	355	PKP	09 58 36.5	+0.2
VLD0	IAMS_20			IAMS_20	11 03 25.3	
R11A	Troy Canyon, C	129.88	33	PKP	09 58 37.3	+0.3
R11A	baz=316,SNR=14					
DUG	Dugway, Tooele	129.97	30	PKIKP	09 58 37.8	0.0
DUG	Dugway, Tooele	129.97	30	PKIKP	09 58 38.1	+0.4
DUG	baz=328					
DUG	Dugway, Tooele	129.97	30	PKP	09 58 37.8	0.0
DUG	IAMS_20			IAMS_20	11 05 56.4	
LATQ	La Tuque	130.03	351	PKP	09 58 36.0	-0.7
ISA	Isabella, Lake	130.03	38	IAMS_20	IAMS_20	
ISA	comp=Z,3m,22.0s					
E62A	Oxbow	130.11	347	IAMS_20	IAMS_20	
E62A	comp=Z,4m,20.0s					
E63A	Clayton Lake	130.16	348	IAMS_20	IAMS_20	
E63A	comp=Z,5m,20.0s					
D58A	Chemin du Lac	130.32	351	PKP	09 58 36.5	-0.7
JLU	Jordanville	130.32	28	PKP	09 58 37.5	-0.2
MPMC	Manual Prospe	130.37	37	PKP	09 58 39.5	+0.7
RSSD	Black Hills	130.41	20	PKIKP	09 58 40.1	+1.5
RSSD	baz=312					
RSSD	Black Hills	130.41	20	IAMS_20	IAMS_20	
RSSD	comp=Z,6m,19.0s					
HAL	Halifax	130.45	342	IAMS_20	IAMS_20	
TPNV	Toppan Spring	130.49	35	PKP	09 58 35.5	-2.6
E61A	Lac Etchemin	130.54	349	PKP	09 58 37.7	0.0
E61A	baz=314					
D57A	Chemin Vers le	130.55	352	PKP	09 58 37.8	+0.1
OSI	Ostio Audit: C	130.55	39	IAMS_20	IAMS_20	
OSI	comp=Z,3m,22.0s					
F64A	Sherman	130.62	346	PKIKP	09 58 39.6	+0.9
F64A	baz=19					
F64A	Sherman	130.62	346	IAMS_20	IAMS_20	
D56A	ZEC Mazanza, M	130.64	353	PKIKP	09 58 38.4	+0.3
D54A	Lac Fusel, La	130.76	354	PKP	09 58 37.6	-0.5
D54A	baz=8.3					
D55A	Sainte-Anne-du	130.76	353	PKP	09 58 38.7	-0.2
K22A	Casper	130.78	23	PKIKP	09 58 39.8	+0.5
K22A	baz=328					
K22A	Casper	130.78	23	PKP	09 58 37.7	-0.7
K22A	IAMS_20			IAMS_20	11 01 15.1	
EDW2	Edwards Air Fo	130.84	39	PKIKP	09 58 40.0	+0.5
D53A	Lac Vacive, Po	130.92	355	PKP	09 58 38.7	+0.2
D53A	baz=7.0					
D53A	Lac Vacive, Po	130.92	355	PKP	09 58 38.6	+0.2
D53A	IAMS_20			IAMS_20	11 06 07.4	
D41A	Chassel	130.93	5	PKP	09 58 38.7	+0.3
F63A	Nahmakanta, Br	130.94	347	IAMS_20	IAMS_20	
F62A	Phitche Farm	130.95	348	IAMS_20	IAMS_20	
F62A	comp=Z,5m,20.0s					
F33A	5 Mile Ranch	130.96	12	PKP	09 58 37.9	-0.6
F33A	IAMS_20			IAMS_20	11 05 12.4	
D50A	G1974 Best Tow	130.98	357	PKP	09 58 38.1	-0.3
D50A	baz=4.2					
D51A	Lot 18 Range I	131.03	357	PKP	09 58 38.6	0.0
D48A	Paushani Townsh	131.04	359	PKP	09 58 38.3	-0.3
D48A	baz=1.6					
E38A	The Farm, Brul	131.04	8	IAMS_20	IAMS_20	
E38A	comp=Z,6m,20.0s					
G65A	Princeton	131.05	346	IAMS_20	IAMS_20	
D52A	ZEK Kipawa Sen	131.08	356	PKP	09 58 38.8	+0.2
D52A	baz=6.0					
E58A	La Victoria	131.09	351	PKP	09 58 39.1	+0.4
E58A	baz=13					
E58A	St. Veronique	131.17	353	PKP	09 58 39.3	+0.4
E58A	baz=11					
D47A	Chapleau	131.17	0	PKP	09 58 37.7	-1.2
E57A	Chemin Saint G	131.18	352	PKP	09 58 39.1	+0.2
E57A	baz=12					
RDMU	Red Mountain	131.22	27	PKIKP	09 58 39.9	-0.5
MWC	Mount Wilson	131.22	39	IAMS_20	IAMS_20	
MWC	comp=Z,4m,20.0s					
F60A	Warwick	131.26	350	PKP	09 58 39.3	+0.3
F60A	baz=15					
RWWY	Rawlins	131.32	24	PKP	09 58 39.6	-0.1
RWWY	comp=Z,4m,21.0s			IAMS_20	11 04 46.5	
D46A	Sault St. Mari	131.33	1	PKP	09 58 39.4	+0.2
D46A	baz=359					
SHPR	Sheep Range	131.43	35	IAMS_20	IAMS_20	
SHPR	comp=Z,4m,20.0s					
F36A	Milaca	131.47	10	PKP	09 58 40.9	-0.4
EMMW	East Machias	131.48	345	IAMS_20	IAMS_20	
E54A	Lac Duplat, Po	131.52	355	PKP	09 58 39.3	-0.2
E54A	comp=Z,3m,18.0s					
E51A	G1948 Merrick	131.59	357	PKP	09 58 39.0	-0.7
E51A	baz=4.0					
E53A	Dumoine, Ponti	131.62	355	PKP	09 58 39.7	0.0
E53A	baz=7.1					
SUSD	Miller	131.65	15	IAMS_20	IAMS_20	
SUSD	comp=Z,6m,21.0s					
G62A	West of Eustis	131.71	348	IAMS_20	IAMS_20	
G62A	comp=Z,5m,19.0s					
E43A	Lone Tree Farm	131.73	4	PKP	09 58 40.2	+0.3
E43A	comp=Z,5m,19.0s			IAMS_20	11 06 11.5	
E48A	Lockeier	131.74	359	PKP	09 58 39.7	-0.2
E48A	baz=1.1					
E50A	Wahnapitac	131.76	358	PKP	09 58 40.0	0.0
E50A	baz=3.0					
E47A	Iron Bridge	131.77	0	PKP	09 58 37.9	-2.1
E47A	baz=360					
E52A	Mattawa	131.79	356	PKP	09 58 39.4	-0.6
E52A	comp=Z,5m,20.0s					
COWI	Conover	131.81	6	PKIKP	09 58 41.0	-0.2
COWI	IAMS_20			IAMS_20	11 04 29.1	
E46A	St. Marie	131.85	1	PKP	09 58 40.6	+0.5
ALGO	Algonquin Park	132.07	355	PKP	09 58 38.8	-1.7
ALGO	baz=6.6					
O20A	White River Ci	132.17	26	PKP	09 58 41.4	+0.2
O20A	baz=325,SNR=17					
O20A	White River Ci	132.17	26	IAMS_20	IAMS_20	
O20A	comp=Z,6m,20.0s					
MURC	Murrieta	132.18	39			

5d 9h

N59A	State Game Lan	136.80	352	IAMS_20	IAMS_20	11 09 06.0
N41A	Harden Midland	136.92	9	IAMS_20	IAMS_20	11 04 52.1
TUC	Tucson	136.95	35	PKIKP	PKIKP	09 58 52.4 +0.4
TUC	Tucson	136.95	35	IAMS_20	IAMS_20	11 07 51.6
N58A	Sunbury	137.00	353	P	PKPdf	09 58 48.8 -1.1
N58A	Sunbury	137.00	353	IAMS_20	IAMS_20	11 12 02.6
N56A	West Decatur	137.09	355	P	PKPdf	09 58 50.1 -0.1
ES4R	Angra dos Reis	137.13	238	eP	PKIKP	09 58 53.4 +0.9
NS4A	Moraine State	137.18	357	P	PKPdf	09 58 49.0 -1.3
NS4A	Moraine State	137.18	357	IAMS_20	IAMS_20	11 08 42.8
N57A	Mitroy	137.18	354	P	PKPdf	09 58 50.7 +0.4
ANMO	Albuquerque	137.21	29	PKP	PKPdf	09 58 51.6 +0.8
ANMO	Albuquerque	137.21	29	IAMS_20	IAMS_20	11 02 23.8 +2.1
ANMO	Albuquerque	137.21	29	PKP	PKPdf	09 58 50.3 -0.5
ANMO	Albuquerque	137.21	29	IAMS_20	IAMS_20	11 03 22.3 +0.6
R32A	Long Quarter	137.28	18	IAMS_20	IAMS_20	11 10 48.8
N49A	Columbus Grove	137.29	1	IAMS_20	IAMS_20	09 58 50.4 -0.1
N49A	Columbus Grove	137.29	1	IAMS_20	IAMS_20	11 06 22.8
SSPA	Standing Stone	137.33	354	P	PKPdf	09 58 50.6 0.0
SSPA	Standing Stone	137.33	354	IAMS_20	IAMS_20	09 58 50.9 +0.3
O60A	Telford	137.33	351	P	PKIKP	09 58 51.9 -0.5
N53A	Lisbon	137.37	358	P	PKIKP	09 58 51.7 -0.9
N53A	Lisbon	137.37	358	IAMS_20	IAMS_20	09 58 51.2 +0.5
N52A	McGinn's Farm	137.40	358	P	PKIKP	09 58 51.7 -0.9
O59A	Robeson	137.45	352	P	PKIKP	09 58 52.0 -0.8
P38A	Dawn	137.50	12	IAMS_20	IAMS_20	11 07 07.3
PAGS	Pennsylvania G	137.60	353	IAMS_20	IAMS_20	11 03 12.2
Y22D	IRIS PASSCALI	137.68	30	IAMS_20	IAMS_20	11 09 40.5
SFIN	Lafayette	137.69	5	P	PKIKP	09 58 52.5 -0.7
SFIN	Lafayette	137.69	5	IAMS_20	IAMS_20	09 58 51.9 +0.7
PSUB	Penn St. - Bra	137.72	351	IAMS_20	IAMS_20	11 09 46.4
O58A	Lewisberry	137.73	353	P	PKPdf	09 58 51.0 -0.4
O58A	Blue Knob Stat	137.76	355	P	PKPdf	09 58 52.1 +0.7
O56A	Blue Knob Stat	137.76	355	IAMS_20	IAMS_20	09 58 50.3 -1.2
MVLS	Millersville	137.78	352	IAMS_20	IAMS_20	11 12 30.9
O44A	Mansfield	137.78	6	IAMS_20	IAMS_20	09 58 50.9 -0.6
P60A	Greenville	137.86	351	IAMS_20	IAMS_20	11 09 59.2
P61A	Hammonton	137.87	351	IAMS_20	IAMS_20	11 08 25.3
O55A	Ligon	137.88	356	P	PKIKP	09 58 53.1 -0.5
O48A	Farmland	137.93	2	P	PKPdf	09 58 51.9 +0.2
O53A	New Philadelphia	137.94	358	P	PKPdf	09 58 52.3 +0.5
O54A	Avella	137.97	357	P	PKIKP	09 58 53.1 -0.7
ACSO	Alum Creek Sta	138.00	360	P	PKPdf	09 58 52.7 +0.9
O49A	Covington	138.02	1	IAMS_20	IAMS_20	09 58 51.0 -0.8
O51A	Pataksala	138.08	360	P	PKPdf	09 58 52.7 +0.7
O52A	Adamsville	138.10	359	P	PKPdf	09 58 52.7 +0.7
P43A	Skaggs, Pawnee	138.16	8	IAMS_20	IAMS_20	11 06 22.8
P59A	Jarrettsville	138.17	352	P	PKIKP	09 58 53.6 -0.6
B5CB	Bom Sucesso	138.19	240	eP	PKIKP	09 58 55.9 +1.0
P58A	Pank, Wackersv	138.40	353	P	PKPdf	09 58 53.5 +1.0
SDMD	Cooker's Dell	138.42	353	IAMS_20	IAMS_20	11 12 04.9
121A	Cookes Peak, D	138.45	32	IAMS_20	IAMS_20	11 10 60.0
MWCW	Mont Chateau	138.46	356	IAMS_20	IAMS_20	11 10 19.9
P57A	Homestead Farm	138.48	354	P	PKPdf	09 58 53.2 +0.5
P56A	Dayton Farm, R	138.54	355	P	PKIKP	09 58 54.3 -0.7
P54A	Burton	138.56	357	P	PKPdf	09 58 52.7 -0.2
P52A	Corning	138.58	359	P	PKPdf	09 58 52.5 -0.4
P52A	Corning	138.58	359	IAMS_20	IAMS_20	09 58 51.9 -1.0
P55A	Reedsville	138.61	356	P	PKPdf	09 58 51.9 -1.1
LL01	San Ignacio de	138.66	192	PKPdf	PKPdf	09 58 51.9 -1.1
P49A	Miami Univ. Ec	138.66	2	IAMS_20	IAMS_20	11 09 22.0
Q60A	Greensboro	138.69	351	IAMS_20	IAMS_20	11 09 09.0
P53A	Whipple	138.71	358	P	PKPdf	09 58 50.1 -3.1
P51A	Williamsport	138.74	0	P	PKPdf	09 58 50.7 -2.5
P51A	Williamsport	138.74	0	IAMS_20	IAMS_20	09 58 52.4 -0.8
O58A	Fox Den Farm,	138.99	354	P	PKPdf	09 58 51.6 -2.0
O56A	Snyder Ridge,	139.03	355	P	PKIKP	09 58 55.4 -0.6
O56A	Snyder Ridge,	139.03	355	IAMS_20	IAMS_20	11 13 35.9
R40A	Maddies Statio	139.03	11	IAMS_20	IAMS_20	11 07 53.0
SLM	Saint Louis	139.05	9	IAMS_20	IAMS_20	11 10 21.3
O55A	Buckhannon	139.14	356	P	PKPdf	09 58 54.8 +0.8
HSIG	comp=2.3um,20.0s	139.20	39	IAMS_20	IAMS_20	11 12 50.5
Q51A	Peebles	139.20	0	IAMS_20	IAMS_20	09 58 54.2 -0.8
OLIL	Oliny	139.22	6	IAMS_20	IAMS_20	11 08 10.9
VAO	Valinhos	139.25	236	eP	PKPdf	09 58 53.2 -1.5
SPB	Sao Paulo	139.28	335	IAMS_20	IAMS_20	10 50 03.1
SPB	Sao Paulo	139.28	335	IAMS_20	IAMS_20	09 58 57.4 +0.3
PLT	Pedras Altas	139.41	220	eP	PKIKP	09 58 55.6 +1.0
CCM	Cathedral Cave	139.45	10	IAMS_20	IAMS_20	11 09 57.0
JANB	Januar	139.65	249	eP	PKIKP	09 58 59.9 +1.9
R56A	Bull Pasture M	139.68	356	P	PKPdf	09 58 55.1 +0.1
MSTX	Muleshoe	139.71	26	P	PKPdf	09 58 50.6 -4.7
MSTX	Muleshoe	139.71	26	IAMS_20	IAMS_20	11 08 34.7
R57A	Stanardsville	139.71	355	P	PKPdf	09 58 49.8 -5.2
EPT	El Paso	139.72	32	IAMS_20	IAMS_20	11 11 57.5

PLCA	Paso Flores	139.80	195	PKHKP	PKPpre	09 58 50.2
PLCA	Paso Flores	139.80	195	SKIKP	SKIKP	10 02 30.6 -0.9
PLCA	Paso Flores	139.80	195	PKIKP	PKIKP	10 08 18.9 -2.7
PLCA	Paso Flores	139.80	195	PKPdf	PKPdf	09 58 54.0 -1.2
PLCA	Paso Flores	139.80	195	PKPdf	PKPdf	09 58 52.6 -2.6
TJ01	Guarava-PR	139.83	232	eP	PKIKP	09 58 56.0 +0.3
R53A	Hurricane	139.88	359	P	PKPdf	09 58 49.5 -5.9
WCI	Wyandotte Cave	139.88	4	P	PKPdf	09 58 49.3 -6.0
R58B	Mineral	139.97	354	P	PKPdf	09 58 52.6 -2.8
R58B	Mineral	139.97	354	IAMS_20	IAMS_20	11 09 09.2
R54A	Victor	140.00	357	P	PKPdf	09 58 50.1 -5.4
OK029	Liberty Lake	140.08	18	IAMS_20	IAMS_20	11 04 21.1
MGMO	Mountain Grove	140.13	12	IAMS_20	IAMS_20	11 09 28.2
S57A	Dark Hollow, R	140.28	355	P	PKIKP	09 58 57.4 -1.2
OK025	Westminster Rd	140.32	18	IAMS_20	IAMS_20	11 08 57.3
S58A	Poland Farm, P	140.34	354	P	PKIKP	09 58 57.5 -1.2
S58A	Poland Farm, P	140.34	354	IAMS_20	IAMS_20	11 13 16.6
MNTX	Cornudas Mount	140.36	31	P	PKPdf	09 58 53.1 -3.4
S55A	Lewisburg	140.38	357	P	PKPdf	09 58 51.0 -5.3
S54A	Dingess, Beckl	140.39	358	P	PKPdf	09 58 50.5 -5.9
S54A	Dingess, Beckl	140.39	358	IAMS_20	IAMS_20	11 10 21.8
OKCFA	Oklahoma City	140.43	19	IAMS_20	IAMS_20	11 12 28.4
S53A	Williamson	140.53	359	P	PKPdf	09 58 50.9 -5.7
S51A	Beattyville	140.58	1	IAMS_20	IAMS_20	11 08 05.8
WM0R	Wichita Mounta	140.60	21	IAMS_20	IAMS_20	11 09 48.0
T60A	Surry	140.64	352	IAMS_20	IAMS_20	11 10 31.7
U40A	Yellville	140.78	13	P	PKPdf	09 58 52.5 -4.5
U40A	Yellville	140.78	13	IAMS_20	IAMS_20	11 11 18.3
T59A	Double 'B' Far	140.92	353	IAMS_20	IAMS_20	11 09 42.9
BLA	Blackburg	140.94	357	P	PKPdf	09 58 57.7 +0.3
HENM	Henderson Moun	141.04	8	PKPdf	PKPdf	09 58 58.6 +1.1
HENM	Henderson Moun	141.04	8	IAMS_20	IAMS_20	11 09 07.1
T55A	Pulaski	141.05	357	P	PKPdf	09 58 54.3 -3.2
T47A	Sharon Grove	141.05	5	IAMS_20	IAMS_20	11 07 44.2
T58A	Grand View Acr	141.05	354	P	PKPdf	09 58 51.1 -6.3
T57A	Hurt	141.06	355	P	PKPdf	09 58 52.5 -5.0
T56A	Road Mt	141.09	356	P	PKPdf	09 58 54.1 -3.5
ROSB	Rosario	141.11	268	eP	PKIKP	09 59 04.8 +3.9
T42A	Tazewell	141.14	358	P	PKPdf	09 58 54.2 -3.6
FRTB	Fartura	141.23	234	eP	PKIKP	09 59 01.1 +0.1
T53A	Wise	141.24	359	P	PKPdf	09 58 51.9 -6.0
HICK	Hickman	141.25	8	IAMS_20	IAMS_20	11 11 37.5
PENMO	Penman	141.28	9	IAMS_20	IAMS_20	11 08 13.4
BB19B	Beddoudo	141.39	238	eP	PKIKP	09 59 02.3 +1.0
U61A	Pebsum Corner	141.40	351	IAMS_20	IAMS_20	11 13 22.7
LCAR	Lake Charles	141.40	11	IAMS_20	IAMS_20	11 11 35.6
U58A	Oxford	141.60	354	P	PKPdf	09 58 55.1 -3.4
U49A	Red Boiling Sp	141.62	4	IAMS_20	IAMS_20	11 11 04.4
U57A	Blanch	141.63	355	P	PKPdf	09 58 55.8 -2.7
BBSR	BB Station	141.67	335	IAMS_20	IAMS_20	11 15 34.4
TZTN	Tazewell	141.67	1	P	PKPdf	09 58 53.3 -5.3
TZTN	Tazewell	141.67	1	IAMS_20	IAMS_20	11 08 59.8
W37A	Magazine	141.68	14	P	PKIKP	09 58 49.7 -9.0
U54A	Nelsons Funny	141.68	358	IAMS_20	IAMS_20	11 13 32.0
U56A	King	141.79	357	P	PKPdf	09 58 54.8 -4.1
LVVT	Waverly	141.83	6	P	PKPdf	09 58 54.2 -4.7
WC01	Cunco	141.86	194	IAMS_20	IAMS_20	10 50 07.9
V61A	Roper	141.95	351	IAMS_20	IAMS_20	11 13 32.2
W41B	Garfield Mavity, V	142.05	12	P	PKPdf	09 58 54.0 -5.3
V60A	Jim Taylor Roa	142.07	352	IAMS_20	IAMS_20	11 13 25.4
ABTX	Ablene, Hawle	142.17	23	P	PKPdf	09 58 56.4 -3.3
V59A	Middlesex	142.19	354	P	PKPdf	09 58 58.1 -1.4
V57A	Coltrane Farms	142.21	356	P	PKPdf	09 58 55.8 -3.8
V58A	Windy Hill, Pi	142.25	355	P	PKPdf	09 58 56.3 -3.3
V58A	Windy Hill, Pi	142.25	355	IAMS_20	IAMS_20	09 58 58.2 -1.4
IPMB	Ipamore, GO	142.31	243	eP	PKIKP	09 59 02.5 -0.8
V48A	Smith Brothers	142.31	5	IAMS_20	IAMS_20	11 12 25.5

Table with columns: PB11, IPOC Station P, 1.38, 48, I/P, Pg, 11 01 11.8 -0.6, Sg, 11 01 30.5 +0.2, 11 01 34.2. Includes various station names like IPOC Station P, Chuzmiza, Minye Minye, etc.

Table with columns: H1N1, WAKE ISLAND Hy26.17 280 T, T, 13 39 02.4. Includes various station names like ZALV, NIL, MKAR, USRK, MJAR, SONM, LZH, etc.

Table with columns: ATH 05 12:02:58.1, 34.79N-24.88E, h16km, 5km, ML2.5/3, Error. Includes various station names like SIVA, SIVA, SIVA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THRS, FETY, AYDA, TAVA, URLA, AKAS, AKAS, GOLH.

NEIC 05 12:57:44.1.3.21.33S:0.04:68.86W:0.08, h127km, 6km, Error ellipse: s-maj=11.1km s-min=3.7km az=112.0

IDC 05 12:57:45.4.1.1.21.33S:68.54W, h116km, 14km, mb3.5/3, mb1 3.7/5, mb1mx3.4/27, mbtmp3.9/5, Error ellipse: s-maj=31.6km s-min=19.0km az=133.0

GUC 05 12:57:45.5.0.6.21.33S:68.80W, h120km, 3km, ML3.6

ISC 05 12:57:43.8.0.8.21.31S:0.04:68.86W:0.07, h135km, 7km, n55, c148/74, mb3.8/4.14C, Chile-Bolivia border region

Main table for 5d 14h section, listing station codes, names, and coordinates. Includes stations like IPOC, Limon Verde, Diego Aracena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WMGZ, WMGZ, RUGZ, RUGZ, Puketiti, Urewera, Matawai, etc.

ATH 05 13:28:33.5.37.21N:20.79E, h26km, 1km, ML3.3/5, Error ellipse: s-maj=2.8km s-min=1.1km az=37.0

THE 05 13:28:34.8.37.25N:20.82E, h6km, ML3.5/10, Error ellipse: s-maj=1.8km s-min=0.6km az=49.0

ISC 05 13:28:34.6.1.4.37.25N:0.05:20.84E:0.04, h15km, 9km, n55, c0671175, Ionian Sea

Main table for 2014 JUL section, listing station codes, names, and coordinates. Includes stations like KERI, ZAK2, ZAK2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, ASAR, KSR5, MKAR, etc.

IDC 05 14:11:52.1.1.7.3.02N:128.45E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.4/44, mbtmp3.8/5, MS3.1/1, Ms1 3.1/1, ms1mx2.3/42, Error ellipse: s-maj=106.0km s-min=19.2km az=71.0, North of Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FITZ, WRA, ASAR, KLR, MKAR, KURBB, etc.

JMA 05 14:20:19.1.0.2.28.65N:140.12E, h505km, 4km, M3.9 IDC 05 14:20:20.2.1.28.52N:139.37E, h464km, 13km, mb3.1/13, mb1 3.2/16, mb1mx3.0/47, mbtmp3.9/16, Error ellipse: s-maj=20.8km s-min=11.3km az=86.0

ISC 05 14:20:19.6.0.7.28.55N:10.07:139.3E:0.11, h448km, n33, c1190/47, mb3.5/13, Bonin Islands region

Main table for IDC 05 14:20 section, listing station codes, names, and coordinates. Includes stations like CBIJ, JHU, JHU, etc.

IDC 05 14:58:19.8.6.2.18.73S:177.88W, h510km, 65km, mb3.1/7, mb1 3.4/7, mb1mx3.0/42, mbtmp4.0/7, Error ellipse: s-maj=56.5km s-min=25.3km az=153.0

ISC 05 14:58:23.7.1.4.18.8S:0.4:178.0W:0.2, h557km, n14, c057/14, mb3.6/7, Fiji Islands region

Main table for IDC 05 14:58 section, listing station codes, names, and coordinates. Includes stations like CTA, WRA, ASAR, etc.

JMA 05 13:29:30.6.0.2.29.36N:141.88E, h54km, M3.9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBIJ, CBIJ, JHU, etc.

IDC 05 13:45:39.4.1.3.435N:125.92E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/35, mbtmp3.5/4, Error ellipse: s-maj=94.3km s-min=22.8km az=76.0, Talaud Islands

BGR 05 14:59:30.9.0.0.36.83N:142.03E, h33km, mb5.1 BUJ 05 14:59:30.3.0.0.37.32N:141.82E, h34km, mb4.8/37, mb4.8/66, mb4.1/41, Ms1.4.0/32 MOS 05 14:59:30.5.1.1.37.38N:141.83E, h25km, mb5.1/52, MS4.1/10, Error ellipse: s-maj=6.5km s-min=3.9km az=113.1 NIED 05 14:59:33.4.37.36N:141.74E, h44km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N; Mn:0.61; Mw:0.13; Ms:0.48; Mo:0.47; Mw:0.31; Mw:0.64; Fault plane solution: Mo:1.0100x10^16 Np1:0.35, 000000, 071.000000, 1.94.000000. NP2:0.20, 000000, 020.000000, 1.79.000000. NEIC 05 14:59:33.9.1.1.37.34N:0.07:141.7E:0.1, h37km, 6km, mb4.9/43, Error ellipse: s-maj=12.7km s-min=8.7km

5d 14h

2014 JUL

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like TNSS, DANN, KUUV, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like LPSR, Galich'ya Gora, FIA1, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like BRG, Berggiesshubel, CLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nuku Hiva Isla, Tubuai, Lajitas Array, etc.

DJA 05 15:05:06.9-0.9, S 6.1, h2km, mb4.2/13, Sumbawa region

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

NEIC 05 15:10:05.2-1.7, 21.2S, 0.3:173.4E:0.2, h10km, mb4.5/6, Error ellipse: s-maj=61.9km s-min=19.1km

GCMT 05 15:07.2-0.2, 21.03S:173.90E:0.1, h17km, 1km, MW5.0/106, Moment Tensor Solution, s39, c48, s106, c157, Duration: 0. Moment tensor: Scale 10^16Nm; Mn=0.45t, 15; Mw=2.69t, 12; Mm=3.14t, 13; Mo=0.66t, 32; Mw=2.89t, 12; Mw=0.97t, 31; Best double couple: Lambda=28000*10^16, NP1=293.00000, delta=0.00000, Azm249.00000; N -0.2730, Plg73.00000, Azms0.00000; P -4.1420, Plg15.00000; Azm156.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=90s. Triangular moment-rate function

ISC 05 15:10:05.2-1.7, 21.2S, 0.3:173.4E:0.2, h10km, n36, c184/16, mb4.1/11, MS4.0/21, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nonsavt, Mont Dumazac, Honiara, Rarotonga, etc.

KBZ Khabaz 133.78 310 PKP PKPdf 15 29 22.2 -0.2
GERES GERES Array B 148.45 334 PKPbc PKPbc 15 29 53.6 +1.5

IDC 05 15:11:06.2-4.9, 61.142S:154.09E, h0km, mb4.0/3, mb1 4.1/4, mb1mx3.9/31, mbtmp3.9/4, ML3.5/1, MS3.5/2, Ms1 3.4/2, ms1mx3.1/22, Error ellipse: s-maj=349.6km s-min=38.2km az=76.0, Bailley Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vanda, STKA, MAW, H01W1, etc.

NEIC 05 15:43:49.3:3.0, 11.1S:0.2:164.9E:0.1, h10km, mb4.3/8, Error ellipse: s-maj=32.1km s-min=15.7km az=39.0

IDC 05 15:43:49.8:9.10'61S:165.20E, h41km, mb3.6/9, mb1 4.1/6, mb1mx3.6/31, mbtmp4.2/6, ML4.0/2, MS3.2/4, Ms1 3.2/4, ms1mx3.2/30, Error ellipse: s-maj=126.1km s-min=25.4km az=38.0

ISC 05 15:43:53.4:2.5, 11.1S:0.3:164.9E:0.2, h31km, n17, c124/16, mb4.2/6, Santa Cruz Islands region

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

IDC 05 15:45:28.4:4.9, 29.68N:32.1E, h6km, mb3.6/7, mb1 3.7/10, mb1mx3.5/44, mbtmp3.6/10, ML3.4/3, MS3.9/1, Ms1 3.8/1, ms1mx2.4/37, Error ellipse: s-maj=92.5km s-min=15.4km az=16.0

SGS 05 15:45:32.29.54N:32.15E, h6km, Ml3.6, HLW 05 15:45:33.1, 29.68N:32.21E, h28km, Md3.3, Gll 05 15:45:33.0:0.0, 29.68N:32.54E, h1km, mb4.0/1, MD3.7/4, Mm3.4/3

ISC 05 15:45:32.9:0.9, 29.73N:0.0:32.23E:0.03, h31km, g8km, n3, c071/99, mb3.6/7, Egypt

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

EIL Eliat 2.37 91 Pn Pn 15 46 09.3 -0.2
EIL Haqs 2.44 106 P S Sn 15 46 37.4 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Haqs, Aqaba, Mount Harif, Paron, etc.

GEM Giv'at Ha'Em 4.54 39 Pn Pn 15 46 39.9 +0.5

RCY Rachaya 4.85 38 eP Pn 15 46 44.6 +0.8

QDR Deir Qamar 4.88 35 eP Pn 15 46 45.2 +1.0

AKUR Kurkur 5.83 175 P S Sn 15 46 55.7 -1.5

SWAZ 5.93 267 P Pn 15 46 58.6 +0.1

NSKD NSKD 6.05 179 P Pn 15 46 59.9 -0.3

BRNS Bernies 6.09 164 P Pn 15 47 01.0 +0.2

AWKL West Kalabsha 6.28 178 P Pn 15 47 03.4 0.0

AWAL West Alisa 6.33 177 P Pn 15 47 04.0 -0.1

MABD Mabel 6.73 179 P Pn 15 47 09.6 0.0

HMSM Jabal Masmas 6.83 183 P Pn 15 47 10.8 -0.2

AKES Matin Array Be 21.07 355 P P 15 50 14.3 0.0

FINES FINES Array B 31.98 354 P P 15 51 55.6 -0.2

ARCES ARCESS Array B 40.03 356 P P 15 53 04.8 +0.3

ZALV Zanevno Beam 44.73 42 P P 15 53 42.5 -0.6

BOSA Boshof 58.40 187 LR LR 16 18 50.1

IDC 05 15:45:51.4:6.2, 13.67S:72.17W, h70km, 59km, mb3.3/2, mb1 3.5/4, mb1mx3.3/31, mbtmp3.6/4, ML3.5/2, Error ellipse: s-maj=141.8km s-min=44.8km az=35.0, Central Peru

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

MAN 05 15:47:41.0, 7.78N:126.70E, h87km, MS3.5/6D, Mindanao

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

PRU 05 15:55:03.5:0.0, 51.48N:16.08E, h0km, IDC 05 15:55:04.1:1.3, 51.43N:16.13E, h0km, mb1 3.2/4, mb1mx3.0/43, mbtmp3.1/4, ML2.6/4, Error ellipse: s-maj=17.9km s-min=11.9km az=117.0

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

WEL 05 15:58:36.5, 0.3, 3.3'S, 20.17'9W, 2.8, h382km, 28km, M4.2/9, mb4.2/1, ML4.3/9, MLV4.2/9, Mw(mb)3.3/1, South of Kermadec Islands

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

DJA 05 16:00:21.3, 0.1, 1.4'N, 4.9'E, h18km, 5km, M4.2/11, mb4.3/4, MLV4.2/11, NEIC 05 16:00:22.6, 1.3, 1.3'N, 0.1, 9.7'E, 0.1, h29km, 7km, mb4.3/4, Error ellipse: s-maj=20.5km s-min=9.5km az=51.0

ISC 05 16:00:22.3, 0.9, 1.32N, 97.08E, h24km, 4km, mb4.0/13, mb1.4/0.5, mb1mx3.8/46, mbtmp4.1/15, ML3.6/2, MS3.4/7, Ms1.3/4.7, ms1mx3.0/39, Error ellipse: s-maj=22.3km s-min=15.2km az=57.0

ISC 05 16:00:22.4, 0.7, 1.35N, 0.07, 97.06E, 0.07, h28km, n49, 6.950/49, mb4.3/19, MS3.6/5, Northern Sumatara

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

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

ISC 05 16:15:19.9, 9.4, 6.23S, 146.68E, h67km, 48km, mb3.3/5, mb1.3/5.7, mb1mx3.3/25, mbtmp3.6/7, ML2.6/2, Error ellipse: s-maj=36.8km s-min=32.2km az=117.0

ISC 05 16:15:21.1, 1.2, 6.25S, 0.1, 146.7E, 0.2, h78km, n9, 9.1948/10, mb3.7/5, Eastern New Guinea region

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

ISC 05 16:29:03.5, 3.5, 7.76N, 82.84W, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.6/30, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=19.5km s-min=32.0km az=34.0

NEIC 05 16:29:03.9, 3.0, 7.4N, 82.83W, 0.10, h10km, 2km, mb4.1/1, Error ellipse: s-maj=27.4km s-min=13.0km az=203.0

UCR 05 16:29:07.2, 1.8, 7.78N, 82.95W, h5km, mb4.1(NEIC) UPA 05 16:29:07.1, 3, 7.81N, 82.72W, h20km, 10km, MW4.5

ISC 05 16:29:05.1, 1.8, 7.73N, 0.06, 82.75W, 0.04, h5km, n10km, n59, 9.1916/89, mb3.7/4, 1C-9D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Bartolo, Loma Colorado, David, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Heredia, El Valle, Cocl, Zanguanga, Cho, etc.

ISC 05 16:43:11.6, 1.5, 1.74N, 96.80E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.5/43, mbtmp3.6/6, ML3.3/2, MS2.9/1, Ms1.3/1.1, ms1mx2.4/45, Error ellipse: s-maj=48.9km s-min=20.7km az=53.0

DJA 05 16:43:14.7, 1.0, 2.7'N, 6.9'E, h26km, 11km, M3.7/10, mb3.9/3, MLN3.8/10

ISC 05 16:43:15.1, 1.2, 1.8N, 0.1, 96.8E, 0.1, h28km, n20, 9.1837/17, mb3.6/5, Off west coast of northern Sumatara

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

ISC 05 16:52:19.2, 18.0, 22.17S, 174.61W, h0km, mb4.3/5, mb1.4/4.5, mb1mx3.9/48, mbtmp4.3/5, Error ellipse: s-maj=34.2km s-min=14.2km az=79.0

NEIC 05 16:52:19.2, 23.1, 5.0, 3.17S, 175.0W, 0.2, h45km, 10km, mb4.5/17, Error ellipse: s-maj=42.8km s-min=17.0km az=144.0

ISC 05 16:52:26.4, 1.5, 23.1S, 0.3, 174.9W, 0.2, h30km, n23, 9.157/22, mb4.5/13, Tonga Islands region

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

ANF 05 16:59:33.0, 0.1, 34.27N, 117.02W, h12km, 1km, M4.9/46, Error ellipse: s-maj=1.2km s-min=1.1km az=80.0

az=125.0
 PAS 05 16:59:34.1+1.2,34:280N,0:010:117:03W,0.01,
 h9km,4km,Mw4.6,mb4.5/19(NEIC),Error ellipse:
 s-maj=1.5km s-min=1.3km az=159.0
 IDC 05 16:59:34.9+1.1,34:20N,116:94W,h11km,qkm,mb3.7/3,
 mb1.4,1/10,mb1mx3.7/43,mbtmp3.8/10,ML=0.6,MS3.8/14,
 Ms1.3/14,ms1mx3.6/36,Error ellipse: s-maj=19.6km
 s-min=6.2km az=62.0
 NEIC 05 16:59:34.1,34:28N,117:03W,h8km,Moment Tensor
 Solution. Moment tensor: Scale 10¹⁹Nm, Mrr=-2.02,
 Mtt=7.30, Mss=9.32, Mnr=2.59, Mns=2.88, Mnt=0.01,
 Fault plane solution: M0=34000*10¹⁵, NPl=307.41, T00^o,
 377.01000^o, A=163.48000^o. NP2=213.50000^o,
 673.91000^o, A=13.50000^o. Principal axes: T: 9.8209,
 Plg2.0000^o, Azm80.0000^o; N: -1.0601, Plg6.0000^o,
 Azm345.0000^o; P: -8.7608, Plg21.0000^o, Azm171.0000^o;
 SCEDC 05 16:59:34.1,34:28N,117:03W,h9km
 ISC 05 16:59:33.7+0.7,34:29N,0:010:117:03W,0.01,h15km,4km,
 n244,σ1924/300,mb4.4/9,MS4.0/11,Southern California

Code	Station Name	A°	AZ°	Phase ID	Time	Res
BTRL	Butler Peak	0.04	104	Op	ISC	16 59 53.1
BBRC	Big Bear Solar	0.10	104	P	Pg	16 59 53.1
BBRC	baz=281			S	Pg	16 59 38.3
BBRC	Big Bear Solar	0.10	104	Pg	Pg	16 59 38.2
SVD	Seven Oaks Dam	0.19	197	Pg	Pg	16 59 37.6
HLNC	Highland	0.23	223	Pg	Pg	16 59 38.6
HLNC	Crafton Hills	0.26	195	Pg	Pg	16 59 42.1
CFT	Cedar Springs	0.27	273	Pg	Pg	16 59 39.3
CSP	Central Fire S	0.28	229	Pg	Pg	16 59 39.6
CLTC	Calteiric	0.30	231	Pg	Pg	16 59 40.2
CLTC	CLTC			Pg	Pg	16 59 45.2
BBSC	Beaumont Base	0.37	173	Pg	Pg	16 59 41.1
VTV	Victorville	0.37	318	Pg	Pg	16 59 41.0
VTV	Fontana	0.39	241	Pg	Pg	16 59 47.1
FOF	San Sevaine	0.40	259	Pg	Pg	16 59 47.0
RSBC	Riverside Bore	0.40	218	Pg	Pg	16 59 41.5
RSBC	Riverside Bore	0.40	218	Pg	Pg	16 59 41.6
RSBC	Riverside Bore	0.40	218	Pg	Pg	16 59 47.2
PEC	Perris	0.41	195	Pg	Pg	16 59 41.6
PEC	Perris	0.41	195	Pg	Pg	16 59 47.2
RVR	Riverside	0.41	224	Pg	Pg	16 59 41.6
RVR	Riverside	0.41	224	Pg	Pg	16 59 47.2
ADO	Adelanto Recei	0.42	309	Pg	Pg	16 59 42.3
ADO	Adelanto Recei	0.42	309	Pg	Pg	16 59 48.8
DEVC	Devers	0.51	133	Pg	Pg	16 59 43.1
BFSC	Mount Baldy Ra	0.52	265	P	Pg	16 59 43.6
BFSC	Mount Baldy Ra	0.52	265	S	Sg	16 59 51.2
BFSC	mount Baldy Ra	0.52	265	Pg	Pg	16 59 43.8
BFSC	mount Baldy Ra	0.52	265	Pg	Pg	16 59 51.5
MLSC	Mira Loma	0.52	238	Pg	Pg	16 59 43.8
MLSC	Mira Loma	0.52	238	Pg	Pg	16 59 50.8
SME	Santa Rosa Min	0.53	210	Pg	Pg	16 59 43.8
SSK	Sunset Peak	0.55	262	Pg	Pg	16 59 44.5
BLAC	Blackrock camp	0.58	112	Pg	Pg	16 59 49.9
BLAC	Blackrock camp	0.58	112	Pg	Pg	16 59 52.7
HMTC	Hemet	0.58	178	Pg	Pg	16 59 44.6
HMTC	Hemet	0.58	178	Pg	Pg	16 59 52.5
RRX	Edison Barstow	0.59	3	P	Pg	16 59 45.0
RRX	Edison Barstow	0.59	3	S	Sg	16 59 53.7
RRX	Edison Barstow	0.59	3	Pg	Pg	16 59 45.2
CRNC	Corona	0.60	227	Pg	Pg	16 59 45.0
POB	Polly Butte	0.60	171	Pg	Pg	16 59 45.2
POB	Polly Butte	0.60	171	Pg	Pg	16 59 53.6
CHNC	Chino	0.61	242	Pg	Pg	16 59 45.4
EW2	E Wide Canyon	0.62	123	Pg	Pg	16 59 45.5
EW2	E Wide Canyon	0.62	123	Pg	Pg	16 59 54.0
DGR	Domenigoni Val	0.64	178	Pg	Pg	16 59 45.6
DGR	Domenigoni Val	0.64	178	Pg	Pg	16 59 54.0
PSRC	Puddingstone R	0.67	253	Pg	Pg	16 59 46.6
BACC	Bachelor Mtn.	0.67	181	Pg	Pg	16 59 46.1
FLSC	Flash Two Peak	0.68	360	Pg	Pg	16 59 46.8
GVA	Garner Valley	0.68	154	Pg	Pg	16 59 46.7
XT	Crystal Lake	0.69	271	Pg	Pg	16 59 46.9
MURC	Murrieta	0.70	191	P	Pg	16 59 46.5
MURC	Murrieta	0.70	191	S	Sg	16 59 55.9
MURC	Murrieta	0.70	191	Pg	Pg	16 59 46.7
PEM	Pine Mountain	0.70	261	Pg	Pg	16 59 47.1
ELS	Elsinore Mount	0.72	207	Pg	Pg	16 59 47.0
HYS	Haystack Butte	0.73	323	Pg	Pg	16 59 47.6
CRY	Cary Ranch	0.76	161	Pg	Pg	16 59 49.0
CRY	Cary Ranch	0.76	161	Pg	Pg	16 59 57.9
SBB	Saddle Back Bu	0.77	302	Pg	Pg	16 59 48.2
SBB	Saddle Back Bu	0.77	302	Pg	Pg	16 59 58.6
JNH	Juniper Hills	0.78	282	Pg	Pg	16 59 48.4
HEC	Hector,Ludlow	0.79	47	P	Pg	16 59 48.5
HEC	Hector,Ludlow	0.79	47	S	Sg	16 59 59.6
HEC	Hector,Ludlow	0.79	47	Pg	Pg	16 59 48.7
DNR	Dunn Ranch,Anz	0.79	155	Pg	Pg	16 59 48.6
SND	Santa Rosa Pla	0.81	154	Pg	Pg	16 59 49.0
CHFC	Chilo Flat St	0.82	274	Pg	Pg	16 59 49.1
PFO	Pinyon Flats O	0.82	145	Pg	Pg	16 59 49.0
PFO	Pinyon Flats O	0.82	145	Lg	Lg	16 59 59.4
PFO	Pinyon Flats O	0.82	145	P	Pg	16 59 48.8
PFO	Pinyon Flats O	0.82	145	S	Sg	16 59 59.4
PFO	Pinyon Flats O	0.82	145	Pg	Pg	16 59 49.2
XPFO	Pion Flat	0.83	144	Pg	Pg	16 59 49.1
XPFO	Pion Flat	0.83	144	Pg	Pg	16 59 49.0
TPFO	Pion Flats	0.83	145	P	Pg	16 59 48.9
TPFO	Pion Flats	0.83	145	S	Sg	16 59 59.6
I57US	PINON FLAT INF	0.83	144	Pg	Pg	16 59 49.3
I57US	Pinon Flat	0.84	144	Lg	Lg	16 59 59.9
TPC	Twentynine Pal	0.83	102	Pg	Pg	16 59 49.4
PMD	Palm Desert	0.84	139	Pg	Pg	16 59 49.1
FULC	Fullerton	0.85	241	Pg	Pg	16 59 50.4
SZNA	Suzz Ners Pla	0.85	159	Pg	Pg	16 59 49.7
MWC	Mount Wilson	0.85	266	Pg	Pg	16 59 49.7
LRRC	Littlerock Res	0.86	286	Pg	Pg	16 59 49.8
LRRC	Littlerock Res	0.86	286	Pg	Pg	16 59 49.9
RHC	Rose Hills Cem	0.86	251	Pg	Pg	16 59 50.2
FRD	Ford Ranch, An	0.87	155	Pg	Pg	16 59 50.0
FRD	Ford Ranch, An	0.87	155	Pg	Pg	16 59 51.2
BELC	Belle Mtn. Jos	0.90	108	P	Pg	16 59 50.3
BELC	Belle Mtn. Jos	0.90	108	S	Sg	17 00 03.3
BELC	Belle Mtn. Jos	0.90	108	Pg	Pg	16 59 50.8
CACC	Catech Cellar	0.92	261	Pg	Pg	16 59 50.8
SANC	Santa Ana	0.92	231	Pg	Pg	16 59 51.4
BVRC	Barre Substati	0.92	239	Pg	Pg	16 59 51.8
GREK	Garvey Reservor	0.93	259	Pg	Pg	16 59 51.3
PLM	Palomar	0.94	171	Pg	Pg	16 59 51.2
CJV	Casa Juvan	0.95	285	Pg	Pg	16 59 51.4
PASC	Pasadena Art C	0.96	263	Pg	Pg	16 59 51.5
DLAC	Del Armo	0.98	244	Pg	Pg	16 59 53.1
EDW2	Edwards Air Fo	0.99	307	P	Pg	16 59 52.2
EDW2	Edwards Air Fo	0.99	307	S	Sb	17 00 05.4
EDW2	Edwards Air Fo	0.99	307	Pg	Pg	16 59 52.2
GSC	Goldstone, Bar	1.03	10	P	Pb	16 59 52.9
GSC	Goldstone, Bar	1.03	10	S	Sb	17 00 07.0
GSC	Goldstone, Bar	1.03	10	Pb	Pb	16 59 53.1

GR2C	Griffith Obs.	1.06	281	Pb	Pb	16 59 53.1
WT2T	Watts, South G	1.07	252	Pg	Pg	16 59 54.5
CTCC	Cactus City	1.07	126	Pg	Pg	16 59 53.6
DECC	Green Verdugo	1.08	269	P	Pb	16 59 53.9
DECC	baz=88, SNR=1000			S	Sn	17 00 09.1
DECC	baz=88			Pb	Pb	16 59 53.8
DECC	Green Verdugo	1.08	269	Pb	Pb	16 59 54.2
FOXC	Fort Airport	1.09	295	Pb	Pb	16 59 54.2
HLLC	North Hollywood	1.10	265	Pb	Pb	16 59 54.0
LEOC	Leons Valley	1.11	289	Pb	Pb	16 59 54.1
ALPC	Antelope	1.12	291	Pb	Pb	16 59 54.5
IR2C	Iron Canyon	1.14	276	Pb	Pb	16 59 54.4
BORC	Borrego Spring	1.14	153	Pb	Pb	16 59 54.7
BHPC	Baldwin Hills	1.14	255	Pb	Pb	16 59 55.5
GORC	Green Oak Franc	1.14	188	Pb	Pb	16 59 54.0
DSSC	Desert Studies	1.15	42	Pb	Pb	16 59 54.9
TPO	Tropico Hills	1.15	301	Pb	Pb	16 59 55.2
CCAC	La Cienga, Cu	1.15	256	Pb	Pb	16 59 55.7
CCAC	Calif City Air	1.19	217	Pb	Pb	16 59 55.9
DJF	Donna J Jenkin	1.19	252	P	Pb	16 59 55.7
FMP	Fort Macarthur	1.19	242	P	Pb	16 59 55.4
FMP	baz=61			S	Sb	17 00 11.3
GMRC	Granite Mounta	1.24	66	P	Pb	16 59 56.0
GMRC	baz=246, SNR=1000			S	Sb	17 00 12.9
GMRC	baz=246			S	Sb	17 00 15.9
DPP	Dos Picos City	1.29	177	P	Pb	16 59 56.3
LRMC	Laurel Mtn Rad	1.30	336	P	Pb	16 59 57.5
LRMC	baz=156, SNR=1000			S	Sb	17 00 15.2
LRMC	baz=156			Pb	Pb	16 59 57.5
LRMC	Laurel Mtn Rad	1.30	336	P	Pb	16 59 57.5
109C	Camp Elliot, M	1.40	183	P	Pb	16 59 58.3
109C	baz=2.6, SNR=960			S	Sn	17 00 16.4
OSI	Osito Audit: C	1.44	284	P	Pb	16 59 59.8
OSI	Camp Macarthur	1.44	284	P	Pb	16 59 59.8
OSI	baz=103, SNR=756			S	Sg	17 00 20.5
OSI	baz=103			Pb	Pb	16 59 59.8
OSI	Osito Audit: C	1.44	284	P	Pb	16 59 59.1
CIS	Catalina Islan	1.45	233	P	Pb	16 59 59.1
CIS	baz=52, SNR=648			S	Sb	17 00 18.9
BC3	Big Chuckwall	1.46	115	P	Pb	16 59 59.4
BC3	baz=296, SNR=1000			S	Sn	17 00 18.8
TUQ	Turquoise Moun	1.47	38	Pn	Pb	16 59 59.4
TUQ	baz=218, SNR=1000			Pg	Pb	17 00 01.4
TUQ	baz=218			S	Sb	17 00 20.3
MONP2	Monument Peak	1.48	160	P	Pb	17 00 03.3
MONP2	baz=340, SNR=1000			S	Sn	17 00 19.5
IRM	Iron Mountain	1.57	94	Pn	Pb	17 00 00.3
IRM	baz=275, SNR=1000			Pg	Pb	17 00 22.7

Triangular moment-rate function

ISC 05 17:30:47.0, 4.0, 22.59S, 0.08, 69.35E, 0.08, h10km, n141, c187/73, mb4.7/52, MS4.6/47, 7C-9D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like RODM Citronelle, H08S1 Diego Garcia, H08S2 Diego Garcia, etc.

Table with columns: STA, Az, Az', LR, LR. Lists stations like WHN Wuhan, VNSA Vanda, VNSA Vanda, etc.

comp=Z, 0.2nm, 0.6s, baz=108, slow=4.8, SNR=2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like IDC 05 17:39:45.0, MSAI Masohi, MSAI Masohi, etc.

5d 18h

ARG	Arkhangelos	0.85	107	P	Pb	18 12 12.8	+0.5
ARG				S	Sb	18 12 24.8	+1.2
ARG				AML	AML	18 12 26.7	
comp=N,390nm,0.4s							
ARG	Arkhangelos	0.85	107	PG	Pb	18 12 12.9	+0.5
ARG				SG	Sb	18 12 24.9	+1.3
MRSB	Marmaris-Mugla	0.90	73	PG	Pb	18 12 27.3	+0.3
KARP	Karpathos	0.91	178	P	Pg	18 12 12.4	-1.0
KARP				S	Sb	18 12 25.4	0.0
comp=E,398nm,0.6s							
KARP	Karpathos	0.91	178	P	Pg	18 12 13.3	0.0
KARP	Karpathos	0.91	178	PG	Pg	18 12 13.4	0.0
KARP				SG	Sg	18 12 25.7	+0.3
TURN	Turunc	0.96	71	PG	Pb	18 12 15.0	-3.9
TURN	Turunc	0.96	71	i/P	Pb	18 12 15.1	-3.9
TURN				S	Sb	18 12 29.0	-6.4
TURN				IAML	IAML	18 12 30.0	
comp=N,91nm,0.4s							
TURN				IAML	IAML	18 12 33.0	
comp=E,88nm,0.3s							
AMGA	Amorgos Island	1.05	291	P	Pb	18 12 15.6	-0.2
YER	Yerkesik	1.15	54	PN	Pb	18 12 18.3	+0.8
GCAM	G?zelcaml?	1.24	4	PN	Pg	18 12 18.6	-0.1
GCAM	G?zelcaml?	1.24	4	i/P	Pg	18 12 19.2	-0.3
SMG	Samos	1.26	350	P	Pb	18 12 17.2	-1.9
SMG				S	Sb	18 12 35.7	+0.1
comp=E,170nm,0.4s							
SMG	Samos	1.26	350	P	Pb	18 12 17.7	-1.3
SMG				S	Sb	18 12 35.2	-0.4
DALY	Dalyan (Mula)	1.28	74	PN	Pg	18 12 20.4	0.0
DALY	Dalyan (Mula)	1.28	74	i/P	Pg	18 12 21.0	+0.6
DALY				S	Sg	18 12 38.6	+1.5
DALY				IAML	IAML	18 12 45.0	
comp=E,33nm,0.9s							
DALY				IAML	IAML	18 12 46.0	
comp=N,78nm,1.1s							
AYDN	Tasoluk	1.34	27	i/P	Pg	18 12 21.8	+0.2
AYDN				S	Sg	18 12 41.6	+2.6
AYDN				IAML	IAML	18 12 42.0	
comp=N,31nm,0.4s							
THT2	Imerovigli	1.37	269	PN	Pg	18 12 22.5	+0.4
THR3	Thira Island	1.39	268	P	Pb	18 12 23.9	+0.2
THR6	Thira Island	1.39	266	P	Pb	18 12 21.2	-0.4
APE	Apeiranthos	1.41	296	P	Pb	18 12 20.0	-1.1
APE	Apeiranthos	1.41	296	P	Pg	18 12 21.9	0.0
APE	Apeiranthos	1.41	296	PN	Pb	18 12 22.9	0.0
FETY	Fethiye	1.59	83	PN	Pg	18 12 26.1	-0.2
FETY	Fethiye	1.59	83	i/P	Pg	18 12 26.5	+0.2
FETY				S	Sg	18 12 49.2	+2.3
DGB	zmir	1.60	353	i/P	Pb	18 12 22.8	-0.8
DGB				S	Sg	18 12 50.9	+3.7
DGB				IAML	IAML	18 12 55.0	
comp=N,35nm,0.9s							
DGB				IAML	IAML	18 12 55.0	
comp=E,37nm,1.0s							
AYDB	Zeytinokoy-Aydi	1.60	22	PN	Pg	18 12 26.3	-0.3
TAVA	DEMIZLI Tavas	1.75	55	i/P	Pg	18 12 29.8	+0.4
LAST	Lastithi	1.86	226	P	Pb	18 12 28.5	+1.2
URLA	Izmir	1.94	348	PN	Pb	18 12 29.9	-1.0
AKAS	Kas	2.02	96	PN	Pb	18 12 32.8	+0.5

JMA 05 18:16:22.8±0.1,24:26N±121.74E,h54km±1km,M2.3
 TAP 05 18:16:23.3±0.1,24:29N±121.73E,h48km,ML2.7, B
 ISC 05 18:16:23.3±0.1,24:29N±121.74E±0.02,h53km±5km,
 h105,±0.99/203,Taiwan

Code	Station Name	Δ ¹	AZ ²	Phase	ID	Time	Res
						ISC	h m s ISC
ENA	Nanau	0.14	2	P	Pn	18 16 31.7	+0.1
ENA				eS	Sn	18 16 38.2	+0.7
NACB	Ninganchiao	0.17	228	P	Pn	18 16 31.3	-0.4
NACB				S	Sn	18 16 37.3	-0.5
TWD	Chiawan	0.25	211	P	Pn	18 16 31.8	-0.4
TWD				S	Sn	18 16 38.1	-0.5
ETLH	Kiulin Townshi	0.25	250	P	Pn	18 16 32.1	-0.3
ETLH				S	Sn	18 16 37.9	-0.9
TWC	Suae	0.33	18	eP	Pn	18 16 33.5	+0.6
TWC				eS	Sn	18 16 41.5	+1.6
HWA	Hwallen	0.34	201	eP	Pn	18 16 32.7	-0.3
HWA				eS	Sn	18 16 41.0	+1.1
NNSB	Datong	0.35	293	P	Pn	18 16 33.2	-0.1
NNSB				S	Sn	18 16 40.0	-0.4
NNSH	Datong	0.35	293	P	Pn	18 16 33.1	-0.2
NNSH				eS	Sn	18 16 40.1	-0.3
NNS	Nan Shan	0.36	294	eP	Pn	18 16 33.3	-0.1
NNS				eS	Sn	18 16 40.3	-0.3
NDT	Datong Townshi	0.37	327	eP	Pn	18 16 33.4	+0.1
NDT				eS	Sn	18 16 40.8	+0.2
TWE	Neicheng	0.43	352	P	Pn	18 16 34.2	+0.2
TWE				eS	Sn	18 16 43.0	+1.4
WHF	Hehuan Shan	0.45	251	eP	Pn	18 16 34.5	-0.1
WHF				S	Sn	18 16 42.1	-0.7
ILA	Ilan	0.47	1	eP	Pn	18 16 34.5	+0.1
ILA				eS	Sn	18 16 42.6	+0.2
YHNB	Yeheng	0.50	319	P	Pn	18 16 34.9	0.0
YHNB				eS	Sn	18 16 43.6	+0.6
NWL	Wulai	0.53	336	P	Pn	18 16 35.1	0.0
NWL				eS	Sn	18 16 44.0	+0.4
TDCB	Techi	0.53	266	P	Pn	18 16 35.5	+0.3
TDCB				S	Sn	18 16 43.8	0.0
ESL	Shiin	0.55	210	eP	Pn	18 16 35.8	+0.4
ESL				eS	Sn	18 16 42.7	-1.3
CHGB	Renai	0.56	246	P	Pn	18 16 35.8	+0.1
CHGB				S	Sn	18 16 44.3	-0.3
NTC	Toucheng	0.57	9	P	Pn	18 16 36.3	+0.8
NTC				S	Sn	18 16 45.9	+1.5
EGS		0.58	18	eP	Pn	18 16 36.6	+0.9
EGS				eS	Sn	18 16 46.3	+1.7
EGFH	Guangfu	0.68	205	eP	Pn	18 16 36.8	-0.1
EGFH				eS	Sn	18 16 45.4	-1.4
TIPB	Shuangxi	0.68	7	eP	Pn	18 16 37.5	+0.5
TIPB				eS	Sn	18 16 47.9	+1.0
NHDH	Xindian Distri	0.70	344	P	Pn	18 16 37.0	-0.1
NHDH				eS	Sn	18 16 47.5	+0.3
TWA	Mucha	0.70	349	eP	Pn	18 16 37.0	-0.2

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TWA				eS	Sn	18 16 48.3	+1.0
WLTB	Daxi	0.71	322	eP	Pn	18 16 37.5	+0.2
WLTB				eS	Sn	18 16 48.4	+0.9
TATO	Taipei	0.72	342	eP	Pn	18 16 37.7	+0.3
TATO				eS	Sn	18 16 47.6	0.0
WHP	Taichung City	0.72	269	P	Pn	18 16 38.3	+0.7
WHP				eS	Sn	18 16 48.5	+0.7
LIOB	Emei	0.74	298	P	Pn	18 16 38.0	+0.3
LIOB				eS	Sn	18 16 49.5	+1.2
NSTT	Nanjuang	0.75	297	eP	Pn	18 16 38.0	+0.2
NSTT				eS	Sn	18 16 48.9	+0.5
TWB1	Santiao Chiao	0.75	18	P	Pn	18 16 38.5	+0.7
TWB1				S	Sn	18 16 49.8	+1.5
VWDT	VWDT	0.76	226	eP	Pn	18 16 38.0	+0.1
VWDT				eS	Sn	18 16 48.9	+0.3
TAP	Taipei	0.77	344	eP	Pn	18 16 37.8	-0.3
TAP				eS	Sn	18 16 50.0	+1.1
NWF	Wu-fen Shan	0.78	3	eP	Pn	18 16 38.5	+0.3
NWF				eS	Sn	18 16 50.9	+1.8
WFSB	Wu-fen Shan	0.78	3	P	Pn	18 16 38.5	+0.3
WFSB				eS	Sn	18 16 50.7	+1.7
DPDB	Guoxing	0.78	251	eP	Pn	18 16 38.6	+0.3
DPDB				eS	Sn	18 16 49.7	+0.5
NCU	National Centr	0.84	324	eP	Pn	18 16 39.0	0.0
NCU				eS	Sn	18 16 50.8	+0.3
NCU	Zhongli	0.84	323	eP	Pn	18 16 39.4	+0.4
NCU				eS	Sn	18 16 51.6	+1.1
HGSD	Ruisui	0.84	200	eP	Pn	18 16 39.2	+0.1
HGSD				eS	Sn	18 16 51.1	+0.5
SBCB	Hsinchu	0.85	306	eP	Pn	18 16 39.7	+0.6
TWS1	Kuangyinshan	0.86	340	eP	Pn	18 16 39.2	0.0
TWS1				eS	Sn	18 16 51.6	+0.7
HSN	Hsinchu	0.86	306	eP	Pn	18 16 39.2	0.0
HSN				eS	Sn	18 16 50.9	-0.1
YMO1	YMO1	0.86	350	eP	Pn	18 16 39.0	-0.4
YMO1				eS	Sn	18 16 51.0	-0.2
SMLT	Sun Moon Lake	0.87	242	P	Pn	18 16 40.6	+1.2
SMLT				eS	Sn	18 16 53.5	+2.3
EHY	Hungye	0.87	206	eP	Pn	18 16 39.0	-0.3
EHY				eS	Sn	18 16 49.1	-2.0
SSLB	Suanglung	0.87	235	P	Pn	18 16 40.5	+1.0
SSLB				S	Sn	18 16 52.2	+1.0
YM10	YM10	0.88	350	eP	Pn	18 16 39.0	-0.5
YM10				eS	Sn	18 16 50.5	-0.9
YMO4	YMO4	0.88	348	eP	Pn	18 16 39.0	-0.5
YMO4				eS	Sn	18 16 52.0	+0.6
YMO5	YMO5	0.88	350	P	Pn	18 16 38.9	-0.8
YMO5				eS	Sn	18 16 50.6	-1.0
YM11	YM11	0.88	350	eP	Pn	18 16 40.3	+0.7
YM11				eS	Sn	18 16 52.5	+0.9
NMLH	Miaoili	0.90	286	eP	Pn	18 16 40.0	+0.3
NMLH				eS	Sn	18 16 52.7	+0.9
YMO3	YMO3	0.90	349	eP	Pn	18 16 39.4	-0.5
YMO3				eS	Sn	18 16 51.7	-0.4
YMO8	YMO8	0.90	352	eP	Pn	18 16 38.9	-0.9
YMO8				eS	Sn	18 16 53.2	+1.2
NTST	Danshui	0.91	343	eP	Pn	18 16 40.6	+0.7
NTST							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDLM Remedios, Chir, R2R2 La Lucha 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 05 18:35:58.9-1.3, 2.90S, etc.

TEH 05 18:52:25.4, 37.08N; 50.54E, h14km, ML3.7
THR 05 18:52:25.7-0.9, 37.08N; 50.52E, h14km, ML3.6
ISC 05 18:52:26.5-1.1, 37.06N; 0.04-50.52E; 0.04, h10km, n56,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAO Ashitan, ASAO Shahrizad, YRD Yardiimi, etc.

ANF 05 19:05:45.3-0.1, 36.13N; 117.97W, h8km, 1km, ML3.0/28,
Error ellipse: s-maj=1.1km s-min=1.0km az=158.0
PAS 05 19:05:46.1-1.6, 36.13N; 0.01-117.97W; 0.02, h5km, 5km,

NEIC 05 19:05:46.1-1.6, 36.13N; 0.01-117.97W; 0.01, h1km, 6km,
Error ellipse: s-maj=1.6km s-min=1.3km az=149.0
SCEDC 05 19:05:46.1, 36.13N; 117.97W, h3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MFCs McCloud Flat S, JRJC Joshua Ridge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISA baz=41, ISA Isabella, Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VES Vestal, Richgr, TIN Tinemaha, Big, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHOC Shoshone, Teco, ARMX Amargosa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PASC Pasadena Art C, BBRC Big Bear Solar, PSMB Smith Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RYN Ryan, WAKR Walker, BELC Belle Mtn. Jos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BAR Barrett, Y12C Glythe, LCMT Little Creek M, etc.

DDA 05 19:18:17.8, 36.90N; 27.63E, h7km, 3km, ML1.0
ISC 05 19:18:07.7-1.1, 36.45N; 0.03-27.09E; 0.04, h19km, 3km,

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

NEIC 05 19:32:18.0-1.8, 6.68S; 0.08-147.4E; 0.1, h64km, 8km,
mb4.3/20, Error ellipse: s-maj=17.2km s-min=11.2km
az=72.0

IDC 05 19:32:17.8-1.9, 6.61S; 147.47E, h64km, 19km, mb3.7/8,
mb1.3/9.1/2, mb1mx3.6/44, mbtmp4.0/12, MS3.4/13,

DJA 05 19:32:23.0-0.8, 7.56S; 147.7E, h63km, 9km, M4.4/8,
mb4.2/8, mb4.6/1, MLV4.5/3, Mw(mB)3.8/1

ISC 05 19:32:18.0-0.7, 6.64S; 0.06-147.42E; 0.09, h63km, n44,
o593/40, mb4.1/14, Eastern New Guinea region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

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

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

ATH 05 19:18:07.7, 36.47N; 27.08E, h18km, 4km, ML3.0/1, Error
ellipse: s-maj=4.3km s-min=1.2km az=16.0
THE 05 19:18:08.6, 36.48N; 27.07E, h11km, 3km, ML2.5/2, Error
ellipse: s-maj=4.0km s-min=0.9km az=349.0

CJJC	Chichijima	15.03 183	Pn	Pn	20 26 24.4	-0.5
CJJC	comp=Z,93nm,1.1s		I	Amb	20 26 40.3	
ZEA	Zeya	15.62 323	eP	Pn	20 26 31.8	-0.4
ZEA	Zeya	15.62 323	eP	Pn	20 26 32.4	+0.2
ZEA	comp=Z,15nm,0.8s					
ZEA	comp=E,300nm,14.0s					
ZEA	comp=Z,400nm,14.0s					
ZEA	comp=N,200nm,10.0s					
BMKR	Bomnak	15.64 328	eP	Pn	20 26 31.7	-0.8
KROS	Kirovskiy	16.21 325	eP	Pn	20 26 38.6	-1.1
DL2	Dalian	16.54 266	P	P	20 26 44.4	-1.3
DL2			S	S	20 27 06.1	+0.9
DL2			S	Pmax	20 29 50.1	-5.4
DL2	comp=N,29nm,0.9s					
HIA	Hailar	17.67 302	P	Pn	20 26 56.9	-1.0
HIA	comp=Z,18nm,1.0s					
MA2	Magadan	17.67 302	P	Pn	20 26 56.9	-1.0
MA2	Magadan	18.11 13	P	P	20 27 01.3	-1.5
MA2	Magadan	18.11 13	eP	P	20 35 34.0	
MA2	Magadan	18.11 13	eP	P	20 35 34.0	
MA2	Magadan	18.11 13	eP	P	20 27 02.5	-0.3
MA2	Magadan	18.11 13	eP	P	20 27 03.0	+0.1
BJJ	Beijing	20.27 273	P	Pmax	20 27 25.2	-1.4
BJJ	comp=Z,19nm,1.0s					
BJJ	comp=Z,230nm,14.7s					
BJJ	comp=Z,88nm,21.3s					
BJT	Baijituau	20.29 273	P	Pmax	20 27 25.3	-1.5
BJT	comp=Z,15nm,0.8s					
TIA	Tai'an	20.85 262	P	Pmax	20 27 25.3	-1.5
TIA	comp=Z,37nm,0.7s					
YAK	Yakutsk	21.43 343	P	P	20 27 35.3	-3.6
YAK	comp=Z,25nm,0.7s,baz=106,slow=0.5,SNR=24					
YAK	comp=Z,111nm,20.9s,baz=158,slow=38					
YAK	Yakutsk	21.43 343	eP	P	20 27 35.1	-3.8
YAK			eS	S	20 31 27.8	-5.5
YAK			eSS	Sn	20 31 41.5	-2.5
YAK			eSS	SnSn	20 31 49.2	-1.1
YAK			e		20 39 00.3	
YAK	comp=Z,39nm,0.9s					
YAK	comp=N,11nm,0.9s					
YAK	comp=E,5.0nm,0.9s					
YAK	comp=N,56nm,1.6s					
YAK	comp=Z,134nm,21.0s					
YAK	comp=N,90nm,26.0s					
YAK	comp=E,64nm,19.0s					
YAK	Yakutsk	21.43 343	P	I	20 27 35.7	-3.2
YAK	comp=Z,46nm,0.8s					
BOD	Bodaibo	24.08 321	eP	P	20 28 03.6	-2.1
BOD	comp=Z,7.0nm,0.8s					
TATO	Taipei	24.66 233	P	P	20 28 11.3	+0.1
YHNB	Yeheng	24.96 232	P	P	20 28 13.2	-0.9
YHNB	comp=Z,34nm,0.7s					
WHN	Wuhan	25.68 252	iP	Pmax	20 28 21.0	+0.6
WHN	comp=Z,42nm,0.7s					
ULN	Ulaanbaatar	25.86 295	eP	P	20 28 22.0	-0.2
ULN	Ulaanbaatar	25.86 295	P	P	20 28 22.0	-0.2
ULN	comp=Z,17nm,1.0s					
ULN	Ulaanbaatar	25.86 295	P	I	20 28 22.0	-0.2
ULN	comp=Z,17nm,1.0s					
SSLB	Suanguiling	25.88 232	P	P	20 28 21.2	-1.2
YULB	Yu-yi	25.99 231	P	P	20 28 23.1	-0.2
SONM	Songino Array	26.31 295	P	P	20 28 26.0	-0.2
SONM	comp=Z,15nm,0.8s,baz=77,slow=8.5,SNR=75					
SONM	comp=Z,1.4nm,0.6s,baz=104,slow=1.0,SNR=3.7					
TPUB	Ta-pu	26.45 232	P	I	20 28 26.5	-1.0
TPUB	comp=Z,9.9nm,0.7s					
XAN	Xi'an	27.85 264	P	Pmax	20 28 41.6	+1.6
XAN	comp=Z,13nm,0.5s					
XAN	comp=Z,97nm,5.4s					
XAN	Xi'an	27.85 264	P	Pmax	20 28 40.8	+0.8
XAN	comp=Z,9.0nm,0.5s					
XAN	Xi'an	27.85 264	P	I	20 28 40.8	+0.8
XAN	comp=Z,8.9nm,0.5s					
IRK	Irkutsk	27.85 305	eP	P	20 28 39.6	-0.3
IRK	Irkutsk	27.85 305	eP	P	20 28 39.6	-0.3
IRK	comp=Z,33nm,1.0s					
TLY	Talaya	28.19 303	P	P	20 28 43.3	+0.4
TLY	comp=Z,20nm,0.6s,baz=30,slow=22,SNR=14					
TLY	Talaya	28.19 303	eP	P	20 28 43.1	+0.1
TLY	Talaya	28.19 303	eP	P	20 28 43.0	+0.1
TLY	comp=Z,67nm,0.7s					
TLY	comp=Z,433nm,14.0s					
TLY	Talaya	28.19 303	P	I	20 28 43.3	+0.4
ZAK	Zakamensk	28.36 301	eP	P	20 28 44.2	-0.3
ZAK	Zakamensk	28.36 301	eP	P	20 28 44.2	-0.3
ZAK	comp=Z,9.0nm,0.9s					
GUMO	Guam	28.51 176	LR	LR	20 38 54.3	
BILL	Bilibino	28.79 18	eP	P	20 28 48.3	+0.3
BILL	Bilibino	28.79 18	eP	P	20 28 48.3	+0.3
BILL			i	S	20 29 42.6	
BILL			i	S	20 31 56.9	
BILL	comp=Z,2.0nm,0.9s					
ENH	Enshi	29.32 257	P	I	20 28 52.0	-1.1
ENH	comp=Z,73nm,16.0s					
MOY	Mondy	29.84 303	eP	Pmax	20 28 57.8	+0.2
MOY	comp=Z,34nm,2.6s					
H11N2	WAKE ISLAND Hy 30.16 130		T	T	21 00 34.0	
H11N1	WAKE ISLAND Hy 30.17 131		T	T	21 00 33.7	
H11N3	WAKE ISLAND Hy 31.03 130		T	T	21 00 35.3	
TIXI	Tiksi	30.39 351	P	Pmax	20 29 00.4	-1.7
TIXI	comp=Z,3.0nm,1.1s					
H11S1	WAKE ISLAND Hy 31.03 132		T	T	21 01 42.8	
H11S3	WAKE ISLAND Hy 31.03 132		T	T	21 01 41.0	
H11S2	WAKE ISLAND Hy 31.05 132		T	T	21 01 42.8	

GTA	Gaotai	32.54 280	iP	P	20 29 21.9	+0.4
GTA			pP	pP	20 29 36.1	+0.2
GTA			sP	sP	20 29 45.2	+2.5
GTA			PcP	PcP	20 32 08.3	+1.4
GTA	comp=Z,22nm,0.9s					
GTA	comp=Z,120nm,5.9s					
GTA	comp=Z,110nm,16.2s					
GTA	comp=Z,120nm,17.0s					
GTA	comp=Z,170nm,16.6s					
SPIA	Saint Paul Is	33.06 47	P	I	20 29 26.4	+0.7
SPIA			I	Amb	20 29 34.8	
CD2	Chengdu	33.18 263	eP	P	20 29 28.2	+1.1
GYA	Guiyang	33.54 254	iP	P	20 29 30.3	0.0
GYA	comp=Z,12nm,0.6s					
KRAR	Krasnoyarsk	34.80 311	eP	P	20 29 40.8	0.0
KMI	Kunming	37.16 256	eP	P	20 30 02.1	+0.5
KMI			pP	pP	20 30 18.9	+3.0
KMI	comp=Z,23nm,0.9s					
KMI	comp=Z,130nm,4.0s					
KMI	Kunming	37.16 256	P	Pmax	20 30 01.6	+0.1
KMI	comp=Z,21nm,1.0s					
KMI	Kunming	37.16 256	P	P	20 30 01.6	+0.1
SLVN	Son La	38.73 250	P	I	20 30 15.1	+0.5
SLVN			I	Amb	20 30 17.7	
NRIK	Nori'sk	39.20 332	P	P	20 30 16.4	-1.6
NRIK	comp=Z,2.4nm,0.3s,baz=109,slow=8.7,SNR=4.1					
NRIK	comp=Z,142nm,21.0s,baz=73,slow=38					
NRIK	Nori'sk	39.20 332	eP	P	20 30 17.1	-0.9
ZAAO	Zalesovo Array	39.53 308	P	P	20 30 20.7	-0.2
ZALV	Zalesovo Beam	39.53 308	P	P	20 30 20.6	-0.3
ZALV	comp=Z,39nm,0.8s,baz=86,slow=7.6,SNR=107					
WMQ	Urumqi	39.83 292	P	Pmax	20 32 27.9	+0.6
WMQ	comp=Z,6.4nm,0.6s,baz=98,slow=2.9,SNR=7.9					
WMQ	Urumqi	39.83 292	P	Pmax	20 30 23.6	0.0
WMQ	comp=Z,17nm,1.0s					
WMQ	Urumqi	39.83 292	P	I	20 30 23.6	0.0
ZSN	Zaisan	40.73 298	iP	P	20 30 31.5	+0.5
ZSN	comp=Z,6.2nm,0.9s,baz=296					
ZSN	Zaisan	40.73 298	iP	Pmax	20 30 31.5	+0.5
ZSN	comp=Z,6.0nm,0.9s					
SWVZ	Sparrevohn	40.80 41	P	P	20 30 31.9	+0.6
CHIR	Chirikof Is	41.17 49	P	P	20 30 34.5	+0.2
PPLA	Purkeypile	42.34 38	P	I	20 30 45.4	+1.4
PPLA			I	Amb	20 31 00.7	
DLV	T Lat	42.49 235	P	I	20 31 42.7	+1.3
DLV	comp=Z,26nm,1.2s					
KDAK	Kodiak Island	42.58 46	P	P	20 30 45.6	-0.2
KDAK	comp=Z,4.9nm,0.4s,baz=322,slow=2.5,SNR=26					
KDAK	Kodiak Island	42.58 46	P	P	20 32 38.4	+1.2
KDAK	comp=Z,5.2nm,0.7s,baz=259,slow=2.2,SNR=28					
KDAK	Kodiak Island	42.58 46	P	Pmax	20 30 46.0	+0.2
KDAK	comp=Z,15nm,1.1s					
KDAK	Kodiak Island	42.58 46	P	I	20 30 46.0	+0.2
KDAK	comp=Z,11nm,1.1s					
MK31	Makanchi Array	42.61 298	P	P	20 30 46.3	0.0
MK31	comp=Z,16nm,0.9s					
MK31	Makanchi Array	42.61 298	P	I	20 30 47.3	
MK31	comp=Z,16nm,0.9s					
MKAR	Makanchi Array	42.61 298	P	P	20 30 46.3	0.0
MKAR	comp=Z,16nm,0.8s,baz=63,slow=9.6,SNR=100					
MKAR	comp=Z,5.8nm,0.9s,baz=61,slow=1.8,SNR=5.3					
SKT	Skwentna	42.70 39	P	P	20 30 47.2	+0.4
MAKZ	Makanchi	42.81 298	P	Pmax	20 30 48.1	+0.2
MAKZ	comp=Z,19nm,0.9s					
MAKZ	Makanchi	42.81 298	P	I	20 30 48.1	+0.2
MAKZ	comp=Z,19nm,0.9s					
BPBW	Bear Paw Mtn	42.84 36	P	P	20 30 48.7	+0.8
SEM	Semipalatinsk	42.95 303	iP	P	20 30 48.6	-0.7
SEM	comp=Z,6.6nm,0.8s,baz=303					
SEM	Semipalatinsk	42.95 303	iP	Pmax	20 30 48.5	-0.7
SEM	comp=Z,7.0nm,0.8s					
CNPM	China Pool	43.06 43	P	P	20 30 50.2	+0.5
SUA	Susitna One	43.11 40	P	P	20 30 50.2	-0.1
LSA	Lhasa	43.15 271	P	Pmax	20 30 52.2	+0.8
LSA	comp=Z,6.0nm,0.8s					
LSA	Lhasa	43.15 271	P	P	20 30 52.2	+0.8
CHTO	Chiang Mai	43.88 252	P	Pmax	20 30 57.9	+1.1
CHTO	comp=Z,17nm,0.7s					
CHTO	Chiang Mai	43.88 252	P	I	20 30 57.9	+1.1
KURK	Kurchatov	43.88 304	eP	P	20 30 56.3	-0.1
KURK	Kurchatov	43.88 304	eP	P	20 30 56.4	-0.1
KURK	comp=Z,33nm,0.8s					
GHO	Glory Hole Cre	43.94 39	P	I	20 30 57.4	+0.5
GHO	comp=Z,9.3nm,0.8s					
KURBB	Kurchatov Arr	43.96 304	P	P	20 30 56.4	-0.7
KURBB	comp=Z,32nm,0.7s,baz=76,slow=8.8,SNR=155					
KURBB	comp=Z,2.5nm,0.6s,baz=85,slow=3.1,SNR=3.7					
PBKT	Sadao Pong	43.99 248	P	I	20 30 58.7	+1.1
PBKT	comp=Z,8.1nm,0.8s					
WRH	Wood River Hill	44.08 36	P	P	20 30 58.4	+0.5
CM31	Chiang Mai Arr	44.12 251	P	I	20 30 59.4	+0.7
CMAR	Chiang Mai Arr	44.12 251	P	P	20 30 59.9	+1.1
CMAR	comp=Z,7.7nm,0.7s,baz=44,slow=7.6,SNR=55					
CMAR	comp=Z,93nm,19.0s,baz=70,slow=37					
CCB	Clear Creek Bu	44.19 35	P	P	20 30 59.5	+0.8
IL31	Ilar	44.58 35	P	P	20 31 01.9	+0.1
ILAR	Eielson Array	44.58 35	P	P	20 31 02.1	+0.3
ILAR	comp=Z,3.0nm,0.8s,baz=266,slow=6.5,SNR=23					
SHL	Shilling	44.85 265				

5d 20h

Table with columns: DZA, Taraz, 51.27 297c, iP, P, 20 31 54.0 +0.1, etc. Includes stations like KARATAY Array, SVESVERDLOVSK, IUGLUZHNEY, etc.

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Table with columns: SUMG Summit, 65.57 0 P, P, 20 33 34.0 +0.5, etc. Includes stations like DIDER FARM, NEWPORT, VORDDIVONGORIE, etc.

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Table with columns: MORW Morawa, 75.09 204 P, P, 20 34 32.6 +1.1, etc. Includes stations like BIEAZ, CARCALIU, OJC, etc.

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

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cathedral Cave, CCM, CCM, Sierra La Ogu, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like s-maj=57.3km, NEIC 05 20:50:25.3, etc.

ANTO	Ankara	6.63 342	Pn	Pn	21 43 13.1 +0.3
TURN	Turunc	6.71 300	PN	Pn	21 43 13.1 +2.2
YER	Yerkesik	6.85 303	PN	Pn	21 43 15.3 -0.5
YER	Yerkesik	6.85 303	P	Pn	21 43 17.7 +1.9
TAMRE	Il Minia	7.06 215	P	Pn	21 43 18.9 +0.2
KARP	Karpathos	7.12 288	Pn	Pn	21 43 19.2 -0.3
MANT	Manisa	7.43 313	Pn	Pn	21 43 23.7 -0.2
ILGA	Ilgaz	7.58 350	Pn	Pn	21 43 27.4 +1.4
MDUB	Mudurnu	7.67 335	Pn	Pn	21 43 27.1 -0.1
SANT	Santorini	8.66 292	Pn	Pn	21 43 39.2 -1.5
IDI	Anoyia	8.89 284	Pn	Pn	21 43 42.3 -1.6
IDI	2.7nm,0.3s,baz=39,slow=16,SNR=14				
SLU	4.2nm,0.3s,baz=171,slow=19,SNR=8.4				
SLUM	Salum	8.90 259	P	Pn	21 43 42.4 -1.5
HFRF	Wahat Farafira	9.0 226	P	Pn	21 43 42.6 -1.3
SWAZ	baz=225				
SWAZ	baz=244	9.58 246	P	Pn	21 43 52.4 -0.7
ALN	Alexandroupoli	10.46 317	P	Pn	21 44 05.3 0.0
ALN	Alexandroupoli	10.46 317	Pn	Pn	21 44 05.2 0.0
NEY	Neyrino	11.20 281	eP	Pn	21 44 11.7 -3.8
ITM	Ithomi	11.61 292	Pn	Pn	21 44 19.5 -1.5
KBZ	Khabaz	11.87 26	LR	LR	21 45 42.7
KBZ	comp=Z,2.8nm,18.9s,baz=206,slow=42				
KBZ	Khabaz	11.87 281	eP	Pn	21 44 18.5 -3.3
KIV	Kislovodsk	11.79 26	Pn	Pn	21 44 23.5 0.0
KIV	Kislovodsk	11.79 26	Pn	Pn	21 44 23.5 0.0
AGG	Agios Georgios	11.49 342	P	Pn	21 45 02.0 +0.2
AGG	Agios Georgios	11.90 301	Pn	Pn	21 44 25.1 +0.2
MLR	Muntele Rosu	13.96 331	Pn	Pn	21 44 56.7 +3.5
MLR	0.1nm,0.3s,baz=144,slow=14,SNR=2.2				
MLR	comp=Z,6.8nm,20.3s,baz=114,slow=44				
MLR	Muntele Rosu	13.96 331	P	Pn	21 45 03.0 +1.5
MLR	Muntele Rosu	13.96 331	P	Pn	21 44 54.1 +0.9
MLR	Muntele Rosu	13.96 331	P	Pn	21 44 54.1 +0.9
VOIR	14.29 329	↑P	P	Pn	21 45 06.9 +1.7
VOIR	14.29 329	↑P	P	Pn	21 45 06.9 +1.7
OZUR	14.52 326	↑P	P	Pn	21 45 09.7 +2.1
LOT	Lotru	14.87 326	↑P	P	21 45 13.3 +1.7
SCTE	Santa Cesarea	15.06 300	Pn	Pn	21 45 04.2 -3.8
BIZ	Bicaz	15.11 335	↑P	Pn	21 45 16.0 +1.8
MIDVR	Moldovita	15.42 320	↑P	Pn	21 45 19.0 +1.4
SORR	Soroca	15.49 342	↑P	Pn	21 45 20.0 +1.8
SORM	Soroca	15.49 342	↑P	Pn	21 45 20.0 +1.8
PDG	Podgorica	15.51 309	Pn	Pn	21 45 12.2 -1.8
PDG			IAMB	IAMB	21 45 28.9 -1.5
ARCA	ARCALLIA	15.90 331	↑P	Pn	21 45 24.7 +1.8
DIVS	Divivare	15.96 316	P	Pn	21 45 19.9 0.0
DIVS			IAMB	IAMB	21 45 25.1
BURAR	Bucovina Array	16.01 334	↑P	Pn	21 45 27.3 +3.1
BURAR	Bucovina Array	16.01 334	↑P	Pn	21 45 27.3 +3.1
BUR08	Bucovina Ar. S	16.04 334	↑P	Pn	21 45 21.4 +0.5
BZS	Buzias	16.04 323	↑P	Pn	21 45 25.8 +1.4
BZS	Buzias	16.04 323	↑P	Pn	21 45 24.9 +0.5
BZS			pmx	pmx	
TIP	Timpagrande	16.05 296	↑P	Pn	21 45 23.4 -1.3
TIP	Timpagrande	16.05 296	↑P	Pn	21 45 17.1 -4.1
TIP			IAMB	IAMB	21 45 30.8
BRV	Bratogost	16.20 310	P	Pn	21 45 28.0 +1.6
BMR	Baia Mare	16.72 331	↑P	Pn	21 45 32.8 +0.9
BMR	Baia Mare	16.72 331	↑P	Pn	21 45 32.8 +0.9
STON	Ston	16.73 309	iP	Pn	21 45 31.4 -0.6
RICI	Ricice	17.39 310	↑P	Pn	21 45 39.1 -0.3
TRPA	Tarpa	17.48 330	↑P	Pn	21 45 42.5 +2.2
SGRT	San Giovanni R	17.59 303	Pn	Pn	21 45 41.1 -1.4
SGRT			IAMB	IAMB	21 45 45.7
AKASG	Malin Array B	17.71 347	↑P	Pn	21 45 41.8 -1.0
AKASG	comp=Z,1.5nm,0.3s,baz=179,slow=11,SNR=9.6				
AKB	Malin Array Si	17.71 347	↑P	Pn	21 45 42.9 +0.1
UZH	Uzhgorod	17.97 331	↑P	Pn	21 45 44.9 -0.8
KJV	Kijevo	18.09 311	iP	Pn	21 45 45.8 -0.9
PAOL	Paolisi	18.18 300	↑P	Pn	21 45 47.0 -0.9
PAOL			IAMB	IAMB	21 45 52.2
ZIRJ	Zirje	18.42 309	iP	Pn	21 45 51.5 +0.8
MORI	Morici	18.48 310	iP	Pn	21 45 52.2 +0.9
CORL	Corleone	18.48 290	↑P	Pn	21 45 50.0 -1.6
CORL			IAMB	IAMB	21 46 08.6
PSZ	Piszkesteto	18.50 325	↑P	Pn	21 45 52.7 +1.0
PSZ	Piszkesteto	18.50 325	↑P	Pn	21 45 50.3 -1.4
PSZ			pmx	pmx	
PSZ	comp=Z,4.0nm,0.9s				
MOSL	Moslavina	18.71 315	iP	Pn	21 45 50.3 -1.4
GEYT	Alibek	18.88 70	LR	LR	21 55 16.6
GEYT	comp=Z,3.3nm,18.7s,baz=185,slow=44				
GYA0B	ALIBECK ARRAY	18.88 70	P	Pn	21 45 56.2 -0.3
DUGI	Dugi Otok	19.37 310	iP	Pn	21 45 57.2 +0.1
INTR	Introdacqua	19.36 303	iP	Pn	21 45 56.5 -0.3
NVLJ	Novalja	19.33 311	iP	Pn	21 46 00.8 -0.9
PTJ	Puntijarka	19.33 315	iP	Pn	21 46 02.2 +0.4
NRCA	Norcija	19.79 304	Pn	Pn	21 46 07.0 -0.4
NRCA			IAMB	IAMB	21 46 07.9
CEY	Cernicka	20.17 313	iP	Pn	21 46 10.2 +0.2
JAVC	Velka Javorina	20.22 324	eP	Pn	21 46 12.1 -0.3
LJU	Ljubljana	20.26 314	iP	Pn	21 46 11.6 -1.2
SOKA	Soboth	20.30 316	ePn	Pn	21 46 12.5 -0.8
SKDS	Skadansky	20.33 312	iP	Pn	21 46 11.6 -0.1
ARSA	Arzberg	20.34 318	ePn	Pn	21 46 13.1 -0.6
OBKA	Obir	20.49 315	ePn	Pn	21 46 14.9 -0.7
OBKA	comp=Z,1.4nm,1.1s,SNR=6.5				
KURK	Conrad Observa	20.55 320	ePn	Pn	21 46 15.1 -1.2
KURK	comp=Z,7.5nm,1.0s				
OKC	Ostrava-Krasne	20.67 327	eP	Pn	21 46 15.3 0.0
OKC	Ostrava-Krasne	20.67 327	eP	Pn	21 46 15.3 0.0
MORC	Moravsky Berou	20.91 326	↑P	Pn	21 46 18.6 -1.8
MORC	Moravsky Berou	20.91 326	↑P	Pn	21 46 18.4 +0.4
MORC	Moravsky Berou	20.91 326	↑P	Pn	21 46 18.6 -1.8
MORC			pmx	pmx	
MORC	comp=Z,4.0nm,0.9s				
MORC	Moravsky Berou	20.91 326	↑P	Pn	21 46 18.6 -1.8
KRUC	Moravsky	20.98 323	eP	Pn	21 46 19.0 +0.3
KRUC	Moravsky	20.98 323	eP	Pn	21 46 19.0 +0.3
KRUC			pmx	pmx	
PRED	Cave del Predi	21.04 314	P	Pn	21 46 20.2 +0.8
VRAC	Vranov	21.05 324	↑P	Pn	21 46 18.6 -0.8
VRAC	comp=Z,2.7nm,0.5s,baz=136,slow=9.4,SNR=6.3				
VRAC	comp=Z,2.1nm,19.9s,baz=152,slow=60				
VRAC	Vranov	21.05 324	↑P	Pn	21 46 19.6 +0.2
VRAC	Vranov	21.05 324	↑P	Pn	21 46 20.1 +0.7
MYKA	Terra Mystica	21.09 315	ePn	Pn	21 46 21.7 +1.8
MOA	Molin	21.38 318	iP	Pn	21 46 25.2 +2.2
MOA	comp=Z,2.3nm,0.8s,SNR=8.7				
ZOU	Zouplian	21.49 317	P	Pn	21 46 25.1 +1.1
ZOU			IAMB	IAMB	21 46 27.0
KRLC	Kraljiky	21.47 326	eP	Pn	21 46 24.5 +0.5
KRLC	Kraljiky	21.47 326	eP	Pn	21 46 24.5 +0.5
KBA	Koelnbreinsper	21.49 315	eP	Pn	21 46 25.9 +1.5
KBA	Koelnbreinsper	21.49 315	eP	Pn	21 46 26.3 +1.9
KBA			pmx	pmx	
OBNS	Obninsk	21.54 2	iP	Pn	21 46 25.1 +0.5
OBNS			i	Pn	21 46 30.6
OBNS			i	Pn	21 46 44.0
OBNS			pmx	pmx	
OBNS	comp=Z,4.0nm,0.9s				
OBNS	Obninsk	21.54 2	iP	Pn	21 46 24.0 -0.6
KEST	Kesra	21.57 283	P	Pn	21 46 27.9 +2.7
KEST	comp=Z,3.3nm,0.7s,baz=182,slow=9.5,SNR=6.6				
KEST	Kesra	21.57 283	P	Pn	21 46 25.8 +0.6
KEST			IAMB	IAMB	21 46 32.3
TREC	Trest	21.59 323	eP	Pn	21 46 25.5 +0.2
TREC	Trest	21.59 323	eP	Pn	21 46 25.5 +0.2
VSL	Villasalto	21.73 293	P	Pn	21 46 25.7 -1.1

VSL			IAMB	IAMB	21 46 41.4
ABTA	Abfaltersbach	21.82 314	eP	P	21 46 29.1 +1.3
ABTA	comp=Z,6.4nm,0.8s				
DPC	Dobruška-Polom	21.88 326	eP	P	21 46 28.9 +0.6
DPC	Dobruška-Polom	21.88 326	eP	P	21 46 28.9 +0.6
CTI	Castel Tesino	22.03 311	P	Pn	21 46 30.9 +0.8
CTI			pmx	pmx	
CTI	Castel Tesino	22.03 311	P	Pn	21 46 30.9 +0.8
CTI	comp=Z,6.0nm,0.8s				
OSTC	Ostas	22.07 326	eP	P	21 46 30.0 -0.4
NACGM	Naroch	22.17 347	eP	P	21 46 30.0 -1.4
GEC2	GERESS Array S	22.25 320	P	Pn	21 46 32.5 0.0
GEC2			pmx	pmx	
GEC2	comp=Z,3.0nm,0.9s				
GEC2	GERESS Array S	22.25 320	P	Pn	21 46 32.8 +0.3
GEC2			IAMB	IAMB	21 46 35.3
GERES	GERESS Array B	22.25 320	P	Pn	21 46 32.4 -0.1
GERES	comp=Z,6.6nm,0.9s				
KHC	Kasperske Hory	22.49 320	eP	P	21 46 34.3 -0.6
KHC	Kasperske Hory	22.49 320	eP	P	21 46 34.3 -0.6
KHC	Kasperske Hory	22.49 320	eP	P	21 46 34.4 -0.6
KHC	Kasperske Hory	22.49 320	eP	P	21 46 34.4 -0.6
PRU	Pruhonice	22.51 323	eP	P	21 46 34.4 -0.6
PRU	Pruhonice	22.51 323	eP	P	21 46 34.4 -0.6
WTA	Wattenberg	22.59 314	eP	P	21 46 37.0 +0.8
PBCC	Priborska-Polom	22.60 322	eP	P	21 46 35.5 -0.5
PBCC	Priborska-Polom	22.60 322	eP	P	21 46 35.5 -0.5
WATA	Walderalm	22.66 314	eP	P	21 46 38.5 +1.5
WATA	comp=Z,7.6nm,1.3s				
WSAR	Wadi Sarin	22.79 111	LR	LR	21 57 30.6
SQTA	Sankt Quirin	22.83 314	LR	LR	21 46 40.1 +1.5
PVCC	Panska Ves	22.84 324	P	Pn	21 46 38.3 -0.2
PVCC			pmx	pmx	
PVCC	Panska Ves	22.84 324	P	Pn	21 46 38.3 -0.2
WET	Wetzell	22.87 320	P	Pn	21 46 38.1 -0.8
WET			pmx	pmx	
MOTA	Moosalm	22.95 314	eP	P	21 46 40.7 +0.7
MOTA	comp=Z,6.0nm,0.8s				
FETA	Feichten	23.03 313	iP	Pn	21 46 42.0 +1.3
FETA	comp=Z,9.5nm,1.1s				
FUORN	Ofenpass-Fuorn	23.14 312	P	Pn	21 46 41.4 -0.6
FUORN			IAMB	IAMB	21 46 50.6
RETA	Reutte	23.22 314	iP	Pn	21 46 42.8 +0.2
BRG	Berggiesshobel	23.36 324	eP	Pn	21 46 43.1 -0.8
BRG	Berggiesshobel	23.36 324	eP	Pn	21 46 43.1 -0.8
BRG	Berggiesshobel	23.36 324	eP	Pn	21 46 43.2 -0.8
BRG			pmx	pmx	
BRG	comp=Z,8.0nm,1.0s				
DAVOX	Davos/Dischmat	23.45 312	P	Pn	21 46 45.1 +0.1
DAVOX	comp=Z,4.3nm,0.7s,baz=160,slow=7.0,SNR=5.6				
AKTO	Aktjubinsk	23.61 38	LR	LR	21 58 08.0
AKTO	comp=Z,3.6nm,19.2s,baz=91,slow=4				
TUE	Stuetta	23.66 311	IAMB	IAMB	21 46 46.4 -0.8
TUE			IAMB	IAMB	21 47 05.7
DAVA	Damuels	23.67 313	iP	Pn	21 46 46.5 -0.7
DAVA	comp=Z,3.9nm,0.5s,SNR=5.5				
CLL	Collin	24.10 324	eP	Pn	21 46 51.0 -0.1
CLL			eP	Pn	21 47 03.0
CLL	Collin	24.10 324	P	Pn	21 46 50.3 -0.8
CLL			pmx	pmx	
CLL	comp=Z,2.0nm,0.7s				
CLL	Collin	24.10 324	P	Pn	21 46 50.3 -0.8
CLL			IAMB	IAMB	21 46 51.2
MOX	Moxa	24.40 321	P	Pn	21 46 54.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Takapari Road, Dannevirke, Wanganui, etc.

GCG 05 23:50:37.2, 0.3, 13.35N, 91.36W, h35km, 999km, MD4.0
MEX 05 23:50:38.4, 0.4, 14.26N, 91.14W, h160km, 11km, MD4.1
SNET 05 23:50:39.5, 1.2, 13.68N, 91.26W, h15km, 7km, ML3.1

ISC 05 23:50:35.3, 2.4, 13.68N, 03.914W, 0.1, h114km, 26km, n12,
+190/22, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Retalhuleu, FUG Fuego 3, IXG Ixpaco, etc.

ISC 05 23:54:44.0, 1.0, 32.28N, 40.18W, h0km, mb3.7/1.1,
mb1 3.9/1.1, mb1mx3.7/4, mbtmp3.7/1.1, MS3.6/1.4,
Ms1 3.6/1.4, ms1mx3.3/3.7, Error ellipse: s-maj=29.8km
s-min=19.6km az=161.0

NEIC 05 23:54:43.6, 2.7, 32.3N, 01.140W, 0.1, h10km, 1km,
mb4.8/3.7, Error ellipse: s-maj=21.4km s-min=14.3km
az=152.0

ISC 05 23:54:44.6, 0.7, 32.3N, 01.140W, 0.07, h13km, n71,
+197/57, mb4.6/2.9, MS3.6/1.4, Northern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROSA Rosais, CMLA Cha da Macela, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Belchertown, Schottsville, Lake Ozonia, etc.

ISC 05 23:57:03.7, 0.6, 3.59N, 127.52E, h0km, mb4.1/1.8,
mb1 4.2/1.8, mb1mx4.0/4.6, mbtmp4.1/1.8, MS3.1/5.1,
Ms1 3.1/5.1, ms1mx2.7/4.4, Error ellipse: s-maj=30.2km
s-min=13.7km az=78.0

DJA 05 23:57:08.6, 1.5, 4.1N, 15.12E, h27km, 29km, M4.6/6,
mB5.0/2, mb4.7/4, MLV4.5/6, Mw(MB)4.4/2

NEIC 05 23:57:12.2, 1.9, 3.58N, 0.07, 127.53E, 0.09, h74km, 7km,
mb4.5/3.3, Error ellipse: s-maj=13.8km s-min=8.5km
az=66.0

ISC 05 23:57:09.6, 0.4, 3.67N, 0.05, 127.60E, 0.07, h45km, n83,
+180/79, mb4.4/3.5, 4C-4Ad, Talud Islands

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

ISC 05 23:57:09.6, 0.4, 3.67N, 0.05, 127.60E, 0.07, h45km, n83,
+180/79, mb4.4/3.5, 4C-4Ad, Talud Islands

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

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

NIED 06 00:24:06.4, 36.33N, 140.08E, h71km, MW3.8, Moment
Tensor solution: s3 Moment Tensor: Scale 10^14Nm;
Mm=0.2, Mm=0.45, Mm=3.56, Mm=0.98, Mm=0.95, Mm=3.56;
Fault plane solution: Mw=4.1000, N1P1=15.00000,
867.00000, 190.00000, NP2=196.00000, 825.00000,
1.91.00000

NNSB Datong baz=231	0.75 232	P	Pn	01 02 31.2 +0.3
NNSB baz=231	eS	Sn	01 02 45.0 -0.1	
NNSH Datong baz=231	0.75 232	P	Pn	01 02 31.4 +0.4
NNSH baz=231	eS	Sn	01 02 45.0 0.0	
NCU National Centr baz=275	0.77 276	eP	Pn	01 02 31.6 +0.6
NCU baz=275	eS	Sn	01 02 45.1 0.0	
NCUH Zhongli baz=275	0.77 276	eP	Pn	01 02 31.0 0.0
NCUH baz=275	eS	Sn	01 02 45.2 +0.1	
NACB Ninganchiao baz=208	0.82 209	P	Pn	01 02 30.8 -0.7
NACB baz=208	S	Sn	01 02 45.2 -0.7	
ETLH Xiulin Townshi baz=215	0.84 216	P	Pn	01 02 31.8 -0.1
ETLH baz=215	S	Sn	01 02 46.1 -0.4	
TWD Chiawan baz=205	0.90 206	eP	Pn	01 02 32.0 -0.3
TWD baz=205	eS	Sn	01 02 46.7 -0.6	
JYNG Yonagunijimaku baz=205	0.95 118	P	Sn	01 02 32.9 +0.2
JYNG baz=205	S	Sn	01 02 48.1 0.0	
SBCB Hsinchu baz=263	0.95 264	eP	Pn	01 02 33.1 +0.3
SBCB baz=263	eS	Sn	01 02 48.6 +0.4	
LIOB Emei baz=255	0.95 255	P	Pn	01 02 32.8 0.0
LIOB baz=255	S	Sn	01 02 48.0 -0.2	
HSN Hsinchu baz=265	0.96 265	eP	Pn	01 02 32.5 -0.4
HSN baz=265	eS	Sn	01 02 47.7 -0.7	
NSTT Nanjuang baz=254	0.97 254	P	Pn	01 02 32.7 -0.2
NSTT baz=254	eS	Sn	01 02 48.0 -0.5	
HWA Hwallen baz=202	0.99 203	eP	Pn	01 02 33.2 +0.1
HWA baz=202	eS	Sn	01 02 49.0 0.0	
YOJ Yonaguni jima baz=115	0.99 115	eP	Pn	01 02 33.2 0.0
YOJ baz=115	eS	Sn	01 02 49.1 +0.1	
YOJ Yonaguni jima baz=115	0.99 115	P	Pn	01 02 33.4 +0.2
YOJ baz=115	eS	Sn	01 02 48.9 -0.1	
TWT Tachien baz=230	1.00 231	eP	Pn	01 02 34.3 +0.7
TWT baz=230	S	Sn	01 02 50.1 +0.6	
TDCB Techii baz=231	1.01 231	P	Pn	01 02 34.1 +0.5
TDCB baz=231	S	Sn	01 02 49.7 0.0	
WHF Hehuan Shan baz=222	1.02 223	P	Pn	01 02 34.3 +0.3
WHF baz=222	S	Sn	01 02 50.2 0.0	
CHGB Renai baz=223	1.14 223	iP	Pn	01 02 35.4 +0.4
CHGB baz=223	S	Sn	01 02 52.2 +0.1	
WHP Taichung City baz=238	1.16 238	P	Pn	01 02 35.5 +0.5
WHP baz=238	S	Sn	01 02 52.0 -0.3	
NMLH Miaoli baz=252	1.18 253	P	Pn	01 02 35.0 -0.2
NMLH baz=252	S	Sn	01 02 51.8 -0.7	
ESL Shilin baz=206	1.20 207	eP	Pn	01 02 35.9 +0.3
ESL baz=206	eS	Sn	01 02 52.9 -0.2	
NSY Sanyi baz=247	1.25 248	P	Pn	01 02 36.2 +0.2
NSY baz=247	S	Sn	01 02 54.2 +0.3	
PTSB Yuanli baz=249	1.28 250	eP	Pn	01 02 35.9 -0.5
PTSB baz=249	eS	Sn	01 02 54.6 0.0	
DPDB Guoxing baz=229	1.32 230	eP	Pn	01 02 37.2 +0.4
DPDB baz=229	eS	Sn	01 02 56.2 +0.7	
EGFH Guangfu baz=204	1.34 204	eP	Pn	01 02 37.3 +0.2
EGFH baz=204	eS	Sn	01 02 55.7 0.0	
WDJ Dajia District baz=246	1.37 247	eP	Pn	01 02 37.7 +0.3
WDJ baz=246	eS	Sn	01 02 56.2 -0.3	
VWDT YWDT baz=215	1.39 216	P	Pn	01 02 38.2 +0.5
VWDT baz=215	S	Sn	01 02 57.0 +0.1	
TCU Taichung baz=238	1.44 239	eP	Pn	01 02 38.3 +0.1
TCU baz=238	eS	Sn	01 02 57.9 +0.1	
SMLT Sun Moon Lake baz=225	1.44 226	P	Pn	01 02 38.8 +0.4
SMLT baz=225	eS	Sn	01 02 58.2 +0.1	
TYC Yuchr baz=226	1.45 227	P	Pn	01 02 38.5 +0.2
TYC baz=226	S	Sn	01 02 58.8 +0.6	
SSLB Suanglung baz=221	1.47 222	iP	Pn	01 02 38.9 +0.3
SSLB baz=221	S	Sn	01 02 58.8 +0.1	
HGSD Ruisui baz=201	1.50 202	eP	Pn	01 02 39.2 +0.3
HGSD baz=201	S	Sn	01 02 59.6 +0.4	
EHY Hungye baz=204	1.52 205	eP	Pn	01 02 39.5 +0.2
EHY baz=204	eS	Sn	01 02 59.2 -0.5	
WCHH Zhanguhua baz=238	1.56 239	eP	Pn	01 02 39.9 +0.2
WCHH baz=238	eS	Sn	01 03 00.6 +0.1	
WNT Mingjian baz=230	1.59 231	eP	Pn	01 02 40.4 +0.4
WNT baz=230	eS	Sn	01 02 40.8 +0.7	
WJS Zhushan baz=227	1.59 228	eP	Pn	01 03 01.6 +0.3
WJS baz=227	eS	Sn	01 03 01.6 +0.3	
WHYT Xinyi Township baz=221	1.60 222	eP	Pn	01 02 40.9 +0.7
WHYT baz=221	S	Sn	01 03 02.1 +0.6	
YULB Yu-li baz=204	1.64 204	eP	Pn	01 03 02.1 -0.5
YULB baz=204	eS	Sn	01 03 01.4 -0.8	
IRIF Iriomote-Funau baz=215	1.65 109	P	Pn	01 02 41.0 +0.3
IRIF baz=215	eS	Sn	01 03 02.0 -0.4	
TWF1 Yuli baz=203	1.67 204	eP	Pn	01 02 40.9 -0.2
TWF1 baz=203	eS	Sn	01 03 03.0 +0.0	
ALS Alishan baz=218	1.77 219	eP	Pn	01 02 43.3 0.7
ALS baz=218	S	Sn	01 03 06.1 +0.4	
CHN5 Tsauling baz=223	1.78 224	P	Pn	01 02 42.9 +0.4
CHN5 baz=223	S	Sn	01 03 05.8 +0.2	
WGK Gukeng baz=227	1.80 228	eS	Sn	01 03 01.1 +0.4
WGK baz=227	eS	Sn	01 02 42.9 +0.1	
WDLH Douliu baz=228	1.81 229	eP	Pn	01 02 42.9 +0.1

WDLH baz=228	eS	Sn	01 03 05.9 -0.1	
FULB Fuli baz=201	1.82 202	P	Pn	01 02 42.9 0.0
FULB baz=201	S	Sn	01 03 06.1 -0.1	
RLNB Erlin baz=236	1.82 237	eP	Pn	01 02 43.0 +0.1
RLNB baz=236	eS	Sn	01 03 06.2 +0.1	
HATJ Hateruma jima baz=202	1.82 117	eS	Sn	01 03 06.7 +0.4
JKRS Kuro-shima baz=202	1.92 109	P	Pn	01 02 44.8 +0.7
JKRS baz=202	S	Sn	01 03 08.8 +0.3	
ELDTW Lidau baz=208	1.93 209	eP	Pn	01 02 45.0 +0.6
ELDTW baz=208	eS	Sn	01 03 08.5 -0.4	
CHN2 Minshiuang baz=226	1.96 227	eS	Sn	01 03 09.8 +0.4
CHN2 baz=226	eS	Sn	01 02 45.5 +0.4	
JJJ Ishigaki jima baz=202	2.00 105	P	Pn	01 03 09.2 -1.0
JJJ baz=202	S	Sn	01 02 45.9 +0.5	
CHN4 Tsausahn baz=220	2.02 221	eP	Pn	01 03 10.4 -0.3
CHN4 baz=220	eS	Sn	01 02 45.5 +0.2	
CHY Chiayi baz=226	2.02 227	eP	Pn	01 03 10.2 -0.5
CHY baz=226	S	Sn	01 03 10.2 -0.5	
TPUB Ta-pu baz=218	2.04 219	eP	Pn	01 02 45.3 -0.3
TPUB baz=218	eS	Sn	01 03 10.5 -0.7	
WSF Szu baz=232	2.07 233	eS	Sn	01 03 11.5 -0.3
WSF baz=232	eS	Pn	01 02 46.8 +0.6	
STYT Tauyuan baz=213	2.08 214	eP	Pn	01 03 12.0 -0.1
STYT baz=213	eS	Sn	01 03 12.0 -0.1	
WTP Ta-pu baz=218	2.09 218	eP	Pn	01 02 46.6 +0.3
WTP baz=218	eS	Sn	01 03 12.0 -0.4	
JISG Ishigakijimahi baz=220	2.10 98	eS	Sn	01 03 11.8 -0.7
JKRS Hsinying baz=220	2.15 221	eP	Pn	01 02 47.0 -0.1
JKRS baz=220	eS	Sn	01 03 13.0 -0.7	
SNST Tainan City baz=219	2.17 220	eS	Sn	01 03 13.3 -1.0
SNST baz=219	eP	Pn	01 02 47.5 0.0	
CHN1 Nanshi baz=218	2.18 219	eP	Pn	01 03 14.0 -0.6
CHN1 baz=218	S	Sn	01 03 14.6 -1.2	
SGST Jiashian baz=216	2.23 216	eS	Sn	01 03 15.5 -0.4
SGST baz=216	eS	Sn	01 03 15.1 -0.4	
TWG Pingang baz=202	2.24 203	eS	Sn	01 03 15.1 -0.8
TWG baz=202	eS	Sn	01 02 49.0 +0.6	
TWGBT Beinan baz=202	2.24 203	eS	Sn	01 03 15.3 -0.8
TWGBT baz=202	eS	Sn	01 03 15.3 -0.8	
MATB Ma-tsu baz=303	2.26 304	eP	Pn	01 02 49.0 +0.6
MATB baz=303	eS	Sn	01 03 15.5 -0.8	
CHN8 Ajiu baz=226	2.26 227	eS	Pn	01 02 49.5 +0.7
CHN8 baz=226	eP	Pn	01 03 16.4 -0.2	
SLGT Liugui baz=213	2.27 214	eP	Pn	01 02 50.6 +1.1
SLGT baz=213	eS	Sn	01 03 17.7 -0.4	
VWUC VWUC baz=272	2.34 273	eP	Pn	01 03 20.0 -0.1
VWUC baz=272	eS	Sn	01 03 20.9 -0.7	
JTJ Tarama baz=203	2.45 95	eS	Sn	01 03 20.9 -0.7
JTJ baz=203	eS	Sn	01 03 25.7 +1.1	
ECL Taimali baz=203	2.49 203	eS	Sn	01 03 26.9 -0.3
ECL baz=203	eS	Sn	01 03 28.0 -1.4	
MASBT Mashbuluo baz=209	2.61 210	eP	Pn	01 02 53.6 +0.6
MASBT baz=209	eS	Sn	01 02 53.5 +0.3	
PHUB Peng-hu baz=238	2.63 239	eP	Pn	01 03 23.7 -1.1
PHUB baz=238	eS	Sn	01 03 25.8 -0.8	
WDGT Dungji baz=232	2.71 234	eS	Sn	01 02 55.7 +1.1
WDGT baz=232	eP	Pn	01 03 26.9 -0.3	
EAST Anshuo baz=203	2.72 204	eP	Pn	01 03 28.0 -1.4
EAST baz=203	eS	Sn	01 02 56.6 -0.3	
SCZT Faniiau baz=207	2.82 207	eS	Sn	01 02 56.6 -0.3
SCZT baz=207	eS	Sn	01 03 30.1 -1.3	
VCHM Qimei baz=234	2.91 235	eP	Pn	01 02 56.6 -0.3
VCHM baz=234	eS	Sn	01 03 30.1 -1.3	

IDC 06 01:04:16.9:2.2, 0.97S:126.82E, h0km, mb3.2/3, mb1 3.2/3, mb1mx3.3/28, mbtmp3.3/3, Error ellipse: s-maj=204.8km s-min=27.0km az=66.0, Southern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	20.25	159	P	P	01 08 52.5	-1.5
ASAR	Alice Springs	23.59	164	P	P	01 09 30.7	+1.1
MKAR	Malacoff Array	61.47	327	P	P	01 14 35.4	-0.1

IDC 06 01:05:33.4:6.2, 53.31N:154.81E, h153km, 5.1km, mb2.8/2, mb1 3.2/2, mb1mx2.7/45, mbtmp3.3/2, Error ellipse: s-maj=145.3km s-min=25.9km az=148.0, Sea of Okhotsk

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PETK	Petrovskovsk-	1.75	95	P	Pn	01 06 05.8	0.0
PETK		1.2nm, 0.3s, baz=180, slow=12, SNR=24					
MJAR	Matsushiro Arr	20.39	221	P	P	01 09 58.1	0.0
TXAR	Lajitas Array	73.43	63	P	P	01 16 48.9	0.0

TAP 06 01:10:05.8:24.89N:122.41E, h137km, 1km, ML2.9, D JMA 06 01:10:06.5:0.2, 24.89N:122.40E, h130km, 2km, M2.0

ISC 06 01:10:06.3:2.1, 24.87N:122.40E:0.03, h133km, 1.3km, n37, 0.941/66, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TWB1	Santiao Chiao	0.40	291	eS	Sn	01 10 39.5	0.0
NTC	Toucheng	0.52	269	eP	Pn	01 10 26.0	+0.2
NTC	baz=266						
TIPB	Shuangxi	0.53	282	P	Pn	01 10 25.9	0.0
TIPB	baz=278						
TWC	Suao	0.56	243	P	Pn	01 10 25.9	-0.2
TWC	baz=240						
ILA	Ilan	0.60	261	eP	Pn	01 10 26.4	+0.1
ILA	baz=258						
JYNG	Yonagunijimaku	0.65	130	P	Sn	01 10 26.7	+0.1
JYNG	baz=255						
TWE	Neicheng	0.68	258	eP	Pn	01 10 26.9	+0.1
TWE	baz=255						
YOJ	Yonaguni jima	0.69	126	eP	Pn	01 10 26.9	0.0
YOJ	baz=127						
YOJ	Yonaguni jima	0.69	126	P	Pn	01 10 27.0	0.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
YOJ YM01	YM01	0.80	291	eS	Sn	01 10 42.9	+0.4
YOJ YM01	baz=288						
NWLT Wulai	Wulai	0.82	264	eP	Pn	01 10 27.9	0.0
NWLT	baz=262						
TAP Taipei	Taipei	0.83	282	eS	Sn	01 10 44.1	-0.3
TAP	baz=280						
NDT Datong Townshi	Datong Townshi	0.85	252	P	Pn	01 10 28.7	+0.5
NDT	baz=250						
YHNB Yeheng	Yeheng	0.95	258	P	Pn	01 10 29.2	0.0
YHNB	baz=256						
NACB Ninganchiao	Ninganchiao	1.00	227	eP	Pn	01 10 29.1	-0.4
NACB	baz=226						
NNSB Datong	Datong	1.02	245	P	Pn	01 10 30.3	+0.4
NNSB	baz=243						
NNSH Datong	Datong	1.02	245	eS	Sn	01 10 47.6	-0.1
NNSH	baz=243						
NNSH Datong	Datong	1.02	245	eP	Pn	01 10 30.0	+0.1
NNSH	baz=243		</				

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TJ01, PLTB, CNLB, etc., and various weather-related identifiers.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Troy Canyon, MDDND Maddock, CWC Cottonwood Cre, PKM Mpherson Peak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RETA Reutte, MOTA Moosalm, SQTa Saratoula, DOT Dot Lake, WATA Walderalm, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ellipse: s-maj=35.8km, HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCIA, GNAR, PEBM, JCT, etc.

IDC 06 04:15:08.8-0.8, 38.39N-89.01E, h0km, mb3.7/16, m1 3.8/21, m1mx3.7/63, mbtmpp3.8/21, ML6.6/5, MS3.2/7, Ms1 3.3/7, ms1mx2.9/54, Error ellipse: s-maj=23.2km s-min=14.1km az=38.0

NEIC 06 04:15:09.6-1.7, 38.49N-0.06-89.09E, 0.09h, h10km=1km, mb4.1/11, Error ellipse: s-maj=14.5km s-min=7.7km az=231.0

BUI 06 04:15:11.3-0.0, 38.48N-89.06E, h8km, mb4.5/7, mb4.5/10, ML4.7/16, Ms4.0/11, Ms7.3/8/2

NNC 06 04:15:20.5-2.4, 39.18N-88.68E, h12km, 16km, mb4.8, mpv4.7, Error ellipse: s-maj=17.7km s-min=15.4km az=72.0

ISC 06 04:15:10.7-0.5, 38.54N-0.07-89.01E, 0.05h, h10km, n100, alpha186/96, mb3.8/18, MS3.2/6, 12C-8D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WMQ, Urumqi, Jrumqi, etc.

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

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

IDC 06 04:20:19.7-0.9, 3.50N-92.68E, h0km, mb4.0/14, m1 4.1/15, m1mx3.9/55, mbtmpp4.1/15, ML4.0/2, MS3.2/1, Ms1 3.2/1, ms1mx2.5/51, Error ellipse: s-maj=27.2km s-min=18.8km az=49.0

NEIC 06 04:20:23.8-2.0, 3.5N-0.1-92.74E, 0.09h, h28km, 5km, mb4.2/13, Error ellipse: s-maj=15.4km s-min=12.6km az=202.0

ISC 06 04:20:24.3-0.7, 3.5N-0.1-92.78E, 0.07h, h35km, n50, alpha1508/47, mb4.3/27, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LHMI, GSI, PSI, etc.

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

IDC 06 04:24:56.6:1.0, 32.624N, 109.118W, h0km, mb1 3.2/4, mb1mx3.2/53, mbtmp2.9/4, ML3.2/4, Error ellipse: s-maj=16.0km s-min=9.3km az=36.0

NEIC 06 04:24:56.8:1.5, 32.572N, 109.073W, h0.05, h5km, 2km, ML3.5/36, Error ellipse: s-maj=7.4km s-min=5.4km az=93.0

ISC 06 04:24:56.3:0.9, 32.535N, 109.121W, h0.04, h10km, n54, c1755/52, Eastern Arizona

Main station list table for the first section, including codes like 121A, 12UC, 12UC, etc., and station names like Cookes Peak, TUC, etc.

IDC 06 04:27:18.9:2.8, 9.96S, 121.56E, h82km, 29km, mb3.6/2, mb1 3.6/6, mb1mx3.2/49, mbtmp3.9/6, Error ellipse: s-maj=36.2km s-min=20.6km az=42.0

DJA 06 04:27:18.1:1.0, 10.10S, 121.2E, h10km, 9km, M3.7/8, MLV3.7/8

ISC 06 04:27:19.0:0.9, 50S, 121.89E, 0.05, h44km, n16, c389/17, Savu Sea

Small table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EDFI, MMRI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BASI, WSI, BATI, etc.

IDC 06 04:54:02.5:4.4, 8.59S, 120.63E, h193km, 23km, mb3.6/1, mb1 3.2/5, mb1mx2.9/49, mbtmp3.7/5, Error ellipse: s-maj=60.1km s-min=40.8km az=35.0, Flores region

IDC 06 04:54:03.3:3.2, 37.71S, 178.90E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.8/32, mbtmp4.1/4, ML3.4/1, Error ellipse: s-maj=75.6km s-min=49.3km az=140.0

NEIC 06 04:54:08.4:1.8, 37.59S, 178.90E, h0.08, h35km, 11km, PRGZ, Error ellipse: s-maj=13.7km s-min=2.5km az=136.0

WEL 06 04:54:09.2:38.5, 7.19E, h33km, MA, 0.19, ML4.4/19, MLV4.0/19, Error ellipse: s-maj=0.0km s-min=0.0km az=168.9

ISC 06 04:57:01.2:2.2, 37.61S, 178.98E, 0.09, h26km, 12km, n116, c1520/119, mb4.0/4, Off east of North Island

Main station list table for the second section, including codes like BATI, WRM, FITZ, etc., and station names like Baumata, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TIWZ, LREZ, DREZ, etc.

ISC 06 04:55:54.8:0.5, 42.95N, 73.00E, h1km, 3km, mb3.6, mb3.6/4, Error ellipse: s-maj=5.2km s-min=2.7km az=11.0

KNET 06 04:55:55.1:0.1, 42.98N, 73.00E, h23km, mb2.7, KNET 06 04:55:55.6:0.6, 42.83N, 73.06E, h32km, 11km, ml2.2, Error ellipse: s-maj=4.7km s-min=2.6km az=115.0

SOME 06 04:55:55.6, 42.90N, 73.02E, h20km

ISC 06 04:55:56.5:0.9, 42.85N, 73.01E, 0.02, h17km, 6km, n63, c1923/108, 32C-21D, Kyrgyzstan

Main station list table for the third section, including codes like MRKS, EKS2, AAK, etc., and station names like Merke, Erkin-Say, etc.

DGS	18nm,0.3s	eS	Sn	04 56 56.8 +1.1
DGS	Degeers 5.1nm,0.2s	2.06 78	Pg	Pb 04 56 32.9 -0.5
DGS	18nm,0.3s	Lg	Lg	04 56 59.7
KRBS	Karabastu 7.5nm,0.2s	2.12 66	eP	Pn 04 56 32.5 +1.3
KRBS	4.8nm,0.2s	Pg	Sb	04 56 59.0 -1.5
KRBS	Karabastu 7.5nm,0.2s	2.12 66	Pg	Pb 04 56 33.0 -1.4
KRBS	4.8nm,0.2s	Lg	Lg	04 57 00.6
KST	Kastek 14nm,0.2s	2.17 84	eP	Pb 04 56 35.7 +0.3
KST	27nm,0.3s	eS	Sb	04 57 03.8 +1.7
KST	Kastek 14nm,0.2s	2.17 84	Pg	Pb 04 56 34.9 -0.6
KST	30nm,0.3s	Lg	Lg	04 57 03.9
BOOM	Booms koye usch baz=99	2.19 98	eP	Pn 04 56 33.1 +0.9
BOOM	baz=99	↑/S	Sb	04 57 01.1 -1.4
IUG	Iuzhny 1.0nm,0.1s	2.31 253	eP	Pb 04 56 37.8 0.0
IUG	20nm,0.2s	2.31 253	Pg	Pb 04 57 07.6 +1.5
IUG	1.0nm,0.1s	Lg	Lg	04 57 06.1
BTLs	Baital 1.1nm,0.1s	2.31 18	eP	Pn 04 56 34.4 +0.6
BTLs	22nm,0.1s	eS	Sn	04 57 02.1 +0.3
BTLs	Baital 1.1nm,0.1s	2.31 18	Pg	Pn 04 56 34.4 +0.6
BTLs	22nm,0.1s	Lg	Lg	04 57 02.1
OHH	Osh baz=84	2.33 184	↑/P	Pn 04 56 35.0 +1.0
OHH	baz=84	↑/S	Sn	04 57 04.4 +2.1
BRLS	Boroday 1.9nm,0.2s	2.34 276	eP	Pb 04 56 37.9 -0.3
BRLS	1.9nm,0.2s	eS	Sb	04 57 07.8 +1.0
BRLS	Boroday 1.9nm,0.2s	2.34 276	Pg	Pb 04 56 37.2 -1.0
BRLS	1.9nm,0.2s	Lg	Lg	04 57 07.8
MTBS	Matube 6.6nm,0.2s	2.52 82	eP	Pb 04 56 41.3 -0.1
MTBS	6.6nm,0.2s	↑/S	Sb	04 57 13.6 +1.5
MTBS	8.2nm,0.3s	2.52 82	Pg	Pb 04 56 41.3 -0.1
MTBS	13nm,0.2s	Lg	Lg	04 57 13.6
KUU	Kury 4.4nm,0.2s	2.64 66	eP	Pb 04 56 43.0 -0.3
KUU	4.4nm,0.2s	eS	Sb	04 57 16.8 +1.4
KUU	8.6nm,0.2s	2.64 66	Pg	Pb 04 56 43.0 -0.3
KUU	4.4nm,0.2s	Lg	Lg	04 57 16.8
IZV	Izvestkoviy 9.1nm,0.2s	2.65 85	eP	Pb 04 56 43.7 +0.2
IZV	20nm,0.2s	eS	Sb	04 57 18.0 +2.2
IZV	Izvestkoviy 9.1nm,0.2s	2.65 85	Pg	Pb 04 56 43.7 +0.2
IZV	20nm,0.2s	Lg	Lg	04 57 18.0
KTBS	Karabote 4.3nm,0.3s	2.81 71	eP	Pb 04 56 46.5 +0.2
KTBS	13nm,0.2s	eS	Sb	04 57 22.7 +2.3
KTBS	Karabote 4.3nm,0.3s	2.81 71	Pg	Pb 04 56 46.5 +0.2
KTBS	13nm,0.2s	Lg	Lg	04 57 22.7
TNSS	Tian-Shan 11nm,0.3s	2.89 85	eP	Pb 04 56 49.0 +1.1
TNSS	10.0nm,0.4s	eS	Sg	04 57 26.7 -2.8
TNSS	Tian-Shan 11nm,0.3s	2.89 85	Pg	Pb 04 56 48.9 +1.0
TNSS	10.0nm,0.4s	Lg	Lg	04 57 26.7
MDOK	Medeo 4.5nm,0.3s	2.98 83	eP	Pb 04 56 50.3 +1.2
MDOK	4.5nm,0.3s	eS	Sg	04 57 29.0 -3.1
MDOK	Medeo 4.5nm,0.3s	2.98 83	↑/Pg	Pb 04 56 49.2 +0.1
MDOK	4.5nm,0.3s	Lg	Lg	04 57 30.8
MDOK	Medeo 4.5nm,0.3s	2.98 83	Pg	Pb 04 56 50.3 +1.2
MDOK	4.5nm,0.3s	Lg	Lg	04 57 29.0
KOTS	Kotrybulak 12nm,0.3s	3.03 81	eP	Pb 04 56 51.1 +1.1
KOTS	13nm,0.3s	eS	Sg	04 57 30.7 -3.1
KOTS	Kotrybulak 12nm,0.3s	3.03 81	Pg	Pb 04 56 51.1 +1.1
KOTS	13nm,0.3s	Lg	Lg	04 57 30.7
CHKK	Chushkaly 2.6nm,0.2s	3.07 70	eP	Pb 04 56 51.3 +0.7
CHKK	7.6nm,0.1s	eS	Sb	04 57 30.7 +3.0
CHKK	Chushkaly 2.6nm,0.2s	3.07 70	Pg	Pb 04 56 51.3 +0.7
CHKK	7.6nm,0.1s	Lg	Lg	04 57 30.7
ARXS	Arharly 7.2nm,0.4s	3.76 67	eP	Pb 04 57 03.4 +1.1
ARXS	5.3nm,0.2s	eS	Sb	04 57 52.1 +4.5
ARXS	Arharly 7.2nm,0.4s	3.76 67	Pg	Pb 04 57 03.4 +1.1
ARXS	5.3nm,0.2s	Lg	Lg	04 57 52.1
SATY	Saty 0.9nm,0.1s	3.96 85	Pg	Pb 04 57 08.2 +2.3
SATY	2.6nm,0.1s	Lg	Lg	04 57 59.5
MINBS	Baschi 1.7nm,0.2s	4.11 71	eP	Pb 04 57 08.8 +0.4
MINBS	4.8nm,0.3s	eS	Sb	04 58 00.6 +2.8
MINBS	Baschi 1.7nm,0.2s	4.11 71	Pg	Pb 04 57 10.3 +1.9
MINBS	4.8nm,0.3s	Lg	Lg	04 58 02.3

JMA 06 05:03:30.2±0.2,37.33N,141.83E,h40km,3km,M3.7,

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
JFK	Kawauchi	0.76 273	Op	05 03 44.6 +0.1	P
JFK	05 03 54.2 -0.7	S	Pn	05 03 45.6 0.0	P
JMST	Minamisoumatoc	0.85 298	P	05 03 56.1 -0.8	P
JMST	05 03 45.9 +0.1	S	Pn	05 03 56.6 -0.6	P
ONAJ	Iwakimizuishiy	0.85 255	P	05 03 47.8 +0.3	P
ONAJ	05 03 59.6 +0.6	S	Pn	05 03 48.6 +0.3	P
JMM	Marumori	0.98 303	P	05 04 01.4 -0.3	P
JMM	05 03 50.3 0.0	S	Pn	05 03 51.8 +1.2	P
JFT	Ouri	1.19 341	P	05 04 06.7 +1.0	P
JFT	1.20 279	S	Pn	05 04 05.1 0.0	P
JHO	Hitachi	1.24 235	P	05 04 05.4 -1.1	P
JHO	05 04 05.9 +0.8	S	Pn	05 04 11.2 +1.0	P
JOU	Okura	1.39 319	P	05 04 19.0 +3.7	P
JOU	05 04 57.1 +6.9	S	Pn		

NCC 06 05:19:03.2±4.1,36.90N,70.47E,h0km,mb3.7,mpv3.6,
1C-2D, Error ellipse: s-maj=35.4km s-min=30.3km
az=129.0,Hindu Kush region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
KK31	Karatay Array	6.20 0	Op	05 20 36.7 +0.8	ISC
KK31	2.2nm,0.3s,baz=181,slo=13,SNR=53	↑/S	Sn	05 21 48.1 +0.7	P
AAK	Ala-Archa	6.51 27	P	05 20 39.1 -1.3	P
AAK	1.6nm,0.3s	↑/S	Pn	05 21 52.7 +1.8	P
AB31	Akbulak array	14.53 331	P	05 22 50.8 +0.8	P
	0.1nm,0.3s,baz=160,slo=12,SNR=4.8				

IDC 06 05:20:56.4±0.5,19.15S,172.53W,h0km,mb4.5/19,
mb1.4/6/21,mb1mx4.4/55,mbimp4.5/21,ML3.8/2,MS3.6/9,
Ms1.3/6/9,ms1mx3.3/28, Error ellipse: s-maj=21.2km
s-min=13.1km az=148.0

BUI 06 05:20:59.0±0.0,18.97S,172.67W,h20km,mb5.4/10,
mb5.1/12

NEIC 06 05:21:01.6±1.2,19.00S,172.6W,0.1, h32km,3km,
mb4.7/88, Error ellipse: s-maj=18.8km s-min=7.3km
az=84.0

ISC 06 05:20:58.8±0.4,19.08S,172.53W,0.08,h13km,
m19.1,±107/176,mb4.7/60,MS3.7/11,6C,Tonga Islands
region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
NIUE	Niue	2.46 90	Op	05 21 30.7 -8.0	ISC
NIUE	baz=2.1,SNR=10	S	Sn	05 21 55.5 -13	P
NIUE	Niue	2.46 90	Pn	05 21 30.8 -7.9	P
NIUE	Afiamalu	5.19 8	Pn	05 22 12.5 -3.7	P
AFI	Nonsavu	9.04 277	Pn	05 23 04.9 -11	P
MISVF	Rarotonga	12.17 102	Pn	05 23 14.7 +5.4	P
RAR	comp=Z,356nm,19.8s,baz=286,slo=31	LR	LR	05 27 15.2	LR
DZM	Roma	19.21 258	P	05 25 30.8 +0.4	P
DZM	0.5nm,0.3s,baz=78,slo=20,SNR=10.0	LR	LR	05 32 13.6	LR
PAE	comp=Z,240nm,18.6s,baz=95,slo=34	eT	LQ	05 47 52.0	LQ
PAE	8.8nm,0.3s	21.82 90	eT	05 29 59.2	LQ
PPT2	Papeete2	21.84 90	eLQ	05 30 49.2	LQ
PPT2	236nm,24.5s	21.84 90	eLQ	05 47 53.5	LQ
PPT2	comp=Z,661nm,26.2s,baz=255	eLR	LR	05 31 42.9	LR
PPT2	2.1nm,0.3s	21.84 90	eLR	05 30 49.2	LR
PPT	Papeete	21.84 90	LR	05 31 42.9	LR
PPT	comp=Z,189nm,21.0s,baz=261,slo=30	LQ	LQ	05 30 03.0	LQ
TBI	Tubuai	21.91 105	eLQ	05 30 40.9	LQ
TBI	299nm,32.5s	21.91 105	eLQ	05 30 40.9	LQ
TVO	Tarava	22.12 90	eT	05 48 09.8	T
TVO	1.0nm,0.4s	22.12 90	eT	05 36 33.8	T
HNR	Honiara	28.31 286	LR	05 36 06.2	LR
HNR	comp=Z,136nm,18.1s,baz=160,slo=33	eLR	LR	05 27 43.7 -0.5	LR
TAOE	Nuku Hiva Isia	32.97 77	eLR	05 27 44.8	LR
TAOE	comp=Z,232nm,24.8s	34.19 253	P	05 27 45.0 -0.4	P
EIDS	Eidsvold	34.19 253	P	05 27 45.0 -0.4	P
EIDS	comp=Z,7.9nm,0.9s	34.32 244	P	05 27 45.0 -0.4	P
ARMA	Armida	34.32 244	P	05 27 59.5	P
ARMA	baz=35,SNR=6.3	34.32 244	P	05 36 53.9	P
ARMA	Armida	34.32 244	P	05 27 54.5 +0.3	P
ARMA	comp=Z,17nm,1.4s	35.21 103	eLR	05 27 54.5 +0.3	eLR
RKT	Rikitea	35.21 103	eLR	05 28 02.7 -0.1	eLR
MCGD	Mangrove Creek	35.35 239	P	05 28 13.0 -0.2	P
MCGD	comp=Z,453nm,27.0s	36.34 251	P	05 28 19.1	P
RMQ	Roma	36.34 251	P	05 28 22.1 -1.4	P
RMQ	baz=36,SNR=5.1	37.58 327	P	05 28 22.5 -0.9	P
CAN	Canberra	37.58 327	P	05 28 28.6 -1.0	P
CAN	comp=Z,23nm,1.3s	38.78 261	P	05 28 40.7 -0.2	P
CTA	Charters Tower	38.78 261	P	05 28 43.8	P
CTA	comp=Z,7.0nm,0.6s,baz=102,slo=11,SNR=17	39.53 243	P	05 28 57.7 -0.1	P
CTAO	Charters Tower	38.78 261	P	05 28 57.7 -0.1	P
CTAO	comp=Z,9.5nm,0.7s	40.90 234	P	05 28 58.0 -0.4	P
CMSA	Cobar Meteorol	39.53 243	P	05 28 58.0 -0.4	P
CMSA	baz=40,SNR=7.6	40.90 234	P	05 28 57.3 -1.1	P
TOO	Tooolangi	40.90 234	P	05 43 51.5	P
TOO	comp=Z,21nm,1.3s	40.90 234	P	05 28 58.0 -0.4	P
COEN	Coen	42.69 270	P	05 29 16.9 -0.8	P
COEN	comp=Z,7.1nm,0.7s	43.04 243	P	05 29 35.2 -0.8	P
STKA	Stevens Creek	43.04 243	P	05 29 35.2 -0.8	P
STKA	baz=4,SNR=6.3	43.04 243	P	05 29 50.0 -1.2	P
STKA	Stevens Creek	43.04 243	P	05 29 51.6	P
STKA	comp=Z,5.5nm,0.9s,baz=90,slo=9.9,SNR=10.0	47.78 243	P	05 29 51.2 -1.0	P
STKA	4.3nm,0.3s	47.78 243	P	05 29 51.4 -0.9	P
STKA	Stevens Creek	43.04 243	P	05 27 07.5	P
STKA	comp=Z,23nm,0.8s,baz=86,slo=8.5,SNR=149	49.86 255	P	05 29 50.9 -1.4	P
ASAR	Alice Springs	49.86 255	P	05 29 51.2 -1.0	P
ASAR	comp=Z,6.0nm,0.9s	49.86 255	P	05 29 51.4 -0.9	P
ASAR	Alice Springs	49.86 255	P	05 29 52.0	P
ASAR	comp=Z,23nm,0.8s,baz=86,slo=8.5,SNR=149	49.86 255	P	05 29 50.9 -1.4	P
ASAR	4.3nm,0.3s	49.86 255	P	05 29 50.9 -1.4	P
W3C	Warramunga Arr	49.86 255	P	05 29 51.3 -1.2	P
W3C	baz=50	49.86 255	P	05 29 51.4 -1.1	P
WB2	Warramunga Arr	49.90 260	P	05 29 50.3 -2.3	P
WB2	comp=Z,64nm,19.0s,baz=106,slo=38	49.90 260	P	05 49 03.5	P
WRAB	Tennant Creek	49.90 260	P	05 30 16.2 -0.3	P
WRAB	49.90 260	P	05 30 25.6 +0.1	P	
WRA	Warramunga Arr	49.9			

LZH sPKP 06 07 02.7
CMAR Chiang Mai Arr 147.58 343 PKPbc PKPdf 06 07 24.7 +2.3
comp=2.0,9nm,0.4,baz=336,slow=2.6,SNR=8.0

IDC 06 06:14:55.0-1.3,4.12S:103.99W,h0km,mb3.6/8,
mb1 3.9/8,mb1mx3.8/26,mbtmp3.6/8,MS3.9/20,
Ms1 3.9/20,ms1mx3.9/23,Error ellipse: s-maj=64.4km
s-min=21.7km az=60.0
GCMT 06 06:15:00.0-0.6,3.91S:103.96W,0.03,h18km,2km,
MW4.8/83,Moment Tensor Solution. s17,c17; s83,c106;
Duration: 0 Moment tensor: Scale 10^10Nm; Mr0.04,11;
Mw0.79,10; Mw0.83,12; Mw0.52,27; Mw1.0,10;
Ms0.99,29; Best double couple: Ms2.27500x10^16
NP1=279.00000°,S71.00000°,L-14.00000°. NP2:
0s14.00000°,S76.00000°,L-160.00000°. Principal axes:
T 2.0140, Plg4.0000°, Azm146.0000°; N 0.5220,
Plg66.0000°, Azm47.0000°; P -2.5360, Plg23.0000°.
Azm237.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Surface-wave
location Triangular moment-rate function

ISC 06 06:14:58.0-1.1,4.1S:102.139W,0.3,h18km,n35,
e097R/h,mb3.6/8,MS4.0/24,Central East Pacific Rise

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

IDC 06 06:18:09.3-7.7,17.09S:174.84W,h0km,mb3.9/3,
mb1 4.2/3,mb1mx3.6/32,mbtmp3.9/3,MS3.3/2,Ms1 3.3/2,
ms1mx2.7/34,Error ellipse: s-maj=338.3km
s-min=34.9km az=141.0,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Tonga Islands event.

DDA 06 06:18:28.2,35.89N:33.86E,h14km,2km,ML1.7
ISK 06 06:18:28.9,35.93N:33.93E,h15km,ML2.6/14
NIC 06 06:18:29.6,0.0,35.75N:33.65E,h3km,12km,ML1.7/2
KIZK 06 06:18:27.5-1.1,35.85N:02.3390E,0.04,h24km,12km,
n27,-1806/40,Cyprus Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Cyprus Island event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2014 July event.

INET 06 06:33:44.8, 12.74N:88.26W,h14km,ML4.3
IDC 06 06:33:45.4,1.6,12.96N:88.03W,h68km,1e6km,mb3.4/6,
mb1 3.8/8,mb1mx3.5/53,mbtmp3.7/8,Error ellipse:
s-maj=43.8km s-min=12.8km az=41.0
UCR 06 06:33:45.9,1.1,12.79N:88.30W,h54km,11km,ML3.8,
mb4.1(NEIC)
NEIC 06 06:33:45.8-1.2,12.77N:88.21W,0.03,h70km,9km,
mb4.1/39,Md3.9(SNET).Error ellipse: s-maj=8.1km
s-min=4.3km az=182.0
SNET 06 06:33:45.8-0.9,12.77N:88.30W,h50km,12km,ML3.9
ISC 06 06:33:44.9-0.8,12.74N:06:88.27W,0.03,h67km,6km,
n113,e0982/147,mb4.1/20,2C,Off coast of central
America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2014 July event.

OPAM Oficina de Pla 1.33 317 eP Pn 06 34 07.5 -0.1
OPAM Oficina de Pla 1.33 317 eS Sn 06 34 29.5 -0.6
OPAM 1.33 317 eS Sn 06 34 29.5 -0.6

SNET Serv Nac Est T 1.33 315 eP Pn 06 34 07.5 -0.2
SNET Serv Nac Est T 1.33 315 eS Sn 06 34 24.3 -0.4
SNET Serv Nac Est T 1.33 315 eS Sn 06 34 27.7 -0.4

comp=2.4um,0.2s Serv Nac Est T 1.33 315 eP Pn 06 34 07.5 -0.2
comp=2.4um,0.2s Serv Nac Est T 1.33 315 eS Sn 06 34 23.6 -1.2
comp=2.4um,0.2s Serv Nac Est T 1.33 315 eS Sn 06 34 08.0 -0.0

UNIVERSIDAD EV UES 1.36 316 eP Pn 06 34 24.9 -0.5
UNIVERSIDAD EV UES 1.36 316 eS Sn 06 34 08.0 -0.0
UNIVERSIDAD EV UES 1.36 316 eS Sn 06 34 24.9 -0.5

BOQS Boqueron 1.40 315 eP Pn 06 34 09.2 +0.5
BOQS Boqueron 1.40 315 eS Sn 06 34 27.6 +1.1
BOQS Boqueron 1.40 315 eS Sn 06 34 09.2 +0.5

JAYA Jayaque - finc 1.47 308 eP Pn 06 34 28.0 -0.3
JAYA Jayaque - finc 1.47 308 eS Sn 06 34 28.0 -0.3
JAYA San Andres 1.53 314 eP Pn 06 34 10.4 +0.2

CEDA CEDA 1.53 314 eP Pn 06 34 10.4 +0.2
CEDA CEDA 1.53 314 eS Sn 06 34 41.9 -0.0
CEDA CEDA 1.53 314 eS Sn 06 34 10.4 +0.2

TACO Tacachico 1.62 319 eP Pn 06 34 11.5 0.0
TACO Tacachico 1.62 319 eS Sn 06 34 36.9 -0.0
TACO Tacachico 1.62 319 eP Pn 06 34 11.5 0.0

TGUH Tegucigalpa,Un 1.63 36 eP Pn 06 34 11.9 +0.3
TGUH Tegucigalpa,Un 1.63 36 eS Sn 06 34 32.2 +0.4
TGUH Tegucigalpa,Un 1.63 36 eP Pn 06 34 11.9 +0.3

TGUH Tegucigalpa,Un 1.63 36 eS Sn 06 34 32.2 +0.4
TGUH Tegucigalpa,Un 1.63 36 eP Pn 06 34 11.9 +0.3
TGUH Tegucigalpa,Un 1.63 36 eS Sn 06 34 32.2 +0.4

SBSL San Blas 1.72 310 eP Pn 06 34 13.6 +0.6
SBSL San Blas 1.72 310 eS Sn 06 34 13.6 +0.6
SBSL San Blas 1.72 310 eP Pn 06 34 13.6 +0.6

SNJE San Jose 1.72 311 eP Pn 06 34 13.9 +0.9
SNJE San Jose 1.72 311 eS Sn 06 34 13.9 +0.9
SNJE San Jose 1.72 311 eP Pn 06 34 13.9 +0.9

NUBE Las Nubes 1.87 308 eP Pn 06 34 15.3 +0.3
NUBE Las Nubes 1.87 308 eS Sn 06 34 38.1 +0.3
NUBE Las Nubes 1.87 308 eS Sn 06 34 41.0

comp=2.774nm,0.3s ESQI Esquipulas 2.09 330 eP Pn 06 34 18.7 +0.8
ESQI Esquipulas 2.09 330 eS Sn 06 34 18.7 +0.8
ESQI Esquipulas 2.09 330 eS Sn 06 34 20.4 -0.2

MATN Matagalpa 2.29 85 Pn Sn 06 34 47.5 +0.3
BOAB BOAC BROADBAND 55 96 eP Pn 06 34 23.7 -0.3
ROAC Acopya 3.12 104 Pn Sn 06 34 31.5 -0.2

RETAL Retalhuleu 3.78 292 Pn Sn 06 34 41.4 +0.5
ESPN Las Esperanzas 3.91 98 Pn Sn 06 34 42.7 +0.1
JTS Las Juntas de 4.06 126 Pn Sn 06 34 46.0 +1.4

comp=2.3,2nm,0.3s,baz=3.7,slow=2.1,SNR=23 S JTS 06 35 30.1 -0.8
bazz=4.1,slow=1.9,SNR=1.0 PETF Flores 4.43 340 Pn 06 34 51.2 +1.4

HDC Heredia 4.90 123 Pn Sn 06 34 57.9 +1.7
CGIC Comitan 5.14 314 Pn Pn 06 35 01.7 +2.1
TEIG Tepich 7.45 360 Pn Pn 06 35 33.0 +2.1

comp=2.2,3nm,0.3s,baz=319,slow=3.8,SNR=18 TEIG Tepich 7.45 360 Pn Pn 06 35 32.3 +1.4
CMIG Matias Romero 7.72 305 Pn Pn 06 35 37.1 +2.3

comp=2.0,6nm,0.3s,baz=159,slow=1.4,SNR=8.6 CMIG 06 37 01.9 +1.1
comp=2.0,5nm,0.3s,baz=306,slow=1.8,SNR=22.0 MTJD Mount Denham 11.69 61 Pn Pn 06 36 29.9 +0.8

833A Chaparral WMA, 18.66 328 Pn Pn 06 37 58.1 -0.5
352A Blakely 18.90 9 P Pn 06 37 59.4 -0.7
DR12 Loma Pena Alta 19.14 69 P Pn 06 38 02.0 -0.9

UBMS Uruapan 19.50 354 P Pn 06 38 06.4 -0.9
435B Jarrell 19.91 336 P Pn 06 38 11.2 0.0
152A Waverly Hill 20.10 9 P Pn 06 38 13.5 +0.2

comp=2.7,2nm,0.7s BALUV El Balcon 20.21 99 P Pn 06 38 12.3 -2.3
247A Canton 20.37 0 P Pn 06 38 16.5 +0.5

JCT Junction 20.63 331 P Pn 06 38 19.4 +0.4
GOGA Godfrey 21.04 11 P Pn 06 38 24.8 +1.4
GOGA 21.04 11 P Pn 06 38 26.1

comp=2.9,4nm,0.7s Y49A Glout Mountain 21.09 4 P Pn 06 38 24.4 +0.5
TX31 Lajitas Ar. 21.85 321 P Pn 06 38 32.8 +0.7

TX32 Lajitas Array 21.85 321 P Pn 06 38 32.8 +0.7
TX32 21.85 321 P Pn 06 38 34.8
comp=2.4,7nm,0.7s TXAR Lajitas Array 21.85 321 P Pn 06 38 33.2 +1.1

comp=2.0,3nm,0.7s,baz=141,slow=6.1,SNR=3.7 PLAL Pickwick Lake 22.15 0 Iamb Iamb 06 38 35.4 +0.2
PLAL 22.15 0 Iamb Iamb 06 38 46.9

comp=2.9,3nm,1.5s MIAR Mount Ida 22.24 348 P Pn 06 38 36.5 +0.4
UALR Ural University 22.25 351 P Pn 06 38 36.6 +0.4

UALR 22.25 351 P Pn 06 38 38.2
comp=2.5,3nm,0.7s WHAR Woolly Hollow 22.75 351 P Pn 06 38 41.4 -0.2

TKL Tuckaleechee C 23.18 9 Iamb Iamb 06 38 45.5 -0.7
TKL 23.18 9 Iamb Iamb 06 38 48.7
W35A Tecumseh 23.64 342 P Pn 06 38 49.4 -0.8

U40A Yellville 23.88 351 P Pn 06 38 52.9 +0.6
U40A 23.88 351 P Pn 06 38 54.8
comp=2.5,5nm,0.9s HHAR Hobbs 23.99 349 P Pn 06 38 53.6 +0.3

HHAR 23.99 349 P Pn 06 38 54.5
comp=2.3,1nm,0.5s T45A Paducah 24.18 359 P Pn 06 38 55.0 0.0

AMT Amarillo 24.25 383 P Pn 06 39 01.8 -2.4
S39A Bolivar 25.26 351 P Pn 06 39 03.9 -0.9
S39A 25.26 351 P Pn 06 39 04.9

comp=2.6,4nm,0.8s CBN Corbin Frederi 27.16 19 P Pn 06 39 21.9 -0.1
CBN 27.16 19 P Pn 06 39 22.6

comp=2.7,5nm,0.8s O20A White River Cr. 32.47 331 P Pn 06 40 09.2 0.0
O20A 32.47 331 P Pn 06 40 12.0

comp=2.9,9nm,0.8s PDAR Pinedale Array 35.15 332 P Pn 06 40 32.5 0.0
PDAR 35.15 332 P Pn 06 40 32.5 0.0

comp=2.0,4nm,0.5s,baz=116,slow=10,SNR=5.6 HWUT Hardware Ranch 35.22 329 P Pn 06 40 32.9 -0.1
HWUT 35.22 329 P Pn 06 40 35.1

comp=2.2,3nm,0.8s AHID Auburn Hatcher 35.86 331 P Pn 06 40 37.2 -1.4
SNOW Snow King Moun 36.24 332 P Pn 06 40 42.3 +0.5

TPAW Teton Pass 36.25 332 P Pn 06 40 43.1 +0.4
TPAW 36.25 332 P Pn 06 40 46.0
comp=2.2,5nm,0.8s NVAR Mina Array Bea 36.96 319 P Pn 06 40 49.0 +0.9

comp=2.0,4nm,0.7s,baz=134,slow=8.2,SNR=4.1 YHL Hebgan Lake 37.51 333 P Pn 06 40 54.2 +1.6

GMCT Greycliff 37.61 335 P Pn 06 40 53.2 -0.1
AMT Amarillo 38.23 331 P Pn 06 41 00.8 -2.4
BOZ Bosman (W) 38.29 333 P Pn 06 40 58.0 +0.5

DLMT Dillon 38.54 332 P Pn 06 41 02.4 +1.2
DLMT 38.54 332 P Pn 06 41 02.5
comp=2.1,9nm,0.8s YKA Yellowstone Ar 53.13 345 P Pn 06 42 53.1 -2.4

comp=2.0,6nm,0.6s,baz=153,slow=7.4,SNR=10 YKA 06 43 13.3 +0.5
comp=2.0,6nm,0.6s,baz=150,slow=7.5,SNR=5.6 PLCA Paso Flores 55.67 164 P Pn 06 43 15.3 +1.0

Hinchbrook I 63.58 332 P Pn 06 44 08.9 +1.0
ILAR Elsieon Array 65.44 336 P Pn 06 44 18.3 -2.2
RND Reindeer 65.71 335 P Pn 06 44 21.9 -0.5

RND 65.71 335 P Pn 06 44 24.1
comp=2.1,8nm,0.8s BPAW Bear Paw Mtn. 66.84 335 P Pn 06 44 29.9 +0.4
BPAW 66.84 335 P Pn 06 44 30.8

comp=2.4,2nm,1.3s WRA Warramunga Arr 138.58 254 PKP PKIKP 06 53 06.0 -0.1
WRA 138.58 254 PKP PKIKP 06 53 06.0 -0.1

comp=2.0,4nm,0.5s,baz=90,slow=2.6,SNR=5.6 WRA 06 53 26.1 +2.7
comp=2.0,5nm,0.6s,baz=79,slow=1.8,SNR=4.8 ASAR Alice Springs 138.63 249 PKP PKIKP 06 53 06.3 +0.1
ASAR 138.63 249 PKP PKIKP 06 53 06.3 +0.1

MAN 06 06:34:55.0,9.52N:126.80E,h38km,mb4.8,ML3.7,MS3.6
NEIC 06 06:34:58.0,9.21N:0.08x126.3E,0.1,h35km,2km,
mb4.4/19,Error ellipse: s-maj=23.0km s-min=11.3km
az=111.0

IDC 06 06:34:59.0,7.4,9.24N:126.34E,h45km,75km,mb3.8/17,
mb1 3.9/17,mb1mx3.8/38,mbtmp4.1/17,MS3.3/7,
s-maj=37.1km s-min=11.3km az=64.0
s-min=13.7km az=64.0

ISC 06 06:34:58.0-0.7,9.52N:0.04,126.77E:0.07,h41km,n64,
e1893/63,mb4.2/28,4C-2D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2014 July event.

6d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Catarmán, Candoni, San Manuel, Kota Kinabalu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STE, KAPZ, ARUZ, EAK, etc.

2014 JUL

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNNZ, TASB, NAREK, Kars, DIGO, etc.

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

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARMA, CTA, CTAO, etc.

IDC 06 07:13:33.6, 40.79N, 144.37E, h5km, ML3.1/9
TIF 06 07:13:33.1, 40.77N, 144.41E, h7km, 1km
NSSP 06 07:13:33.7, 40.78N, 144.37E, h8km, MS3.1

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

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

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

Table with columns: NOA, ASAR, ASAG, TXAR. Includes station names, coordinates, and signal strength data.

IDC 06 07:40:23.72.1.5.56N.127.18E, h0km, mb3.4/4, mb1.3/6.4, mb1mx3.3/39, mbmp3.4/4, Error ellipse: s-maj=122.5km s-min=25.9km az=69.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists stations like FITZ, WRA, ASAR, MKAR.

UPA 06 08:13:18.6:1.6.9.54N.77.71W, h23km, 19km, MW3.7 RNSC 06 08:13:19.4:0.9.5.52N.77.71W, h19km, 9km, ML2.5

ISC 06 08:17.3.1.8.9.50N.0.06:77.73W.0.03, h16km, 13km, n18, c0.96/30.2C, Near north coast of Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists stations like CAP2, WRA, ASAR, MKAR, MIRA3, UPA, CHOR3, BCIP, ZANG, SJCC, AZU, ZAR, SMLC, HELC, PTBC.

MAN 06 08:17:07.4, 13.51N.120.56E, h36km, mb3.7, ML2.5, MS2.0, 2C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists stations like PGP, LUBP, TGY, LQP, SJMP, BOAC, BUSEP, ENPP.

IDC 06 08:28:00.9:0.9.6.39S.152.99E, h0km, mb4.1/11, mb1.4/3.14, mb1mx4.1/30, mbmp4.1/14, ML3.6/3, MS3.2/8, Ms1.3/3.8, ms1mx3.0/27, Error ellipse: s-maj=29.1km s-min=15.0km az=116.0

NEIC 06 08:28:02.5:1.6.6.34S.0.06:153.0E:0.1, h10km, 1km, mb4.5/28, Error ellipse: s-maj=20.3km s-min=10.3km az=99.0

ISC 06 08:28:05.6:0.6.6.34S.0.06:153.0E:0.1, h31km, n52, c1510/54, mb4.4/25, MS3.2/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists stations like KRVT, RABL, PMG, WRO, WRA, ASAR, ASAG, MKAR, STKA, FITZ, JUNU.

Table with columns: KRSR, PEAOB, PETK, SONMG, BILL, TTA, TRF, MKAR, FID, RND, MCK, ZALV, CCB, COLA, VLDI, IL31, ILAR, COLD, DOT, SCRK, KURK, EGAK, DAWY, EPYK, W18A, CLL, GRES, BDFB, TORD. Lists various stations and their coordinates.

SOME 06 08:37:22.1, 39.55N.76.02E, h10km NNC 06 08:37:25.3:1.1.39.67N.75.98E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=7.3km s-min=6.3km az=160.0

KRNET 06 08:37:32.9:0.1.30.51N.75.85E, mb3.0 ISC 06 08:37:22.7.2.3.39.84N.0.09:75.98E:0.04, h9km, 19km, n54, c1564/84, 19C-12Z, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists stations like KZA, TARG, ARLS, ARLS, OHH, ULHL, ULHL, KDJ, KDJ, UCH, UCH, ARSB, BOOM, BOOM, AAK, AAK, TKM2, TKM2, KST, KST, IZV, IZV, IZV, IZV, TNSS, TNSS, TNSS, TNSS, MTBS, MTBS, MTBS, DGS, DGS, DGS, DGS, MDOK, MDOK.

Table with columns: MDOK, MDOK, MDOK, MDOK, KOTS, KOTS, MRKS, MRKS, MRKS, SATY, SATY, SATY, SATY, SGDS, SGDS, KRBS, KRBS, KRBS, KRBS, KTBS, KTBS, KTBS, KURS, KURS, KURS, KURS, UZB, UZB, UZB, UZB, KUU, KUU, KUU, CHKK, CHKK, CHKK, CHKK, KPKS, KPKS, SHLS, SHLS, SHLS, SHLS, ARXS, ARXS, ARXS, ARXS, MNBS, MNBS, MNBS, MNBS, KK31, BTLS, BTLS, BTLS, KAPS, KAPS, KAPS, IDC 06 08:44:34.9:2.4.5.06S.146.35E, h126km, 22km, mb3.7/4, mb1.3/8.7, mb1mx3.4/29, mbmp4.1/7, MS3.1/1, Ms1.3/1.1, ms1mx2.4/26, Error ellipse: s-maj=26.2km s-min=18.6km az=72.0

6d 9h

KNRA	comp	Z	22nm,1.3s	I	Amb	I	Amb	08 49	12.4
AS31	Alice Springs	21.98	212	P	P	P	P	08 49	20.3 +1.2
ASAR	Alice Springs	21.98	212	P	P	P	P	08 49	20.1 +1.0
SOE	Soe	22.34	257	P	P	P	P	08 49	23.3 +0.4
FITZ	Fitzroy Crossi	23.97	236	P	P	P	P	08 49	38.3 +0.6
FITZ	comp	Z	9.4nm,0.5s,baz=47,slow=9.9,SNR=45	LR	LR	LR	LR	08 50	44.4
STKA	Stephens Creek	26.98	189	P	P	P	P	08 50	06.5 +1.7
BBOO	Buckleboo	35.17	198	P	P	P	P	08 50	26.1 +1.9
BBOO	comp	Z	0.4nm,0.4s,baz=35.4,slow=8.9,SNR=2.8	I	Amb	I	Amb	08 50	38.0
PUH	Pauahi	62.45	65	P	P	P	P	08 54	43.4 -1.4
CASY	Casey	65.92	195	P	P	P	P	08 55	06.5 0.0
CASY	comp	Z	3.6nm,1.1s	I	Amb	I	Amb	08 55	09.8
QSPA	South Pole Qui	84.84	180	P	P	P	P	08 56	56.6 +2.0
ILAR	Eielson Array	84.94	23	P	P	P	P	08 56	54.9 0.0
MENT	Mentasta	85.57	26	P	P	P	P	08 56	58.8 +0.7
MENT	comp	Z	1.0nm,0.6s,baz=249,slow=5.1,SNR=12	I	Amb	I	Amb	08 57	14.2
YAH	Yahitse	85.61	28	P	P	P	P	08 56	57.8 -0.8

KRNET 06 09:10:39.6:0.1,43.28N:75.55E,h17km,mb2.9
 NNC 06 09:10:39.7:0.3,43.31N:75.57E,h0km,mb3.5,mpv3.4,
 Error ellipse: s-maj=2.7km s-min=1.8km az=18.0

SOME 06 09:10:39.7:43.28N:75.53E,h10km
 KNVT 06 09:10:40.4:0.7,43.26N:75.53E,h8km,2km,ml1.8,Error
 ellipse: s-maj=5.7km s-min=2.1km az=23.0

ISC 06 09:10:39.7:0.9,43.28N:0.02:75.54E:0.01,h8km,7km,
 n92,ϕ1503/166,39C-46D,Lake Issyk-Kul region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
DGS	Degeres	0.18	104	Op	09 10 43.4	-0.1	
DGS	baz=2.0			↑eS	09 10 45.6	-0.4	
DGS	Degeres	0.18	104	Op	09 10 43.4	-0.1	
DGS	63nm,0.2s			eS	09 10 45.6	-0.4	
DGS	Degeres	0.18	104	P	09 10 43.4	-0.1	
DGS	64nm,0.2s			S	09 10 45.6	-0.4	
DGS	Degeres	0.18	104	P	09 10 43.4	-0.1	
DGS	63nm,0.1s			S	09 10 45.6	-0.4	
TKM2	Tokmak 2	0.36	173	Op	09 10 47.1	+0.1	
TKM2	baz=75			↑iS	09 10 52.1	+0.3	
TKM2	Tokmak 2	0.36	173	Op	09 10 47.1	+0.1	
TKM2	20nm,0.1s,SNR=102			↑iS	09 10 52.2	+0.4	
TKM2	365nm,0.1s			↑iS	09 10 47.6	+0.1	
KST	Kastek	0.39	128	Op	09 10 47.6	+0.1	
KST	baz=28			↑iS	09 10 53.0	+0.4	
KST	Kastek	0.39	128	Op	09 10 47.6	+0.1	
KST	26nm,0.1s			↑iS	09 10 53.0	+0.4	
KST	101nm,0.2s			P	09 10 47.6	+0.1	
KST	Kastek	0.39	128	P	09 10 47.6	+0.1	
KST	41nm,0.1s			S	09 10 53.0	+0.4	
KRBS	Karabastau	0.42	14	Op	09 10 47.9	-0.2	
KRBS	61nm,0.1s			eS	09 10 53.4	-0.3	
KRBS	Karabastau	0.42	14	P	09 10 47.9	-0.2	
KRBS	61nm,0.1s			S	09 10 53.4	-0.3	
CHMS	Chumysh	0.64	244	Op	09 10 52.1	0.0	
CHMS	baz=45			↑iS	09 11 01.0	+0.5	
CHMS	Chumysh	0.64	244	Op	09 10 52.5	+0.4	
CHMS	4.8nm,0.1s,SNR=16			↑iS	09 11 01.4	+0.9	
CHMS	55nm,0.2s			↑iS	09 10 52.5	-0.2	
MTBS	Maitube	0.67	103	Op	09 10 52.5	-0.2	
MTBS	baz=3.0			↑iS	09 11 01.6	+0.2	
MTBS	Maitube	0.67	103	Op	09 10 52.5	-0.2	
MTBS	11nm,0.2s			↑iS	09 11 01.6	+0.2	
MTBS	Maitube	0.67	103	P	09 10 52.5	-0.2	
MTBS	11nm,0.2s			S	09 11 01.6	+0.2	
MTBS	Maitube	0.67	103	P	09 10 52.5	-0.2	
MTBS	35nm,0.2s			S	09 10 52.9	0.0	
SGDS	Sogindiy	0.68	285	P	09 10 52.9	0.0	
SGDS	11nm,0.2s			S	09 11 02.2	+0.3	
USP	Ospenovka	0.76	269	Op	09 10 54.5	+0.2	
USP	baz=70			↑iS	09 11 04.6	+0.4	
USP	Ospenovka	0.76	269	Op	09 10 54.5	+0.2	
USP	7.0nm,0.2s,SNR=36			↑iS	09 10 54.4	0.0	
KBK	Karagaybulak	0.76	215	Op	09 11 04.4	+0.1	
KBK	baz=16			↑iS	09 11 04.4	+0.1	
KBK	Karagaybulak	0.76	215	Op	09 10 55.1	-0.2	
FRU1	Bishkek	0.82	235	Op	09 10 55.1	-0.3	
FRU1	baz=36			↑iS	09 11 06.5	+0.4	
IZV	Izvestkoviy	0.82	107	Op	09 10 55.4	-0.2	
IZV	baz=7.0			↑eS	09 11 06.3	0.0	
IZV	Izvestkoviy	0.82	107	Op	09 10 55.4	-0.2	
IZV	8.8nm,0.1s			eS	09 11 06.3	0.0	
IZV	Izvestkoviy	0.82	107	P	09 10 55.4	-0.2	
IZV	8.8nm,0.1s			S	09 11 06.3	0.0	
KUU	Kurty	0.84	43	Op	09 10 55.4	-0.5	
KUU	baz=43			↑iS	09 11 06.3	-0.7	
KUU	Kurty	0.84	43	Op	09 10 55.4	-0.5	
KUU	9.9nm,0.1s			↑iS	09 11 06.2	-0.7	
KUU	25nm,0.1s			P	09 10 55.4	-0.5	
KUU	Kurty	0.84	43	P	09 10 55.4	-0.5	
KUU	13nm,0.2s			S	09 11 06.2	-0.7	
KUU	38nm,0.3s			S	09 11 06.2	-0.7	
BOOM	Boomsokoye usch	0.85	159	Op	09 10 55.4	-0.6	
BOOM	baz=60			↑iS	09 11 06.9	-0.1	
KTBS	Karatobe	0.94	62	Op	09 10 57.2	-0.5	
KTBS	11nm,0.1s			eS	09 11 09.4	-0.5	
KTBS	Karatobe	0.94	62	P	09 10 57.3	-0.5	
KTBS	57nm,0.5s			S	09 11 09.4	-0.5	
KTBS	Karatobe	0.94	62	P	09 10 57.3	-0.5	
KTBS	11nm,0.1s			S	09 11 09.4	-0.5	
KTBS	Karatobe	0.94	62	P	09 10 57.3	-0.5	
KTBS	57nm,0.5s			S	09 11 09.4	-0.5	
AAK	Ala-Archa	1.00	230	Op	09 11 12.5	-0.3	
AAK	baz=31			↑iS	09 11 12.5	-0.3	
AAA	Alma-Ata	1.01	94	Op	09 10 59.0	-0.1	
AAA	baz=93			eS	09 11 12.7	-0.2	
AAA	Alma-Ata	1.01	94	Op	09 10 59.0	-0.1	
AAA	baz=93			Sb	09 11 12.7	-0.2	
AAA	Alma-Ata	1.01	94	Op	09 10 59.0	-0.1	
AAA	48nm,0.1s			eS	09 11 12.7	-0.2	
AAA	38nm,0.1s			eS	09 11 12.7	-0.2	

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AAA	Alma-Ata	1.01	94	P	Pg	09 10 59.0	-0.1
AAA	48nm,0.1s			S	Sb	09 11 12.7	-0.2
TNSS	Tian-Shan	1.06	103	Op	Pg	09 10 59.9	-0.2
TNSS	baz=3.0			↑eS	Sg	09 11 13.9	-0.1
TNSS	Tian-Shan	1.06	103	Op	Pg	09 10 59.9	-0.2
TNSS	12nm,0.1s			eS	Sg	09 11 13.8	-0.1
TNSS	Tian-Shan	1.06	103	P	Pg	09 10 59.7	-0.5
TNSS	29nm,0.1s			S	Sg	09 11 13.8	-0.1
TNSS	Tian-Shan	1.06	103	P	Pg	09 10 59.7	-0.5
TNSS	12nm,0.1s			S	Sg	09 11 13.8	-0.1
MDOK	Medeo	1.11	96	Op	Pg	09 11 00.6	-0.5
MDOK	baz=95			↑eS	Sg	09 11 14.8	-0.7
MDOK	Medeo	1.11	96	Op	Pg	09 11 00.6	-0.5
MDOK	13nm,0.1s			eS	Sg	09 11 14.8	-0.7
MDOK	Medeo	1.11	96	Op	Pg	09 11 00.3	-0.8
MDOK	18nm,0.1s			eS	Sg	09 11 14.8	-0.7
MDOK	Medeo	1.11	96	Op	Pg	09 11 00.3	-0.8
MDOK	6.4nm,0.4s			↑P	Sg	09 11 14.9	-0.7
MDOK	6.3nm,0.4s			↑P	Sg	09 11 14.9	-0.7
MDOK	Medeo	1.11	96	Op	Pg	09 11 00.4	-0.6
MDOK	9.6nm,0.2s			Lg	Lg	09 11 14.8	
MDOK	17nm,0.2s			Lg	Lg	09 11 14.8	
KOTS	Kotrybulak	1.15	92	Op	Pb	09 11 01.2	-0.7
KOTS	baz=92			eS	Sb	09 11 16.6	-0.5
KOTS	Kotrybulak	1.15	92	Op	Pb	09 11 01.2	-0.7
KOTS	25nm,0.2s			eS	Sb	09 11 16.6	-0.5
KOTS	Kotrybulak	1.15	92	P	Pb	09 11 01.2	-0.7
KOTS	26nm,0.2s			S	Sb	09 11 16.6	-0.5
ULHL	Ulhal	1.16	153	Op	Pg	09 11 01.3	-0.8
ULHL	baz=53			↑iS	Sb	09 11 16.5	-0.6
ULHL	Ulhal	1.16	153	Op	Pb	09 11 01.6	-0.5
ULHL	7.1nm,0.1s,SNR=32			↑P	Pb	09 11 17.1	
ULHL	19nm,0.2s			↑P	Pb	09 11 17.1	
CHKK	Chushkaly	1.20	61	Op	Pb	09 11 01.9	-0.8
CHKK	baz=61			eS	Sb	09 11 17.6	-0.7
CHKK	Chushkaly	1.20	61	Op	Pb	09 11 01.9	-0.8
CHKK	3.4nm,0.1s			eS	Sb	09 11 17.6	-0.7
CHKK	Chushkaly	1.20	61	Op	Pb	09 11 01.9	-0.8
CHKK	54nm,0.2s			eS	Sb	09 11 17.6	-0.7
CHKK	Chushkaly	1.20	61	P	Pb	09 11 01.9	-0.8
CHKK	4.9nm,0.1s			S	Sb	09 11 17.6	-0.7
CHKK	54nm,0.2s			S	Sb	09 11 17.6	-0.7
KZA	Kyzart	1.22	190	Op	Pb	09 11 02.3	-1.0
KZA	baz=91			↑iS	Sg	09 11 18.8	-0.3
KZA	Kyzart	1.22	190	Op	Pb	09 11 03.7	+0.2
KZA	4.6nm,0.1s,SNR=19			↑P	Pn	09 11 03.7	+0.2
UCH	Uchtor	1.30	216	Op	Pb	09 11 03.7	-0.8
UCH	baz=16			↑iS			

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like PFO Pinyon Flats O, T25A Trinidad, MVCO Mesa Verde, etc.

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like BOZ Bozeman (W), YBH Yreka Blue Hor, YBH Yreka Blue Hor, etc.

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like GALT Aradan, ARDR Abakan, ELT Eitsovka, etc.

MAN 06 10:30:45.8, 1679N:119.81E, h19km, mb4.1, ML2.9, MS2.5, Luzon

MDD 06 10:43:55.0, 1.3, 32.49N: 16.12W, h25km, 16km, mb4.6/29, Error ellipse: s-maj=9.2km s-min=4.0km az=138.0, PRXIMO

IGIL 06 10:43:59.0, 32.66N: 16.11W, h2km, ML3.1, INMG 06 10:44:00.8, 1.6, 32.66N: 16.11W, h10km, MD3.3, ML3.2, Error ellipse: s-maj=6.5km s-min=2.7km az=80.0

CNRM 06 10:44:00.3, 0.6, 32.86N: 16.12W, h40km, Error ellipse: s-maj=10.3km s-min=4.6km az=173.0, ISC 06 10:43:54.9, 0.7, 32.80N: 16.04W, h15km, 0.04, h10km, n110, #282/164, 2C, Madeira Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BOLDP Bolinao, BOLDP Santa Cruz, BOLDP Dolores, etc.

NEIC 06 10:24:00.1, 1.8, 13.34S: 0.07W, 167.3E: 0.2, h195km, 11km, mb4.9/29, Error ellipse: s-maj=31.1km s-min=10.4km az=91.0

IDC 06 10:24:00.3, 7.3, 13.29S: 167.18E, h194km, 77km, mb3.3/6, mb1 3.4/7, mb1mx3.2/35, mbtmbp3.8/7, Error ellipse: s-maj=61.9km s-min=30.3km az=156.0

ISC 06 10:24:00.5, 1.3, 13.43S: 0.1x167.3E: 0.2, h200km, n18, #091/19, mb3.8/9, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SANVU Saraoutout, DZM Mont Dzumac, DZM Mont Dzumac, etc.

ASRS 06 10:28:00.5, 0.2, 51.1N: 1.90E, h10km, ML3.2/16, smi: org.gfz-potsdam.de/geofon/LOC/SAT earth/ModelID/ smi: org.gfz-potsdam.de/geofon/lab/confirmed

NMC 06 10:28:01.5, 1.9, 51.29N: 89.70E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=20.9km s-min=7.1km az=91.0

ISC 06 10:28:00.8, 0.5, 21.24N: 0.003, 89.75E: 0.02, h10km, n33, #2521/62, 4C-3D, Southwestern Siberia

6d 11h

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like CTAD Las Tabladas, CORC Orchilla, EAH EAH, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like PMRV Marv??o, PCBR Castelo Branco, EMIJ Mijas, etc.

300

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like WRA Warramunga Arr, WRA Alice Springs, CTA Charters Tower, etc.

IDC 06 11:32:02.4, 1.2, 55.34S, 27.92W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/23, mbmtmp4.0/3, Error ellipse: s-maj=86.5km s-min=26.2km az=99.0

NEIC 06 11:32:04.2, 0.5, 55.4S, 0.1, 28.1W, 0.2, h10km, 1km, mb4.1/4, Error ellipse: s-maj=27.5km s-min=15.4km az=53.0

ISC 06 11:32:06.5, 0.9, 55.4S, 0.1, 28.1W, 0.2, h26km, n16, 0.076/14, mb4.1/4, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HOPE Hope Point, SNAAS Sanae, HO9W1 TRISTAN DA CUN, etc.

GCG 06 11:34:19.0, 0.6, 15.555N, 87.79W, h35km, 944km, MD3.8

SNET 06 11:34:26.5, 0.9, 15.31N, 88.33W, h16km, 8km, ML3.5

UCR 06 11:34:26.6, 1.0, 15.32N, 88.31W, h18km, 9km, ML3.4

ISC 06 11:34:27.1, 1.6, 15.30N, 0.07, 88.29W, 0.04, h2km, 13km, n43, 0.059/80, Honduras

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MRL Marmol, TGUH Tegucigalpa, FAGO Alcaldia de S, etc.

IDC 06 11:30:47.6, 1.6, 4.37S, 137.97E, h0km, mb3.9/1, mb1.4/1.8, mb1mx3.8/38, mbmtmp4.0/8, ML3.9/6, Error ellipse: s-maj=38.1km s-min=23.8km az=128.0

ISC 06 11:30:51.7, 1.1, 4.60S, 0.10, 138.0E, 0.1, h35km, n8, 0.346/12, Irian Jaya

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JAY Jayapura, PMG Port Moresby, BATI Baumata, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like 6d11h, 4V8A Smith Brothers, 25.42 357 Iamb Iamb, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like R57A Stanardville, 28.60 11 P P, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like TUC Tucson, 32.16 317 P Iamb, etc.

XPFO	Pion Flat	36.82 314	P	P	11 49 48.5	+2.1
PFO	Pinyon Flats O	36.82 314	LR	LR	12 06 30.7	
PFO	Pinyon Flats O	36.82 314	P	P	11 49 48.8	+2.3
PFO	Pinyon Flats O	36.82 314	P	P	11 49 48.0	+1.6
GMRC	Granite Mounta	36.91 316	P	P	11 49 49.3	+2.2
109C	Camp Elliot, M	36.91 312	P	P	11 49 49.6	+2.6
4D8A	Paudash Townsh	36.93 4	P	P	11 49 44.6	-2.4
MSU	Marysvale	37.01 324	P	P	11 49 49.4	+1.3
MSU	Beulah Townshi	37.06 4	ScP	ScP	11 55 54.9	+3.5
4D9A	Beulah Townshi	37.06 4	P	P	11 49 46.5	-1.6
D51A	Lot 18 Range I	37.07 7	P	P	11 49 46.6	-1.6
D52A	ZEK Kipawa Sen	37.08 8	P	P	11 49 47.1	-1.2
D50A	G1974 Best Tow	37.10 6	P	P	11 49 46.6	-1.7
G62A	West of Eustis	37.11 17	P	P	11 49 48.6	+0.1
K22A	Casper	37.22 334	Iamb	Iamb	11 49 50.5	
TCRU	Three Creeks R	37.23 324	P	P	11 49 51.2	+1.2
D53A	Lac Vavie, Po	37.28 9	P	P	11 49 48.9	-1.1
D53A	Lac Vavie, Po	37.28 9	Iamb	Iamb	11 49 49.6	
MURC	Murieta	37.34 313	P	P	11 49 53.4	+2.7
HEC	Hector, Ludlow	37.39 316	P	P	11 49 53.8	+2.6
F60A	Warwick	37.40 15	P	P	11 49 50.3	-0.6
RXSD	Black Hills	37.44 338	P	P	11 49 51.9	+0.3
RSSD	Black Hills	37.44 338	P	P	11 52 09.0	-0.5
E58A	La Victoria	37.45 14	P	P	11 49 50.4	-0.9
TUQC	Turquoise Moun	37.45 317	P	P	11 49 53.8	+2.1
BBRC	Big Bear Solar	37.49 315	P	P	11 49 55.0	+2.8
D54A	Lac Fusel, La	37.52 10	P	P	11 49 50.3	-1.7
SHRP	Sheep Range	37.57 319	Iamb	Iamb	11 49 55.6	
D56A	Sainte-Anne-du	37.60 11	P	P	11 49 51.0	-1.6
D55A	ZEC Mazaana, M	37.77 12	P	P	11 49 52.6	-1.5
D57A	Chemin Vers le	37.92 13	P	P	11 49 54.0	-1.3
SHOC	Shoshone, Teco	37.95 317	P	P	11 49 57.9	+2.1
GSC	Goldstone, Bar	37.97 316	P	P	11 49 57.9	+1.8
GSC	Goldstone, Bar	37.97 316	Iamb	Iamb	11 49 59.3	
BFSC	Mount Baldy Ra	38.00 314	P	P	11 49 58.5	+2.1
SCI2	San Clemente I	38.01 312	P	P	11 49 59.2	+2.9
JLU	Jordanelle	38.05 327	P	P	11 49 56.3	-0.6
CIS	Catalina Islan	38.12 312	P	P	11 49 59.8	+2.5
FMP	Fort Macarthur	38.19 313	P	P	11 50 01.7	+3.9
D58A	Chemin du LacG	38.22 14	P	P	11 49 56.6	-1.3
TCUT	Toone Canyon	38.40 328	P	P	11 49 59.5	-0.3
DECC	Green Valley	38.49 314	P	P	11 50 03.3	+2.9
DUG	Dugway, Toeole	38.52 325	P	P	11 50 01.9	+1.2
DUG	Dugway, Toeole	38.52 325	Iamb	Iamb	11 50 03.2	
LATQ	La Tuque	38.58 14	Iamb	Iamb	11 50 09.6	-0.7
LATQ	La Tuque	38.58 14	Iamb	Iamb	11 50 00.1	
TPNV	Topopah Spring	38.54 319	P	P	11 50 03.1	+2.2
EDW2	Edwards Air Fo	38.57 315	P	P	11 50 03.0	+1.9
FURC	Furnace Creek,	38.66 318	P	P	11 50 03.9	+2.1
LRMC	Laurel Mtn Rad	38.67 316	P	P	11 50 04.2	+2.2
PDAR	Pinedale Array	38.69 331	P	P	11 50 00.8	-1.4
PDAR	comp=Z,2.4nm,0.6s,baz=140,slow=5.1,SNR=8.4		PcP	PcP	11 52 13.3	-0.1
PDAR	comp=Z,2.2nm,0.9s,baz=123,slow=5.5,SNR=14		ScP	ScP	11 55 59.1	+1.5
BW06	Boulder Array	38.69 331	P	P	11 50 01.8	-0.4
HWUT	Hardware Ranch	38.83 328	P	Iamb	11 50 02.8	-0.5
HWUT	Hardware Ranch	38.83 328	P	Iamb	11 50 04.4	
HWUT	Hardware Ranch	38.83 328	P	P	11 52 14.8	+1.0
MPMC	Manual Prospec	38.85 317	P	P	11 50 05.3	+1.6
SNCC	San Nicolas Is	38.86 311	P	P	11 50 06.7	+3.3
R11A	Troy Canyon, C	38.95 321	P	P	11 50 06.0	+1.6
R11A	Troy Canyon, C	38.95 321	Iamb	Iamb	11 50 07.1	
AGMN	Agassiz Nation	38.95 349	P	P	11 50 02.4	-1.6
AGMN	Agassiz Nation	38.95 349	Iamb	Iamb	11 50 19.9	
PRPB	Parauapebas	38.95 113	eP	P	11 50 03.9	-0.6
BGU	Big Grassy Mou	39.14 326	P	P	11 50 06.5	+0.6
BGU	Big Grassy Mou	39.14 326	P	P	11 52 15.5	+0.7
ALV	Santo Antonio	39.19 311	eP	P	11 50 06.3	-0.1
SALVC	Arvin	39.28 314	eP	P	11 50 09.9	+2.6
GRAC	Grapevine Rang	39.30 318	P	P	11 50 09.5	+2.4
SCZ2	Santa Cruz Isl	39.30 312	P	P	11 50 09.6	+2.4
ISA	Isabella, Lake	39.31 315	P	P	11 50 09.6	+2.2
ISA	Isabella, Lake	39.31 315	P	P	11 50 09.3	+1.9
ISA	Isabella, Lake	39.31 315	P	P	11 52 16.5	+1.2
LSQQ	Lebel-sur-Quev	39.32 9	P	P	11 50 05.1	-2.0
AHID	Auburn Hatcher	39.44 330	P	P	11 50 07.5	-0.9
AHID	Auburn Hatcher	39.44 330	P	Iamb	11 50 09.1	
AHID	Auburn Hatcher	39.44 330	P	P	11 52 16.9	+1.2
CWC	Cottonwood Cr	39.46 317	P	P	11 50 10.5	+1.8
SNOW	Snow King Moun	39.79 331	Iamb	Iamb	11 50 13.0	
VES	Vestal, Richg	39.83 315	P	P	11 50 14.1	+2.6
PKM	Mpherson Peak	39.86 313	P	P	11 50 14.3	+2.2
TIN	Tinemat, Big	39.90 317	P	P	11 50 15.0	+2.8
TPAW	Teton Pass	39.91 331	Iamb	Iamb	11 50 17.5	
SMMC	Simmler	40.20 314	P	P	11 50 17.3	+2.6
FLWY	Flagg Ranch	40.23 331	Iamb	Iamb	11 50 16.5	
ELK	Elko	40.26 324	LR	LR	12 07 57.3	
ELK	Elko	40.26 324	Iamb	Iamb	11 50 17.2	
RLMT	Red Lodge	40.39 334	P	P	11 50 15.9	-0.3
LAO	LASA Array	40.43 338	P	P	11 50 16.9	+0.5
LAO	LASA Array	40.43 338	P	P	11 50 15.8	-0.7
NVAR	Mina Array Bea	40.72 319	P	P	11 50 20.7	+1.5
NVAR	comp=Z,5.3nm,0.7s,baz=137,slow=4.8,SNR=3.3		PcP	PcP	11 52 20.8	+0.8
NVAR	comp=Z,3.5nm,0.7s,baz=137,slow=5.0,SNR=2.5		ScP	ScP	11 56 07.7	+2.1
NVAR	comp=Z,3.5nm,0.8s,baz=143,slow=5.0,SNR=2.5		LR	LR	12 09 10.3	

OMMB	Old Mammoth M	40.72 318	Iamb	Iamb	11 50 23.1	
MDPB	Devils Postill	40.78 318	Iamb	Iamb	11 50 22.7	
LDL	Lac du Bonnet	40.83 350	P	P	11 50 17.4	-2.2
ULM	Lac du Bonnet	40.83 350	P	Iamb	11 50 17.2	-2.3
PMB	Monarch Peak	41.22 315	P	P	11 50 24.7	+1.7
DGMT	Dagmar	41.26 341	P	P	11 50 22.9	-0.3
DGMT	Dagmar	41.26 341	Iamb	Iamb	11 50 42.4	
HLID	Hailey	41.70 328	P	P	11 50 27.5	+0.5
HLID	Hailey	41.70 328	P	P	11 50 27.0	-0.1
HLID	Hailey	41.70 328	P	P	11 52 24.4	+1.5
BOZ	Bozeman (W)	41.81 332	P	P	11 50 28.2	+0.4
CMB	Columbia Colie	41.87 317	Iamb	Iamb	11 50 30.7	
SAO	San Andreas Ge	41.94 315	P	P	11 50 30.9	+2.0
SAO	San Andreas Ge	41.94 315	Iamb	Iamb	11 50 35.4	
ARAG	Araguainia, MT	42.03 127	eP	P	11 50 29.6	-0.3
VCNR	Virginia City	42.08 319	Iamb	Iamb	11 50 32.8	
SMTB	Santa Maria do	42.09 116	P	P	11 50 30.4	-0.1
PAHR	Pah Rah Range	42.19 320	Iamb	Iamb	11 50 33.0	
RUBR	Rubicon Trail	42.27 319	P	P	11 50 33.2	+1.5
RUBR	Rubicon Trail	42.27 319	Iamb	Iamb	11 50 38.0	
AFDM	Forest Hills D	42.75 318	P	P	11 50 36.1	+0.7
EGMT	Eagleton	42.90 336	P	P	11 50 36.4	-0.2
PEX	Peake	42.98 120	eP	P	11 50 37.4	-0.2
ROSB	Rosario	43.06 105	eP	P	11 50 37.4	-0.9
C2SB	Capadado do Su	43.11 132	eP	P	11 50 39.1	+0.5
JORV	Joroville	43.42 318	Iamb	Iamb	11 50 44.1	
OR8	Circle Bar Sol	43.78 325	Iamb	Iamb	11 50 46.8	
MSO	Missoula	43.80 332	P	P	11 50 43.9	-0.1
H03N2	Juan Fernandez	43.86 172	T	T	12 36 56.1	
H03N1	Juan Fernandez	43.87 172	T	T	12 37 19.4	
H03N3	Juan Fernandez	43.88 172	T	T	12 37 22.9	
GDXM	Geysters	43.89 317	Iamb	Iamb	11 50 47.5	
MOD	Modoc Plateau	43.97 322	P	P	11 50 45.3	-0.2
O03E	Paynes Creek	44.01 319	P	P	11 50 45.9	+0.2
K05A	Summer Lake	44.81 323	Iamb	Iamb	11 50 53.5	
M04C	Macdoel	44.85 321	P	P	11 50 52.8	+0.4
KCPM	Cahto Peak	44.86 317	Iamb	Iamb	11 50 56.1	
N02D	Trinity Center	44.95 319	P	P	11 50 52.4	-0.8
BDFB	Brasilia	45.03 124	P	P	11 50 54.1	0.0
BDFB	Brasilia	45.03 124	P	LR	12 12 16.0	
BDFB	Brasilia	45.03 124	P	P	11 50 54.4	+0.2
K04D	Chiloquin, OR	45.07 322	P	P	11 50 56.6	+0.9
M02C	Callahan	45.27 320	P	P	11 50 55.0	-0.7
G08A	Pilot Rock	45.28 327	P	P	11 50 55.5	-0.3
J05D	Fort Rock, OR	45.34 323	P	P	11 50 56.3	0.0
YBH	Yreka Blue Ho	45.37 320	LR	LR	12 13 05.9	
YBH	Yreka Blue Ho	45.37 320	P	P	11 50 55.3	-1.2
L04D	Klamath Falls	45.38 321	P	P	11 50 56.9	+0.2
CPUP	Villa Florida	45.42 144	P	P	11 50 56.2	-0.6
PINE	Pine Mountain	45.47 324	P	P	11 50 57.0	-0.4
PINE	Pine Mountain	45.47 324	P	P	11 52 37.4	+1.7
ITRB	Iturama	45.52 131	eP	P	11 50 58.1	+0.2
E09A	Wood Farm, Sta	45.65 328	Iamb	Iamb	11 50 59.4	
J04D	Umpqua Nation	45.84 322	P	P	11 51 00.7	+0.4
KRMB	Red Mountain	46.01 319	Iamb	Iamb	11 51 03.9	
I05D	Terrebonne, OR	46.02 324	P	P	11 51 02.8	+1.2
SDBA	SAO DESIDERIO	46.04 118	eP	P	11 51 01.2	-0.9
PCMB	Pacambu	46.05 134	eP	P	11 51 02.0	0.0
IPHB	Phinny Hill Vi	46.15 127	eP	Iamb	11 51 04.0	
F07A	Phinny Hill Vi	46.19 327	Iamb	Iamb	11 51 04.8	
HAWA	Hanford	46.29 327	Iamb	Iamb	11 51 03.8	-0.2
I04A	Tenck Farm Sta	46.33 323	P	P	11 51 03.8	-0.2
NEW	Newport	46.34 331	LR	LR	12 13 14.7	
NEW	Newport	46.34 331	P	P	11 51 03.0	-1.0
K02D	Willamet Mer	46.48 321	P	P	11 51 05.3	+0.1
G05D	Wamic, OR	46.55 325	P	P	11 51 07.0	+1.4
C09A	Chrisman Ranch	46.58 330	P	P	11 51 05.3	-0.5
C09A	Chrisman Ranch	46.58 330	P	P	11 52 40.2	+0.9
SCHO	Schefferville	46.84 15	P	P	11 51 05.1	-2.6
SCHO	Schefferville	46.84 15	P	LR	12 11 34.1	
SCHO	Schefferville	46.84 15	P	P	11 51 05.0	-2.7
SCHO	Schefferville	46.84 15	Iamb	Iamb	11 51 06.6	
I03D	Drain, OR	46.84 322	P	P	11 51 08.3	+0.4
J01E	Myrtle Point	46.90 321	P	P	11 51 09.4	+1.0
H04D	Lebanon	46.94 324	P	P	11 51 08.2	-0.5
F05D	White Salmon	47.02 326	P	P	11 51 10.4	+1.1
I02D	Swissness	47.36 322	P	P	11 51 12.7	+0.8
LTY	Liberty	47.45 328	Iamb	Iamb	11 51 13.1	
PTGB	Pitanga	47.55 137	eP	P	11 51 13.5	-0.3
F04A	Amboy	47.58 325	P	P	11 51 13.0	-0.7
F04A	Amboy	47.58 325	Iamb	Iamb	11 51 30.4	
G03D	McMinnville, O	47.64 324	P	P	11 51 14.8	+0.7
BB19B	Bedouro	47.71 131	eP	P	11 51 15.2	+0.2
JANB	Januria	47.80 121	eP	P	11 51 15.2	-0.5
D05A	Enumclaw	48.11 327	Iamb	Iamb	11 51 18.7	
FRTB	Fartura	48.36 134	eP	P	11 51 19.9	-0.1
D04E	Lakebay	48.52 326	P	P	11 51 2	

TIPB	Shuangxi	0.48 317	iP	Pg	12 08 19.1	-0.3
TIPB	baz=315		eS	Sg	12 08 25.3	-0.7
TWE	Neicheng	0.49 282	iP	Pg	12 08 18.9	-0.5
TWE	baz=281		eS	Sb	12 08 26.6	+0.2
NWF	Wu-fen Shan	0.58 320	eP	Pn	12 08 22.6	-0.3
WFBS	Wu-fen Shan	0.58 320	eP	Pn	12 08 22.9	+0.1
WFBS	baz=319		eS	Sn	12 08 31.3	-0.7
NFD	Datong Townshi	0.62 269	iP	Pg	12 08 21.5	-0.4
NFD	baz=267		eS	Sg	12 08 30.5	+0.4
NDT	Wulai	0.65 284	eP	Pb	12 08 21.9	-0.3
NWLT	Wulai	0.65 284	eP	Pb	12 08 31.2	+0.2
TWA	Mucha	0.66 303	eP	Pg	12 08 23.1	-0.8
TWA	baz=302		eS	Sg	12 08 31.6	+0.1
NHDH	Xindian Distri	0.70 300	eP	Pn	12 08 24.9	+0.5
NACB	Ninganchiao	0.70 321	iP	Pb	12 08 22.9	-0.3
NACB	baz=230		eS	Sg	12 08 32.8	0.0
JYNG	Yonanjijimaku	0.71 103	P	Pg	12 08 23.9	+0.4
JYNG	Taipei	0.73 299	eP	Pn	12 08 34.3	+0.6
TATO	Taipei	0.74 305	eS	Sg	12 08 33.3	-0.4
TAP1	Taipei	0.74 305	eS	Sg	12 08 34.6	-1.1
YHNB	Yeheng	0.74 274	eP	Pn	12 08 24.0	-0.2
YHNB	baz=273		eS	Sg	12 08 34.0	-0.1
NNSB	Datong	0.76 256	P	Pb	12 08 23.9	-0.4
NNSB	baz=255		eS	Sn	12 08 35.5	-0.9
NNSH	Datong	0.76 256	P	Pb	12 08 24.0	-0.3
NNSH	baz=255		eS	Sn	12 08 35.2	-1.2
YOJ	Yonanjijima	0.76 102	eP	Pg	12 08 24.5	0.0
YOJ	baz=101		S	Sg	12 08 35.2	+0.5
YOJ	Yonanjijima	0.76 102	P	Pg	12 08 24.7	+0.2
YOJ	baz=101		S	Sg	12 08 35.7	-0.6
TWD	Chiawan	0.76 225	eP	Pn	12 08 24.3	-0.2
TWD	baz=224		eS	Sg	12 08 35.8	-0.5
ETLH	Xiulin Townshi	0.77 238	eP	Pg	12 08 24.4	-0.2
ETLH	baz=237		eS	Sg	12 08 35.8	-0.5
NNS	Nan Shan	0.77 257	P	Pg	12 08 24.2	-0.4
NNS	baz=255		S	Sn	12 08 35.8	-0.8
YMO1	YMO1	0.77 313	eP	Pn	12 08 25.2	-0.3
YMO1	baz=312		eS	Sg	12 08 35.3	+0.3
YMO1	YMO1	0.78 314	eP	Pb	12 08 23.8	-0.9
YMO1	baz=313		eS	Sn	12 08 35.7	+0.1
YMO5	YMO5	0.79 314	eP	Pn	12 08 25.7	+0.1
YMO5	baz=312		eS	Sn	12 08 35.2	-0.6
YMO4	YMO4	0.80 312	eP	Pn	12 08 26.1	+0.3
YMO4	baz=313		eS	Sn	12 08 35.7	+0.1
ANP	Anpu	0.83 313	eP	Pn	12 08 26.6	+0.2
ANP	baz=312		eS	Sn	12 08 35.7	+0.1
TWY	Chenhua	0.85 321	eP	Pn	12 08 26.6	+0.1
TWY	baz=320		eS	Sn	12 08 37.4	+0.8
TWS1	Kuangyinshan	0.85 305	eP	Pn	12 08 27.7	+1.2
TWS1	baz=304		eS	Sn	12 08 39.4	+1.2
WLTB	Daxi	0.89 285	eP	Pn	12 08 28.0	+1.0
WLTB	baz=284		eS	Sn	12 08 40.8	+1.5
WHF	Hehuan Shan	0.97 241	P	Pn	12 08 28.0	-0.5
WHF	baz=240		eS	Sn	12 08 41.5	-0.5
NCUH	Zhongli	0.98 291	eP	Pg	12 08 29.0	+0.4
NCUH	baz=290		eS	Sn	12 08 43.9	+2.2
TDCB	Techi	1.01 249	P	Pb	12 08 28.2	-0.3
PCYL	Peigchayiu	1.01 354	P	Pb	12 08 28.0	-0.5
ESLT	Shilin	1.06 221	eP	Pg	12 08 29.9	-0.3
LIOB	Emei	1.07 272	eP	Pg	12 08 30.9	+0.6
LIOB	baz=271		eS	Sg	12 08 47.1	+2.7
CHGB	Renai	1.08 239	eP	Pg	12 08 30.2	-0.4
CHGB	baz=238		eS	Sn	12 08 31.6	+1.0
NSTT	Nanjung	1.08 271	eP	Pg	12 08 31.6	+1.0
NSTT	baz=270		eS	Sg	12 08 46.4	+1.5
WHP	Taichung City	1.19 254	eP	Pg	12 08 32.8	+0.3
WHP	baz=253		eS	Sg	12 08 49.1	+1.1
NWLT	Miaoli	1.28 267	eP	Pg	12 08 34.8	+0.5
NWLT	baz=266		eS	Sg	12 08 34.2	-0.5
DPDB	Guoxing	1.29 228	eP	Pg	12 08 34.2	-0.4
DPDB	baz=228		eS	Sg	12 08 34.2	-0.4
TWQ1	Liyutan	1.32 259	eP	Pb	12 08 33.4	-0.4
TWQ1	baz=257		eS	Sg	12 08 35.0	-0.1
HGSD	Ruisui	1.32 216	eP	Pg	12 08 35.0	-0.1
HGSD	baz=215		eS	Sg	12 08 35.1	-0.8
EHY	Hungye	1.36 216	eP	Pg	12 08 36.0	-0.4
EHY	baz=215		eS	Sg	12 08 36.0	-0.4
SMLT	Sun Moon Lake	1.39 238	eP	Pg	12 08 35.5	+0.4
SMLT	baz=237		eS	Sn	12 08 35.5	+0.4
SSLB	Suangng	1.40 234	eP	Pb	12 08 36.5	-0.3
SSLB	baz=233		eS	Sn	12 08 34.2	-0.3
IRIF	Iriromote-Funau	1.43 101	P	Pn	12 08 52.5	-0.3
IRIF	baz=100		S	Sn	12 08 35.8	-0.5
YULB	Yuli	1.47 214	eP	Pb	12 08 38.7	-0.3
YULB	baz=213		eS	Sn	12 08 39.0	-0.1
WHYT	Xinyi Township	1.53 233	eP	Pg	12 08 38.7	-0.3
WHYT	baz=232		eS	Sn	12 08 39.0	-0.1
FULB	Fulli	1.64 210	eP	Pb	12 08 41.9	0.0
FULB	baz=210		eS	Sn	12 08 41.9	0.0
ALR	Alishan	1.68 229	eP	Pn	12 08 41.9	0.0
ALR	baz=228		eS	Sn	12 08 59.4	0.0
JKRS	Kuro-shima	1.70 103	P	Pn	12 08 59.4	0.0
JKRS	baz=103		S	Sn	12 08 43.4	+0.4
CHNS	Tsauling	1.72 234	eP	Pg	12 08 40.4	+0.9
CHNS	baz=233		eS	Sn	12 08 40.4	+0.9
JJU	Ishigaki jima	1.80 98	P	Pn	12 08 05.1	0.0
JJU	baz=98		S	Sn	12 08 05.1	0.0
JISG	Ishigakijima	1.93 30	eS	Sn	12 08 05.1	0.0
CHN4	Tsashan	1.93 230	eP	Pn	12 08 45.2	-1.5
CHN4	baz=229		eS	Sn	12 08 45.0	+0.7
TPUB	Ta-pu	1.94 228	eP	Pb	12 08 46.9	+0.5
TPUB	baz=227		eS	Sn	12 08 45.6	-1.3
CHN1	Nanshi	2.09 227	eP	Pn	12 08 45.6	-1.3
CHN1	baz=226		eS	Sn	12 08 46.8	+0.5
JTTJ	Tarama	2.29 89	P	Pn	12 08 14.4	+0.5
JTTJ	baz=89		S	Sn	12 08 14.4	+0.5

IDC 06 12:13:34.0-7.25:03S:175:33W,h0km,mb4,4/15, mb1 4.5/17,mb1mx3.4/37,mbtmp4.4/17,ML4.5/2,MS3.6/6, Ms1 3.6/6,ms1mx3.2/21,Error ellipse: s-maj=22.6km s-min=18.2km az=135.0
 NEIC 06 12:13:38.1±2.8,25:17S:0:08:175:1W:0.1, h30km,4km, mb4/22,Error ellipse: s-maj=14.8km s-min=11.5km az=106.0
 ISC 06 12:13:39.8±0.6,25:12S:0:07:175:27W:0:10, h35km,n64, r1916/54,mb4.5/23,MS3.8/7, South of Tonga Islands

RAO	Raoul Island	4.75 209	Pn	Pn	12 14 47.6	-1.3
RAO	127nm,0.3s,baz=62,slow=20,SNR=3.5		Sn	Sn	12 15 41.8	-0.9
RAO	comp=Z,136nm,20.2s,baz=40,slow=29		LR	LR	12 15 51.3	
RAO	Raoul Island	4.75 209	Pn	Pn	12 14 47.2	-1.7
MSVF	Nonsavu	9.62 318	Pn	Pn	12 15 57.4	+1.4
AFI	Afiamau	11.62 17	Pn	Pn	12 16 23.2	-0.2
RAR	Rarotonga	14.77 78	Pn	Pn	12 16 54.8	-1.1
RAR	14nm,0.3s,baz=235,slow=6.5,SNR=19		Sn	Sn	12 19 20.9	-28
RAR	3.1nm,0.3s,baz=295,slow=12,SNR=2.0		LR	LR	12 21 40.2	
RAR	comp=Z,201nm,21.0s,baz=280,slow=33		LR	LR	12 21 40.2	
RAR	Rarotonga	14.77 78	Pn	Pn	12 16 55.3	-1.1
DZM	Mont Dzumac	17.03 276	Pn	Pn	12 17 33.5	-2.0
DZM	0.9s,0.3s,baz=95,slow=7,SNR=11		ePn	ePn	12 17 39.0	+2.0
DZM	Mont Dzumac	17.03 276	ePn	ePn	12 17 39.0	+2.0
DZM	63nm,0.9s		Iamb	Iamb	12 17 39.5	+2.5
BFZ	Birch Farm	17.06 202	Pn	Pn	12 17 35.7	0.0
BFZ	comp=Z,59nm,1.1s		Iamb	Iamb	12 17 43.9	
BSWZ	Blackbirch Sta	18.84 206	P	Pn	12 17 58.5	+1.0
THZ	Tophouse	19.28 208	P	Pn	12 17 59.1	-1.8
THZ	comp=Z,41nm,1.4s		Iamb	Iamb	12 18 18.5	
TBI	Tubuai	23.59 91	eLR	LR	12 24 13.0	
PPT2	Papeete	25.05 78	eLR	LR	12 24 48.4	
PPT2	comp=Z,457nm,27.0s		eLR	eLR	12 24 48.4	
PPT2	comp=Z,542nm,26.2s		LR	LR	12 25 45.3	
PPT2	Papeete	25.05 78	LR	LR	12 25 45.3	
ARMA	Armidade	29.70 252	P	P	12 19 44.1	+1.3
ARMA	comp=Z,28nm,1.4s		Iamb	Iamb	12 19 53.3	
EIDS	Eidsvold	30.39 262	P	P	12 19 50.4	+1.6
EIDS	comp=Z,8.5nm,0.6s		Iamb	Iamb	12 19 50.8	
TOO	Toolangi	35.49 240	P	P	12 20 34.1	+0.9
CTA	Charters Tower	35.79 270	P	P	12 20 35.2	-0.7
CTA	comp=Z,12nm,0.8s,baz=107,slow=11,SNR=20		Iamb	Iamb	12 20 36.9	+0.1
CTAO	Charters Tower	35.79 270	P	P	12 20 36.9	+0.1
CTAO	comp=Z,13nm,0.8s		Iamb	Iamb	12 30 22.1	
RKT	Rikitea	36.74 96	eLR	LR	12 30 22.1	
STKA	Stevens Creek	38.31 250	P	P	12 20 56.8	-0.5
STKA	comp=Z,4nm,0.6s,baz=96,slow=11,SNR=13		P	P	12 20 58.3	+1.1
STKA	Stevens Creek	38.31 250	P	P	12 21 01.9	-1.0
PMG	Port Moresby	38.97 287	P	P	12 21 02.6	-0.3
PMG	comp=Z,22nm,0.7s,baz=89,slow=9,SNR=5.5		P	P	12 21 02.6	-0.3
BBOO	Buckleboo	42.96 248	P	P	12 21 35.5	-0.2
BBOO	comp=Z,15nm,1.2s		Iamb	Iamb	12 21 46.6	
AS31	Alice Springs	46.09 261	P	P	12 21 60.0	-0.8
ASAR	Alice Springs	46.09 261	P	P	12 21 59.4	-1.4
ASAR	comp=Z,3.9nm,0.6s,baz=98,slow=6.5,SNR=32		PcP	PcP	12 23 69.4	+0.2
ASAR	Warramunga Arr	46.43 266	P	P	12 22 02.4	-1.1
WR0	Warramunga Arr	46.43 266	P	P	12 22 14.3	
WR0	comp=Z,9.3nm,1.2s		Iamb	Iamb	12 22 03.2	-1.7
WB2	Warramunga Arr	46.61 266	P	P	12 22 20.8	
WB2	comp=Z,16nm,1.5s		Iamb	Iamb	12 22 03.4	-1.6
WB0	Warramunga Arr	46.62 266	P	P	12 22 04.7	
WB0	comp=Z,6.2nm,0.8s		Iamb	Iamb	12 22 02.7	-2.2
WRA	Warramunga Arr	46.62 266	P	P	12 22 02.7	-2.2
WRA	comp=Z,4.3nm,0.7s,baz=104,slow=7.8,SNR=20		LR	LR	12 40 45.6	
FORT	Forrest	49.94 250	P	P	12 22 29.0	-1.4
KNRA	Kunurra	52.98 269	P	P	12 22 52.6	-0.8
FITZ	Fitzroy Crossi	55.89 287	P	P	12 23 08.1	-0.1
CASY	Casey	60.93 206	P	P	12 23 50.3	+1.5
CASY	comp=Z,4.8nm,0.8s		Iamb	Iamb	12 23 50.5	
TNTI	Ternate	61.10 286	P	P	12 23 50.2	-0.7
GIFL	Giralda	63.82 282	P	P	12 24 10.7	+1.8
GSPA	Great Pole Qui	64.98 180	P	P	12 24 16.6	+0.7
GSPA	comp=Z,1.6nm,0.7s,baz=34,slow=1.6,SNR=7.6		P	P	12 24 16.9	+0.9
QSPA	South Pole Qui	64.98 180	P	P	12 25 19.7	-0.2
MJAR	Matsushiro Arr	75.40 323	P	P	12 25 19.7	-0.2
MJAR	comp=Z,3.9nm,0.7s,baz=132,slow=3.6,SNR=10		P	P	12 25 35.3	+0.7
MAW	Mawson	78.08 199	P	P	12 25 36.6	+1.9
MAW	comp=Z,1.8nm,0.6s,baz=147,slow=9.2,SNR=9.6		P	P	13 57 06.6	
H03S2	Juan Fernandez	81.34 123	T	T	13 57 15.0	
H03S2	baz=244		T	T	13 57 07.3	
H03S3	Juan Fernandez	81.36 123	T	T	13 57 07.3	
H03S3	baz=244		T	T	13 57 13.8	
PETK	Petropavlovsk	81.37 344	P	P	13 57 1	

Table with columns: YKA, comp-Z, 1.4nm, 0.8s, baz=135, slow=4.5, SNR=6.9, pP, 12.35 44.2 +0.4

Table with columns: H1S12, WAKE ISLAND Hyt 26.84 280 T, 15 01 00.7, T

Table with columns: H1S13, WAKE ISLAND Hyt 26.86 280 T, 15 00 52.0, T

Table with columns: ASAR, Alice Springs 132.35 210 PKP, 12 41 33.6 -0.3

Table with columns: WRA, Warramunga Arr 135.28 213 PKP, 12 41 40.3 -0.6

Table with columns: MAN 06 13:14:51.0, 16:50N:120:02E, h32km, mb3.7, ML2.4, MS1.9, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: UALR, University of 2028 349 P, 13 31 30.4 +1.1

Table with columns: MIAR, Mount Ida 23.32 346 P, 13 31 30.3 +0.6

Table with columns: W39A, Magazine 23.99 346 P, 13 31 36.9 +0.7

Table with columns: U49A, Red Boiling Sp 24.55 3 P, 13 31 42.9 +1.4

Table with columns: MNTX, Cornudas Mount 25.94 322 P, 13 31 55.1 +1.0

Table with columns: ELK, Elko 37.92 324 P, 13 33 40.5 +1.2

Table with columns: ILAR, Gileason Array 66.67 336 P, 13 37 10.6 -1.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: TTSI, Tana Toraja 9.79 269 P, 13 41 05.0 -0.6

Table with columns: SPSI, Sidrap Palu 9.89 263 P, 13 41 07.1 +0.1

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

Table with columns: WRA, Warramunga Arr 17.60 165 P, 13 42 45.5 -3.7

IDC 06 13:26:21.5, 1.2, 12.82N:85.95W, h0km, mb3.77, mb1 4.1/8, mb1mx3.7/39, mbtmp3.7/8, ML3.4/1, MS3.1/4, Ms1 3.1/4, ms1mx2.8/29, Error ellipse: s-maj=93.6km s-min=19.6km az=63.0

INET 06 13:26:25.8, 1.182N:87.13W, h17km, ML3.9, UCR 06 13:26:26.3, 2.6, 1.1, 93N:86.99W, h14km, 29km, MD3.8, mb4.3(NEIC)

NEIC 06 13:26:26.1, 1.2, 11.87N:0.08:87.14W:0.07, h43km, 10km, mb4.3/43, Error ellipse: s-maj=12.6km s-min=8.3km az=217.0

ISC 06 13:26:21.1, 1.8, 11.88N:0.05:87.11W:0.06, h8km, 11km, n80, c1/09/84, mb4.2/24, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

IDC 06 13:27:39.2, 2.1, 0.27N:126.49E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.2/36, mbtmp3.2/3, Error ellipse: s-maj=191.8km s-min=27.8km az=65.0

DJA 06 13:27:44.1, 1.0, 0.2, 2.12, 12.5E:1, h14km, 7km, M3.3/8, MLV3.3/8

ISC 06 13:27:43.5, 1.2, 0.26S:0.06:125.41E:0.05, h10km, n8, c1/44/11, mb3.0/3, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

IDC 06 13:42:24.9, 9.8, 16.33S:172.40W, h0km, mb3.9/2, mb1 4.1/2, mb1mx3.5/32, mbtmp3.9/2, Error ellipse: s-maj=398.7km s-min=67.5km az=142.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with 5 columns: Station Name, Az, El, AzM, ElM. Includes stations like Svendsen Farm, Paris, CCM Cathedral Cave, etc.

BJI 06 15:37.40.6.0.0, 19:40Sx177.75W, h510km, mb5.0/31, m4.0/42

NEIC 06 15:37.43.6.1.6, 19:02Sx01:09:177.77W.0.10, h558km, 5km, mb5.0/121, Error ellipse: s-maj=13.8km s-min=12.0km az=118.0

KLM 06 15:37.45.0.0, 19:59S:177.80W, h548km, mb5.0, Hypocentre not reviewed by the ISC

IDC 06 15:37.45.5.0.6, 19:89S:177.91W, h565km, 6km, mb4.2/28, mb1.4.3/31, mb1mx4.2/46, mbmp5.2/31, Error ellipse: s-maj=8.7km s-min=7.0km az=151.0

GCMT 06 15:37.47.6.0.4, 20:01S:03:177.78W.0.03, h585km, 2km, MW5.4/78, Moment Tensor Solution, s78,c108, Duration: 1s2 Moment tensor: Scale 1017Nm; Mw=0.06;04; Mw=0.97;06; Mw=1.03;06; Mw=0.70;06; Mw=0.66;05; Mw=0.25;06; Best double couple: M1: 5.7200e+10 N1: 3.37.00000; 862.00000; 1.3.00000; NP2: 2.46.00000; 888.00000; 1.152.00000; Principal axes: T: 1.5730, Plg21.0000, Azm198.0000; N: 0.020, Plg2.0000; Azm62.0000; P: -1.5700, Plg18.0000; Azm295.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 06 15:37.44.3.0.4, 19.85Sx0.04:177.82W.0.05, h558km, 5km, h560km:pp-P.n423, r192/468, mb4.9/117, 44C-4d, Fiji Islands region

Main table of station data with columns: Code, Station Name, Az, El, AzM, ElM, Phase ID, Time Res, h, s, ISC. Lists numerous stations like MSFV, NIUE, NIUE, etc.

Table with 5 columns: Station Name, Az, El, AzM, ElM. Includes stations like KWAJ, CNW, KWB, Canberra Magna, etc.

Main table of station data with columns: Station Name, Az, El, AzM, ElM, Phase ID, Time Res, h, s, ISC. Lists numerous stations like STKA, STKA, STKA, etc.

Table with 5 columns: Station Name, Az, El, AzM, ElM. Includes stations like MORW, MORW, MORW, etc.

Main table of station data with columns: Station Name, Az, El, AzM, ElM, Phase ID, Time Res, h, s, ISC. Lists numerous stations like WBSI, BNSI, SPSI, etc.

6d 16h

2014 JUL

Table of astronomical data for 6d 16h, listing objects like CN2, KLR, MAW, etc. with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for 2014 JUL, listing objects like VRI, KSP, NIE, etc. with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for SQTA, VNDS, ABTA, etc. with columns for name, coordinates, magnitude, and other parameters.

Table for KRSC 06:15:39.05+1.3,48.88N x 156:73E, listing station names and coordinates.

MAN 06:16:07:52.4, 3:27N x 121:89E, h466km, mb4.7, ML3.6, MS3.5

ICD 06:16:07:55.7, 0:7, 3:61N x 122:86E, h558km, mb3.6/27, mb1.3/733, mb1mx3.5/46, mbtmp4.6/33, Error ellipse: s-maj=1.1,0km s-min=5.9km az=75.0

NEIC 06:16:07:55.5, 1:4, 3:63N x 0:08, 122:86E:0.09, h555km, 6km, mb4.7/76, Error ellipse: s-maj=13.6km s-min=11.0km az=70.0

DJA 06:16:07:55.8, 0:2, 4:2N x 123:38E, h541km, 2km, M4.5/43, mb4.4/43, mb5.0/13, MLV5.0/13, Mw(m)B4.3/13, Mw(p)5.7/1

KLM 06:16:07:56.0, 3:71N x 122:90E, h544km, mb4.7, Hypocentre not reviewed by the ISC

ISC 06:16:07:54.8, 0:3, 3:63N x 0:04, 122:87E:0.05, h545km, m192, a192/214, mb4.5/65, 3C-1D, Celebes Sea

Table of astronomical data for KRSC 06:15:39.05+1.3,48.88N x 156:73E, listing station names and coordinates.

6d 16h

TYV	comp=Z,40nm,0.9s	pmax	pmax			
TYV	comp=E,225nm,1.4s	smax	smax			
TYV	comp=E,3um,7.3s	smax	smax			
JKA	Kamikawa-asahi	4.93 227	eP	Pn	16 20 49.0 +1.7	
JKA	Kamikawa-asahi	4.93 227	S	Pn	16 20 48.4 +1.1	
JKA	Kamikawa-asahi	4.93 227	P	Pn	16 21 53.7 +0.5	
ASAJ	Asahikawa	4.93 227	P	Pn	16 20 49.0 +1.7	
ASAJ	comp=E,8.0nm,0.3s,baz=57,slow=10.0,SNR=106	S	S	Pn	16 21 53.7 +0.5	
JAK	comp=E,3.8nm,0.3s,baz=329,slow=33,SNR=10	Akkeshi	5.02 206	eP	Pn	16 20 46.4 -1.8
JAK				S	16 21 50.0 -4.9	
JHR	Hokuryu	5.64 230	P	Pn	16 20 56.1 +1.3	
JCH	Churui	5.80 213	P	Pn	16 20 55.1 -1.5	
JCH			eS	S	16 22 04.5 -5.6	
SKR	Severo-Kuril's	6.38 58	eP	Pn	16 21 03.3 +0.7	
SKR			eS	AMB	16 21 04.0	
SKR	comp=E,397nm,0.5s		eS	S	16 22 20.0 -1.4	
SKR			A	A	16 22 24.0	
SKR	comp=E,91nm,0.6s		A	A	16 22 24.0	
SKR	comp=E,86nm,0.6s		A	A	16 22 24.0	
SKR	Severo-Kuril's	6.38 58	ePN	Pn	16 21 03.1 +0.5	
SKR			eS	pmax	16 22 18.7 -2.7	
SKR	comp=Z,700nm,1.6s		pmax	pmax		
SKR	comp=Z,397nm,0.5s		pmax	pmax		
SKR	comp=Z,100nm,2.6s		smax	smax		
SKR	comp=N,91nm,0.6s		smax	smax		
SKR	comp=E,86nm,0.5s		smax	smax		
ERM	comp=Z,100nm,12.0s		MLR	MLR		
ERM	Erimo	6.40 212	ePN	Pn	16 21 02.6 -0.5	
ERM			pmax	pmax		
ERM	comp=Z,114nm,0.5s		pmax	pmax		
ERM	Erimo	6.40 212	Pn	Pn	16 21 02.5 -0.6	
OKH	Okha	6.70 335	eP	S	16 21 10.7 +3.9	
OKH			eS	S	16 22 32.6 +4.7	
OKH	Okha	6.70 335	ePN	P	16 21 10.7 +3.9	
PAU	Pauzhetka	7.13 53	eP	P	16 21 11.6 -0.1	
PAU			AMB	AMB	16 21 12.4	
PAU	comp=Z,320nm,0.5s		eS	S	16 22 37.0 +0.1	
PAU			A	A	16 22 46.1	
PAU	comp=Z,170nm,0.3s		A	A	16 22 46.1	
PAU	comp=Z,250nm,0.3s		A	A	16 22 46.1	
JKB	Kayabe	7.37 222	P	Pn	16 21 12.1 -1.8	
JKB			eS	S	16 22 34.2 -7.8	
JOT	Ohata	7.77 220	P	Pn	16 21 15.8 -2.7	
JOT			eS	S	16 22 41.3 -9.1	
JOSM	Okushiri-Mats	7.98 230	P	Pn	16 21 19.8 -1.1	
JOSM			eS	S	16 22 47.3 -7.5	
GRNR	Gornyy	8.02 298	eP	P	16 21 22.7 +1.0	
GRNR			AMB	AMB	16 21 23.1	
GRNR	comp=Z,10.0nm,0.5s		AMB	AMB	16 21 23.1	
GRNR	comp=Z,90nm,0.5s		AMB	AMB	16 21 23.1	
GRNR	comp=Z,110nm,0.5s		AMB	AMB	16 21 23.1	
GRNR	Gornyy	8.02 298	ePN	pmax	16 21 22.7 +1.0	
GRNR			pmax	pmax		
GRNR	comp=Z,110nm,0.4s		pmax	pmax		
GRNR	comp=N,10.0nm,0.8s		MLR	MLR		
GRNR	comp=E,230nm,11.0s		MLR	MLR		
GRNR	comp=N,120nm,12.0s		MLR	MLR		
GRNR	comp=Z,300nm,12.0s		MLR	MLR		
PEAOB	Petropavlovsk-	8.49 45	cePN	Pn	16 21 26.6 +0.1	
PEAOB	Petropavlovsk-	8.49 45	P	Pn	16 21 26.6 +0.1	
PETK	Petropavlovsk-	8.49 45	P	Pn	16 21 27.3 +0.4	
PETK	comp=Z,8.1nm,0.3s,baz=210,slow=8.3,SNR=160		P	Pn	16 23 02.5 -2.8	
PETK	comp=Z,3.1nm,0.3s,baz=144,slow=1.4,SNR=12		eP	P	16 21 31.5 0.0	
PET	Petropavlovsk	8.92 48	eP	P	16 21 31.5 0.0	
PET			AMB	AMB	16 21 34.1	
PET	comp=Z,80nm,0.6s		eS	S	16 23 10.7 -3.6	
PET	Petropavlovsk	8.92 48	ePN	S	16 23 08.1 -6.2	
PET			eS	S	16 23 08.1 -6.2	
PET	comp=Z,84nm,0.6s		pmax	pmax		
PET	comp=Z,100nm,13.0s		MLR	MLR		
PET	comp=Z,100nm,16.0s		MLR	MLR		
PET	Petropavlovsk	8.92 48	Pn	Pn	16 21 31.0 -0.4	
KLR	Kul'dur	10.70 285	eP	Pn	16 21 53.5 +1.3	
KLR	comp=Z,5.2nm,0.3s,baz=87,slow=9.7,SNR=99		P	Pn	16 21 52.6 +0.4	
KLR	Kul'dur	10.70 285	eP	Pn	16 21 52.6 +0.4	
EKMR	Ekimchan	10.88 306	eP	P	16 21 53.5 +0.1	
EKMR			AMB	AMB	16 21 58.0	
USA0B	Ussuriysk Arra	11.42 259	d/PN	P	16 21 59.6 +0.2	
USA0B	Ussuriysk Arra	11.42 259	P	P	16 21 59.7 +0.3	
USRK	Ussuriysk Ar.	11.42 259	P	P	16 21 59.7 +0.3	
USRK	baz=66,slow=11,SNR=77		S	S	16 24 04.3 -1.7	
VLA	Vladivostok	11.94 254	eP	P	16 22 04.7 -0.5	
VLA	Vladivostok	11.94 254	d/PN	P	16 22 04.7 -0.5	
MA2	Magadan	12.18 8	P	P	16 22 07.1 -0.4	
MA2	comp=Z,5.2nm,0.3s,baz=187,slow=9.4,SNR=47		P	P	16 22 06.0 -1.6	
MA2	Magadan	12.18 8	i/PN	P	16 22 06.7 -0.9	
MA2	Magadan	12.18 8	P	P	16 22 16.0 +1.0	
MSHR	Mys Shultsa	12.67 253	cePN	Pn	16 22 16.0 +1.0	
MSHR			pmax	pmax		
MDJ	Mudanjiang	12.87 263	P	P	16 22 16.0 +0.6	
MDJ			sP	S	16 24 04.7	
MDJ			S	S	16 24 33.8 -1.6	
MDJ	comp=Z,83nm,1.1s		pmax	pmax		
MDJ	comp=Z,280nm,3.6s		pmax	pmax		
MDJ	Mudanjiang	12.87 263	P	P	16 22 15.9 +0.4	
MJB9	Matsu-Tunnel	13.04 216	P	Pn	16 22 18.8 -0.7	
MAJO	Matsushiro	13.04 216	P	Pn	16 22 18.5 +1.1	
MAJO	Matsushiro	13.04 216	P	Pn	16 22 18.8 -0.7	
MAT	Matsushiro	13.04 216	P	Pn	16 22 18.5 -0.9	
MAT			S	S	16 24 31.5 -7.6	
MAT			P	Pn	16 22 19.4 -0.1	
MJAR	Matsushiro Arr	13.04 216	S	S	16 24 42.7 +3.6	
MJAR	baz=33,slow=17,SNR=4.6		S	S	16 24 42.7 +3.6	
BMKR	Bonnak	13.78 308	eP	Pn	16 22 26.6 -1.1	
BMKR			AMB	AMB	16 22 27.0	
BMKR	comp=Z,38nm,0.2s		AMB	AMB	16 22 27.0	
BMKR	comp=Z,32nm,0.2s		AMB	AMB	16 22 27.0	
BMKR	comp=Z,66nm,0.2s		AMB	AMB	16 22 27.0	
ZEA	Zeya	14.31 303	eP	P	16 22 31.2 +0.2	
ZEA			AMB	AMB	16 22 32.4	
ZEA	comp=Z,24nm,1.0s		AMB	AMB	16 22 32.4	
ZEA	comp=Z,24nm,1.0s		AMB	AMB	16 22 32.4	
ZEA	comp=Z,43nm,1.0s		eP	S	16 22 31.2 +0.2	
ZEA			eS	pmax	16 25 04.0 0.0	
ZEA	comp=N,24nm,1.0s		pmax	pmax		
ZEA	comp=E,24nm,1.0s		pmax	pmax		
ZEA	comp=Z,43nm,1.2s		smax	smax		
ZEA	comp=N,40nm,4.0s		MLR	MLR		
ZEA	comp=E,200nm,10.0s		MLR	MLR		

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ZEA	comp=Z,200nm,10.0s	MLR	MLR		
INU	Inuyama	14.55 217	P	P	16 22 35.2 +1.3
KROS	Kirovskiy	14.69 306	eP	P	16 22 36.1 +1.0
KROS			AMB	AMB	16 22 37.1
KROS	comp=Z,27nm,0.3s		AMB	AMB	16 22 37.1
KROS	comp=Z,57nm,0.3s		AMB	AMB	16 22 37.1
KROS	comp=Z,82nm,0.3s		AMB	AMB	16 22 37.1
KSRS	Korea Array	17.66 242	P	P	16 23 08.8 +1.7
KSRS	comp=Z,1.9nm,0.3s,baz=41,slow=10,SNR=62		P	P	16 27 25.1 +1.4
KSRS	comp=Z,0.1nm,0.3s,baz=95,slow=1.0,SNR=5.2		P	P	16 23 08.5 +1.3
KS19	Wonju Array S1	17.66 242	P	P	16 23 11.9
KS19			IAMB	IAMB	16 23 11.9
YAK	Yakutsk	17.71 331	P	P	16 23 06.5 -0.9
YAK	comp=Z,0.7nm,0.3s,baz=165,slow=1.9,SNR=27		S	S	16 26 07.4 -3.1
YAK	comp=Z,0.1nm,0.3s,baz=250,slow=23,SNR=18		S	S	16 23 06.4 -0.9
YAK	Yakutsk	17.71 331	d/P	P	16 26 04.1 -6.4
YAK			eS	pmax	16 26 04.1 -6.4
YAK	comp=Z,15nm,0.6s		pmax	pmax	
YAK	comp=N,4.0nm,0.8s		pmax	pmax	
YAK	comp=E,4.0nm,0.7s		smax	smax	
YAK	comp=E,273nm,1.8s		smax	smax	
YAK	comp=N,161nm,2.2s		smax	smax	
YAK	Yakutsk	17.71 331	P	P	16 23 06.3 -1.0
HIA	Hailar	18.56 286	P	P	16 23 14.6 -2.0
HIA			pmax	pmax	
HIA	comp=Z,12nm,1.1s		IAMB	IAMB	16 23 14.6 -2.0
HIA			IAMB	IAMB	16 23 20.5
JNU	Nakatsue	19.21 227	P	P	16 23 24.7 +1.3
JNU	comp=Z,1.2nm,1.1s		P	P	16 23 22.8 -0.6
JNU	comp=Z,1.5nm,0.3s,baz=68,slow=8.1,SNR=4.7		P	P	16 23 22.7 -1.3
BOD	Bodaibo	22.59 309	eP	P	16 23 52.7 -1.3
BOD	Bodaibo	22.59 309	eP	P	16 23 52.7 -1.3
BOD			pmax	pmax	
BILL	comp=Z,5.0nm,2.3s		P	P	16 23 53.4 -0.7
BILL	Billibino	22.61 18	i/P	P	16 23 53.4 -0.7
BILL			i	P	16 27 32.2
BILL			pmax	pmax	
BILL	comp=Z,12nm,1.3s		P	P	16 23 52.8 -1.3
BILL	Billibino	22.61 18	P	P	16 24 06.5 +1.2
BILL	Baijatiuau	23.82 263	P	P	16 24 06.5 +1.2
BILL			pmax	pmax	
BILL	comp=Z,34nm,1.3s		IAMB	IAMB	16 24 08.9
BILL	Baijatiuau	23.82 263	P	P	16 24 21.1 -0.5
BILL			IAMB	IAMB	16 24 21.1 -0.7
TIK	Tiksi	25.70 346	eP	P	16 24 21.1 -0.5
TIK	Tiksi	25.71 346	P	P	16 24 21.1 -0.7
TIK	comp=Z,3.5nm,0.4s,baz=141,slow=10,SNR=8.5		P	P	16 24 20.9 -0.8
TIK	Tiksi	25.71 346	IAMB	P	16 25 15.4
ULN	comp=Z,34nm,1.4s		eP	P	16 24 33.2 -1.3
ULN	Ulanbaatar	27.09 286	eP	P	16 24 33.2 -1.3
ULN	Ulanbaatar	27.09 286	ceP	pmax	16 24 33.2 -1.3
ULN			pmax	pmax	
ULN	comp=Z,11nm,1.1s		IAMB	IAMB	16 24 33.4 -1.1
ULN	Ulanbaatar	27.09 286	P	P	16 24 41.1
SONM	Songino Array	27.53 286	P	P	16 24 38.5 +0.1
ZAK	Zakamensk	28.93 292	eP	P	16 24 49.9 -0.7
ZAK	Zakamensk	28.93 292	eP	P	16 24 49.9 -0.7
ZAK			pmax	pmax	
ZAK	comp=Z,3.0nm,1.1s		pmax	pmax	
AKUT	Akutan	29.68 60	P	P	16 24 56.5 -0.5
TTA	Tatalina	34.32 42	P	P	16 25 37.5 +0.7
TTA			pmax	pmax	
TTA	comp=Z,12nm,1.3s		P	P	16 25 37.5 +0.7
TTA	Sparrevohn	34.32 42	P	P	16 25 40.6 +1.6
SVWZ	Sarvovohn	34.98 28	P	P	16 25 42.0 -0.3
A21K	Garov	35.17 275	eP	P	16 25 45.8 +1.4
GTA	Gaotai				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M57A Sunshine Farm, WVT Waverly, M58A Price's Panora, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, RPSI Rantau Prapat, LHHI Lhok Sumawe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like n464, z217/489, mb4.3/61, 33C-15D, Crete, ZKR Zakros, STIA Sitia Lasithi, etc.

IDC 06 16:20:05.4+1.9, 1.97N-96.10E, h0km, mb3.7/4, mb1 3.6/6, mb1mx3.4/57, mbtmp3.6/6, ML3.5/2, MS3.4/1, Mt1 3.4/1, ms1mx2.6/48, Error ellipse: s-maj=56.6km s-min=23.0km az=54.0

IDC 06 16:27:08.6+5.3, 21.60N-143.10E, h337km, 55km, mb3.0/12, mb1 3.1/13, mb1mx2.9/49, mbtmp3.7/13, Error ellipse: s-maj=26.8km s-min=14.7km az=92.0

IDC 06 16:29:38.7+0.7, 32.96N-141.52E, h13km, M3.5 JMA 06 16:29:32.6+1.5, 32.54N-108.142E, h0.1, h35km, n17, a172/22, Southeast of Honshu

BGR 06 17:01:07.8+0.0, 32.48N-27.06E, h33km, mb4.3, Ms3.1 IDC 06 17:01:25.8+0.7, 34.35N-26.02E, h0km, mb4.2/23, mb1 4.3/36, mb1mx4.1/67, mbtmp4.2/36, ML4.0/12, MS3.2/9, Ms1 3.2/9, ms1mx2.9/50, Error ellipse: s-maj=15.3km s-min=11.2km az=177.0

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DALY, KSL, KSL, FETY, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TEKE, PAIG, MVOU, KONT, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CORL, VOIR, VOIR, MLR, etc.

6d 20h

Table of station data for the 6d 20h period, including station names, coordinates, and various parameters like SNR and time.

24 JUL

Main table of station data for July 24th, listing stations like DZM, PPT, CTKA, STKA, etc., with their respective coordinates and parameters.

318

Table of station data for the 318 period, including stations like PGP, LUBP, San Jose, etc.

SSNC 06:20:29.26.4.1.1, 19:14N, 76:48W, h13km, 9km, MD2.7, ML2.0, MW2.1

Table of station data for the SSNC period, including stations like LMGC, BJJ, RCC, etc.

ISC 06:20:50:18.2.1.5.44:31N, 0:03:17.42E, 0:07, h9km, 10km, n9, 0:05:13, Northwestern Balkan Peninsula

Table of station data for the ISC period, including stations like MGRS, BLY, Kijevo, etc.

NEIC 06:20:57:35.6.2.1, 27:60S, 0:03:67.4W, 0:1, h127km, 6km, mb4.0/7, Error ellipse: s-maj=13.3km s-min=3.9km az=90.0

GUC 06:20:57:37.0.0.7, 27:52S, 67:60W, h133km, 7km, ML4.3, IDC 06:20:57:37.1.0.7, 27:64S, 67:39W, h141km, 6km, mb3.8/7, mb1 3.7/12, mb1mx3.5/32, mbtmp4.1/12, Error ellipse: s-maj=22.3km s-min=9.9km az=102.0

VAO 06:20:57:49.7.2.7, 27:03S, 67:07W, h246km, 18km, mb4.0, ISC 06:20:57:36.4.0.6, 27:57S, 0:04:67.55W, 0:04, h143km, 6km, n85, +192/102, mb3.9/8, 9C, Catanduanes Province

Table of station data for the VAO and ISC periods, including stations like VCA, AC02, AC05, etc.

Table with columns: ID, Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Renca, Curacav, IPOC Station P, etc.

TAP 06 21:13:34.3, 24:12N:121:49E, h90km, ML2.7, 1C-4D, B,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Xiuilin Townshi, Chiawan, Ninganchiao, etc.

Table with columns: ID, Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TWC, TYC, TYC, HGSD, HGSD, EHY, EHY, NWLT, NWLT, NWLT, etc.

JMA 06 21:13:59.7, 0.1, 24:08N:123:50E, h23km, 2km, M1.5,

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

Table with columns: ID, Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TDJR, TDJR, KZLR, KZLR, ORL, ORL, etc.

NEIC 06 21:29:36.9, 1.9, 19:44S:0:03:169:1E:0:1, h122km, 11km, mb4.3/1, Error ellipse: s-maj=17.8km s-min=3.7km

IDC 06 21:29:36.6, 5.9, 19:38S:169:01E, h102km, 47km, mb3.8/6, mb1.4/0.7, mb1mx3.6/33 mbtmp4.1/7, Error ellipse: s-maj=53.0km s-min=34.5km az=52.0

ISC 06 21:29:35.6, 1.0, 19:44S:0:06:169:1E:0:1, h104km, n20, r150/23, mb4.1/12, Vanuatu Islands

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

ASRS 06 21:42:23.6, 0.3, 51N:2:9E, h10km, MLH3.9/10, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID

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

IDC 06 21:43:03.1, 2.5, 10:52S:161:37E, h122km, 16km, mb3.5/9, mb1.3/7.1, mb1mx3.5/26, mbtmp3.9/10, MS3.2/1, Ms1 2.9/1.5, mb1mx2.6/26, Error ellipse: s-maj=29.5km

Table with columns for station call letters, frequency, and other details. Includes stations like SAO, HOPS, PMPB, KCPM, PAGB, KMRM, JCC, SYO, OSI, HHC, PASC, MWC, 109C, CD2, BAR, WDC, ORV, AFDM, ISA, BTO, YBH, PFO, XPFO, MDPB, OMMB, WAKR, SRIG, GSC, SLBS, GLA, RYN, NVAR, 1Y2C, MOD, 113A, K05A, SNA, SNA, SNA, SNA, F03A, TPV, LZH, FKWY, SNOW, IMW, FLWY, O20A, BOZ, S22A, BW06, PDAR, PDAR, TLY, SDCO, PALK, MSTX, Q24A, N23A, K22A, 833A, PHWY, JCT, AMTX, TIXI, MT05, KSC0, ABTX, 735A, R5SD.

Table with columns for station call letters, frequency, and other details. Includes stations like HAWA, B06A, YAK, WUAZ, RIDG, RDOC, BMO, D08A, D08A, D08A, ILAR, ILAR, MFID, LLLB, LLLB, B08A, B08A, HP1G, F10A, W18A, DUG, SONM, SONM, H03S2, H03S1, H03S3, 121A, PRP, H03N2, H03N3, H03N1, GTA, GTA, GTA, GTA, GTA, HLD, Q16A, LL01, COLD, DAWY, EGAK, EGAK, EPT, SRU, Y22D, MVCO, MNXT, AHID, ANMO, TXAR, TXAR, TXAR, DLMT, PLCA, TPWA, REDW, FKWY, SNOW, IMW, FLWY, O20A, BOZ, S22A, BW06, PDAR, PDAR, TLY, SDCO, PALK, MSTX, Q24A, N23A, K22A, 833A, PHWY, JCT, AMTX, TIXI, MT05, KSC0, ABTX, 735A, R5SD.

Table with columns for station call letters, frequency, and other details. Includes stations like 435B, WMOK, WHTX, U32A, CBKS, Z35A, DGM7, HKT, AC05, R32A, OKCF, OK029, 237A, NATX, WMQ, WMQ, WMQ, E28A, BGNE, X37A, TUL1, N33A, SUSD, KSU1, 441A, U38A, L34A, MIAR, W3F, W3F, N35A, HHAR, ECSD, X40A, D32A, S39A, U40A, F33A, WHAR, W41B, 143A, 545A, P38A, FCAR, VBMS, N38A, R40A, X43A, SCIA, LCAR, ULM, P40A, HBAR, T42A, K38A, CCM, MKAR, MKAR, LPAR, F36A, MET, 146A, GNAR, OXF, SPMN, PEBM, B35A, PVMO, PARMO, PENMO, LNXT, W45A, SLM, N41A, HALT, HENM, HICK, S44A, P43A, E38A, PLAL, T45A.

Table with columns: Q#, Name, Date, Time, Location, and other details. Rows include Meyer Farm, HDIL Hopedale, WVT Waverly, G40A Rib Lake, etc.

Table with columns: P#, Name, Date, Time, Location, and other details. Rows include Homestead Farm, T59A Double 'B' Far, M56A Emporium, etc.

Table with columns: CLL, Name, Date, Time, Location, and other details. Rows include Panska Ves, Colim, BRG Berggabel, etc.

IGDI	comp=N,3um,0.4s	IAML	23 09 04.0	AKT	comp=Z,188nm,0.6s	pmax	pmax	RSDY	Resadiye-TOKAT	5.38 268	PN	Pn	23 09 57.9 +3.3
IGDI		IAML	23 09 06.0	AKT		smax	smax	SVSK	Karacayir	6.70 263	PN	Pn	23 10 02.5 +3.6
TBLG	comp=E,3um,0.3s	Pg	23 08 51.7 -1.1	GROC	comp=N,592nm,0.6s	ePN	Pb	ANN	Anacayir	5.49 310	eP	Pn	23 10 15.9 +6.3
TBLG		S	23 09 05.6 -0.5	GROC		e		ANN			pmax	Sb	23 11 35.8 -8.8
TBLG		PG	23 08 50.9 -1.8	GROC	comp=Z,203nm,0.6s	pmax	pmax	ANN	comp=Z,13nm,0.8s		MLR	MLR	
TBLG		SG	23 09 04.3 -1.1	GROC		smax	smax	BRTR	comp=Z,179nm,11.0s				
TBLG	Delisi	ePG	23 08 51.7 -1.1	GROC	comp=N,685nm,0.5s	smax	smax	Keskin Aray B	8.28 266	Pn	Pn	23 11 37.8 +3.3	
KARS	Kars	PN	23 08 52.0 -1.3	GROC		smax	smax	MMAI	comp=Z,0.1nm,0.3s,baz=85,slow=14,SNR=13				
SEAG	Tbilisi Sea	Pg	23 09 02.6 -1.0	GROC	comp=N,2um,1.3s	MLR	MLR	baz=100,slow=8,6,SNR=4.3	10.57 226	Pn	Pn	23 10 10.2 +4.4	
SEAG	Tbilisi Sea	PG	23 09 07.1 -0.3	GROC	comp=Z,459nm,2.0s	MLR	MLR	GEYT	Alibek	11.02 101	Pn	Pn	23 11 11.1 -0.8
BKRG	Bakuriani	P	23 08 55.6 -0.7	KRIK	Erzurum-spir	2.67 261	iP	JURR	comp=Z,1.1nm,0.3s,baz=292,slow=16,SNR=10				
BKRG	Bakuriani	P	23 08 52.1 -0.6	KRIK		iS	Pn	Jurlova	12.06 294	iP	Pn	23 11 24.7 -1.3	
BKRG	Bakuriani	P	23 08 52.0 -0.7	KRIK		iS	Pn	Tirgur	12.31 293	iP	Pn	23 11 32.7 +3.2	
VADZ	Vardenis	iP	23 08 55.4 -2.1	AKDM	Akdamar-Van	2.69 204	PN	TIRR	Tirgur	12.31 293	iP	Pn	23 11 32.7 +3.2
VADZ		iS	23 09 12.1 -1.3	AKDM	Neytrino	2.74 334	ePN	LPSR	Galich'ya Gora	12.38 344	iP	Pn	23 11 30.1 -0.3
DYDN	Diyadin	iP	23 08 58.6 -0.8	NEV	Neytrino	2.74 334	ePN	CFR	Carcaliu	12.67 296	iP	Pn	23 11 40.6
DYDN		iS	23 09 13.9 -3.5	NEV		eS	Pn	AKTO	Aktjubinsk	13.54 40	Pn	Pn	23 11 43.8 -2.5
DYDN		IAML	23 09 21.0	CHOM	Cayelli-Rize	2.75 277	PN	AKTO	comp=Z,0.5nm,0.3s,baz=207,slow=8.9,SNR=5.6				
DYDN	comp=E,2um,0.6s	IAML	23 09 23.0	BASK	Baskale_VAN	2.76 186	iP	AKTO			Sn	Sn	23 14 09.4 -7.4
EPOS	comp=N,1um,0.7s	Pn	23 09 00.3 -0.1	BASK		IAML		ISR	Iztrita	13.75 294	iP	Pn	23 11 46.8 -2.4
EPOS	Posof	iP	23 09 15.4 -4.0	BASK	comp=N,128nm,1.0s	IAML		ISR	Iztrita	13.75 294	iP	Pn	23 11 46.8 -2.4
EPOS		iS	23 09 25.0	BASK	comp=E,97nm,0.7s	IAML		VRI	Vrincioiaia	13.80 297	iP	P	23 12 07.4 +9.0
EPOS	comp=N,1um,1.0s	IAML	23 09 27.0	VRTB	Varto-Mus	2.78 235	PN	VRI	Vrincioiaia	13.80 297	iP	P	23 12 07.4 +9.0
DDFL	comp=E,366nm,1.0s	P	23 09 01.7 +0.1	VRTB	Varto-Mus	2.78 235	iP	PLOH	Plostina	13.85 297	iP	P	23 12 05.3 +6.3
DDFL	Defoflistskaro	S	23 09 25.4 +4.1	URKR	Urkarakh	2.80 60j	ePN	PLOH	Plostina	13.85 297	iP	P	23 12 05.3 +6.3
DDFL	Defoflistskaro	iP	23 09 01.8 +0.2	URKR		e	Pn	NEHR	Nehtu	13.99 295	P	P	23 12 05.6 +5.1
DDFL		S	23 09 18.1 -2.0	URKR	comp=Z,169nm,0.5s	pmax	pmax	MLR	Muntele Rosu	14.24 295	Pn	Pn	23 11 58.9 +2.9
GAINJ	Ganja	PG	23 08 59.7 -1.3	URKR	comp=N,412nm,1.1s	smax	smax	AKAS	Malin Aray Be	14.46 318	Pn	Pn	23 11 58.2 -0.7
SEBK	Senkaya-Erzuru	PN	23 09 01.7 +0.5	URKR		smax	smax	BIZ	Blicaz	14.53 301	iP	P	23 12 06.4 -0.1
KARR	Hanur-Agry	PN	23 09 02.6 +1.5	ECAT	Cat-ERZURUM	2.86 247	iP	DOPR	Dopca	14.73 297	iP	P	23 12 11.0 +2.3
SENR		SN	23 09 27.6 +1.5	ECAT		iS	Pn	VOIR	Voira	14.85 295	iP	P	23 12 14.2 +4.1
CLDR	Caldiran	PN	23 09 04.5 +0.5	ECAT	comp=E,30nm,1.1s	IAML		VOIR	Voira	14.85 295	iP	P	23 12 14.2 +4.1
CLDR	Caldiran	iP	23 09 04.5 +0.5	ECAT		IAML		VOIR	Obninsk	15.23 343	iP	Pn	23 12 09.2 0.0
CLDR		iS	23 09 23.1 -2.8	BUJR	comp=N,30nm,1.2s	IAML		OBN			pmax	pmax	
CLDR		IAML	23 09 33.0	BUJR	Buynaks	2.88 44j	ePN	BUJR	comp=Z,3.0nm,0.7s				
CLDR	comp=E,442nm,0.6s	IAML	23 09 38.0	BUJR		e	Pn	BURAR	Bucovina Array	15.31 303	iP	P	23 12 15.3 +0.1
CLDR	comp=N,406nm,0.8s	IAML	23 09 38.0	BUJR	BUJR	comp=Z,195nm,0.6s	pmax	BURAR	Bucovina Array	15.31 303	iP	P	23 12 15.3 +0.1
EATA	Eleskirt	iP	23 09 05.2 +0.7	BUJR		pmax	pmax	VTS	Vitosh	15.89 284	iP	P	23 12 25.7 +3.9
EATA		Sb	23 09 28.4 +0.6	DBC	Dubki	2.88 39c	iPN	LVV	L'vov	16.87 309	eP	P	23 12 48.8 +1.6
EATA	comp=N,1um,0.9s	IAML	23 09 37.0	DBC		pmax	pmax	KIRV	Kirov	18.09 9	iP	Pn	23 12 47.1 +1.3
EATA		IAML	23 09 38.0	GURO	comp=Z,5.0nm,0.6s	pmax	pmax	ARU	Arti	18.18 26	P	Pn	23 12 44.7 -1.8
LGD	comp=E,699nm,0.9s	PN	23 09 05.4 -0.9	GURO	Guroymak-BITLI	2.88 220	PN	ARU	Arti	18.18 26	P	Pn	23 12 41.5 -5.0
NAX	Nakhchivan	PN	23 09 06.9 +1.0	BLIS	Bitlis-Merkez	2.95 217	iP	ARU	Sverdlovsk	19.20 28	eP	Sn	23 15 59.3 -1.0
TUTA	Tutak	Pn	23 09 07.7 -0.3	BLIS		iS	Sn	SVE	Sve	19.20 28	eS	S	23 12 58.3 -0.6
TUTA		iS	23 09 30.8 +1.2	BLIS	comp=N,112nm,0.7s	IAML		SVE			pmax	pmax	
PNSH	Pansheti	6	23 09 07.4 -0.7	KARO	Karlovka-Bingo	2.96 241	PN	KLMR	Klimovskoe	20.30 353	eP	P	23 13 09.1 -0.9
PNSH		P	23 09 32.4 -1.0	MUSM	Mu-Merkez	3.03 228	iP	KLMR	Klimovskoe	20.30 353	eP	P	23 13 09.1 -0.9
TKB	Tkibuli	P	23 09 08.0 -0.4	MUSM		iS	Sn	KLMR	comp=Z,29nm,1.8s		AMP	P	23 13 14.9
TKB	Tkibuli	S	23 09 33.9 -0.1	MUSM	comp=E,87nm,1.1s	IAML		VSU	Vasula	20.93 334	iP	Pn	23 13 19.0 -0.4
TKB	Tkibuli	PN	23 09 07.9 -0.4	MUSM		IAML		VSU	comp=Z,12nm,0.8s		pmax	pmax	
DAGI	Agillar	iP	23 09 07.8 -0.9	MUSM	comp=N,38nm,1.1s	IAML		BRVK	Borvoeye	21.39 46c	eP	P	23 13 21.9 +0.1
DAGI		iS	23 09 27.8 -2.7	KOPT	Kop Dag	3.06 257	iP	BRVK			pmax	pmax	
DAGI	comp=E,375nm,0.5s	IAML	23 09 35.0	KOPT		iS	Pn	BVAR	Borvoeye Array	21.43 46	P	P	23 13 23.1 +0.8
DAGI	comp=N,401nm,0.6s	IAML	23 09 41.0	KOPT	comp=N,96nm,2.0s	IAML		BAK	comp=Z,1.0nm,0.5s,baz=252,slow=11,SNR=12				
VMUR	Van-Muradiye	iP	23 09 08.8 +1.8	KOPT		IAML		AAK	Ala-Archa	22.50 75	P	P	23 13 36.5 +2.5
VMUR		Sn	23 09 29.2 +1.9	KBZ	Khabaz	3.13 340	PN	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ONI	Oni	Pb	23 09 08.6 -0.8	KBZ		Lg	Lg	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ONI		S	23 09 34.9 +0.9	KBZ	comp=E,2.9nm,0.3s,baz=89,slow=15,SNR=1.4	LR	LR	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ONI	Oni	Pn	23 09 07.3 +0.3	KBZ	comp=E,65nm,19.1s,baz=70,slow=36	LR	LR	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ONI	Oni	ePN	23 09 08.5 -0.8	KBZ	comp=Z,65nm,19.1s,baz=70,slow=36	LR	LR	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ERCV	ERCIS-VAN	PN	23 09 32.6 +1.1	KBZ	comp=Z,82nm,0.5s	pmax	pmax	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DEEM	Demirkent	iP	23 09 09.4 -1.2	MAK	MAK	3.13 340	ePN	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DEEM		iS	23 09 36.8 -1.4	MAK	MAK	3.18 46	ePN	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DEEM		IAML	23 09 42.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DEEM	comp=N,965nm,0.6s	IAML	23 09 43.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ZEI	Tsey	ePg	23 09 11.3 +0.2	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ZEI		Sg	23 09 40.8 +1.8	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ZEI	Tsey	ePN	23 09 11.3 +0.2	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
ZEI		eS	23 09 40.8 +1.8	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
LACR	Lac	ePg	23 09 11.0 +0.2	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
LACR		Sg	23 09 39.9 +0.7	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
LACR	Lac	ePN	23 09 10.4 -0.8	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
LACR		pmax	23 09 10.4 -0.8	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
HOMI	Horasan	iP	23 09 10.1 +1.4	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
HOMI		iS	23 09 32.7 -1.6	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
HOMI		IAML	23 09 50.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
HOMI	comp=E,707nm,0.7s	IAML	23 09 52.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DBAD	Bademkaya	iP	23 09 10.3 -1.1	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DBAD		iS	23 09 32.4 -2.1	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DBAD		IAML	23 09 43.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DBAD	comp=E,442nm,0.7s	IAML	23 09 50.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
DBAD	comp=N,447nm,0.5s	IAML	23 09 50.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
MNGR	Mingechevir, A	PN	23 09 10.0 +1.2	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0
KOPR	Kopruckoy-ERZUR	PN	23 09 11.2 -1.0	MAK	MAK		e	AAK	Ala-Archa	22.50 75	P	P	23 13 37.1 +3.0

Table of astronomical observations for the first section, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for the second section, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for the third section, including columns for object name, coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMBO, CMAR, MKAR, TORO, DBIC, KBZ.

TUL 07:07:44:13.9.2.0, 36.686N, 0.04, 98.21W, 0.05, h4km, 7km, ML3.2, Error ellipse: s-maj=5.2km, s-min=5.3km, az=159.0

Main table for Oklahoma stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CROK, KAN10, KAN12, KAN13, U32A, etc.

UPA 07:07:52:00.8.1.5, 83N, 77.74W, h43km, 29km, MW3.9

Main table for Colorado stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOLC, PTAC, PIZC, DBBC, etc.

Table for Arizona stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORTC, ORTC, CACAO, GMAO, etc.

Main table for California stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTL, BBRC, BVC, SVD, etc.

HEC 07:09:00:33.8.2.5, 14.65N, 92.25W, h58km, 21km, mb3.5/6, mb1.3/8, mb1mx3.5/41, mbtmp3.8/8, ML3.9, M2.9/3, Ms1.2/9.3, ms1mx2.6/33, Error ellipse: s-maj=22.6km, s-min=16.4km, az=51.0

Main table for Nevada stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HEC, SNTA, SNTA, PFO, etc.

Main table for Nevada stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDW2, GSC, GSC, GSC, GR2C, DECC, etc.

NETC 07:09:00:35.5.2.4, 14.64N, 92.06W, h79km, 4km, Error ellipse: s-maj=10.0km, s-min=7.6km, az=214.0

Main table for Nevada stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNET, UCR, MEX, INET, GCG, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like UGM, SMRI, YOGI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like H01W1, Q1W2, Q1Z, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like SHL, SHL, SHL, etc.

7d 9h

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Table with columns for station name, frequency, power, and signal strength. Includes stations like YSS, KUR, KLR, ULN, URZ, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MAKZ, TNSS, MDOK, KZA, CHKK, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK, IUG, KK31, KURB, etc.

LF	La Frestale	118.18	317	ePKIKP	PKIKP	09 33 13.4	+0.2
LF	comp=Z,31nm,0.7s						
TPNV	Topogah Spring	118.24	52	PKIKP	PKIKP	09 33 14.7	+0.9
BBRC	Big Bear Solar	118.26	55	PKIKP	PKIKP	09 33 14.8	+0.8
109C	Camp Elliot, M	118.36	57	PKIKP	PKIKP	09 33 15.1	+1.2
R11A	Troy Canyon, C	118.43	50	PKIKP	PKIKP	09 33 15.2	+1.0
LRM	Limekiln Ridge	118.45	41	PKIKP	PKIKP	09 33 14.7	+0.6
SHOC	Shoshone, Teco	118.45	53	PKIKP	PKIKP	09 33 15.3	+1.2
HEC	Hector Ludlow	118.62	54	PKIKP	PKIKP	09 33 15.7	+1.2
RSBS	Rosebush, Pemb	118.75	326	eP	PKIKP	09 33 14.1	0.0
PFO	Pinyon Flats O	118.76	56	PKIKP	PKIKP	09 33 16.0	+1.1
PFO	Pinyon Flats O	118.76	56	PKIKP	PKIKP	09 33 16.0	+1.1
PFO	Pinyon Flats O	118.76	56	PKIKP	PKIKP	09 33 16.0	+1.1
XFO	Pion Flat	118.76	56	PKIKP	PKIKP	09 33 16.0	+1.1
TUPO	Turquoise Moun	118.83	54	PKIKP	PKIKP	09 33 16.2	+1.2
MONP2	Monument Peak	118.92	56	PKIKP	PKIKP	09 33 16.6	+1.3
DYA	Yadworthy	118.97	325	eP	PKIKP	09 33 14.4	-0.1
BELC	Belle Mtn. Jos	119.06	55	PKIKP	PKIKP	09 33 16.7	+1.2
BOZ	Bozeman (W)	119.06	41	PKIKP	PKIKP	09 33 16.1	+0.9
EPF	Esparras	119.07	316	ePKIKP	PKIKP	09 33 14.7	-0.3
GMRC	Granite Mounta	119.18	54	PKIKP	PKIKP	09 33 17.2	+1.5
SHPR	Sheep Range	119.19	52	PKIKP	PKIKP	09 33 16.9	+1.2
IKP	In-Ko-Pah, Jac	119.23	57	PKIKP	PKIKP	09 33 17.1	+1.3
EGMT	Eagleton	119.33	38	PKIKP	PKIKP	09 33 15.9	+0.4
BCW3	Sam W. Stewart	119.43	56	PKIKP	PKIKP	09 33 17.0	+1.0
SW3	Big Chuckkwall	119.58	55	PKIKP	PKIKP	09 33 17.8	+1.3
QUIF	Quistic	119.59	322	ePKIKP	PKIKP	09 33 15.3	-0.5
IRM	Iron Mountain	119.72	55	PKIKP	PKIKP	09 33 18.0	+1.4
ETSF	Etsaut	119.74	316	ePKIKP	PKIKP	09 33 16.9	+0.5
SPUT	South Promonto	119.93	46	PKIKP	PKIKP	09 33 17.5	+0.5
DUG	Dugway, Tooele	120.01	48	PKIKP	PKIKP	09 33 18.2	+1.1
NEE2	Needles Airpor	120.02	54	PKIKP	PKIKP	09 33 18.1	+1.0
SJPF	Ste Jean	120.13	316	ePKIKP	PKIKP	09 33 17.5	+0.4
H17A	Grant Village	120.19	42	PKIKP	PKIKP	09 33 19.1	+1.6
GLA	Glamis	120.21	56	PKIKP	PKIKP	09 33 18.9	+1.2
GLA	Glamis	120.21	56	PKIKP	PKIKP	09 33 18.8	+1.2
GLA	Glamis	120.21	56	PKIKP	PKIKP	09 33 18.9	+1.2
SFJD	Kangerlussuaq	120.26	357	PKIKP	PKIKP	09 33 16.5	0.0
SFUD	Kangerlussuaq	120.26	357	PKIKP	PKIKP	09 33 16.5	0.0
FFC	Filin Flon	120.31	29	PKIKP	PKIKP	09 33 17.0	+0.1
FFC	Filin Flon	120.31	29	PKIKP	PKIKP	09 33 17.0	+0.1
Y1ZC	Blythe	120.31	55	PKIKP	PKIKP	09 33 18.8	+1.1
ANGG	Ammassalik, Gr	120.33	351	PKIKP	PKIKP	09 33 15.8	-0.8
PDWC	Hardware Ranch	120.40	46	PKIKP	PKIKP	09 33 18.4	+0.3
HMUT	Parker Dam, Lak	120.57	54	PKIKP	PKIKP	09 33 19.1	+1.0
LCMT	Little Creek M	120.56	51	PKIKP	PKIKP	09 33 19.5	+1.2
TCUT	Toone Canyon	120.74	46	PKIKP	PKIKP	09 33 19.9	+1.2
RLMT	Red Lodge	120.79	41	PKIKP	PKIKP	09 33 21.9	+0.6
MPU	Maple Canyon	120.92	47	PKIKP	PKIKP	09 33 20.0	+0.9
TMUT	Trail Mountain	121.46	48	PKIKP	PKIKP	09 33 21.5	+1.3
BW06	Boulder Array	121.47	44	PKIKP	PKIKP	09 33 20.2	+0.1
PDAR	Pinedale Array	121.47	44	PKIKP	PKIKP	09 33 20.5	+0.4
PDAR	comp=Z,9.1nm,0.8s,baz=222,slow=2.0,SNR=62						
PDAR	comp=Z,4.0nm,0.6s,baz=117,slow=1.5,SNR=3.9						
PDAR	comp=Z,4.0nm,0.6s,baz=117,slow=1.5,SNR=3.9						
LAO	LASA Array	122.07	38	PKIKP	PKIKP	09 33 21.9	+1.0
LAO	LASA Array	122.07	38	PKIKP	PKIKP	09 33 22.2	+1.3
214A	Organ Pipe Nat	122.07	57	PKIKP	PKIKP	09 33 22.3	+1.0
WUAZ	Wupatki	122.41	52	PKIKP	PKIKP	09 33 23.4	+1.3
DGMT	Dagmar	122.45	36	PKIKP	PKIKP	09 33 21.8	+0.2
X16A	Lo Mia Camp, P	122.65	54	PKIKP	PKIKP	09 33 24.5	+1.9
SESP	Santiago Espad	122.70	311	P	PKIKP	09 33 23.1	+0.5
TORD	Torodi Ar. Bea	122.75	281	PKIKP	PKIKP	09 33 22.9	+0.1
TORD	comp=Z,5.1nm,0.7s,baz=64,slow=3.0,SNR=208						
TORD	comp=Z,3.5nm,0.9s,baz=66,slow=1.9,SNR=5.3						
ESDC	Sonsec Array	123.24	313	PKIKP	PKIKP	09 43 18.7	-0.4
ESDC	comp=Z,9.2nm,0.8s,baz=19,slow=3.1,SNR=40						
ESDC	comp=Z,0.8nm,0.8s,baz=272,slow=3.0,SNR=8.8						
O20A	White River Ci	123.34	46	PKIKP	PKIKP	09 33 24.4	+0.6
PAB	San Pablo	123.57	313	PKIKP	PKIKP	09 33 25.1	+1.0
PAB	San Pablo	123.57	313	PKIKP	PKIKP	09 33 25.1	+1.0
K22A	Casper	123.58	43	PKIKP	PKIKP	09 33 23.9	0.0
TUC	Tucson	123.70	56	PKIKP	PKIKP	09 33 25.5	+0.9
TUC	Tucson	123.70	56	PKIKP	PKIKP	09 33 25.4	+0.8
TUC	Tucson	123.70	56	PKIKP	PKIKP	09 33 25.5	+0.9
W18A	Petrified Fore	123.81	52	PKIKP	PKIKP	09 33 25.7	+0.8
MVCO	Mesa Verde	124.14	50	PKIKP	PKIKP	09 33 26.3	+0.8
PBRG	Braganca	124.40	316	ePKIKP	PKIKP	09 33 27.5	0.0
RSSD	Black Hills	124.60	40	PKIKP	PKIKP	09 33 26.3	+0.1
RSSD	Black Hills	124.60	40	PKIKP	PKIKP	09 33 25.9	+0.1
RSSD	Black Hills	124.60	40	PKIKP	PKIKP	09 33 26.3	+0.1
N23A	Red Feather La	124.68	45	PKIKP	PKIKP	09 33 26.7	+0.2
HORN	Hornachuelos	124.82	311	P	PKIKP	09 33 27.1	+0.6
MVO	Moncorvo	124.86	316	ePKIKP	PKIKP	09 33 27.5	+0.9
S22A	4UR Ranch, Cre	125.21	49	PKIKP	PKIKP	09 33 28.6	+0.8
PVBL	Vila Real	125.29	317	ePKIKP	PKIKP	09 33 28.6	+1.2
CABR1	Cabril	125.32	317	ePKIKP	PKIKP	09 33 27.9	+0.4
ISCO	Idaho Springs	125.34	46	PKIKP	PKIKP	09 33 28.3	+0.4
PGAV	Gaviera, Arco	125.38	317	ePKIKP	PKIKP	09 33 28.6	+0.9
MDND	Madcock	125.40	35	PKIKP	PKIKP	09 33 26.9	0.0
MDND	Madcock	125.40	35	PKIKP	PKIKP	09 33 27.9	+0.5
MTE	Manteigas	125.52	315	ePKIKP	PKIKP	09 33 29.1	+1.1
PV15	Viseu	125.64	316	ePKIKP	PKIKP	09 33 28.0	-0.2
PCBR	Castelo Branco	125.70	314	ePKIKP	PKIKP	09 33 28.9	+0.7
PMRV	Mary's 770	125.80	314	ePKIKP	PKIKP	09 33 28.9	+0.4
MDT	Midelt	125.88	305	PKIKP	PKIKP	09 33 29.5	+0.6
MDT	comp=Z,14nm,0.8s,baz=85,slow=3.6,SNR=22						
MDT	Midelt	125.88	305	P	PKIKP	09 33 30.0	+1.1
PTO	Porto	125.95	316	ePKIKP	PKIKP	09 33 29.7	+1.0
ULM	Lac du Bonnet	125.97	30	PKIKP	PKIKP	09 33 27.5	-0.4
ULM	comp=Z,2.1nm,0.8s,baz=317,slow=1.5,SNR=13						
ULM	comp=Z,2.2nm,0.5s,baz=3.4,slow=2.6,SNR=4						
ULM	Lac du Bonnet	125.97	30	PKIKP	PKIKP	09 33 27.5	-0.4
Q24A	Divide	125.99	47	PKIKP	PKIKP	09 33 29.4	+0.1
121A	Cookes Peak, D	126.09	55	PKIKP	PKIKP	09 33 30.3	+0.8

SDCO	Great Sand Dun	126.19	48	PKIKP	PKIKP	09 33 30.3	+0.6
SDCO	Great Sand Dun	126.19	48	PKIKP	PKIKP	09 33 30.3	+0.6
ISA	SNR=8.9	126.23	308	P	PKIKP	09 33 31.0	+1.5
Y2D2	IRIS PASCALL I	126.34	53	PKIKP	PKIKP	09 33 30.9	+1.1
ANMO	Albuquerque	126.43	52	PKIKP	PKIKP	09 33 30.8	+0.7
ANMO	Albuquerque	126.43	52	PKIKP	PKIKP	09 33 30.9	+0.7
ANMO	Albuquerque	126.43	52	PKIKP	PKIKP	09 33 30.9	+0.7
PMTG	Montarig	126.53	314	ePKIKP	PKIKP	09 33 30.3	+0.4
PBEJ	Beja	126.68	313	ePKIKP	PKIKP	09 33 31.4	+1.2
PVAC	Quairos	126.92	312	ePKIKP	PKIKP	09 33 30.3	-0.2
PCVE	Castro Verde	126.95	312	ePKIKP	PKIKP	09 33 32.0	+1.2
MESJ	Messejana	127.01	312	ePKIKP	PKIKP	09 33 31.7	+0.8
MESJ	Messejana	127.01	312	ePKIKP	PKIKP	09 33 31.8	+0.9
PBDV	Barranco-do-Ve	127.02	312	ePKIKP	PKIKP	09 33 30.2	-0.2
PNCL	Nicolau J Gran	127.13	315	ePKIKP	PKIKP	09 33 31.9	+0.8
AGIMN	Agassiz Nation	127.19	32	PKIKP	PKIKP	09 33 29.9	-0.5
TZRR	Tazarine	127.22	303	P	PKIKP	09 33 33.0	+1.3
T25A	Trinidad	127.22	48	PKIKP	PKIKP	09 33 31.9	+0.3
PMAFR	Mafrá	127.33	314	ePKIKP	PKIKP	09 33 32.6	+1.1
ZGR	Zagora	127.43	302	P	PKIKP	09 33 33.0	+0.8
MORF	MARFE	127.53	312	ePKIKP	PKIKP	09 33 32.8	+0.8
MORF	MARFE	127.53	312	ePKIKP	PKIKP	09 33 32.2	+1.2
SUSD	Miller	127.62	38	PKIKP	PKIKP	09 33 31.4	0.0
PVFI	Vila Bisbo	127.72	312	ePKIKP	PKIKP	09 33 34.1	+1.7
KSCO	Kaye Shedlock	127.77	45	PKIKP	PKIKP	09 33 32.6	0.0
OUMZ	Ouz	128.17	304	P	PKIKP	09 33 35.0	+1.4
MNTX	Cornudas Moun	128.28	55	PKIKP	PKIKP	09 33 33.9	+0.3
KIC	Kosan Boka	128.84	272	ePKIKP	PKIKP	09 33 34.3	-0.2
DBIC	Dimbokro	128.97	273	PKIKP	PKIKP	09 33 35.0	+0.3
DBIC	comp=Z,2.2nm,0.6s,baz=96,slow=2.8,SNR=27						
DBIC	comp=Z,3.1nm,1.0s,baz=66,slow=5.6,SNR=8.7						
DBIC	Dimbokro	128.97	273	PKIKP	PKIKP	09 33 35.0	+0.3
DBIC	Dimbokro	128.97	273	PKIKP	PKIKP	09 33 35.0	+0.3
OUK	Oulmeden	128.99	304	P	PKIKP	09 33 37.1	+1.6
LIC	Lamto	129.11	272	ePKIKP	PKIKP	09 33 35.0	0.0
TIC	Toum	129.14	273	ePKIKP	PKIKP	09 33 34.9	-0.2
ECSD	EROS Data Cent	129.42	37	PKIKP	PKIKP	09 33 34.8	0.0
MSTX	Muleshoe	129.62	51	PKIKP	PKIKP	09 33 35.8	+0.2
EYMN	Ely	129.66	30	PKIKP	PKIKP	09 33 35.0	-0.1
EYMN	Ely	129.66	30	PKIKP	PKIKP	09 33 36.0	0.0
BGNB	Belgrade	129.70	41	PKIKP	PKIKP	09 33 36.2	0.0
CBKS	Cedar Bluff	129.89	44	PKIKP	PKIKP	09 33 36.8	+0.1
CBKS	Cedar Bluff	129.89	44	PKIKP	PKIKP	09 33 36.6	-0.2
CBKS	Cedar Bluff	129.89	44	PKIKP	PKIKP	09 33 36.8	+0.1
AMTX	Amarillo	130.12	50	PKIKP	PKIKP	09 33 37.4	0.0
TXAR	Lajitas Array	130.38	58	PKIKP	PKIKP	09 33 38.5	+0.4
TXAR	comp=Z,2.2nm,0.8s,baz=235,slow=1.7,SNR=33						
TXAR	comp=Z,2.0nm,0.8s,baz=267,slow=2.5,SNR=55						
TXAR	comp=Z,3.7nm,0.9s,baz=223,slow=2.9,SNR=6.4						
PLCA	Paso Flores	130.44	166	PKIKP	PKIKP	09 33 37.6	-0.3
PLCA	comp=Z,1.0nm,0.7s,baz=186,slow=1.5,SNR=15						
SPMN	Marine on St.	130.70	34	PKIKP	PKIKP	09 33 37.2	0.0
SCHO	Schellville	131.84	8	PKIKP	PKIKP	09 33 39.4	+0.4
SCHO	comp=Z,1.8nm,0.7s,baz=58,slow=1.8,SNR=19						
SCHO	comp=Z,3.9nm,0.9s,baz=357,slow=4.5,SNR=19						

L55A	Hinsdale	140.10	26	PKiP	PKPdf	09 33 54.7	0.0
O52A	Adamsville	140.11	31	PKiP	PKPdf	09 33 54.4	-0.4
K62A	Middlesex	140.15	24	PKiP	PKPdf	09 33 54.7	-0.1
F63A	Nahmakanata, Br	140.16	14	PKiP	PKPdf	09 33 54.7	0.0
F64A	Sherman	140.18	13	PKiP	PKPdf	09 33 55.0	+0.4
H60A	Morristown	140.21	18	PKiP	PKPdf	09 33 55.0	+0.2
I58A	Old Forge	140.21	21	PKiP	PKPdf	09 33 54.7	-0.2
G62A	West of Eustis	140.24	16	PKiP	PKPdf	09 33 54.9	+0.1
P52A	Corning	140.31	32	PKiP	PKPdf	09 33 54.8	-0.4
O53A	New Philadelph	140.32	30	PKiP	PKPdf	09 33 55.0	-0.1
N54A	Moraine State	140.37	29	PKiP	PKPdf	09 33 55.1	-0.1
J58A	Remsen	140.38	22	PKiP	PKPdf	09 33 55.3	+0.1
K57A	Scipio Center	140.45	24	PKiP	PKPdf	09 33 54.6	-0.7
H61A	Lyndonville	140.47	18	PKiP	PKPdf	09 33 54.9	-0.4
I59A	Olmsteadville	140.51	20	PKiP	PKPdf	09 33 55.6	+0.3
L56A	Greenwood	140.52	25	PKiP	PKPdf	09 33 55.1	-0.4
PKME	Peaks-Kenny Pk	140.52	14	PKiP	PKPdf	09 33 55.3	0.0
M55A	Ridgeway	140.54	27	PKiP	PKPdf	09 33 55.3	-0.3
J59A	Piesco	140.58	21	PKiP	PKPdf	09 33 55.8	+0.2
G63A	Kingsbury	140.58	15	PKiP	PKPdf	09 33 55.6	+0.2
T50A	Nancy	140.62	37	PKiP	PKPdf	09 33 49.9	
I60A	Shoreham	140.66	20	PKiP	PKPdf	09 33 55.1	-0.5
H62A	Milan	140.66	17	PKiP	PKPdf	09 33 54.9	-0.7
G64A	Maxfield	140.66	14	PKiP	PKPdf	09 33 55.1	-0.5
Q52A	Bidwell	140.73	33	PKiP	PKPdf	09 33 55.3	-0.6
LBNH	Lisbon	140.74	18	PKiP	PKPdf	09 33 55.7	-0.1
K58A	Earlville	140.76	23	PKiP	PKPdf	09 33 55.5	-0.3
M56A	Emporium	140.78	26	PKiP	PKPdf	09 33 55.6	-0.4
O54A	Avella	140.79	30	PKiP	PKPdf	09 33 55.9	0.0
P53A	Whipple	140.80	31	PKiP	PKPdf	09 33 55.6	-0.4
H63A	New Sharon	140.89	16	PKiP	PKPdf	09 33 56.0	0.0
L57A	Andrews Acres	140.93	25	PKiP	PKPdf	09 33 55.7	-0.5
N55A	Marion Center	140.98	28	PKiP	PKPdf	09 33 56.6	+0.3
H64A	Troy	141.12	15	PKiP	PKPdf	09 33 56.1	-0.3
J60A	Lant Hill Farm	141.15	20	PKiP	PKPdf	09 33 56.4	-0.1
P54A	Burton	141.18	30	PKiP	PKPdf	09 33 56.6	-0.1
N56A	West Decatur	141.19	27	PKiP	PKPdf	09 33 56.4	-0.3
O55A	Ligonier	141.29	29	PKiP	PKPdf	09 33 57.0	+0.2
L58A	Harry Jones Me	141.29	24	PKiP	PKPdf	09 33 56.5	-0.4
I63A	Otisfield	141.31	17	PKiP	PKPdf	09 33 56.7	0.0
J61A	Chester	141.35	19	PKiP	PKPdf	09 33 57.2	+0.4
R53A	Hurricane	141.36	33	PKiP	PKPdf	09 33 57.2	+0.1
M57A	Sunshine Farm,	141.36	25	PKiP	PKPdf	09 33 57.3	+0.3
H66A	Whiting	141.43	13	PKiP	PKPdf	09 33 57.0	+0.1
MWCW	Mont Chateau	141.45	30	PKiP	PKPdf	09 33 56.9	-0.3
Q54A	Coxs Mills	141.47	31	PKiP	PKPdf	09 33 57.3	0.0
L59A	Walton	141.48	23	PKiP	PKPdf	09 33 57.1	-0.1
K60A	Five Rivers En	141.54	21	PKiP	PKPdf	09 33 57.6	+0.4
P55A	Reedsville	141.58	30	PKiP	PKPdf	09 33 57.3	-0.1
O56A	Blue Knob Stat	141.59	28	PKiP	PKPdf	09 33 57.7	+0.2
SSPA	Standing Stone	141.60	27	PKiP	PKPdf	09 33 52.8	
M58A	Price's Panora	141.61	25	PKiP	PKPdf	09 33 56.5	-1.0
N57A	Whitroy	141.65	26	PKiP	PKPdf	09 33 57.3	-0.2
I64A	Boothbay	141.69	16	PKiP	PKPdf	09 33 57.6	+0.2
J62A	Henniker	141.69	18	PKiP	PKPdf	09 33 57.8	+0.4
LRAL	Lakeview Retre	141.70	44	PKiP	PKPdf	09 33 57.8	0.0
TZTN	Tazewell	141.71	37	PKiP	PKPdf	09 33 58.0	+0.3
K61A	Williamstown	141.71	20	PKiP	PKPdf	09 33 57.9	+0.3
S53A	Williamson	141.73	34	PKiP	PKPdf	09 33 57.6	-0.2
Q55A	Buckhannon	141.84	31	PKiP	PKPdf	09 33 58.0	+0.1
M59A	Waymart	141.88	24	PKiP	PKPdf	09 33 54.6	-3.4
N58A	Sunbury	141.94	25	PKiP	PKPdf	09 33 54.7	-3.3
L60A	Shokan	141.96	22	PKiP	PKPdf	09 33 54.4	-3.7
R54A	Victor	141.98	32	PKiP	PKPdf	09 33 54.3	-3.9
T53A	Wise	141.99	35	PKiP	PKPdf	09 33 54.6	-3.8
L61A	Hillsdale 1, H	142.03	21	PKiP	PKPdf	09 33 54.8	-3.3
O57A	Amberson	142.06	27	PKiP	PKPdf	09 33 55.0	-3.3
K62A	Royalston	142.06	19	PKiP	PKPdf	09 33 54.6	-3.5
P56A	Dayton Farm, R	142.06	29	PKiP	PKPdf	09 33 54.5	-3.7
S54A	Dingess, Beckl	142.09	33	PKiP	PKPdf	09 33 55.0	-3.5
L61B	Northampton	142.10	20	PKiP	PKPdf	09 33 54.7	-3.5
Q56A	Snyder Ridge,	142.25	30	PKiP	PKPdf	09 33 55.2	-3.4
K63A	Dunstable	142.26	18	PKiP	PKPdf	09 33 55.7	-2.8
N59A	State Game Lan	142.28	24	PKiP	PKPdf	09 33 55.7	-2.9
R55A	Marlinton	142.36	31	PKiP	PKPdf	09 33 55.8	-3.2
M60A	Port Jervis	142.38	23	PKiP	PKPdf	09 33 56.0	-3.2
HRV	Adam Dzewonski	142.42	19	PKiP	PKPdf	09 33 56.2	-2.6
O58A	Lewisberry	142.44	26	PKiP	PKPdf	09 33 56.3	-2.6
P57A	Homestead Farm	142.47	28	PKiP	PKPdf	09 33 55.8	-3.1
T54A	Suffield	142.48	34	PKiP	PKPdf	09 33 55.9	-3.3
L62A	Suffield	142.48	20	PKiP	PKPdf	09 33 56.2	-2.7
S55A	Lewisburg	142.54	32	PKiP	PKPdf	09 33 55.7	-3.5
N60A	Cedar Hill Far	142.59	24	PKiP	PKPdf	09 33 56.0	-3.1
O59A	Robesonia	142.61	25	PKiP	PKPdf	09 33 55.8	-3.4
Q57A	Strasburg	142.63	29	PKiP	PKPdf	09 33 56.3	-3.0

R56A	Bull Pasture M	142.63	31	PKiP	PKPdf	09 33 56.2	-3.2
M61A	Granite Spring	142.72	22	PKiP	PKPdf	09 33 56.7	-2.7
U54A	Nelsons Funny	142.72	35	PKiP	PKPdf	09 33 56.6	-3.0
P58A	Pank, Wackersv	142.79	27	PKiP	PKPdf	09 33 56.6	-2.9
T55A	Pulaski	142.87	33	PKiP	PKPdf	09 33 57.2	-2.6
O60A	Telford	142.93	25	PKiP	PKPdf	09 33 57.1	-2.7
PAL	Palisades	142.93	22	PKiP	PKPdf	09 33 58.4	-1.3
PAL	Palisades	142.93	22	PKiP	PKPdf	09 33 57.9	-1.9
PAL	Palisades	142.93	22	PKiP	PKPdf	09 33 58.4	-1.3
L63A	North Scituate	142.98	19	PKiP	PKPdf	09 33 57.7	-2.1
BLA	Blacksburg	143.00	33	PKiP	PKPab	09 33 57.8	+0.3
N61A	South Mountain	143.00	23	PKiP	PKPab	09 33 57.4	+0.1
Q58A	Fox Den Farm,	143.05	28	PKiP	PKPab	09 33 57.8	+0.2
P59A	Jarrettsville	143.08	26	PKiP	PKPab	09 33 57.6	-0.1
S56A	Natural Bridge	143.10	31	PKiP	PKPab	09 33 57.9	0.0
R57A	Stanardsville	143.16	30	PKiP	PKPbc	09 33 58.3	-0.1
N62A	Caumont State	143.16	22	PKiP	PKPbc	09 33 58.2	-0.2
L64A	Middleboro	143.16	18	PKiP	PKPbc	09 33 58.3	0.0
V54A	Nebo	143.17	36	PKiP	PKPab	09 33 58.3	+0.1
U55A	TA2, Sparta	143.17	34	PKiP	PKPab	09 33 58.0	-0.3
M63A	Gales Ferry	143.25	20	PKiP	PKPab	09 33 58.0	-0.2
P60A	Greenville	143.26	25	PKiP	PKPab	09 33 58.4	+0.1
T56A	Rocky Mt	143.34	33	PKiP	PKPab	09 33 58.8	0.0
S57A	Bank Hollow, R	143.36	31	PKiP	PKPab	09 33 58.7	-0.1
M64A	Tiverton	143.39	19	PKiP	PKPbc	09 33 59.0	-0.1
R58A	Rapahannock	143.41	29	PKiP	PKPab	09 33 59.0	0.0
O61A	Allentown	143.47	24	PKiP	PKPab	09 33 59.1	0.0
W54A	Cherokee Point	143.51	37	PKiP	PKPab	09 33 59.5	0.0
V55A	Taylorsville	143.54	35	PKiP	PKPbc	09 33 59.7	-0.1
Q59A	Harwood	143.59	27	PKiP	PKPbc	09 33 59.9	+0.2
U56A	King	143.66	34	PKiP	PKPab	09 33 59.7	-0.3
P61A	Hammonton	143.72	24	PKiP	PKPab	09 33 60.0	-0.1
R58B	Mineral	143.73	29	PKiP	PKPab	09 33 59.9	-0.3
X54A	Belton	143.76	38	PKiP	PKPab	09 34 00.8	+0.3
T57A	Belton	143.78	32	PKiP	PKPab	09 34 00.6	+0.1
CBN	Corbin Frederi	143.79	29	PKiP	PKPbc	09 34 00.3	-0.1
GOGA	Godfrey	143.82	40	PKiP	PKPab	09 34 00.8	0.0
Q60A	Greensboro	143.84	26	PKiP	PKPab	09 34 00.9	+0.4
R59A	King George, V	143.91	28	PKiP	PKPbc	09 34 00.7	0.0
S58A	Poland Farm, P	143.92	30	PKiP	PKPbc	09 34 00.7	-0.2
KM5C	Kings Mountain	143.97	36	PKiP	PKPab	09 34 01.2	0.0
V56A	Morrisville	143.98	35	PKiP	PKPbc	09 34 01.1	0.0
R60A	Leonardtown, M	144.11	28	PKiP	PKPbc	09 34 01.1	-0.2
U57A	Blair	144.16	33	PKiP	PKPbc	09 34 01.4	-0.2
Q61A	Milford	144.17	26	PKiP	PKPbc	09 34 01.5	0.0
S59A	Mechanicsville	144.18	29	PKiP	PKPbc	09 34 01.7	+0.1
T58A	Grand View Acr	144.19	31	PKiP	PKPbc	09 34 01.4	-0.1
X55A	Graceyn & Ava	144.26	37	PKiP	PKPdf	09 34 02.2	0.0
V57A	Cotrane Farms	144.33	34	PKiP	PKPbc	09 34 02.1	-0.1
W56A	Indian Trail	144.41	35	PKiP	PKPdf	09 34 02.6	+0.1
Y55A	Saluda	144.49	38	PKiP	PKPab	09 34 03.4	+0.2
S60A	Water View	144.53	28	PKiP	PKPbc	09 34 02.9	+0.2
X56A	White Oak	144.60	37	PKiP	PKPab	09 34 03.4	-0.2
U58A	Oxford	144.61	32	PKiP	PKPbc	09 34 02.9	-0.1
T59A	Double "B" Far	144.67	30	PKiP	PKPbc	09 34 03.4	+0.2
W57A	Gilead	144.74	35	PKiP	PKPbc	09 34 03.6	+0.2
V58A	Windy Hill, Pi	144.76	33	PKiP	PKPbc	09 34 03.4	-0.1
Y56A	Pelion	144.92	38	PKiP	PKPab	09 34 04.6	-0.3
T60A	Surry	144.94	29	PKiP	PKPbc	09 34 04.1	+0.1
TIGA	Tifton	144.97	43	PKiP	PKPbc	09 34 04.4	+0.1
S61A	Accomac	145.00	27	PKiP	PKPab	09 34 04.7	-0.3
U59A	Light House	145.03	31	PKiP	PKPbc	09 34 04.1	-0.2
X57A	Johnson Farm,	145.16	36	PKiP	PKPbc	09 34 04.7	-0.1
Z56A	Williston	145.20	38	PKiP	PKPbc	09 34 04.9	0.0
V59A	Middlesex	145.25	32	PKiP	PKPbc	09 34 05.0	+0.1
U60A	Pendleton	145.26	30	PKiP	PKPbc	09 34 05.0	+0.1
W58A	RaeFord	145.26	34	PKiP	PKPbc	09 34 04.8	-0.2
Y57A	Sumter	145.31	37	PKiP	PKPbc	09 34 05.4	+0.2
X58A	Rover	145.54	35	PKiP	PKPbc	09 34 05.8	-0.1
W59A	Clinton	145.59	33	PKiP	PKPbc	09 34 06.1	+0.1
Z57A	Bohannon	145.63	38	PKiP	PKPbc	09 34 05.7	-0.4
U61A	Possum Corner	145.72	30	PKiP	PKPbc	09 34 06.6	-0.3
V60A	Jim Taylor Roa	145.76	31	PKiP	PKPbc	09 34 06.1	-0.3
Y58A	Scranton</						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, MTP Monte Pirata, CUPR Culebra, etc.

ICD 07 10:14:35.1, 0.8, 47:33N:27:49W, h0km, mb4.0/17, mb1.4/11.9, mb1mx3.9/50, mbtmp3.9/19, ML4, I/2, MS3.5/19, Ms1.3/5.19, ms1mx3.9/4.45, Error ellipse: s-maj=24.8km s-min=13.2km az=18.0

NEIC 07 10:14:37.5-1.8, 47:4N:01:27:38W+0.08, h6km, n56, 0590/35, mb4.3/28, MS3.5/18, Northern Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like VRAC Vranov, KEST Kesra, FINES FINESSE Array, etc.

ICD 07 10:25:04.2-0.6, 40:21'S:78:19'E, h0km, mb4.2/16, mb1.4/3.16, mb1mx4.2/38, mbtmp4.2/16, MS4.6/12, Ms1.4/6.12, ms1mx4.3/30, Error ellipse: s-maj=19.4km s-min=16.5km az=136.0

NEIC 07 10:25:05.7, 1.0, 40:16'S:0:03:78:2'E:0.1, h10km, 1km, mb4.7/16, Error ellipse: s-maj=20.8km s-min=5.5km az=267.0

GCMT 07 10:25:08.7, 0.2, 40:23'S:0:01:77:97'E:0.01, h17km, MW5.3/11, Moment Tensor Solution, s71, c108, s11, c100, Duration: 16, Moment tensor: Scale 1017 Nxy: M=, 0.12; 0.2; Mxx=0.99; 0.2; Mxz=1.1; 0.2; Myz=0.03; 0.5; Mzz=0.32; 0.2; Mw=0.08; 0.5; Best double couple: M1.09x0.1017, NP1.9x0.30000, 0.86.00000, 1.0.00000, NP2.0x323.00000, 0.90.00000, 1.76.00000. Principal axes: T 1.1610, Plg3.0000, Azm278.0000; N -0.1210, Plg86.0000, Azm137.0000; P -1.0350, Plg3.0000, Azm8.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 07 10:25:05.7, 0.5, 40:17'S:0:10:78:2'E:0.1, h10km, n59, 065647, mb4.3/22, MS4.6/15, 22, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MAW Mawson, H01W2 Cape Leeuwin, etc.

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

ICD 07 10:27:13.2, 1.8, 0:44'S:124:75'E, h0km, mb3.3/3, mb1.3/3, mb1mx3.3/27, mbtmp3.3/7, Error ellipse: s-maj=204.5km s-min=26.3km az=63.0, Southern Molucca Sea

ICD 07 10:52:07.0, 1.1, 47:27'N:27:47'W, h0km, mb3.7/5, mb1.3/5, mb1mx3.5/35, mbtmp3.7/5, Error ellipse: s-maj=43.4km s-min=25.8km az=20.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, PDAR Pinedale Array, etc.

ICD 07 11:09:37.3, 1.3, 6:89'S:155:57'E, h183km, 15km, mb3.1/3, mb1.3/4.5, mb1mx3.1/32, mbtmp3.7/5, Error ellipse: s-maj=33.5km s-min=12.3km az=34.0

ISC 07 11:09:37.7, 1.0, 6:85'02.155:7E:0.2, h200km, n9, 01945/8, mb3.4/3, Bougainville-Solomon Islands region

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

UPA 07 11:23:51.6-4.8, 16:75'N:91:62'W, h10km, 95km, MW6.4, ICD 07 11:23:54.0-0.8, 14:39'N:92:14'W, h44km, 6km, mb5.7/43, mb1.5/7.45, mb1mx5.7/47, mbtmp5.9/45, ML5.3/2, MS6.4/39,

2014 JUL

7d 11h

7d 11h

2014 JUL

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like S55A, V61A, 214A, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Q55A, S59A, M59A, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like R61A, M51A, SW5C, etc.

7d 11h

PKM	baz=122	S	S	11 35 27.2	+8.1		
VES	Vestal, Richgr baz=125,SNR=380	31.77	31.6	P	P	11 30 16.8	+2.6
VES	baz=125	S	S	11 35 28.1	+9.1		
L61A	Hillsdale 1, H baz=216,SNR=47	31.77	27	P	P	11 30 13.9	-0.2
J57A	Williamstown baz=211,SNR=94	31.78	23	P	P	11 30 13.7	-0.5
J57A	Williamstown comp=Z,2um,1.6s	31.78	23	IAMB	IAMB	11 30 16.5	
M63A	Gales Ferry baz=220,SNR=90	31.85	30	P	P	11 30 14.9	+0.2
PECO	Prince Edward baz=Z,590nm,0.6s	31.87	21	IAMB	IAMB	11 30 16.4	
I55A	Frankford baz=208,SNR=153	31.89	20	P	P	11 30 14.3	-0.8
I55A	baz=208	S	S	11 35 19.3	-1.3		
BBGH	Gun Hill comp=Z,196um,22.0s	31.90	89	IAMS_20	IAMS_20	11 41 59.7	
H53A	Bolcaeygeon baz=206,SNR=235	31.91	19	P	P	11 30 14.7	-0.6
H53A	baz=206	S	S	11 35 20.0	-1.1		
TIN	Tinemaha, Big baz=127,SNR=90	31.92	319	P	P	11 30 18.7	+3.1
TIN	baz=127	S	S	11 35 30.6	+9.1		
SADO	Sadowa comp=Z,200nm,0.5s,baz=224,slow=9.1,SNR=99	31.92	18	P	P	11 30 14.5	-0.8
SADO	comp=Z,83nm,0.7s,baz=243,slow=9.1,SNR=1.8	31.92	18	PcP	PcP	11 33 04.6	+0.4
K60A	Five Rivers En baz=215,SNR=18	31.97	26	P	P	11 30 15.4	-0.4
F48A	Evansville baz=198,SNR=14	32.01	13	P	P	11 30 14.8	-1.3
F48A	baz=198	S	S	11 35 20.5	-2.0		
J58A	Remsen baz=212,SNR=198	32.02	24	P	P	11 30 15.8	-0.4
J58A	Remsen comp=Z,528nm,0.7s	32.02	24	IAMB	IAMB	11 30 15.9	-0.4
J58A	comp=Z,185um,22.0s	IAMS_20	IAMS_20	11 43 34.2			
L62A	Suffield baz=218,SNR=12	32.05	28	P	P	11 30 16.0	-0.5
L62A	baz=218	S	S	11 35 21.2	-2.0		
F49A	Sandfield baz=199,SNR=25	32.07	14	P	P	11 30 14.7	-2.0
F49A	baz=199	S	S	11 35 20.8	-2.7		
SMMC	Simmler baz=123,SNR=98	32.10	315	P	P	11 30 19.5	+2.4
SMMC	baz=123	S	S	11 35 32.9	+8.6		
TRY	Troy comp=Z,2um,1.4s	32.16	26	IAMB	IAMB	11 30 20.2	
TRY	comp=Z,214um,21.0s	IAMS_20	IAMS_20	11 42 56.0			
DELO	Deloro Mine comp=Z,510nm,0.7s	32.17	20	IAMB	IAMB	11 30 21.9	
AHID	Auburn Hatcher comp=Z,945nm,1.3s	32.17	334	IAMB	IAMB	11 31 01.7	
VOG	Valley Oaks Go baz=125,SNR=11	32.24	317	P	P	11 30 20.6	+2.3
K61A	Williamstown baz=216,SNR=106	32.28	27	P	P	11 30 18.9	+0.3
K61A	baz=216	S	S	11 35 25.9	-1.0		
H55A	Tweed baz=208,SNR=82	32.35	21	P	P	11 30 18.3	-0.8
H55A	baz=208	S	S	11 35 24.3	-3.5		
I57A	Carthage baz=211,SNR=33	32.36	23	P	P	11 30 18.4	-0.5
I57A	baz=211	S	S	11 35 26.4	-1.6		
M64A	Tiverton baz=221,SNR=19	32.36	30	P	P	11 30 19.3	0.0
M64A	baz=221	S	S	11 35 28.7	+0.6		
L61B	Northampton baz=217,SNR=27	32.37	28	P	P	11 30 18.7	-0.6
QUA2	Belchertown comp=Z,163um,19.0s	32.38	28	IAMS_20	IAMS_20	11 43 54.0	
G53A	Haliburton baz=205,SNR=148	32.39	18	P	P	11 30 18.7	-0.9
G53A	baz=205	S	S	11 35 27.6	-1.0		
L63A	North Scituate baz=220,SNR=34	32.41	30	P	P	11 30 18.9	-0.7
L63A	baz=220	S	S	11 35 28.9	+0.1		
J59A	Piesco baz=214,SNR=145	32.41	25	P	P	11 30 19.4	-0.4
J59A	baz=214	S	S	11 35 28.4	-0.5		
J59A	Piesco comp=Z,2um,1.6s	32.41	25	IAMB	IAMB	11 30 19.4	-0.4
J59A	comp=Z,126um,21.0s	IAMS_20	IAMS_20	11 43 54.7			
I58A	Old Forge baz=213,SNR=488	32.41	24	P	P	11 30 19.4	-0.3
I58A	baz=213	S	S	11 35 27.3	-1.7		
E28A	Huff comp=Z,1um,1.1s	32.43	349	IAMB	IAMB	11 30 52.0	
E47A	Iron Bridge baz=196,SNR=54	32.47	12	P	P	11 30 18.9	-1.2
E47A	baz=196	S	S	11 35 27.7	-1.9		
BRYW	Bryant College comp=Z,188um,21.0s	32.48	30	IAMS_20	IAMS_20	11 44 04.7	
ELK	Elko comp=Z,100nm,1.0s,baz=164,slow=5.0,SNR=8.2	32.61	327	PcP	PcP	11 30 07.7	+1.1
ELK	comp=Z,34nm,1.3s,baz=67,slow=4.4,SNR=4.2	32.61	327	ScP	ScP	11 36 47.6	+3.5
ELK	comp=Z,6.1nm,0.6s,baz=264,slow=1.1,SNR=14	32.61	327	PKIKP	PKIKP	11 40 34.9	+1.4
ELK	comp=Z,130um,19.1s,baz=170,slow=40	32.61	327	LR	LR	11 45 54.1	
ELK	Elko comp=Z,1um,1.7s	32.61	327	IAMS_20	IAMS_20	11 45 43.3	
ELK	Elko comp=Z,126um,19.0s	32.65	31	P	P	11 30 22.0	+0.2
M65A	Busby, Falmout baz=222	32.68	26	P	P	11 30 22.2	+0.1
J60A	Lant Hill Farm baz=216,SNR=95	32.69	32	P	P	11 30 22.3	+0.2
M66A	Nantucket baz=223	S	S	11 35 35.7	+2.6		
ACCN	Adirondack Com Teton Pass comp=Z,627nm,0.9s	32.69	26	P	IAMB	11 30 21.8	-0.3
TPAW	Elgin baz=210,SNR=141	32.71	22	P	P	11 30 21.7	-0.6
H56A	baz=210	S	S	11 35 33.4	+0.1		
E48A	Lockeyer baz=198,SNR=32	32.73	13	P	P	11 30 21.0	-1.4
E48A	baz=198	S	S	11 35 31.5	-2.1		
K62A	Royalston baz=218,SNR=29	32.74	28	P	P	11 30 22.1	-0.5
K62A	Royalston comp=Z,155um,19.0s	32.74	28	IAMS_20	IAMS_20	11 44 06.4	
OMMB	Old Mammoth Mill comp=Z,1um,1.5s	32.74	319	IAMB	IAMB	11 30 29.6	
D46A	Sault St. Mari baz=195,SNR=80	32.75	11	P	P	11 30 21.4	-1.2
D46A	baz=195	S	S	11 35 33.3	-0.6		
F51A	Arnstein baz=203,SNR=45	32.76	16	P	P	11 30 21.2	-1.5
F51A	baz=203	S	S	11 35 32.8	-1.4		
F52A	Sundridge baz=204,SNR=62	32.80	17	P	P	11 30 21.5	-1.5
F52A	baz=204	S	S	11 35 33.5	-1.3		
G54A	Lake Saint Pet baz=206,SNR=116	32.81	19	P	P	11 30 22.0	-1.1

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NVAR	Minna Array Bea comp=Z,828nm,0.9s,baz=133,slow=8.3,SNR=1441	32.81	321	P	P	11 30 26.0	+2.5
NVAR	comp=Z,17nm,0.6s,baz=90,slow=1.8,SNR=5.2	32.81	321	PcP	PcP	11 33 08.6	+1.4
NVAR	comp=Z,25nm,0.9s,baz=134,slow=3.9,SNR=7.3	32.81	321	ScP	ScP	11 36 49.8	+4.9
NVAR	comp=Z,5.8nm,0.8s,baz=162,slow=1.8,SNR=8.3	32.81	321	PKIKP	PKIKP	11 40 35.3	+1.5
NVAR	comp=Z,117um,20.9s,baz=134,slow=38	32.81	321	LR	LR	11 44 37.9	
NVAR	comp=Z,3.3nm,1.0s,baz=306,slow=4.8,SNR=9.6	32.81	321	P3K(Pbc	P3K(Pbc	12 01 42.5	
L64A	Michalsborough baz=221,SNR=97	32.84	30	P	P	11 30 23.6	+0.2
L64A	baz=221	S	S	11 35 35.4	0.0		
H57A	Richville baz=211,SNR=105	32.91	23	P	P	11 30 23.4	-0.6
H57A	baz=211	S	S	11 35 36.6	+0.1		
HRV	Adam Dziewonski comp=Z,383nm,1.0s	32.93	29	P	P	11 30 22.9	-1.3
HRV	comp=Z,111um,19.0s	32.93	29	MLR	MLR	11 30 24.2	-0.1
HRV	Adam Dziewonski comp=Z,111um,19.0s	32.93	29	P	P	11 30 22.9	-1.3
HRV	Adam Dziewonski comp=Z,111um,19.0s	32.93	29	IAMS_20	IAMS_20	11 45 29.4	
I59A	Olmsteadville baz=214,SNR=72	32.94	25	P	P	11 30 23.7	-0.7
I59A	baz=214	S	S	11 35 34.0	-3.1		
WES	Weston comp=Z,611nm,1.4s	32.95	29	P	P	11 30 24.4	0.0
WES	Weston comp=Z,120um,20.0s	32.95	29	IAMS_20	IAMS_20	11 39 54.9	
BCX	Boston College comp=Z,172um,22.0s	32.98	30	IAMS_20	IAMS_20	11 44 18.8	
E50A	Wahnapitae baz=201,SNR=54	33.01	15	P	P	11 30 23.5	-1.4
E50A	baz=201	S	S	11 35 35.5	-2.4		
EYMN	Ely baz=182,SNR=29	33.06	1	P	P	11 30 23.3	-2.0
RYN	Ryan comp=Z,1um,1.3s	33.07	321	IAMB	IAMB	11 30 32.4	
RYN	Kaiserville comp=Z,1um,1.2s	33.08	322	IAMB	IAMB	11 30 34.7	-2.0
D47A	Chapleau baz=197,SNR=85	33.08	12	P	P	11 30 24.0	-1.5
D47A	baz=197	S	S	11 35 38.0	-1.2		
K63A	Dunstable baz=219,SNR=40	33.08	29	P	P	11 30 25.6	+0.1
G55A	Calabogie baz=208,SNR=120	33.12	20	P	P	11 30 25.3	-0.6
G55A	baz=208	S	S	11 35 39.7	-0.2		
J61A	Chester baz=217,SNR=38	33.14	27	P	P	11 30 25.8	-0.3
I60A	Shoreham baz=215,SNR=97	33.22	26	P	P	11 30 26.2	-0.5
L65A	Cape Cod Natio baz=222	33.30	31	P	P	11 30 27.2	-0.2
H17A	Grant Village baz=147,SNR=121	33.30	336	P	P	11 30 29.8	+2.0
H17A	baz=147	S	S	11 35 48.3	+5.1		
H17A	Grant Village comp=Z,939nm,1.8s	33.30	336	IAMB	IAMB	11 31 21.5	
ALGO	Algonquin Park baz=206,SNR=119	33.32	18	P	P	11 30 26.6	-1.0
H58A	Gabriels baz=213,SNR=172	33.34	24	P	P	11 30 27.2	-0.6
H58A	baz=213	S	S	11 35 43.7	+0.4		
LONY	Lak Ozonia baz=212,SNR=182	33.35	23	P	P	11 30 27.3	-0.6
LONY	Lake Ozonia comp=Z,690nm,0.9s	33.35	23	IAMB	IAMB	11 30 31.9	
LONY	comp=Z,187um,22.0s	33.37	28	P	P	11 30 28.0	-0.1
J62A	Henniker baz=218,SNR=32	33.37	28	P	P	11 30 28.0	-0.1
J62A	baz=218	S	S	11 35 44.5	+0.7		
RLMT	Red Lodge baz=150,SNR=43	33.42	338	P	P	11 30 29.8	+1.0
RLMT	baz=150	S	S	11 35 46.4	+1.4		
E51A	G1948 Merrick baz=203,SNR=80	33.43	16	P	P	11 30 27.6	-1.0
E51A	baz=203	S	S	11 35 43.6	-1.0		
E52A	Mattawa baz=205,SNR=43	33.44	17	P	P	11 30 27.4	-1.2
E52A	baz=205	S	S	11 35 43.9	-0.8		
D48A	Paudash Townsh baz=199,SNR=35	33.46	13	P	P	11 30 27.1	-1.7
D48A	baz=199	S	S	11 35 41.3	-3.8		
MDND	Maddock baz=167,SNR=243	33.49	351	P	P	11 30 28.5	-0.6
AGMN	Agassiz Nation baz=174,SNR=91	33.52	356	P	P	11 30 28.0	-1.3
AGMN	baz=174	S	S	11 35 43.5	-2.5		
WAKR	Walker comp=Z,1um,1.4s	33.55	320	IAMB	IAMB	11 30 36.9	
G57A	Newington baz=211,SNR=138	33.61	23	P	P	11 30 29.4	-0.7
G57A	baz=211	S	S	11 35 47.0	-0.3		
D49A	Beulah Townshi baz=200,SNR=50	33.66	14	P	P	11 30 28.9	-1.6
ORIO	Orleans, Innes baz=210,SNR=86	33.72					

Table with columns for ID, Name, Date, Time, and other details. Includes entries like D57A, H64A, E59A, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like I04A, K02D, F07A, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like CLDB, PTLB, SCHQ, etc.

7d 11h

Table with columns: RKT, Rikitea, 56.18 229 eS, S, 11 41 11.9 -1.6, etc. Lists various stations and their frequencies.

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Table with columns: PAX, Paxson, 60.57 335 Iamb, Iamb, 11 34 23.9, etc. Lists various stations and their frequencies.

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Table with columns: TIAR, Tiarei, 64.71 242 eT, T, 12 43 44.6, etc. Lists various stations and their frequencies.

7d 11h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HOPEN, BL55, N2RO, EPF, N2VA, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NC204, ODJA, NIUE, TRO, NBO00, BGES, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KTD, EMHD, TIC, NRDL, KEV, KEV, KEV, etc.

7d 11h

Table with columns for station name, frequency, time, and signal strength. Includes stations like MSVF Nonsavu, STON Tarawa, KWP Kaiwaria Pacla, etc.

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Table with columns for station name, frequency, time, and signal strength. Includes stations like YAK comp=E,14um,26.0s, YAK Yakutsk, YAK comp=Z,112nm,1.0s, etc.

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Table with columns for station name, frequency, time, and signal strength. Includes stations like ASAJ Asahikawa, ASAJ comp=Z,43nm,1.2s, ASAJ comp=Z,2.0nm,0.6s, etc.

BVA0	Borovoye Array	110.84	11	PKIKP	PKIKP	11 42 22.5	+1.1
BVAR	Borovoye Array	110.84	11	Pdfff	Pdfff	11 38 21.8	-0.3
BVAR	comp-Z, 0.4nm, 0.4s, baze=341, slow=3.1, SNR=3.2			PKIKP	PKIKP	11 42 21.8	+0.4
BVAR	comp-Z, 1.5nm, 0.6s, baze=344, slow=4.5, SNR=2.7			PKIKP	PKIKP	11 42 19.0	-2.3
BVAR	comp-Z, 5.2nm, 0.8s, baze=195, slow=4.5, SNR=7.9			PKIKP	PKIKP	12 01 43.3	
BVAR	comp-Z, 1.3nm, 0.9s, baze=149, slow=3.0, SNR=2.8			PKIKP	PKIKP	11 42 23.1	+0.5
MMAI	Mount Meron Ar	111.13	45	PKIKP	PKIKP	11 42 23.1	+0.5
ZALV	Zalesovo Beam	111.49	2	Pdfff	Pdfff	11 38 26.2	+1.3
ZALV	comp-Z, 0.5nm, 0.3s, baze=350, slow=4.5, SNR=4.0			PKIKP	PKIKP	11 42 22.7	+0.1
ZALV	comp-Z, 9.3nm, 0.5s, baze=313, slow=2.0, SNR=15			PP	PP	11 43 02.5	-0.8
ZALV	comp-Z, 1.6nm, 0.8s, baze=343, slow=2.1, SNR=4.3			SKP	SKP	11 45 54.4	
ZALV	comp-Z, 3.7nm, 0.6s, baze=329, slow=1.7, SNR=2.1			PKIKP	PKIKP	11 53 13.3	-5.9
ZALV	comp-Z, 9.1nm, 1.1s, baze=191, slow=4.4, SNR=5.0			PKIKP	PKIKP	11 42 24.6	+1.5
CHJN	Chongjin	111.54	327	PKP	PKIKP	11 42 24.6	+1.5
AB51	Akbulak array	111.69	19	PKIKP	PKIKP	11 38 23.7	-2.7
MAK	Makhachkala	111.76	31	eP	Pdfff	11 42 19.8	
MAK				e		11 42 45.9	
MAK				e		11 42 59.9	
MAK				e		11 45 25.4	
MAK				e		11 48 55.9	
MAK				e		11 52 26.3	-1.0
MAK				e		12 02 50.7	
MAK				e		11 53 15.1	-1.2
MAK				e		11 38 30.7	+1.9
MAK				e		11 42 21.4	
MAK				e		11 43 10.5	
MAK				e		11 52 35.4	-4.1
MAK				e		11 52 40.6	
MAK				e		11 58 37.5	-5.3
MAK				e		12 38 45.4	
MAK				e		11 42 26.5	+0.9
MAK				e		11 42 26.1	+0.4
MAK				e		12 27 55.2	
MAK				e		11 42 28.4	+1.4
MAK				e		11 42 28.7	+0.7
MAK				e		11 43 23.9	+1.5
MAK				e		11 42 27.8	-0.3
MAK				e		11 42 29.6	+1.5
MAK				e		11 42 28.7	+0.6
MAK				e		11 42 30.2	+0.9
MAK				e		11 42 30.8	+0.8
MAK				e		11 42 30.8	+0.6
MAK				e		11 42 30.3	0.0
MAK				e		11 38 43.4	+0.6
MAK				e		11 42 30.8	+0.2
MAK				e		11 43 32.0	+0.4
MAK				e		11 53 03.4	-2.6
MAK				e		11 42 30.4	-0.2
MAK				e		11 43 31.1	-1.0
MAK				e		11 42 32.2	+1.5
MAK				e		11 43 31.3	-1.0
MAK				e		11 42 32.6	+1.6
MAK				e		11 43 35.6	+2.1
MAK				e		11 42 31.7	+0.5
MAK				e		11 38 47.3	+3.5
MAK				e		11 42 31.2	+0.1
MAK				e		11 53 03.7	-0.8
MAK				e		11 53 28.5	-0.1
MAK				e		11 42 31.9	+0.8
MAK				e		11 42 31.8	+0.6
MAK				e		11 42 34.9	+2.5
MAK				e		11 42 34.9	+2.5
MAK				e		11 42 31.8	-0.7
MAK				e		12 21 39.6	
MAK				e		11 42 34.9	+1.7
MAK				e		11 42 34.9	+0.6
MAK				e		11 43 43.1	+0.4
MAK				e		11 53 22.5	-3.8
MAK				e		11 42 33.9	+0.1
MAK				e		11 42 36.0	+1.5
MAK				e		11 42 35.1	+0.6
MAK				e		12 26 34.7	
MAK				e		11 38 51.5	-1.9
MAK				e		11 42 33.3	-1.9
MAK				e		11 51 26.9	-4.8
MAK				e		11 59 53.6	-1.8
MAK				e		11 42 34.4	-0.2
MAK				e		11 42 39.2	+4.6
MAK				e		11 42 31.9	+3.7
MAK				e		11 42 36.1	-0.2
MAK				e		11 42 36.0	-0.2
MAK				e		12 41 59.8	
MAK				e		11 42 35.8	-0.6

MKAR	Makanchi Array	118.50	4	PKP	PKP	11 42 36.2	-0.2
MKAR	comp-Z, 1.3nm, 0.7s, baze=335, slow=3.1, SNR=37			SKP	SKP	11 46 08.2	
MKAR	comp-Z, 6.1nm, 0.9s, baze=15, slow=3.4, SNR=2.4			PKIKP	PKIKP	11 52 53.8	-1.2
MKAR	comp-Z, 1.4nm, 0.9s, baze=142, slow=4.5, SNR=14			PKIKP	PKIKP	12 01 31.8	
MKAR	comp-Z, 0.6nm, 0.9s, baze=159, slow=2.5, SNR=4.4			PKIKP	PKIKP	11 42 38.5	+0.7
BTLS	Baital	119.18	11	i	SKS	11 42 35.6	-1.4
BTLS	comp-Z, 32nm, 1.8s, baze=11			LR	LR	12 33 35.8	
BTLS	comp-Z, 9um, 21.9s, baze=11			LR	LR	11 42 38.4	+0.7
BTLS	Baital	119.18	11	i	PKIKP	11 42 38.4	+0.7
BTLS	comp-Z, 32nm, 1.8s			pmax	pmax	11 49 25.5	
BTLS	comp-Z, 9um, 22.0s			MLR	MLR	11 42 38.0	0.0
BJI	Beijing	119.30	335	PKP	PKP	11 42 38.0	0.0
BJI				SKKS	SKKS	11 50 51.1	
BJI				SS	SS	12 00 15.9	+1.2
BJI	comp-Z, 4um, 8.0s			LR	LR	11 42 45.9	
BJI	comp-Z, 4um, 16.8s			LR	LR	11 42 45.9	
BJI	comp-Z, 13um, 20.6s			LR	LR	11 42 38.1	0.0
BJI	comp-Z, 18um, 26.0s			LR	LR	11 42 38.1	0.0
BJT	Baijiatuu	119.32	335	PKIKP	PKIKP	11 42 38.1	0.0
BJT	Baijiatuu	119.32	335	PKIKP	PKIKP	11 42 38.1	0.0
BJT	Baijiatuu	119.32	335	IAMS_20	IAMS_20	12 40 42.6	
ARMA	Armidade	119.59	243	PKP	PKP	11 42 38.3	-0.6
TDK	Taldyqorghan	119.90	8	i	PKP	11 42 39.9	+0.7
TDK	baze=7.6			i	SKS	11 49 27.8	-1.7
TDK	baze=7.6			i	PS	11 53 55.5	+3.5
TDK	baze=7.6			i	LQ	12 26 16.1	
TDK	comp-Z, 23um, 23.7s, baze=7.6			LR	LR	12 30 34.7	
TDK	Taldyqorghan	119.90	8	i	PKIKP	11 42 39.9	+0.7
TDK				i	PS	11 49 27.8	
TDK				i	PKK	11 53 55.4	+3.5
TDK				i	MLR	11 57 55.2	
TDK	comp-Z, 23um, 24.0s			PKP	PKP	11 42 37.0	-2.9
KK31	Kurhatov Array	120.28	14	i	PKIKP	11 42 41.4	+1.1
HHC	Hu-ho-hao-te	120.34	339	e	PKP	11 44 10.9	+5.1
HHC				PP	PP	11 44 10.9	+5.1
HHC				AMB	AMB	11 44 10.9	+5.1
HHC	comp-Z, 7um, 10.2s			LR	LR	11 42 41.1	+0.2
HHC	comp-Z, 22um, 19.8s			LR	LR	11 42 41.1	+0.2
HHC	comp-Z, 1um, 18.3s			LR	LR	11 42 41.1	+0.2
HHC	comp-Z, 30um, 19.4s			LR	LR	11 42 41.1	+0.2
DZA	Taraz	120.68	14	i	PKP	11 42 41.6	+0.9
DZA	baze=14			LR	LR	12 33 28.9	
DZA	comp-Z, 10um, 20.0s, baze=14			LR	LR	11 42 41.6	+0.9
DZA	Taraz	120.68	14	i	PKIKP	11 42 41.6	+0.9
DZA				MLR	MLR	11 42 41.1	+0.2
GEYT	Alibeck	120.69	27	PKP	PKIKP	11 42 41.1	+0.2
GEYT	comp-Z, 56nm, 0.7s, baze=276, slow=4.3, SNR=42			PKIKP	PKIKP	11 52 45.8	-0.9
GEYT	comp-Z, 30nm, 1.2s, baze=208, slow=5.0, SNR=12			SKK	SKK	11 56 28.0	+0.8
GEYT	comp-Z, 5.6nm, 1.0s, baze=202, slow=1.6, SNR=3.6			PKIKP	PKIKP	11 42 41.1	+0.2
GYA0B	ALIBECK ARRAY	120.69	27	e	PKP	11 42 41.1	+0.2
KUU	Kury	120.69	9	e	PKP	11 42 40.9	+0.1
KUU	baze=9.5			PP	PP	11 44 10.7	+2.8
KUU	baze=9.5			e	SKS	11 49 30.1	-2.3
KUU	baze=9.5			e	PS	11 54 01.7	+4.3
KUU	baze=9.5			LR	LR	12 29 40.5	
KUU	baze=9.5			LR	LR	12 33 01.8	
KUU	comp-Z, 59um, 26.0s, baze=9.5			LR	LR	11 42 40.8	+0.1
KUU	Kury	120.69	9	e	PKIKP	11 44 10.6	
KUU				i	PS	11 49 30.0	
KUU				i	PKK	11 54 01.6	+4.2
KUU				i	MLR	11 42 41.1	+0.2
ITZ	Itzhi-Tezhi	120.78	100	e	Pdfff	11 39 12.1	+5.1
ITZ				e	PP	11 44 15.1	+4.3
CHM	Chimkent	120.79	15	e	PKP	11 42 42.0	+0.9
CHM	Chimkent	120.79	15	e	PKIKP	11 42 41.9	+0.9
SGDS	Sogindy	120.83	11	i	PKP	11 42 41.4	+0.3
SGDS	comp-Z, 160nm, 1.8s, baze=11			PP	PP	11 44 11.1	+2.2
SGDS	baze=11			i	SKS	11 49 31.2	-1.7
SGDS	baze=11			i	SKS	11 42 41.4	+0.3
SGDS	Sogindy	120.83	11	i	PKIKP	11 42 41.4	+0.3
SGDS				i	PS	11 49 31.2	
SGDS	comp-Z, 160nm, 1.8s			pmax	pmax	11 49 31.2	
CHKK	Chushlykay	120.83	9	e	PKP	11 42 41.8	+0.7
CHKK	Chushlykay	120.83	9	e	PKIKP	11 42 41.7	+0.7
CHKK	Ospenovka	120.98	11	P	PKIKP	11 42 42.4	+1.0
BOSA	Boshof	121.04	115	i	PKP	11 42 42.9	+1.0
BOSA	Boshof	121.04	115	i	PKP	11 42 41.6	-0.1
BOSA	comp-Z, 201nm, 0.8s, baze=273, slow=2.5, SNR=61			PKIKP	PKIKP	11 42 42.9	+1.0
BOSA	Boshof	121.04	115	i	PKP	11 42 41.4	-0.4
IUG	Iuzhny	121.06	15	i	PKP	11 42 41.9	+0.3
IUG	comp-Z, 2um, 20.0s, baze=15			LR	LR	12 34 56.4	
IUG	Iuzhny	121.06	15	i	PKIKP	11 42 41.9	+0.3
IUG	comp-Z, 2um, 20.0s			MLR	MLR	11 42 41.7	0.0
IBTO	Lobatse	121.07	340	PKP	PKIKP	11 42 41.7	0.0
LBTB	Lobatse	121.25	110	PKIKP	PKIKP	11 42 42.4	0.0
LBTB	Lobatse	121.25	110	PKP	PKP	11 42 42.4	0.0
CHMS	Chumysh	121.29	11	P	PKIKP	11 42 43.0	+1.0
EKS2	Erkin-Say	121.42	12	P	PKIKP	11 42 43.5	+1.1
EKS2	Erkin-Say	121.42	12	P	PKIKP	11 52 41.9	-2.4
KPKS	Kokpek	121.44	8	e	PKP	11 42 42.5	+0.1
KPKS	comp-Z, 137nm, 1.9s, baze=7.7			e	SKS	11 49 33.5	-1.7
KPKS	baze=7.7			e	PS	11 54 09.1	+5.1
KPKS	baze=7.7			LR	LR	12 32 02.9	
KPKS	comp-Z, 13um, 20.6s, baze=7.7			LR	LR	11 42 42.4	+0.1
KPKS	Kokpek	121.44	8	e	PKIKP	11 54 09.0	+1.7
KPKS	comp-Z, 137nm, 1.9s			MLR	MLR	11 42 42.9	+0.5
AAA	Alma-Ata	121.45	9	e	PKP	11 42 42.9	+0.5
AAA	baze=9.2			PP	PP	11 44 15.6	+2.5
AAA	baze=9.2			e	SKS	11 49	

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like MNSI, SDCI, MDSI, LHSI, LWLI, GSI, KRJI, MASJ, XMAS, XMSI, SISI, PPSI, HOSB1, HOSB3, HOSB2.

NEIC 07 11:29:59.1±0.6, 28.0N, 0.1±1.139.5E, 0.3, h506km, 14km, mb4.2/10, Error ellipse: s-maj=33.1km s-min=18.3km az=107.0

IDC 07 11:30:00.1±2.1, 28.02N, 139.21E, h516km, 30km, mb3.0/4, mb1.3/1.9, mb1.2, 9.63 mbtmg4.0/9, Error ellipse: s-maj=45.4km s-min=15.1km az=79.0

ISC 07 11:29:52.0, 28.06N, 0.08, 139.49E, 0.2, h507km, n25, #0872, mb3.9/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like INU, MJAR, MAJO, MAT, MATS, MJHB, JNU, JOW, KRSR, ASAJ, USRK, USSA0, KLR, FITZ, WRAB, WRO, WB2, WRA, KURBB, AS31, ASAR, PSAC2, PSA00, PSA03, FORT, NLWA, NLWA.

NEIC 07 11:33:54.9±1.5, 14.53N, 0.07, 92.07W, 0.09, h568km, 8km, mb5.1/67, Error ellipse: s-maj=12.8km s-min=10.1km az=115.0

ISC 07 11:33:55.8±0.8, 14.57N, 0.07, 92.02W, 0.09, h67km, n78, #0957/70, mb5.1/24, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like RTAL, HUEH, HUEH, PEIF, TGUH, MATN, TEIG, ESPN, HDIC, MTDA, GTBY, JCT, TX31, TX32, TX33, Y45A, X37A, PLAL, WMOK, FCAR, SWET, CPRX, U48A, U38A, PENMO, JSC, OLIL, R49A, R50A, R55A, SFIN, KSCO, KSCO, O54A, SEUS, SDMD, JFW5, N54A, SSPA.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SSPA, ECSD, ECSD, H42A, H42A, I37A, I37A, CCUT, N59A, TMUT, RWWY, SPMN, RPSD, RPSD, PDD31, BW06, E46A, AHD, AHD, SNOW, B35A, YMP, YHB, BOZ, DGMT, LPAZ, WALA, NEW, B06A, PBO1, VA03, CORL, CORL, SYO.

JMA 07 11:43:52.6±0.2, 23.81N, 120.98E, h0km, M3.7 TAP 07 11:43:53.0, 23.81N, 120.97E, h13km, ML3.9, B ISC 07 11:43:53.7±0.8, 23.81N, 0.01, 120.98E, 0.01, h14km, 4km, n113, #0979/208, 6C-17D, Taiwan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SSSL, SSSL, SMLT, SMLT, TYC, TYC, VVDT, VVDT, WHYT, WHYT, WJS, WJS, DPDB, DPDB, OWDB, OWDB, WNT, WNT, CHGB, CHGB, ALS, ALS, CHNS, CHNS, WGK, WGK, ESL, ESL, WDLH, WDLH, WHF, WHF, EGFH, EGFH, EHY, EHY, TCU, TCU, WCHH, WCHH, WHP, WHP, TDCB, TDCB, YULB, YULB, HGSB, HGSB, CHN2, CHN2, CHN2, CHN2, TWF1, TWF1, TWF1, TWF1, TQW1, TQW1, RLNB, RLNB.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like RLNB, CHN4, CHN4, CHY, CHY, TPUB, TPUB, TPUB, HWA, HWA, HWA, ETLH, ETLH, ETLH, ELDTW, ELDTW, ELDTW, WDJ, WDJ, WDJ, WDW, WDW, WDW, TWD, TWD, TWD, NSY, NSY, NSY, WTP, WTP, WTP, FULB, FULB, FULB, NACB, NACB, NACB, STYT, STYT, STYT, PTBS, PTBS, PTBS, WMLT, WMLT, WMLT, TWK, TWK, TWK, WLBG, WLBG, WLBG, WSF, WSF, WSF, NNSB, NNSB, NNSB, NNSH, NNSH, NNSH, NNS, NNS, NNS, SNST, SNST, SNST, CHN1, CHN1, CHN1, NMLH, NMLH, NMLH, SGST, SGST, SGST, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, CHN8, CHN8, CHN8, SLGT, SLGT, SLGT, CHN3, CHN3, CHN3, NDT, NDT, NDT, ENA, ENA, ENA, YHNB, YHNB, YHNB, SCLT, SCLT, SCLT, SBCB, SBCB, SBCB, TWG, TWG, TWG, ENTT, ENTT, ENTT, TWGBT, TWGBT, TWGBT, HSN, HSN, HSN, TAI1, TAI1, TAI1, WLTB, WLTB, WLTB, NWLT, NWLT, NWLT, NWLT, SSD, SSD, SSD.

2014 JUL

Table with columns: TWM, Shoushan, Time, Res, Pn, Sn, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like TWE, TWC, SGLT, NCUH, NCU, NCU National Centr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like HOPE, VNA1, VNA3, VNA2, SNA5, SNA4, etc.

ISK 07 12:07:54.2, 37.06°N, 27.45°E, h15km, 2km, ML2.6/9
DDA 07 12:07:54.9, 37.02°N, 27.41°E, h8km, ML2.1
THE 07 12:07:55.1, 37.04°N, 27.47°E, h2km, 1km, ML2.4/1, Error ellipse: s-maj=1.2km s-min=0.3km az=183.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like TORO, ASAR, YKA, INK, RIDG, PAX, IL3, ILAR, KDAK, BPAW, COLD, SONM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like TIRR, MFTF, MFTF, TLBR, TLBR, TLBR, etc.

KRSC 07 12:23:39.8, 0.7, 53.78°N, 159.40°E, h129km, 6km, ML4.1
IDC 07 12:23:41.7, 1.1, 53.90°N, 159.95°E, h136km, 12km, mb3.4/1.1, mb1.3/6.13, mb1mx3.3/4.6, mbtmp3.9/13, Error ellipse: s-maj=19.2km s-min=16.0km az=144.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like KII, SDLR, NLC, KRER, KRER, KRER, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like BDRM, BDRM, BDRM, BODT, BODT, BODT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like THG, STG3, STG3, PCIG, PCIG, CCIG, etc.

ATH 07 12:11:45.8, 38.28°N, 20.41°E, h8km, 1km, ML1.6/2, Error ellipse: s-maj=2.1km s-min=1.0km az=233.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like KEF4, KEF4, KEF5, KEF5, KEF3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, EVGI, EVGI. Includes stations like ERM, ERM, SPJA, SPJA, YAK, YAK, KLR, etc.

IDC 07 12:03:48.1±0.8, 55.25°S, 28.14°W, h0km, mb4.4/7, mb1.4/5.8, mb1mx4.1/31, mbtmp4.3/8, ML4.5/1, Error ellipse: s-maj=33.8km s-min=18.0km az=66.0
NEIC 07 12:03:53.0±0.9, 55.35°S, 0.1±28.2°W, 0.1±134km, 5km, mb4.5/13, Error ellipse: s-maj=23.0km s-min=16.8km az=223.0
ISC 07 12:03:53.0±0.7, 55.35°S, 0.1±28.3°W, 0.1±135km, n36,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SPITS Spitsbergen Arr, MKAR Makachani Array, PDAR Pinedale Array, etc.

IDC 07 12:24:50.1z.2.1, 18:36N:73:31W, h0km, mb3.8/6, mb1.4, 2.7, mb1mx3.8/45, mbtmp3.9/7, Error ellipse: s-maj=56.3km s-min=29.2km az=23.0

OSPL 07 12:24:53.5z.1.4, 18:40N:73:11W, h0km, 10km, ML3.4, ISL 07 12:24:52.1z.0.8, 18:55N:0:08.73, 14W:0:06, h6km, n22, e1502/25, mb4.0/5, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LGNH Logne, JAKH Port-au-Prince, SMLC San Martin de, etc.

IDC 07 13:01:15.3z.12.0, 14:07N:91:50W, h0km, mb3.7/2, mb1.4, 0.3, mb1mx3.6/22, mbtmp3.5/5, Error ellipse: s-maj=257.7km s-min=110.5km az=0

MEX 07 13:01:30.9z.0.6, 14:62N:92:54W, h85km, 7km, MD4.1, NEIC 07 13:01:30.8z.1.9, 14:5N:0:1.92, 68W:0:05, h61km, 7km, Error ellipse: s-maj=16.9km s-min=7.0km az=189.0

GCG 07 13:01:33.9z.0.7, 14:61N:92:39W, h82km, 6.4km, MD4.2, UCR 07 13:01:34.2z.2.3, 14:12N:91:64W, h256km, 33km, ML3.8, mb3.7(NEIC)

SNET 07 13:01:34.2z.2.2, 14:14N:91:64W, h254km, 31km, ML4.1, ISL 07 13:01:31.4z.1.0, 14:63N:0:06, 92:63W:0:05, h66km, 9km, n41, e1949/59, mb3.8/3, Near coast of Chiapas

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

comp=Z, 682nm, 0.3s, CEVE Cerro Verde, 3.02 105 eP Pn 13 02 14.0 -3.1

comp=Z, 682nm, 0.3s, SNJE San Jose, 3.02 104 eS Pn 13 02 19.2 +2.1

comp=Z, 474nm, 0.3s, JAYA Jayaque - finc, 3.23 107 eS Pn 13 02 55.4 -1.9

comp=Z, 474nm, 0.3s, JAYA Jayaque - finc, 3.23 107 eS Pn 13 02 20.8 +0.9

comp=Z, 474nm, 0.3s, TACO Tacachico, 3.24 101 eP Pn 13 02 19.4 -0.6

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

comp=Z, 474nm, 0.3s, CMIG Matias Romero, 3.27 319 eP Pn 13 02 20.8 +0.5

MEX 07 13:14:29.8z.0.4, 14:64N:92:53W, h74km, 5km, MD3.4, IDC 07 13:14:30.3z.2.7, 14:64N:92:42W, h75km, 19km, mb3.4/4, mb1.3, 7.7, mb1mx3.4/40, mbtmp3.7/7, Error ellipse: s-maj=28.2km s-min=15.0km az=13.0

GCG 07 13:14:33.2z.0.5, 14:34N:92:37W, h50km, MD4.3, ISL 07 13:14:29.5z.1.0, 14:74N:0:07, 92:52W:0:05, h70km, 8km, n19, e1507/29, mb3.8/4, 1D, Near coast of Chiapas

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

IDC 07 13:23:31.0z.0.7, 11:40S:161:51E, h0km, mb4.4/18, mb1.4, 4.2/1, mb1mx4.3/43, mbtmp4.3/21, ML4.0/3, Error ellipse: s-maj=20.7km s-min=15.1km az=114.0

NEIC 07 13:23:37.2z.1.6, 11:34S:0:07, 161:34E:0:09, h38km, 5km, mb4.7/42, Error ellipse: s-maj=14.3km s-min=8.1km az=52.0

BUI 07 13:23:39.4z.0.0, 10:60S:161:29E, h40km, mb5.3/7, mb1.4, 7.32, M5.5, 2/1, M5.5, 2/1

ISL 07 13:23:39.0z.0.4, 11:27S:0:06, 161:36E:0:08, h35km, n78, e089/79, mb4.7/46, 1C, Bougainville-Solomon Islands region

IDC 07 13:27:18.8z.2.1, 16:43S:173:60W, h0km, mb3.9/5, mb1.4, 3.5, mb1mx3.9/38, mbtmp3.9/5, Error ellipse: s-maj=168.3km s-min=23.9km az=149.0

NEIC 07 13:27:25.2z.1.1, 16:34S:0:09, 173:7W:0:1, h42km, 7km, mb5.0/12, Error ellipse: s-maj=15.8km s-min=13.7km az=84.0

ISL 07 13:27:33.2z.0.9, 16:33S:0:2, 173:8W:0.2, h11km, n64, e154/61, Tonga Islands region

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

comp=Z, 16nm, 0.5s, USAB USSayak Arr, 61.41 336 P P 13 33 49.9 +0.4

comp=Z, 16nm, 0.5s, USRK USSuriyarr, 61.41 336 P P 13 33 49.9 +0.4

comp=Z, 16nm, 0.5s, PETK Petropavlovsk, 64.30 358 P P 13 34 07.8 -0.8

comp=Z, 16nm, 0.5s, SRIT Nakhchivan, 64.55 285 P P 13 34 10.4 -0.7

comp=Z, 16nm, 0.5s, SBJ Shemya, 64.77 9 P P 13 34 12.2 +0.6

comp=Z, 16nm, 0.5s, BJI Beijing, 66.10 323 P P 13 34 20.7 +0.1

comp=Z, 16nm, 0.5s, VJL Vanda, 66.14 180 P P 13 34 20.2 -0.1

comp=Z, 16nm, 0.5s, XAN Xi'an, 67.22 314 P P 13 34 28.0 +0.1

comp=Z, 16nm, 0.5s, KMI Kunming, 67.66 303 P P 13 34 33.1 +2.0

comp=Z, 16nm, 0.5s, CMAR Chiang Mai Arr, 68.33 295 P P 13 34 36.8 +1.6

comp=Z, 16nm, 0.5s, HHC Hu-ho-hao, 69.36 322 eP Pmax 13 34 40.5 -0.7

comp=Z, 16nm, 0.5s, CDZ Chengdu, 69.42 309 eP P 13 34 42.7 +0.9

comp=Z, 16nm, 0.5s, LZH Lanzhou, 71.84 314 eP P 13 35 13.8 -1.5

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRH Wood River Hill, CCB Clear Creek Bay, etc.

comp=Z, 5.1nm, 0.9s, BARN Barnard Glacie, 84.91 24 P P 13 36 07.8 -0.4

comp=Z, 5.1nm, 0.9s, HDA Harding Lake, 84.97 20 P P 13 36 07.6 -0.6

comp=Z, 5.1nm, 0.9s, IL31 Wood River Hill, 84.64 20 P P 13 36 07.8 -1.6

comp=Z, 5.1nm, 0.9s, IL31 Wood River Hill, 84.64 20 P P 13 36 10.4

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 08.4 -1.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 10.9 0.0

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 12.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 15.9 +0.5

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 19.5 +0.4

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.1 +0.7

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 22.2

comp=Z, 5.1nm, 0.9s, ILAR Eielson Array, 85.23 20 P P 13 36 21.2 +0.1

UCR 07 13:48:03.9.2.0, 81°10N, 84°47W, h0km, 10km, MD3.6
UPA 07 13:48:05.3.2.2, 7.90N, 84°55W, h48km, 467km, MW4.0
ISC 07 13:48:02.7.3.8, 7.9N, 0.1, 84.50W, 0.08, h12km, 26km, n18,
r19130, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Durika, Paso Ancho, David, Palmira, Heredia, etc.

NEIC 07 14:03:49.6.0.3, 15.6S, 0.1, 172.6W, 0.2, h44km, 12km,
mb4.8/5, Error ellipse: s-maj=25.1km s-min=18.8km
az=127.0

ICC 07 14:03:52.3.8.2, 15.82S, 173.77W, h0km, mb3.7/2,
mb1.3/9.2, mb1mx3.5/22, mbtm3.7/2, Error ellipse:
s-maj=359.9km s-min=67.1km az=140.0

ISC 07 14:03:49.2.1.3, 15.8S, 0.1, 172.6W, 0.2, h35km, n18,
r192911, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Afiamalu, Niue, Funafuti, etc.

MEX 07 14:03:52.4.0.3, 14°56'N, 92°56'W, h81km, 5km, MD3.7
GCG 07 14:03:53.7.0.4, 15°07'N, 92°56'W, h74km, 51km, MD3.8
ISC 07 14:03:50.1.1.7, 14.82N, 0.1, 92.66W, 0.08, h52km, 15km,
n8, r19116, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like THIG, PCIG, FUEGO 3, etc.

NEIC 07 14:10:08.2.2.8, 14°5N, 0.1, 92°60W, 0.06, h79km, 7km,
Error ellipse: s-maj=17.4km s-min=19.4

MEX 07 14:10:09.9.0.7, 14°73'N, 92°39'W, h93km, 8km, MD3.8
GCG 07 14:10:12.7.0.6, 14°36'N, 92°39'W, h12km, 9km, MD4.0
ISC 07 14:10:09.1.1.4, 14.83N, 0.1, 92.61W, 0.07, h76km, 9km,
n19, r19128, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like THIG, PCIG, FUEGO 3, etc.

MEX 07 14:28:03.5.0.5, 14°73'N, 92°36'W, h84km, 5km, MD3.5
GCG 07 14:28:05.1.0.4, 14°78'N, 92°42'W, h29km, MD3.8
ISC 07 14:28:06.5.1.6, 14.93N, 0.1, 92.40W, 0.07, h57km, 11km,
n7, r19123, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like THIG, PCIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCIG, CCIG, CCIG, FUG, etc.

ICC 07 14:28:57.9.2.8, 34°17'N, 137°42'E, h303km, 80km, mb2.6/3,
mb1.8/4, mb1mx2.6/28, mbtm3.2/4, Error ellipse:
s-maj=182.4km s-min=27.4km az=60.0

JMA 07 14:28:58.0.4.3, 32°N, 137°64'E, h12km, 4km, M2.8
ISC 07 14:28:58.2.1.1, 34.41N, 0.1, 137.7E, 0.1, h319km, 11km,
n12, r19084/18, mb2.8/3, Near south coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HMMJ, JAO, JHU, etc.

MEX 07 14:29:27.3.0.3, 14°69'N, 92°56'W, h82km, 7km, MD3.6
GCG 07 14:29:30.8.1.2, 14°47'N, 92°48'W, h34km, 999km, MD3.7
ISC 07 14:29:28.2.0.1, 14.8N, 0.1, 92.6W, 0.1, h61km, 13km, n10,
r08620, Near coast of Chiapas

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

TUL 07 14:38:21.5.1.2, 34°07'N, 0.0, 97°47'W, 0.06, h8km, 7km,
ML3.2, Error ellipse: s-maj=6.6km s-min=4.7km az=85.0

ANF 07 14:38:21.0.9.3, 34°12'N, 97°53'W, h8km, 7km, ML3.7/8,
Error ellipse: s-maj=3.6km s-min=2.0km az=136.0

ISC 07 14:38:20.9.0.8, 34°09'N, 0.0, 97°51'W, 0.04, h4km, n56,
r0686/60, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like X34A, Z35A, FNO, etc.

ICC 07 14:48:45.8.2.1, 67°32'N, 142°97'E, h0km, mb3.5/4,
mb1.3/5, mb1mx3.4/38, mbtm3.5/5, ML5.6/1, Error
ellipse: s-maj=70.7km s-min=24.6km az=170.0

YARS 07 14:48:46.5.0.0, 67°61'N, 142°68'E, h10km, ML1.7/5

NEIC 07 14:48:49.1.2.6, 67°64'N, 0°09, 142°9E, 0.3, h14km, 3km,
mb4.4/9, Error ellipse: s-maj=16.2km s-min=12.2km
az=119.0

ISC 07 14:48:47.9.0.7, 67°61'N, 0°05, 142°72'E, 0.05, h10km, n23,
r1959/30, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MOMR, YBGR, DEPR, etc.

COLD comp=Z, 2.9nm, 1.5s 24.64 59 P P 14 54 09.2 +1.1
BPAW Bear Paw Mtn. 26.17 66 P P 14 54 19.8 -2.1
BPAW comp=Z, 3.5nm, 2.0s 27.17 62 P P 14 54 30.9 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ILAR, PRP, SML, etc.

ISC 07 15:08:58.2.19.0, 12°32'S, 167°24'E, h215km, 182km,
mb3.1/4, mb1.3/4, mb1mx3.0/30, mbtm3.6/4, Error
ellipse: s-maj=147.7km s-min=57.5km az=140.0, Santa
Cruz Islands

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

NEIC 07 15:09:25.7.1.0, 24°09'S, 0°08, 67°5W, 0.2, h228km, 9km,
mb4.3/2, Error ellipse: s-maj=25.0km s-min=11.0km
az=98.0

GUC 07 15:09:27.3.0.6, 24°06'S, 67°38'W, h192km, 10km, ML4.1
ISC 07 15:09:25.5.1.1, 24°05'S, 0°05, 67°4W, 0.1, h213km, 16km,
n42, r0994/53, 7C-1D, Chile-Argentina border region

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like JAB Ashibetsu, ERM Ermo, JRB Rebuntou, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like KBS Kingsbay, AAK Ala-Archa, JIRN Jiri, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like VTS Vitosh, WTTA Wattenberg, RETA Reutte, etc.

ATH 07:16:28:50.7,3786N-22.86E, h19km,4ML1,2/4, Error ellipse: s-maj=5.4km s-min=1.1km az=33.0,Southern Greece

IDC 07:16:37:10.6:0.8,29.44N:81.24E, h0km, mb3.7/12, mb1.3/9.14, mb1mx3.7/45, mbtmp3.7/14, ML3.9/2, MS3.6/1, Ms1.3/6.1, ms1mx2.8/33, Error ellipse: s-maj=25.8km s-min=14.5km az=61.0

NEIC 07:16:37:12.9:1.8,29.44N:0.1:81.10E:0.08, h16km,5km, mb4.4/14, Error ellipse: s-maj=15.1km s-min=9.2km az=199.0

NDI 07:16:37:14.2:2.8,29.44N:81.18E, h10km, ML3.7, mb4.4(NEIC)

ISC 07:16:37:12.6:0.5,29.32N:0.05:81.05E:0.04, h17km, n59, alpha153/70, mb3.9/16, Nepal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like PTH Pithoragarh, DDI Dehra Dun, NDI New Delhi, etc.

Table with columns: Jd, Churui, Time, Res, Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCH, JFR, ERM, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKEN Nango, MIYJ Miyakonagasawa, JNKH Urukawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLCH Cerro Calan, ROCA El Roble, PEL Peldehue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, MRL Marmol, SBLAS San Blas, etc.

ASRS 07:19:20.00.4.0.2, 52 N 2.95 E, h5km, MLH3.2/10, smi:org.gfz-potsdam.de/geofon/LOCSAT EarthModelID

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TDJR Todzha, TDJR Kyzyl, KZLR Kuzhatov Arra, etc.

MEX 07:19:53.31.8.0.7, 14:16'N, 92:54'W, h74km, 12km, MD3.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG Tingo, PCIG PCIG, ERG Entre ros, C, etc.

BUI 07:20:48.45.0.0.54, 00N:160:90W, h5km, mB5.2/32, mb4.8/53, Ms5.1/7, Ms7.4/8.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDPT Sand Point, FALS False Pass, AKUT Akutan, etc.

JMA 07:19:33:47.8.0.2, 37:16N:144:33E, h57km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubu, JIO Ouri, JFO Kawauchi, etc.

MEX 07:20:22:55.0.0.4, 14:16'N, 92:54'W, h93km, 5km, MD3.6

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

MEX 07:20:31:34.9.0.6, 14:16'N, 92:52'W, h84km, 7km, MD3.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG Tingo, ERG Entre ros, C, PCIG Comitan, etc.

NEIC 07:19:39:09.2.1.8, 34:77S:0:04:72:45W, h16km, 4km, M3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO05 Huala, GO05 Huala, GO05 Huala, etc.

MEX 07:20:31:38.2.0.1, 14:14'N, 92:38'W, h105km, 4km, ML3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG Tingo, ERG Entre ros, C, STG3 Santiago 3, etc.

ISL 07:20:31:38.2.0.1, 14:14'N, 92:38'W, h105km, 4km, ML3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG Tingo, ERG Entre ros, C, STG3 Santiago 3, etc.

7d 23h

2014 JUL

Table with columns for station code, name, frequency, polarization, and various signal quality metrics (e.g., SNR, SNR=13, SNR=16, SNR=17, SNR=18, SNR=19, SNR=20, SNR=21, SNR=22, SNR=23, SNR=24, SNR=25, SNR=26, SNR=27, SNR=28, SNR=29, SNR=30, SNR=31, SNR=32, SNR=33, SNR=34, SNR=35, SNR=36, SNR=37, SNR=38, SNR=39, SNR=40, SNR=41, SNR=42, SNR=43, SNR=44, SNR=45, SNR=46, SNR=47, SNR=48, SNR=49, SNR=50, SNR=51, SNR=52, SNR=53, SNR=54, SNR=55, SNR=56, SNR=57, SNR=58, SNR=59, SNR=60, SNR=61, SNR=62, SNR=63, SNR=64, SNR=65, SNR=66, SNR=67, SNR=68, SNR=69, SNR=70, SNR=71, SNR=72, SNR=73, SNR=74, SNR=75, SNR=76, SNR=77, SNR=78, SNR=79, SNR=80, SNR=81, SNR=82, SNR=83, SNR=84, SNR=85, SNR=86, SNR=87, SNR=88, SNR=89, SNR=90, SNR=91, SNR=92, SNR=93, SNR=94, SNR=95, SNR=96, SNR=97, SNR=98, SNR=99, SNR=100). Rows include stations like CHY, NWF, WFSB, NSTT, LIQB, TATO, TATO, TATO, WLTB, WCHH, WCHH, SGLT, NSY, NSY, JIJ, SPST, TWMT, CHN3, CHN3, SCZT, SCZT, TAP, NMLH, WDJ, WDJ, PTSB, PTSB, WLBG, WLBG, SBCB, SBCB, RLNB, YM01, YM01, HSN, TSEB, YM10, YM10, NCU, NCU, NCUH, YM11, TWS1, YM05, SNJT, YM04, YM08, TWKB, TWKB, TWK1, TWK1, YM03, HEN, HEN, CHN8, CHN8, WTCT, NTST, SCLT, KAU, WYU, WLCH, TWP, JISG, JISG, JTJ, WDTG, WDTG, PHUB, PHUB, PNG, PNG, VCHM, VCHM, JMJ, JMJ, JMJ, VVUC, VVUC, PTTC, PTTC, PTM2, PTM2.

8d 1h

2014 JUL

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

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

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

Table with columns: Yerr, 8d 1h, Yerington, 62.46 61 Iamb Iamb, 01 21 22.2, etc. Lists various radio stations and their frequencies.

Table with columns: PLOR, 76.86 324 P P, 01 22 47.9 +0.8, etc. Lists various radio stations and their frequencies.

Table with columns: KBA, comp=2.14nm,1.0s, pmax pmax, etc. Lists various radio stations and their frequencies.

BJI 08 01:23:18.8:0.0, 7.44S: 130°32'E, h140km, mB5.2/35, mB5.1/26
NEIC 08 01:23:23.7:1.7, 7.03S:0.03:129.93E:0.07, h136km, 4km, mB4.9/71, Error ellipse: s-maj=9.9km s-min=4.2km az=97.0
IDC 08 01:23:24.1:1.7, 6.97S: 129°93'E, h129km, 15km, mB4.4/25, mB1.4/5.29, mB1mx4.4/3, mBtmp4.8/29, MS3.77, Ms1 3.77, ms1mx3.2/34, Error ellipse: s-maj=12.1km s-min=8.8km az=73.0
DJA 08 01:23:24.0:2.7, 7.52S: 133°06'E, h123km, 2km, M5.3/49, mB5.1/49, mB5.9/18, MLV5.5/13, Mw(mB)5.3/18, MwP6.2/2
KLM 08 01:23:29.0, 7.17S: 129.94E, h182km, PK16
ISC 08 01:23:22.3:0.7, 7.04S:0.04:129.96E:0.04, h120km, 6km, n268, r154/266, mB4.9/0, 13C-3D, Banda Sea

M=0.42t; 0.4; M=0.82t; 0.1; M=0.03t; 0.4: Best double couple: M1.11800; 2.1077; NP1.346.00000; 7.0.00000; 1.7.00000. NP2.253.00000; 8.64.00000; 1.60.00000. Principal axes: T. 1.1570, Plg19.00000; Azm208.00000; N -0.0770, Plg69.00000; Azm57.00000; P. -1.0790. Plg10.00000; Azm301.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 08 02:13:07.5-0.4, 59.275-0.07x149.33E+0.09, h10km, n91, e1944/68, mb4.7/14, MS4.5/21, 1C, West of Macquarie Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
MCQ	Macquarie Isla	7.12	52°	P	ISC	02 14 52.0	+0.5		
TAU	Tasmania Unive	16.44	355	P	Pn	02 16 58.7	+0.9		
WHZ	Wherry Hill Ro	17.44	48	I	Amb	02 17 11.6	-0.3		
DCZ	Deep Cove	17.51	46	P	P	02 17 13.2	+0.6		
MLZ	Malvara Lakes	17.95	47	P	I	02 17 18.2	+0.7		
MLZ	Malvara Lakes	17.95	47	P	I	02 17 22.5			
CASY	Casey	18.80	232	P	P	02 17 23.8	-2.8		
VNDA	Vanda	18.82	172	P	P	02 17 26.4	-0.4		
VNDA	Vanda	18.82	172	P	P	02 24 04.8			
VNDA	Vanda	18.82	172	P	P	02 17 26.6	-0.2		
RPZ	Rata Peaks	20.48	50	LR	LR	02 24 17.5			
LTZ	Lake Tumar	21.74	51	P	P	02 18 09.0	+2.1		
TOO	Toooling	21.85	352	P	P	02 17 58.2	-1.8		
THZ	Tophouse	22.85	50	P	P	02 18 11.3	+0.6		
CAN	Canberra	23.96	359	P	I	02 18 20.6	-1.1		
STKA	Stephens Creek	27.88	346	LR	LR	02 27 48.3			
QSPA	South Pole Qui	30.83	180	P	P	02 19 24.0	+0.7		
QSPA	South Pole Qui	30.83	180	P	P	02 19 31.0			
QSPA	South Pole Qui	30.83	180	P	P	02 19 23.1	-0.2		
FOR	Forrest	31.92	324	P	P	02 19 30.7	-2.2		
H01W1	Cape Leeuwin H	33.52	301	T	T	02 55 07.8			
H01W2	Cape Leeuwin H	33.52	301	T	T	02 55 13.0			
H01W3	Cape Leeuwin H	33.53	301	T	T	02 55 10.4			
EIDS	Eidsvold	33.90	3	P	P	02 19 50.5	+0.2		
MAW	Mawson	36.42	220	P	P	02 20 10.1	-1.5		
MAW	Mawson	36.42	220	P	P	02 35 14.5			
MAW	Mawson	36.42	220	P	P	02 20 09.5	-2.1		
ASAR	Alice Springs	37.21	336	P	P	02 20 17.8	-1.0		
ASAR	Alice Springs	37.21	336	P	P	02 22 37.9	-0.6		
ASAR	Alice Springs	37.21	336	P	P	02 33 18.4			
AS31	Alice Springs	37.21	336	P	P	02 20 18.1	-0.7		
RAO	Raoul Island	37.38	51	LR	LR	02 34 01.5			
DZM	Mont Dumez	38.12	26	eLR	LR	02 31 06.2			
CTAO	Charters Tower	39.20	355	P	P	02 20 36.2	+0.7		
WR0	Warramunga Arr	40.69	338	P	I	02 20 46.6	-1.3		
WB2	Warramunga Arr	40.74	338	P	I	02 20 47.6	-0.8		
WRA	Warramunga Arr	40.74	338	P	P	02 20 47.6	-0.8		
WRA	Warramunga Arr	40.74	338	P	P	02 35 31.0			
WRAB	Tennant Creek	40.75	338	P	P	02 20 47.2	-1.2		
WB0	Warramunga Arr	40.90	338	P	P	02 20 48.5	-1.2		
WB0	Warramunga Arr	40.90	338	P	P	02 20 53.4			
SYO	Syowate Base	42.45	210	eP	P	02 21 01.4	-0.4		
BELA	Belgrano 2	43.09	179	P	P	02 21 07.4	+0.5		
KNRA	Kunurruna	46.08	332	P	P	02 21 29.9	-1.6		
KNRA	Kunurruna	46.08	332	P	P	02 21 33.2			
SNA4	Snares	47.91	191	P	P	02 21 46.0	+0.8		
SNA4	Snares	47.91	191	P	P	02 21 43.8	-1.5		
SNA4	Snares	47.91	191	P	P	02 21 47.7			
MTN	Manton Dam	48.29	336	P	P	02 21 47.1	-1.5		
VNA3	Neumayer-Olymp	49.06	190	P	P	02 21 53.5	+0.3		
VNA2	Neumayer-Watz	49.06	190	P	P	02 21 54.1	+0.1		
VNA1	Neumayer-Stat	49.40	190	P	P	02 21 58.0	+1.4		
PMG	Port Moresby	49.78	357	LR	LR	02 39 37.4			
HNR	Honiara	50.38	14	LR	LR	02 38 52.8			
TBI	Tubuai	55.57	78	eLR	LR	02 38 37.8			
PPT2	Papeete2	60.37	74	eS	S	02 31 28.3	-3.0		
PPT2	Papeete2	60.37	74	eS	S	02 40 49.9			
PPT2	Papeete2	60.37	74	eS	S	02 42 45.1			
RKT	Rikitea	63.14	90	eS	S	02 32 02.9	-3.3		
RKT	Rikitea	63.14	90	eS	S	02 39 34.4			
RKT	Rikitea	63.14	90	eS	S	02 42 14.5			
TAOE	Nuku Hiva Isla	72.52	78	eLR	LR	02 46 36.2			
PLCA	Paso Flores	75.03	150	LR	LR	02 50 57.4			
H08S2	Diego Garcia H	76.74	277	T	T	03 49 28.5			
H08S1	Diego Garcia H	76.75	277	T	T	03 49 29.6			
H08S3	Diego Garcia H	76.76	277	T	T	03 49 28.3			
H03S2	Juan Fernandez	78.99	141	T	T	03 52 51.7			
H03S1	Juan Fernandez	78.99	141	T	T	03 52 53.1			
H03S3	Juan Fernandez	79.01	141	T	T	03 52 52.5			
CMAR	Chiang Mai Arr	87.66	313	P	P	02 25 56.3	+0.5		
CPUP	Villa Florida	91.91	156	LR	LR	03 04 50.6			
NJ2	Nanjing	94.43	334	eP	P	02 26 29.0	+2.0		
MJAR	Matsuyoshi Arr	95.90	351	LR	LR	02 07 15.6			
KSRS	Korea Array	97.99	343	LR	LR	03 10 13.7			
LPZA	La Paz	98.76	144	LR	LR	03 01 58.4			
H06S1	SOCORRO T	110.86	88	T	T	03 04 51.1			
WMQ	Ururugi	114.54	316	ePKP	PKP	02 31 48.3	+1.5		
KSH	Kashi	115.47	305	PKP	PKP	02 31 52.7	+3.9		
IKSH	Kashi	115.47	305	PKP	PKP	02 31 56.2	+0.8		
MKAR	Makanchi Array	119.06	314	PKP	PKP	02 31 55.1	-0.3		
PV17	East Wray Mesa	127.69	77	PKP	PKP	02 32 05.1			
TORD	Torodi Arr	128.06	221	PKP	PKP	02 32 13.7	-0.4		
MLR	Muntele Rosa	143.96	273	PKP	PKP	02 32 41.3	-0.9		

KEST	Kesra	144.97	246	PKPbc	PKPdf	02 32 43.9	-0.3
AKASA	Main Array Bm	145.69	283	PKPbc	PKPdf	02 32 44.0	-0.8
AKAB	Main Array S1	145.69	283	PKPbc	PKPbc	02 32 45.4	-0.1
VYHS	Yyhne	149.60	271	ePKP	PKIPK	02 32 57.9	+0.9
VYHS	Yyhne	149.60	271	ePKP	PKIPK	02 33 04.9	
OJC	Ojcow	150.18	275	PKPbc	PKPdf	02 32 51.3	-1.0
SOKA	Soboth	150.49	265	PKPbc	PKPbc	02 32 59.6	+0.8
ARSA	Arzberg	150.49	267	ePKPbc	PKPbc	02 33 01.3	+3.1
CONA	Conrad Observa	150.76	268	ePKIPK	PKIPK	02 33 01.3	+1.7
MYKA	Terra Myka	151.04	264	ePKPbc	PKPdf	02 32 54.9	+1.1
MORC	Moravsky Berou	151.06	272	ePKP	PKIPK	02 33 01.3	+1.2
MORC	Moravsky	151.21	270	ePKP	PKIPK	02 33 01.6	+1.3
VRAC	Vranov	151.26	271	ePKP	PKIPK	02 33 01.8	+1.4
ABTAS	Abtattersbach	151.70	263	ePKIPK	PKIPK	02 33 01.9	+0.3
GERES	GERESS Array B	152.46	268	PKPbc	PKPbc	02 33 01.9	-0.9
WATA	Walderalm	152.57	293	ePKIPK	PKIPK	02 33 04.0	+0.6
FINES	FINESS Array B	152.60	299	PKPbc	PKPbc	02 33 02.4	-0.2
SQTA	Sankt Quirin	152.68	263	ePKPbc	PKPdf	02 32 58.5	+2.2
FETA	Feichten	152.79	262	ePKPbc	PKPdf	02 32 58.6	+2.1
DAVA	Damuels	153.40	261	ePKIPK	PKIPK	02 33 05.9	+0.7
EDC	Edessa Array	154.12	233	PKPbc	PKIPK	02 33 06.8	+0.1
CLL	Colim	154.30	271	ePKPbc	PKPbc	02 33 23.0	+2.2
ARCES	ARCESS Array B	154.66	317	PKPbc	PKPbc	02 33 19.9	-2.0

JMA 08 02:14:34.5-0.1, 31.54N, 131.50E, h37km±1km, M0.6, Kyushu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
JNKG	Nichinankitago	0.16	319	P	P	02 14 41.0	-4.1
JNKG	Nichinankitago	0.16	319	S	S	02 14 45.5	-1.0
JNAR	Kushima-Naru	0.20	266	P	P	02 14 41.1	-2.9
JNAR	Kushima-Naru	0.20	266	S	S	02 14 46.1	-7.1
JTZ	Takazaki	0.50	316	P	P	02 14 45.0	-0.2

JMA 08 02:14:51.5-0.1, 30.39N, 131.12E, h31km±1km, M3.4, JMA Felli J1

NEIC 08 02:14:54.3±1.5, 30.50N, 131.08E, 1.0E, 1.1, h61km, 7km, mb4.0/8, Error ellipse: s-maj=16.5km s-min=8.2km az=59.0

IDC 08 02:14:55.2±2.8, 30.51N, 130.91E, h72km±26km, mb3.7/11, mb1.3/7.14, mb1mx3.6/42, mbtmp3.9/14, MS3.1/1, Ms1.3/1.1, ms1mx2.6/40, Error ellipse: s-maj=48.7km s-min=17.6km az=75.0

ISC 08 02:14:51.4-1.0, 30.342N, 131.07E, 0.07, h33km±3km, n93, e1917/45, mb3.8/15, Kyushu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
JMTN	Minamitane	0.15	263	Op	ISC	02 14 57.6	+0.1
JMTN	Minamitane	0.15	263	P	P	02 15 02.3	+0.6
JTN	Tanegashima 3	0.25	342	P	P	02 14 58.6	+0.1
JTN	Tanegashima 3	0.25	342	S	S	02 15 03.9	+0.4
JYAK	Yakushimahirau	0.52	250	P	P	02 15 02.2	0.0
JYAK	Yakushimahirau	0.52	250	eS	S	02 15 02.2	+0.2
JKC	Kuchinoerabu	0.76	274	P	P	02 15 06.2	0.0
JKS	Kuchinoerabu	0.76	274	S	S	02 15 07.4	+1.2
JTSR	Tashiro 2	0.76	350	P	P	02 15 06.2	+0.4
JTSR	Tashiro 2	0.76	350	S	S	02 15 09.6	+0.6
JNAR	Kushima-Naru	1.12	9	P	P	02 15 12.5	+0.2
JNAR	Kushima-Naru	1.12	9	eS	S	02 15 27.2	+0.6
JNN	Nakanoshima	1.18	241	P	P	02 15 13.1	-0.2
JNN	Nakanoshima	1.18	241	S	S	02 15 28.2	-0.1
JNSU	Suzuyama	1.21	334	P	P	02 15 13.0	+1.0
JNKG	Nichinankitago	1.27	12	P	P	02 15 14.5	-0.3
JTZ	Takazaki	1.48	1	P	P	02 15 17.2	+1.5
JNAR	Kushima-Naru	1.48	1	eS	S	02 15 36.4	-0.4
JNU	Nakatsue	2.70	357	P	P	02 15 34.5	+2.0
JNU	Nakatsue	2.70	357	S	S	02 16 07.6	+3.4
JNU	Nakatsue	2.70	357	S	S	02 15 34.3	+1.8
JNU	Nakatsue	2.70</					

ARCES ARCESS Array B 10.92 13 Pn Pn 02 19 23.3 -2.4

IDC 08 02:17:34.4±3.5, 28°64'N: 139°78'E, h447km, 40km, mb3.2/17, mb1 3.3/19, mb1mx3.2/45, mbtmp0.0/19, Error ellipse: s-maj=19.6km s-min=13.8km az=73.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDC 08 02:20:51.0±2.0, 47°17'N: 27°55'W, h0km, mb3.6/2, mb1 3.6/3, mb1mx3.2/45, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=19.5km s-min=30.8km az=41.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDC 08 02:23:53.1±3.0, 24°65'N: 141°74'E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.5/46, mbtmp4.0/5, ML4.1/1, Error ellipse: s-maj=156.4km s-min=25.0km az=82.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDC 08 02:23:58.9±1.1, 24°05'N: 101°41'E, h2km, n18, n15, n9, mb4.2/9, Volcano Islands region

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

MEX 08 02:27:08.1±0.5, 14°75'N: 92°55'W, h92km±6km, MD3.8 GCG 08 02:27:11.4±0.5, 15°03'N: 92°48'W, h26km±596km, MD3.8

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDC 08 02:56:03.1±1.4, 29°16'N: 130°52'E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/35, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=50.2km s-min=24.8km az=88.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

JTJ Takarajima 1.19 270 P Pg 02 56 28.7 +0.3

IDC 08 02:58:42.9±1.9, 67°25'N: 129°81'E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.5/29, mbtmp3.5/4, ML3.6/2, Error ellipse: s-maj=79.2km s-min=29.3km az=81.0, Banda Sea

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

ISK 08 02:59:37.4, 36°42'N: 27°07'E, h8km, ML2.7/7 THE 08 02:59:37.7, 36°44'N: 27°09'E, h1km±1km, ML2.5/2, Error ellipse: s-maj=1.7km s-min=0.5km az=211.0

IDC 08 02:59:37.7±1.1, 36°43'N: 03°27'10E, h0km, gkm, n24, n18/33, Dodecanese Islands

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

TAP 08 03:29:53.6±2.1, 11°N: 122°25'E, h19km, ML3.8 D JMA 08 03:29:54.2±0.5, 24°05'N: 122°26'E, h32km±3km, M3.7

IDC 08 03:29:53.8±1.1, 24°08'N: 02°12'22E, h23km±13km, n15, n9/58/145, 2C, Taiwan region

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDC 08 03:29:53.8±1.1, 24°08'N: 02°12'22E, h23km±13km, n15, n9/58/145, 2C, Taiwan region

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

TWB1 Santiao Chiao 0.96 345 P Pn 03 30 11.5 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWM1 Shoushan, EAST Anshuo, LAY Lan-yu, SCZT Fangliu, etc.

IDC 08 03:32:33.3z-2.2, 11.685x161.23E, h0km, mb4.0/8, mb1 4.1/9, mb1mx3.9/38, mbtmp4.0/9, ML4.3/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/29, Error ellipse: s-maj=56.9km, s-min=29.1km az=121.0

ISC 08 03:32:39.9z-1.4, 11.550x116.10E, 0.2, h35km, n10, r1500/10, mb4.0/8, Bougainville-Solomon Islands region

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

ECX 08 03:33:10.9z-0.6, 31.48N x 115.47W, h14km, 99km, MD2.5, ML2.6

MEX 08 03:33:12.0z-0.4, 31.44N x 115.38W, h16km, 39km, MD3.7

ISC 08 03:33:08.9z-1.1, 31.46N x 107.15W, 155W/0.06, h32km, 14km, n11, r0635/20, 2C-1D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECBX El Chirero, SPIG San Pedro Mart, etc.

ISC 08 03:47:35.0z-1.7, 16.97S x 177.79E, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/28, mbtmp4.1/3, Error ellipse: s-maj=431.4km, s-min=43.4km az=33.0, Fiji Islands

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

IDC 08 04:01:05.2z-0.7, 27.67N x 142.79E, h0km, mb3.9/13, mb1 4.1/16, mb1mx4.0/35, mbtmp3.9/16, ML3.2/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/37, Error ellipse: s-maj=25.7km, s-min=17.2km az=75.0

JMA 08 04:01:07.4z-0.2, 27.78N x 142.82E, h93km, M3.3, NEIC 08 04:01:11.2z-0.9, 27.67N x 142.7E, 0.1, h42km, 8km, mb4.4/9, Error ellipse: s-maj=16.9km, s-min=9.4km az=116.0

ISC 08 04:01:08.9z-0.7, 27.79N x 142.82E, 0.1, h22km, n37, r124/37, mb4.0/17, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ1 Chichi jima, JJJ1 Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

JMA 08 04:21:10.4z-0.3, 26.98N x 126.63E, h19km, 4km, M3.7, IDC 08 04:21:36.5z-1.1, 20.27N x 126.53E, h26km, 180km, mb3.2/4, mb1 3.2/6, mb1mx3.2/6, mbtmp3.3/5, Error ellipse: s-maj=175.1km, s-min=23.8km az=61.0

ISC 08 04:21:13.1z-1.0, 26.83N x 108.126E, 0.07, h35km, n10, r139/13, mb3.8/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKE Kume jima 2, JAGN Aguni-jima, etc.

IDC 08 04:24:58.2z-1.6, 60.02N x 18.03E, h0km, mb1 2.8/3, mb1mx2.7/41, mbtmp2.6/3, ML1.8/3, Error ellipse: s-maj=35.7km, s-min=9.1km az=174.0

HEL 08 04:24:58.2z-1.6, 60.02N x 18.03E, h0km, ML2.0, ML1.8 (UPP), Explosive

ISC 08 04:24:58.1z-0.8, 60.23N x 17.92E, 0.03, h0km, n13, r1527/24, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FLYU Flymyra, FROU Forsmark, GRAU Graesoe, etc.

AEIC 08 04:27:11.8z-2.0, 51.6N x 176.84E, 0.03, h11km, 5km, Error ellipse: s-maj=15.4km, s-min=2.1km az=188.0

NEIC 08 04:27:14.2z-1.1, 51.55N x 176.86E, 0.04, h44km, 10km, mb3.9/16, ML3.6/29, Error ellipse: s-maj=13.4km, s-min=2.3km az=168.0

IDC 08 04:27:15.2z-5.5, 51.60N x 176.79E, h52km, 46km, mb3.4/7, mb1 3.6/9, mb1mx3.4/42, mbtmp3.7/9, ML3.4/2, Error ellipse: s-maj=7.3km, s-min=1.8km az=173.0

ISC 08 04:27:14.7z-1.4, 51.61N x 176.84E, 0.05, h47km, 13km, n44, r1900/45, mb3.9/9, Rat Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, CESW Semis' Southwe, CEAP Semis' Anvil P, etc.

BUI 08 04:33:28.0z-0.0, 27.68N x 143.03E, h28km, mb5.2/40, mb4.7/62, MS4.8/24, MS7.4/5/25

IDC 08 04:33:28.0z-0.5, 27.74N x 142.90E, h0km, mb4.6/29, mb1 4.7/32, mb1mx4.7/41, mbtmp4.6/32, ML3.9/3, MS4.0/38, Ms1 4.0/38, ms1mx3.8/53, Error ellipse: s-maj=14.2km, s-min=12.8km az=66.0

JMA 08 04:33:29.4z-0.2, 27.91N x 143.02E, h20km, M4.9, NEIC 08 04:33:29.4z-0.2, 27.91N x 143.02E, h20km, M4.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm, Mr1.7; Mw-0.03; Ms-1.74; Mv-1.02; Mv0.37; Mw-1.57; Fault plane solution: Ms2.59000x10^16 NP1; q=153.0000; s68.0000; r7.9.0000; NP2: q=2.0000; s24.0000; r1.16.0000

GCMT 08 04:33:32.0z-0.4, 27.66N x 143.17E, 0.03, h19km, 1km, MW4.9/81, Moment Tensor Solution, s12, s12; s81, c103; Duration: 0. Moment tensor: Scale 10^19Nm, Mr2.63z-24; Mw-0.28z-13; Ms-2.35z-16; Mv-0.78z-33; Mw0.27z-08; Mw-1.0z-28; Best double couple: Ms2.82500x10^16 NP1: q=160.0000; s58.0000; r3.65.0000; NP2: q=9.0000; s58.0000; r1.107.0000. Principal axes: T 3.0620, Plg72.0000, Azm319.0000; N -0.4700, Plg14.0000; Azm180.0000; P -2.5870, Plg11.0000; Azm87.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08 04:33:33.1z-1.6, 27.74N x 142.95E, 0.03, h32km, 4km, mb4.8/169, Error ellipse: s-maj=8.9km, s-min=3.0km az=167.0

ISC 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ1 Chichi jima, CBJ2 Chichi jima, etc.

ISC 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

MJAR 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

MJAR 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

MJAR 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

MJAR 08 04:33:32.0z-0.3, 27.88N x 142.94E, 0.05, h22km, n318, r139/264, mb4.8/125, MS4.1/40, 2D, Bonin Islands region

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like LRMCC Laurel Mtn Rad, EDW2 Edwards Air Fo, SLIT Bitters, Lati, FURC Furnace Creek, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MNTX Cornudas Mount, SOKA Soboth, AMTX Amati Mounta, etc.

IDC 08 05:01:27.9z:5.54:16N:86:48E, h0km, mb1 3.3/2, mb1mx3.1/42, mbtmp3.3/2, ML2.8/2, Error ellipse: s-maj=20.5km s-min=12.4km az=56.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like H46RU ZALESOV INFRA, ZAAO Zalevov Array, ZAAO ZAAO, etc.

IDC 08 05:09:33.6z:1.4, 29:75S:179:46W, h425km, 15km, mb3.3/6, mb1 3.5/7, mb1mx3.3/30, mbtmp4.2/7, Error ellipse: s-maj=27.3km s-min=19.2km az=167.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, MXZ MXZ, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, AKASA Malin Array Be.

RSNC 08 05:11:57.6z:1.1, 6:83N:73:13W, h147km, 4km, ML3.1, Mw3.6, Fault plane solution: NPI:22.00000, 55.00000, 1.34.00000

UPA 08 05:11:59.0z:1.1, 7:16N:73:24W, h10km, 28km, MW4.0, ISC 08 05:11:56.0z:1.5, 6:86N:0:03:73:12W:0:04, h156km, 10km, m34, +f33/61, 3C-50, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pamplona, PAMC Pamplona, etc.

NCEDC 08 05:31:15.3z:2.6, 36:78N:0:008:121:48W:0:01, h7km, 3km, ML3.1/38, Error ellipse: s-maj=1.6km s-min=1.2km az=72.0

NEIC 08 05:14:9.1z:1.6, 36:73N:0:008:121:54W:0:03, h16km, 2km, Error ellipse: s-maj=4.1km s-min=1.1km az=82.0, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, KURBB, MK31, etc.

IGQ 08 07:28:53.9-0.5, 1.5; 2.2x7.7W, h5km, M4.8
NEIC 08 07:28:57.1-2.9, 1.18S; 0.07:77.20W; 0.05, h10km, 1km, mb4-4/14, Md4.8(GO), Error ellipse: s-maj=11.4km

IDC 08 07:29:06.7-2.4, 1.58S; 77.44W, h93km, 24km, mb3.4/5, mb1 3.6/6, mb1mx3.3/30, mbtmp3.6/6, Error ellipse: s-maj=31.7km s-min=15.1km az=91.0

ISC 08 07:28:53.3-1.3, 0.96S; 0.03:77.46W; 0.03, h8km, 10km, n92, c153/92, mb4.0/7, Ecuador

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

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

HELL 08 07:31:29.0-0.1, 6.7; 65N; 20.98E, h0km, ML1.7, Explosion
UPP 08 07:31:29.8-0.1, 6.7; 65N; 20.96E, h0km, ML1.9, ML1.7(UPP), Explosion, Sweden

Main station list table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA, MASU, LANU, etc.

UPP 08 07:32:59.9-1.9, 6.5; 30N; 25.50E, h0km, ML2.0, Suspected explosion

HEL 08 07:32:58.5-0.1, 6.5; 12N; 25.70E, h0km, ML1.7, ML2.0(UPP), Explosion, Finland

Main station list table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OUL, OUF, OUF, etc.

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

DDA 08 08:06:08.8, 35.11N; 27.68E, h26km, 4km, MW3.7
IDC 08 08:06:09.1-1.8, 35.38N; 27.60E, h0km, mb3.3/2, mb1 3.2/3, mb1mx3.1/44, mbtmp3.2/3, ML2.6/1, Error ellipse: s-maj=182.6km s-min=23.6km az=140.0

ISK 08 08:06:10.6, 35.26N; 27.75E, h9km, ML3.2/3, Error
ATH 08 08:06:11.3, 35.26N; 27.79E, h19km, 4km, ML3.2/3, Error ellipse: s-maj=6.6km s-min=1.6km az=331.0

THE 08 08:06:13.7, 35.43N; 27.70E, h0km, 2km, ML3.0/2, Error ellipse: s-maj=4.2km s-min=0.9km az=152.0

ISC 08 08:06:12.0-1.3, 35.30N; 0.05:27.74E, 0.03, h14km, 9km, n49, c154/66, Dodecanese Islands

Main station list table for the fourth section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP, ARG, ARG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KULM, BKBI, BHK, PMG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLMR, KLMM, KLNR, etc.

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

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like MNK, SLIT, IGIN, JTM, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like SUW, SUW, SUW, SUW, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like KWP, KWP, KWP, KWP, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, and other technical details. Includes stations like ELL, ELL214A, K31A, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, and other technical details. Includes stations like FUORN, G40A, TIR, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, Direction, and other technical details. Includes stations like L42A, D52A, H47A, etc.

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

Code Station Name Azimuth Phase ID Time Res ISC
IDC 08 09:40:07.1:3.7, 0.31S:133.21E, h0km, mb3.9/3, mb1 4/1.3, mb1mx3.5/32, mbtmp3.9/3, Error ellipse: s-maj=246.8km s-min=29.0km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RPKPI Ransiki, FAKI Fak Fak, MSAI Masohi, etc.

IDC 08 09:46:07.8:1.3, 2.7:98N:101.80E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/43, mbtmp3.6/4, Error ellipse: s-maj=35.2km s-min=23.4km az=79.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KMI Kunming, CD2 Chengdu, GYA Guiyang, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai, WHQ Wuhan, WNI Urumqi, etc.

IDC 08 09:47:24.7:3.5, 53.70N:88.10E, h0km, mb1 3.0/2, mb1mx2.9/40, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=33.2km s-min=18.0km az=45.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Arr, ZAAO Zalesovo Arr, etc.

JMA 08 09:51:38.7, 42:65N:141:26E, h2km, 2km, M2.0, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JEW Eniwo, JNB Noboribetsu, JNB Noboribetsu, etc.

IDC 08 09:51:43.2:2.17, 42:73N:142:69E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.3/48, mbtmp3.9/3, Error ellipse: s-maj=118.0km s-min=33.9km az=90.0

JMA 08 09:51:47.9, 42:64N:141:26E, h3km, 2km, M3.2, JMA Felt II J1, ISC 08 09:51:47.3:0.9, 42:59N:141:34E:0.07, h10km, n14, 0:046/11, 3D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JNB Noboribetsu, JEW Eniwo, JNB Noboribetsu, etc.

IDC 08 09:55:29.2:2.1, 17:25S:179:26W, h549km, 206km, mb3.1/3, mb1 3.3/3, mb1mx2.8/30, mbtmp4.1/3, Error ellipse: s-maj=149.5km s-min=91.8km az=102.0, Fiji Islands region

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

NEIC 08 10:24:30.7:1.0, 51:9N:0:1:178:30E:0.09, h129km, 6km, Error ellipse: s-maj=17.7km s-min=7.9km az=186.0

ISC 08 10:24:30.5:1.5, 51:9N:0:2:178:28E:0.07, h130km, 9km, n29, 0:077/33, Rat Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSPA Little Sitkin, etc.

SEW Seward, BPAW Bear Paw Creek, SCM Sheep Creek Mo, DHY Denali Highway, EGAK Eagle, EGAK Eagle

IDC 08 10:37:49.5:1.6, 42:53N:141:38E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.4/50, mbtmp3.7/4, ML1.9/1, Error ellipse: s-maj=41.2km s-min=15.4km az=122.0

JMA 08 10:37:52.3, 42:64N:141:26E, h3km, 1km, M3.4, JMA Felt II J1, ISC 08 10:37:51.7:1.2, 42:60N:141:31E:0.05, h12km, 9km, n20, 0:062/18, mb3.9/23, Hokkaido region

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

IDC 08 10:39:09.8:1.6, 4:89S:133:50E, h0km, mb4.1/1, mb1 4.1/6, mb1mx3.8/39, mbtmp4.0/6, ML3.8/5, MS3.0/1, Ms1 3.0/1, ms1mx2.5/43, Error ellipse: s-maj=65.4km s-min=22.5km az=70.0

NEIC 08 10:39:11.0:1.6, 4:77S:133:50E:0.2, h20km, 10km, mb4.0/6, Error ellipse: s-maj=27.2km s-min=6.1km az=66.0

ISC 08 10:39:11.5:0.9, 4:84S:133:50E:0.1, h25km, n17, WBO Warramunga Arr

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, SIJL Sorong, SIJL Sorong, etc.

IDC 08 10:44:33.1:4, 10:29S:76:56W, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.7/22, mbtmp3.6/4, Error ellipse: s-maj=61.4km s-min=30.5km az=66.0

NEIC 08 10:44:55.0:2.8, 10:27S:0:09:76:5W:0.1, h93km, 10km, mb4.4/4, Error ellipse: s-maj=15.9km s-min=12.7km az=79.0

ISC 08 10:44:55.3:0.8, 10:33S:0:08:76:5W:0.1, h100km, n15, 0:1905/13, mb3.4/4, Central Peru

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

IDC 08 10:46:32.5:0.8, 7:03S:154:94E, h0km, mb4.3/13, mb1 4.4/16, mb1mx3.3/36, mbtmp4.3/16, ML4.1/2, MS3.5/10, Ms1 3.5/10, ms1mx3.3/40, Error ellipse: s-maj=23.9km s-min=16.0km az=122.0

BUI 08 10:46:36.0:0.0, 7:00S:154:80E, h34km, mb4.9/20, NEIC 08 10:46:37.2:4, 7:03S:154:94E:0.1, h35km, 2km, mb4.5/4, Error ellipse: s-maj=19.8km s-min=16.5km az=104.0

Maa 1.05; Maa-1.12; Maa-1.46; Maa 1.24; Maa-0.90; Fault plane solution: M2.38000+1018 N1P1.298.00000+557.00000, A.16.00000. NP2.199.00000+677.00000, A.146.00000. Principal axes: T 2.7156, Plg3.00000, Azm154.00000; N -0.9864, Plg54.00000, Azm0.00000; P -1.7291, Plg13.00000, Azm252.00000.

ISC 08:12:56:26.1+0.3, 17.685:0.03; 168.46E:0.04, h111km, 2km, h111km; pP-P, n855, e1877/903, mb5.3/234, 35C-17D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations and their associated data.

Table with columns: TOO, IAmB, IAmB, Time, Residual, ISC. Lists various seismic stations and their associated data.

Table with columns: KMSI, CIBINONG, 47.37 288, P, P, 13 02 50.4, 13 02 10.3 0.0, 13 02 27.1, 13 02 26.5 +0.8, 13 02 25.8 +0.1, 13 02 27.6 +1.5, 13 02 31.0 +1.3, 13 02 32.5 +1.2, 13 02 31.0 -1.1, 13 02 31.0 -1.1, 13 02 28.9, 13 14 10.1, 13 02 33.6 -0.9, 13 02 38.5 +0.3, 13 02 42.8 -0.7, 13 02 44.3 -0.4, 13 02 44.4 -0.7, 13 02 44.6 -0.5, 13 02 44.3 -0.8, 13 02 44.2 -0.9, 13 07 51.6 +0.4, 13 09 04.4 +0.1, 13 12 56.4 -1.9, 13 15 35.4, 13 34 12.5, 13 02 43.9 -1.3, 13 02 49.4 +0.5, 13 02 49.4 +0.5, 13 02 49.2 -0.1, 13 02 48.8 -0.5, 13 07 56.6 -2.0, 13 09 05.3 -0.7, 13 12 56.6 -1.9, 13 14 53.4, 13 34 07.9, 13 02 54.2 +2.4, 13 03 07.7 -0.9, 13 03 19.0 -0.2, 13 03 18.7 -0.5, 13 03 24.7 -3.2, 13 03 32.7 -1.0, 13 03 33.0 -0.9, 13 03 33.4 -0.5, 13 03 36.3 -0.9, 13 03 36.4 -0.8, 13 03 40.9 +0.1, 13 03 41.0 +0.1, 13 09 43.3 -0.3, 13 13 08.5, 13 14 41.9, 13 03 46.6 -3.1, 13 03 50.2 +0.3, 13 04 14.2 -0.2, 13 09 45.7 -1.5, 13 13 03.4, 13 14 51.0, 13 03 52.5 +2.6, 13 17 11.5, 13 03 51.8 +0.1, 13 04 16.0 -0.2, 13 03 51.9 -0.1, 13 21 29.9, 13 03 52.4 +0.1, 13 04 15.5 -1.3, 13 03 56.0 0.0, 13 03 56.2 +0.3, 13 19 04.4, 13 03 56.3 +0.3, 13 04 06.9 +1.6, 13 04 06.4 +0.4, 13 04 30.6 -0.2, 13 04 07.8 +0.1, 13 04 32.0 -0.6, 13 04 16.0 +1.2, 13 04 20.8 +1.3, 13 04 19.8 +0.2, 13 04 22.5 +2.2, 13 04 24.4 +1.4, 13 21 22.7, 13 04 25.1 +2.0, 13 04 24.3 -0.1, 13 04 28.0 +1.9, 13 04 28.0 +1.3, 13 04 37.1 +1.3, 13 04 36.8 -0.4, 13 04 38.8 +0.5, 13 04 41.6 +0.5, 13 04 44.7 -0.1, 13 04 46.2 0.0, 13 04 51.2 -0.8, 13 04 53.4 +0.4, 13 04 53.0 0.0, 13 04 55.0 -0.5, 13 04 55.9 -0.3, 13 04 56.1 -0.2, 13 25 09.5, 13 04 56.1 -0.2, 13 04 56.1 -0.2, 13 05 00.3, 13 04 58.4 -0.1, 13 05 01.4 +1.1, 13 05 02.2 -0.1, 13 05 02.2 -0.3, 13 05 02.3 -0.3, 13 05 03.8 +0.1, 13 05 03.0 -0.7, 13 05 06.4 +0.1, 13 05 10.7 +2.4, 13 05 08.9 -0.5, 13 12 19.0 -2.6, 13 17 38.1, 13 19 47.4, 13 05 16.9 +0.9, 13 05 17.7 +1.4, 13 05 15.2 -1.2, 13 05 17.1 -0.1, 13 05 19.1 +1.0, 13 12 52.5 -1.3, 13 18 49.9, 13 21 00.3, 13 05 32.1 -1.1, 13 05 35.4 +2.0, 13 05 33.7 -2.1, 13 05 35.1 -0.7, 13 05 42.7 +0.6, 13 05 47.6 -0.1, 13 05 55.4 -1.0, 13 06 14.3 +0.3, 13 06 16.0, 13 06 19.9 -0.5, 13 06 17.9 -2.5, 13 06 20.0 +1.7, 13 29 03.2, 13 06 20.2 -0.1, 13 06 20.2 -0.1, 13 06 23.8, 13 06 23.7 +0.5, 13 33 50.4, 13 06 23.1 -0.7, 13 06 24.0, 13 06 26.0 +0.8, 13 06 31.7, 13 06 28.0 -0.1, 13 30 51.3, 13 06 28.1 -0.1, 13 06 27.8 -0.4, 13 07 08.0, 13 06 27.8 -0.4, 13 14 37.2 -1.1, 13 06 27.6 -0.7, 13 07 07.9, 13 06 30.1 +1.0, 13 06 29.1 -0.2, 13 06 30.8, 13 06 34.5 -0.1, 13 06 35.4 +0.8, 13 06 41.4 +0.4, 13 06 45.5 +0.1, 13 06 51.5 +2.3, 13 06 48.8 -0.6, 13 07 02.7 +1.2, 13 15 30.1 +8.7, 13 06 51.6 -1.3, 13 07 24.2, 13 09 15.0, 13 10 47.8, 13 15 24.3 -0.7, 13 15 35.3, 13 19 37.1 -1.7, 13 06 51.6 -1.3, 13 07 24.2, 13 09 15.0, 13 10 47.8, 13 15 24.3 -0.7, 13 15 35.3, 13 19 37.1 -1.7, 13 06 51.6 -1.3, 13 07 24.2, 13 09 15.0, 13 10 47.8, 13 15 24.3 -0.7, 13 15 35.3, 13 19 37.1 -1.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for MAVS, BGES, KJVO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for MAN 08, KCP, CGP, etc.

GUC 08 13:21:00.2, 0.7, 20:31S:69:00W, h105km, 3km, ML3.8
IDC 08 13:21:01.1, 1.0, 20:36S:68:73W, h117km, 11km, mb3.4/4,
mb1.3/6.8, mb1mx3.4/36, mbtmp3.8/8, Error ellipse:
s-maj=24.7km s-min=9.4km az=98.0
ISC 08 13:20:59.3, 0.7, 20:32S:03:69:06W, 0.05, h106km, 5km,
n48, e1909/75, mb3.8/3, 12C-2D, Northern Chile

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for IPOC Station P, G001, G002, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for G005, MT02, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes entries for MT05, STL, Sierra Bellavi, etc.

YBH	Yreka Blue Hor	80.53	39	P	P	13 44 46.0 +1.6
WAKR	Walker	80.58	43	P	P	13 44 46.2 +1.2
PNTR	Pine Nut	80.82	42	P	P	13 44 47.6 +1.4
PNTR	comp=Z,7.8m,0.8s			Iamb	Iamb	13 44 48.2
YERR	Yerington	80.98	43	P	P	13 44 48.0 +0.9
RYLN	Ryan	81.23	43	P	P	13 44 49.2 +0.9
RYN	comp=Z,20nm,2.0s			Iamb	Iamb	13 44 50.1
NVAR	Mina Array Bea	81.26	43	P	P	13 44 49.5 +0.9
NVAR	comp=Z,2.9nm,0.8s,baz=225,slow=9.2,SNR=21			pwp	pwp	13 46 48.9 +3.1
PAHR	Pah Rah Raw	81.31	42	P	P	13 44 49.4 +0.7
MAW	Mawson	81.33	200	P	P	13 44 48.4 +0.3
MAW	comp=Z,5nm,0.4s,baz=103,slow=5.5,SNR=6.4					
MAW	Mawson	81.33	200	P	P	13 44 48.3 +0.2
NV11	Mina Array Sit	81.36	43	P	P	13 44 48.9 +0.1
KVN	Kaiserville	81.75	43	P	P	13 44 51.3 +0.3
TPWV	Topopah Spring	81.78	46	P	P	13 44 52.2 +1.0
MOD	Modoc Plateau	82.06	40	P	P	13 44 53.6 +1.2
K05A	Summer Lake	82.20	39	P	P	13 44 54.9 +1.7
K05A	comp=Z,15nm,1.0s			Iamb	Iamb	13 44 55.4
SHPR	Sheep Range	82.27	46	P	P	13 44 54.9 +1.3
CN2	Changchun	82.38	323	eP	eP	13 44 54.4 +0.6
CN2	comp=Z,10.0nm,0.8s			pmx	pmx	
W13A	Hualapai Mount	82.40	48	P	P	13 44 55.6 +1.2
PINE	Pine Mountain	82.42	38	P	P	13 44 57.6 +1.3
PINE	comp=Z,1.1nm,0.9s			Iamb	Iamb	13 44 58.6
HOM	Homer	82.45	13	P	P	13 44 56.7 +0.4
HOM	comp=Z,36nm,1.0s			Iamb	Iamb	13 44 57.6
IPM	Iphoh	83.03	277	P	P	13 44 58.0 +0.2
IPM	comp=Z,18nm,0.7s			Iamb	Iamb	13 44 59.0
TUC	Tucson	83.21	52	P	P	13 44 59.7 +1.3
BRK	Bradley Lake	83.22	13	P	P	13 44 57.6 0.0
BRK	comp=Z,11nm,0.9s			Iamb	Iamb	13 44 58.1
WVOR	Wild Horse Val	83.37	40	P	P	13 44 59.5 +0.6
KULM	Kulim	83.67	278	P	P	13 45 01.3 +0.3
KULM	comp=Z,13nm,0.6s			Iamb	Iamb	13 45 02.0
X16A	Lo Mia Camp, P	83.78	50	P	P	13 45 02.0 +0.8
I07A	Ize	83.83	38	P	P	13 45 02.0 +0.8
LCMT	Little Creek M	83.84	47	P	P	13 45 02.1 +0.6
MA2	Magadan	83.94	345	Iamb	Iamb	13 45 00.6 -0.7
MA2	comp=Z,1.1nm,1.0s					13 45 01.4
KNB	Knab	84.13	47	P	P	13 45 04.1 +1.2
U15A	North Rim	84.19	48	P	P	13 45 04.1 +0.7
PSUT	Pine Spring	84.23	45	P	P	13 45 03.0 -0.4
SZCU	Shurtz Canyon	84.25	46	P	P	13 45 03.6 0.0
RPSI	Rantau Prapat	84.34	275	P	P	13 45 03.9 -0.4
RPSI	comp=Z,1.1nm,0.8s			Iamb	Iamb	13 45 04.7
ELK	Elko	84.52	43	P	P	13 45 05.6 +0.7
SUA	Susitna One	84.78	13	P	P	13 45 05.0 -0.5
SUA	comp=Z,7.9nm,0.7s			Iamb	Iamb	13 45 05.7
G08A	Pilot Rock	84.86	37	P	P	13 45 07.1 +0.9
GLI	Glacier Island	85.07	15	P	P	13 45 06.5 -0.3
GLI	comp=Z,11nm,0.8s			Iamb	Iamb	13 45 07.1
MTPU	Mount Pierson	85.09	46	P	P	13 45 09.0 +1.1
TTA	Tatalina	85.16	10	P	P	13 45 07.5 +0.2
HAWA	Hanford	85.19	36	P	P	13 45 08.6 +0.0
HAWA	comp=Z,9.6nm,1.2s			Iamb	Iamb	13 45 09.6
PMR	Palmer	85.24	13	P	P	13 45 07.2 -0.3
PMR	comp=Z,16nm,1.5s			Iamb	Iamb	13 45 07.8
GHO	Glory Hole Cre	85.45	13	P	P	13 45 08.5 -0.1
GHO	comp=Z,17nm,0.7s			Iamb	Iamb	13 45 09.2
BMO	Blue Mountains	85.55	39	P	P	13 45 10.1 +0.5
D06A	Wollman Farm,	85.92	36	P	P	13 45 12.2 +1.0
ENH	Enshi	86.04	304	Iamb	Iamb	13 45 13.0 +0.8
ENH	comp=Z,20nm,0.9s			Iamb	Iamb	13 45 13.7
F10A	Beach Ranch, E	86.24	38	P	P	13 45 13.1 +0.3
F10A	comp=Z,10nm,0.8s			Iamb	Iamb	13 45 14.0
B08A	Colville Reser	86.47	35	P	P	13 45 13.7 -0.1
HLID	Hailey	86.56	41	P	P	13 45 15.0 +0.4
GVA	Guyang	86.63	300	eP	eP	13 45 15.7 +0.5
GVA	comp=Z,8.0nm,0.9s			pmx	pmx	13 45 14.4
TRF	Thorofore Moun	86.67	12	P	P	13 45 13.8 -0.8
TRF	comp=Z,12nm,0.8s			Iamb	Iamb	13 45 14.4
C09A	Chrisman Ranch	86.71	36	P	P	13 45 15.7 +0.8
C09A	comp=Z,5.3nm,0.8s			Iamb	Iamb	13 45 16.3
RND	Reindeer	86.92	13	P	P	13 45 15.0 -0.6
RND	comp=Z,16nm,0.7s			Iamb	Iamb	13 45 16.0
MNTX	Cornudas Mount	86.97	55	P	P	13 45 17.3 +0.8
MCK	McKinley	87.20	13	P	P	13 45 16.2 -0.6
MCK	comp=Z,7.7nm,0.8s			Iamb	Iamb	13 45 17.9
TX31	Lajitas Ar. Si	87.27	57	P	P	13 45 19.4 +1.3
TX31	comp=Z,36nm,1.9s			Iamb	Iamb	13 47 11.0
TX32	Lajitas Array	87.27	57	P	P	13 45 19.5 +1.4
TXAR	Lajitas Array	87.27	57	P	P	13 45 19.2 +1.1
TXAR	comp=Z,2.1nm,0.9s,baz=220,slow=6.6,SNR=18			pwp	pwp	13 45 21.2 +1.3
BCYI	Bear Canyon	87.58	41	P	P	13 45 19.7 +0.3
NEW	Newport	87.61	36	P	P	13 45 19.5 +0.3
NEW	comp=Z,18nm,1.9s			Iamb	Iamb	13 45 19.7
ANMO	Albuquerque	87.63	51	P	P	13 45 20.6 +0.8
MENT	Mentasta	87.67	15	P	P	13 45 19.4 +0.3
MENT	comp=Z,4.3nm,0.8s			Iamb	Iamb	13 45 20.7
NV3A	Neumayer Olymp	87.95	176	P	P	13 45 19.9 -0.5
WNA3	Wood River Hill	88.03	13	P	P	13 45 20.1 -0.5
WRH	comp=Z,11nm,0.8s			Iamb	Iamb	13 45 20.7
RIDG	Independent Ri	88.09	14	P	P	13 45 21.0 0.0
RIDG	comp=Z,5.0nm,0.9s			Iamb	Iamb	13 45 21.7
XAN	Xi'an	88.15	307	P	P	13 45 22.7 +0.7
XAN	comp=Z,15nm,0.9s			pmx	pmx	
XAN	comp=Z,15nm,0.9s			Iamb	Iamb	13 45 22.5 +0.5
XAN	comp=Z,11nm,0.9s			Iamb	Iamb	13 45 23.6
DOT	Dot Lake	88.19	14	P	P	13 45 21.5 +0.1
DOT	comp=Z,6.9nm,1.1s			Iamb	Iamb	13 45 22.1
MCMT	McKenzie Canyo	88.19	40	P	P	13 45 22.7 +0.5
HDA	Harding Lake	88.21	13	P	P	13 45 20.9 -0.6
HDA	comp=Z,10nm,0.6s			Iamb	Iamb	13 45 21.6
CCB	Clear Creek Bu	88.24	13	P	P	13 45 20.5 -1.1
CCB	comp=Z,11nm,0.6s			Iamb	Iamb	13 45 21.4
DLBC	Dease Lake	88.29	23	P	P	13 45 20.5 -1.6
DLBC	comp=Z,8.2nm,1.3s			Iamb	Iamb	13 45 23.2
VNA2	Neumayer-Watz	88.39	177	P	P	13 45 22.2 -0.3
MDM	Murphy Dome	88.43	12	P	P	13 45 21.3 -1.3
MDM	comp=Z,4.8nm,0.6s			Iamb	Iamb	13 45 22.4
IL31	Elson Array	88.54	13	P	P	13 45 21.8 -1.2
ILAR	comp=Z,3.7nm,0.6s,baz=217,slow=4,SNR=27			Iamb	Iamb	13 45 22.1 -0.9
PNC1	Neumayer-Stat	88.62	177	P	P	13 45 23.3 -0.2
DLMT	Dillon	88.62	40	P	P	13 45 24.5 +0.4
HIA	Hailar	88.78	325	P	P	13 45 24.7 +0.2
HIA	comp=Z,4.9nm,0.8s			Iamb	Iamb	13 45 35.2
IMW	Indian Meadow	88.89	42	P	P	13 45 25.4 -0.1
IMW	comp=Z,4.1nm,0.8s			Iamb	Iamb	13 45 27.3
QLMT	Earthquake Lak	89.06	41	P	P	13 45 27.5 +1.3
FLWY	Flagg Ranch	89.13	42	P	P	13 45 26.9 +0.3

FLWY	comp=Z,5.1nm,0.8s			Iamb	Iamb	13 45 28.6
BW06	Boulder Array	89.20	43	P	P	13 45 27.3 +0.4
PDAR	Pinedale Array	89.20	43	P	P	13 45 27.2 +0.2
PDAR	Pinedale Array	89.20	43	P	P	13 45 27.1 +0.2
YHL	Yehgen Lake	89.22	41	P	P	13 45 28.3 +1.2
BILL	Bilibino	89.22	354	P	P	13 45 27.3 +1.2
BILL	comp=Z,8.7nm,1.3s			Iamb	Iamb	13 47 55.0
KMI	Kunming	89.32	297	↑P	↑P	13 45 28.7 +0.8
KMI	comp=Z,1.1nm,1.0s			pmx	pmx	
BOZ	Bozeman (W)	89.30	40	eP	eP	13 45 28.4 +1.0
HHC	Hu-ho-hao-te	89.40	314	eP	eP	13 45 23.2 -4.5
HHC	comp=Z,2.2nm,0.8s			pmx	pmx	
HHC	Hu-ho-hao-te	89.40	314	eP	eP	13 45 30.2 +2.5
HHC	comp=Z,2.4nm,0.7s			pmx	pmx	
PRP	Porcupine Dome	89.47	13	P	P	13 45 26.9 -0.7
PRP	comp=Z,7.1nm,1.4s			Iamb	Iamb	13 45 28.5
DAWY	Dawson	89.69	16	P	P	13 45 27.5 -0.9
DAWY	comp=Z,5.7nm,0.8s			Iamb	Iamb	13 45 29.4
EGAK	Eagle	89.85	13	P	P	13 45 28.9 -0.1
EGAK	comp=Z,5.0nm,0.8s			Iamb	Iamb	13 45 29.8
CM31	Chiang Mai Arr	90.06	290	P	P	13 45 30.6 -0.5
CM31	comp=Z,1.5nm,0.9s			Iamb	Iamb	13 45 33.5
CMAR	Chiang Mai Arr	90.06	290	P	P	13 45 32.5 +1.3
CMAR	comp=Z,9.3nm,0.9s,baz=120,slow=3.0,SNR=35					13 45 30.5 +0.3
COLD	Coldfoot	90.10	11	P	P	13 45 31.4
COLD	comp=Z,3.7nm,0.8s			Iamb	Iamb	13 45 31.4
CHTO	Chiang Mai	90.29	290	P	P	13 45 33.1 +1.3
SHTO	Songino Array	95.82	319	P	P	13 45 56.7 -0.3
SHTO	comp=Z,0.4s,baz=116,slow=6.6,SNR=1.8					13 45 56.7 -0.3
YKA	Yellowknife Ar	96.75	25	P	P	13 45 59.1 -1.5
YKA	comp=Z,0.5nm,0.8s,baz=255,slow=4.2,SNR=5.3					13 45 59.1 -1.5
ZALV	Zalesovo Beam	110.56	321	PKIP	PKIP	13 50 57.5 -1.9
ZALV	comp=Z,2.5nm,0.6s,baz=28,slow=1.1,SNR=7.2					13 50 59.4 -1.5
MKAR	Manakchi Array	111.24	313	PKIP	PKIP	13 51 59.1 -1.5
MKAR	comp=Z,1.4nm,0.6s,baz=86,slow=1.3,SNR=14					13 51 14.6 -2.0
GAR	Garm	119.22	304	PKP	PKP	13 51 29.5 -0.6
GAR	comp=Z,2.7nm,0.8s,baz=345,slow=1.3,SNR=3.2					13 51 34.1 -0.7
GEYT	Geitay	128.78	302	PKP	PKP	13 51 33.2 -1.2
GEYT	comp=Z,3.4nm,0.8s,baz=64,slow=5.0,SNR=5.3					13 51 33.2 -1.2
ARCES	ARCES Array B	129.09	350	PKP	PKP	13 51 37.1
ARCES	comp=Z,2.0nm,0.7s,baz=94,slow=7.1,SNR=5.0					13 51 48.8 -0.5
FINES	FINES Array B	135.93	344	PKIP	PKIP	13 51 48.8 -0.5
FINES	comp=Z,1.3nm,0.3s,baz=45,slow=3.2,SNR=9.9					13 51 53.8 +0.3
KBZ	Khabaz	138.94	314	PKP	PKP	13 51 43.7 -1.0
KBZ	comp=Z,1.6nm,0.8s,baz=124,slow=1.1,SNR=2.4					13 51 44.4
NB2	NORSAR Subarray19	161.353	331	PKP	PKP	13 51 54.2 +0.8
NB2	comp=Z,0.7nm,0.5s,baz=15,slow=4.1,SNR=3.9					13 51 57.0 -1.0
NOA	NORSAR Array B	143.132	331	PKIP	PKIP	13 51 57.0 -1.5
NOA	comp=Z,0.6nm,0.5s,baz=14,slow=2.4,SNR=6.7					13 52 00.6 -0.5
NOA	comp=Z,0.7nm,0.5s,baz=15,slow=4.1,SNR=3.9					13 52 01.2 -1.1
AKAS	Malin Array Se	143.132	331	PKIP	PKIP	13 52 05.6 -0.4
AKAS	comp=Z,1.2nm,0.5s,baz=14,slow=2.4,SNR=6.7					13 52 07.8 -0.3
KBAB	Malin Array Si	143.132	331	PKIP	PKIP	13 52 09.5 -0.2
KBAB	comp=Z,1.2nm,0.5s,baz=14,slow=2.4,SNR=6.7					13 52 12.5 +0.1
MUD	Monsted Ugrnd	143.88	353	I	I	13 52 09.7 -0.9
MUD	comp=Z,2.5nm,0.6s					13 52 09.8 -0.8
BSD	Bornholm Skovb	144.25	347	I	I	13 52 10.5 -0.6
BSD	comp=Z,4.6nm,0.8s					13 52 10.5 -0.6
GAZ	Gasiantep	145.22	306	PKP	PKP	13 52 11.2 +0.1
BSEG	Bad Segeberg	146.2				

8d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urumqi, Makanchi Array, Tiksi, Zalesovo Beam, Sparrevohn, Suisutina One, etc.

MAN 08 13:53:58.4, 18:20N-122:29E, h8km, mb4.2, ML3.0, MS2.7, 1D, Luzon

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

ATH 08 14:05:29.9, 35:92N-23:55E, h28km, ML4.0/2/2, Error ellipse: s-maj=1.7km s-min=0.7km az=228.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Antikythira Is, Rodopos, Kythira Island, Kythira Island, Chania, lera Moni Meta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Palaiochora Ch, Palaiochora Ch, Vamos, Vamos, Monemvasia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Prines Retymn, Agia Marina, M, Agia Marina, M, Plaka, Milos I, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gavdos, Gavdos, Gavdos, Gavdos, Prines Retymn, Agia Marina, M, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gavdhos, Anoyia, Anoyia, Anoyia, Anoyia, etc.

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

IOC 08 14:16:16.6:6.3, 31.01Sx178:83W, h0km, mb4.2/2, mb1.4/4.2, mb1mx3/7.28, mbtmp3.6/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LHI, AS31, ASAR, WRO, WRO, WB2, WRAB, WRA, WBO, WBO, MTN, MTN, KNRA, GSPA, SYO, SYO, SYO, SYO, etc.

IOC 08 14:22:04.6:3.8, 7.87S:106:86E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3/5/36, mbtmp3.6/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CISI, CISI, XMSI, SMRI, UGM, JAGI, KNRA, MTN, WRA, etc.

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KIMD	Kanaga Island	2.67	93	Pn	14 44 14.2	-0.3
KICM	Kanaga Island	2.68	90	Pn	14 44 14.6	0.0
KIKV	Kanaga Island	2.70	90	Pn	14 44 14.6	-0.2
KIWB	Kanaga Island	2.71	90	Pn	14 44 13.4	-1.6
SMY	Shemya	2.79	288	Pn	14 44 14.4	-1.6
SHY	Shemya	2.79	288	Pn	14 44 14.3	-0.6
ADK	Adak	3.00	89	P	14 44 18.0	-0.8
ADK	Adak	3.00	89	Pn	14 44 18.0	-0.8
ADAG	Mount Adagadk	3.05	88	Pn	14 44 19.0	-0.4
GSTD	Great Sitkin T	3.33	86	Pn	14 44 22.5	-0.7
GSTR	Great Sitkin T	3.38	86	Pn	14 44 23.2	-0.6
GSMY	Great Sitkin M	3.38	86	Pn	14 44 23.3	-0.6
ATKA	Atka Island	4.53	84	Pn	14 44 38.5	-0.6
KOPF	Korovin Flat P	4.59	83	Pn	14 44 39.5	-0.5
KOSE	Korovin Southe	4.62	82	Pn	14 44 40.2	-0.2
NIKH	Nikolski High	7.81	78	Pn	14 45 22.8	-0.6
OKSP	Okmok Steepe	8.17	76	Pn	14 45 28.9	+0.7
OKCE	Okmok Cone E	8.25	74	Pn	14 45 30.4	+1.0
OKNC	Okmok New Cone	8.28	74	Pn	14 45 30.8	+1.0
SPIA	Saint Paul Is	8.38	47	Pn	14 45 32.1	+1.1
OKFG	Magazine Ridge	8.40	75	Pn	14 45 32.3	+0.9
UNV	Unalaska Valle	9.28	72	Pn	14 45 43.1	0.0
AKUT	Akutua	9.74	71	Pn	14 45 50.5	+1.1
FALS	False Pass	11.19	68	Pn	14 46 09.4	+0.5
PET	Petropavlovsk	12.12	283	eP	14 46 20.8	-0.5
PET	Petropavlovsk	12.12	283	eS	14 46 33.6	-0.9
PET	comp-Z,500nm,2.4s			pmax		pmax
PET	comp-Z,711nm,1.2s			pmax		pmax
PET	comp-Z,200nm,4.9s			pmax		pmax
PET	comp-Z,200nm,12.0s			MLR		MLR
PET	Petropavlovsk	12.12	283	Pn	14 46 20.8	-0.5
PEA0B	Petropavlovsk	12.70	283	eP	14 46 27.8	-1.0
PEA0B	Petropavlovsk	12.70	283	Pn	14 46 28.0	-0.2
PETK	Petropavlovsk	12.70	283	P	14 46 28.3	-0.5
PETK	comp-Z,1.7nm,0.3s,baz=96,slow=15,SNR=163			S	14 48 40.1	-8.3
PETK	comp-Z,0.3nm,0.3s,baz=106,slow=26,SNR=1.8			LR	14 51 05.4	
PETK	comp-Z,0.5nm,18.6s,baz=60,slow=36			PcP	14 51 56.3	+0.9
PETK	comp-Z,0.2nm,0.3s,baz=134,slow=4.2,SNR=3.7			ScP	14 55 17.1	-0.3
PETK	comp-Z,0.1nm,0.3s,baz=134,slow=4.3,SNR=5.9			ScP	14 55 17.1	-0.3
SDPT	Sand Point	12.93	66	Pn	14 46 29.8	-1.9
SKR	Severo-Kuril'sk	14.03	274	eP	14 46 42.3	-3.7
SKR	comp-Z,100nm,4.1s			pmax		pmax
SKR	comp-Z,113nm,0.9s			MLR		MLR
SKR	comp-Z,100nm,11.0s			MLR		MLR
SKR	comp-Z,100nm,14.0s			MLR		MLR
CHIR	Chirikof Islan	15.72	66	Pn	14 47 04.8	-2.4
SII	Sitkinak Islan	16.57	63	Pn	14 47 15.2	-2.5
SVW2	Sparrevohn	16.88	47	IAMB	14 47 22.6	+1.1
SVW2	comp-Z,36nm,0.9s			IAMB	14 47 29.2	
OHAK	Old Harbor	17.12	61	P	14 47 21.5	-2.7
OHAK	comp-Z,55nm,1.0s			IAMB	14 47 49.4	
BILL	Bilibino	17.18	344	iP	14 47 26.5	+1.4
BILL	comp-Z,20nm,1.1s			pmax		pmax
BILL	Bilibino	17.18	344	IAMB	14 47 25.5	+0.5
BILL	comp-Z,59nm,1.1s			IAMB	14 47 52.5	
MA2	Magadan	17.25	307	P	14 47 26.1	+0.1
MA2	comp-Z,0.3nm,0.3s,baz=90,slow=7.1,SNR=5.7			Pn	14 47 26.5	+0.6
MA2	Magadan	17.25	307	iP	14 47 26.5	+0.6
MA2	comp-Z,19nm,1.6s			pmax		pmax
MA2	Magadan	17.25	307	P	14 47 25.9	0.0
TTA	Tatalina	17.45	41	Pn	14 47 29.3	+0.9
TTA	comp-Z,35nm,0.8s			pmax		pmax
TTA	Tatalina	17.45	41	IAMB	14 47 29.2	+0.9
TTA	comp-Z,35nm,0.8s			IAMB	14 47 31.0	
KDAK	Kodiak Island	17.56	59	P	14 47 27.0	-2.0
KDAK	comp-Z,19nm,0.3s,baz=266,slow=5.3,SNR=62			S	14 50 33.8	-1.2
KDAK	Kodiak Island	17.56	59	P	14 47 26.6	-2.5
KDAK	comp-Z,0.4nm,0.3s,baz=323,slow=20,SNR=1.4			S	14 47 56.6	
KDAK	Kodiak Island	17.56	59	IAMB	14 47 56.6	
RSD	Redoubt South	18.00	51	P	14 47 35.5	+0.4
HOM	Homer	18.35	53	Pn	14 47 38.4	-0.7
RDG	Red Dog Mine	18.49	22	Pn	14 47 40.0	-0.7
BRKL	Bradley Lake	18.75	42	P	14 47 41.4	-0.6
SKT	Skwentz	19.00	46	Pn	14 47 45.3	+0.5
PDLA	Purkaypina	19.03	44	Pn	14 47 46.7	+0.5
SUA	Susitna One	19.21	48	P	14 47 47.6	+0.5
SUA	comp-Z,66nm,0.8s			IAMB	14 47 52.9	
SEW	Seward	19.52	53	P	14 47 48.9	-1.5
CUT	Chulitna	19.70	46	P	14 47 52.4	+0.2
BPAW	Bear Paw Mtn.	19.98	41	P	14 47 56.6	+1.2
BPAW	comp-Z,54nm,1.1s			IAMB	14 47 58.1	
PMR	Palmer	19.99	49	P	14 47 55.5	+0.1
PMR	comp-Z,52nm,1.5s			pmax		pmax
PMR	Palmer	19.99	49	IAMB	14 47 55.5	+0.1
PMR	comp-Z,52nm,1.5s			IAMB	14 47 59.6	
TRF	Thorofare Moun	20.03	43	P	14 47 56.2	+0.1
GHO	Glory Hole Cre	20.13	48	IAMB	14 47 56.4	-0.7
GHO	comp-Z,38nm,0.6s			IAMB	14 48 00.9	
KNK	Knik Glacier	20.26	49	P	14 47 58.3	-0.1
KNK	comp-Z,63nm,0.9s			IAMB	14 48 00.5	
SML	Sawmill	20.41	48	P	14 48 00.2	+0.2
SML	Sawmill	20.41	48	IAMB	14 48 03.3	
RND	Reindeer	20.62	44	P	14 48 01.6	-0.7
RND	comp-Z,52nm,0.7s			pmax		pmax
RND	Reindeer	20.62	44	P	14 48 01.6	-0.7
MCK	McKinley	20.70	43	P	14 48 02.9	-0.1
MCK	comp-Z,43nm,1.0s			pmax		pmax
MCK	McKinley	20.70	43	IAMB	14 48 34.3	
GLI	Glacier Island	20.80	51	P	14 48 03.1	-1.1
SCM	Sheep Creek Mo	20.88	48	P	14 48 04.7	-0.4
SCM	comp-Z,114nm,1.1s			pmax		pmax
NEA2	Sheep Creek Mo	20.88	48	P	14 48 04.7	-0.4
NEA2	comp-Z,248,SNR=49			P	14 48 06.3	+0.6
MID	Middleton Is	20.99	55	P	14 48 06.0	-0.1
MID	comp-Z,168nm,0.8s			pmax		pmax
MID	Middleton Is	20.99	55	P	14 48 06.0	-0.1
HIN	Hinchinbrook I	21.02	53	P	14 48 05.2	-1.3
HIN	comp-Z,77nm,1.0s			IAMB	14 48 07.7	
FID	Port Fidalgo	21.08	52	P	14 48 05.9	-1.2
DHY	Denali Highway	21.17	45	P	14 48 07.4	-0.9
DHY	comp-Z,68nm,0.9s			IAMB	14 48 10.8	
WRH	Wood River Hill	21.30	41	P	14 48 08.3	-1.2
EYAK	Cordova Ski Ar	21.41	52	P	14 48 10.2	-0.5
EYAK	comp-Z,87nm,1.2s			IAMB	14 48 13.8	
MDM	Murphy Dome	21.41	40	P	14 48 10.6	-0.1
CCB	Clear Creek Bu	21.47	41	P	14 48 10.4	-0.9
COLD	Coldfoot	21.67	33	P	14 48 13.8	+0.5
COLD	comp-Z,241,SNR=7.7			P	14 48 13.5	+0.1
COLD	Coldfoot	21.67	33	P	14 48 13.5	+0.1
HDA	Harding Lake	21.74	42	P	14 48 14.3	+0.1
HDA	comp-Z,251,SNR=12			P	14 48 13.5	+0.1
HDA	Harding Lake	21.74	42	P	14 48 13.5	+0.1
POKR	Poker Plat Res	21.79	40	P	14 48 14.7	+0.7
POKR	comp-Z,249,SNR=6.1			P	14 48 14.7	+0.7

IL31		21.89	41	P	14 48 14.4	-1.3
ILAR	Eielson Array	21.89	41	P	14 48 14.1	-1.6
ILAR	comp-Z,3.6nm,0.6s,baz=238,slow=9.1,SNR=35			PcP	14 52 09.6	-0.3
ILAR	comp-Z,1.2nm,0.7s,baz=252,slow=2.3,SNR=5.3			ScP	14 55 32.5	-3.5
RAGM	Ragged Mounts	21.92	53	P	14 48 15.8	-0.3
PAX	Paxson	21.98	46	P	14 48 16.2	-0.6
PAX	comp-Z,137nm,1.5s			pmax		pmax
PAY	Paxson	21.98	46	P	14 48 16.2	-0.6
TYV	Typnovskoe	22.23	281	eP	14 48 20.3	+0.9
TYV	comp-Z,18nm,0.7s			eS	14 48 42.1	+1.0
RIDG	Independent R	22.44	44	P	14 48 20.2	-1.3
RIDG	comp-Z,46nm,1.0s			IAMB	14 48 59.1	
GLB	Gilahina Butte	22.46	50	P	14 48 21.4	-0.3
GLB	comp-Z,49nm,0.7s			IAMB	14 48 25.3	
TOLK	Toolik Lake Re	22.59	30	P	14 48 22.9	0.0
TOLK	comp-Z,298,SNR=8			IAMB	14 48 23.8	+0.9
TOLK	Toolik Lake Re	22.59	30	IAMB	14 48 23.8	+0.9
VRDI	Verde Repeater	22.61	51	P	14 48 21.9	-1.4
VRDI	comp-Z,44nm,0.7s			IAMB	14 48 26.4	
PRP	Porcupine Dome	22.68	39	P	14 48 22.0	-1.9
CRQM	Cirque	22.71	52	P	14 48 24.3	0.0
DOT	Dot Lake	22.76	45	P	14 48 23.4	-1.1
DOT	comp-Z,27nm,0.8s			IAMB	14 48 26.5	
MENT	Mentasta	22.76	46	P	14 48 23.6	-1.0
MENT	comp-Z,29nm,0.6s			IAMB	14 48 29.3	
WAX	Waxell Ridge	22.82	53	P	14 48 25.3	0.0
MCARA	McCarthy VSAT	22.83	51	P	14 48 25.6	+0.3
MCARA	comp-Z,72nm,0.9s			IAMB	14 48 27.4	
TGL	Tana Glacier	22.86	52	P	14 48 25.7	0.0
TGL	comp-Z,55nm,0.8s			IAMB	14 48 28.1	
SCRK	Sand Creek	22.87	44	P	14 48 24.4	-1.4
SCRK	comp-Z,25nm,0.8s			IAMB	14 48 55.2	
YUK	Yuzh-Kuril'sk	23.06	263	eP	14 48 26.5	-1.1
YUK	comp-Z,119nm,1.0s			S	14 52 29.4	+0.2
YUK	comp-N,88nm,0.8s			pmax		pmax
YUK	comp-E,54nm,1.1s			pmax		pmax
ISLE	Juniper Island	23.09	53	P	14 48 27.3	-0.6
ISLE	comp-Z,98nm,1.2s			IAMB	14 48 30.1	
BALM	Baldy	23.12	52	P	14 48 28.2	0.0
BALM	Baldy	23.12	52	P	14 48 28.2	0.0
BALM	comp-Z,39nm,0.9s			IAMB	14 48 29.4	
MESA	Mesa	23.25	54	P	14 48 29.1	-0.4
YAH	Yahstse	23.37	53	P	14 48 30.5	-0.1
BARN	Barnard Glacie	23.46	52	P	14 48 31.6	+0.3
YSS	Yuzh-Sakhalins	23.59	272	eP	14 48 26.5	-5.9
YSS	comp-Z,20nm,0.7s			eS	14 52 26.8	-1.1
YSS	comp-Z,20nm,0.7s			pmax		pmax
YSS	comp-N,200nm,5.3s			smax		smax
YSS	Yuzh-Sakhalins	23.59	272	P	14 48 26.5	-5.9
YSS	comp-Z,26nm,0.7s			IAMB	14 48 35.6	
CTGM	Chitina Glacie	23.61	52	P	14 48 32.7	+0.1
TABL	Table Mountain	23.67	53	P	14 48 31.5	-1.8
PCA	Pinnacle	24.10	54	P	14 48 35.7	-1.3
EGAK	Egarka	24.25	43	P	14 48 38.2	0.0
DAWY	Dawson	24.87	45	P	14 48 44.3	+0.4
DAWY	comp-Z,32nm,0.8s			IAMB	14 48 47.4	
JKA	Kamikawa-asahi	25.03	266	P	14 48 46.8	+1.3
JKA	comp-Z,36nm,1.1s			IAMB	14 49 31.4	
ASAJ	Asahikawa	25.03	266	P	14 48 46.8	+1.3
ASAJ	comp-Z,9.1nm,0.7s,baz=55,slow=12,SNR=10			P	14 48 46.8	+1.3
ASAJ	Asahikawa	25.03	266	P	14 48 46.8	+1.3
ASAJ	comp-Z,36nm,1.1s			pmax		pmax
HYT	Haines Junction	25.47	52	P	14 48 49.5	0.0
GRNR	Gornyy	26.02	284	iP	14 48 54.8	+0.4
GRNR	comp-Z,5.0nm,0.8s			pmax		pmax
EPYK	Eagle Plains	26.38	40	P	14 48 57.2	-0.3

Table with columns: Station, Location, Frequency, Power, Mode, and other technical details. Includes stations like Virginia City, Pine Nut, Columbia Colle, etc.

Table with columns: Station, Location, Frequency, Power, Mode, and other technical details. Includes stations like Pinedale Array, Kanab, Pinedale Array, etc.

Table with columns: Station, Location, Frequency, Power, Mode, and other technical details. Includes stations like AGMN Agassiz Nation, ZALV Zalesovo Beam, etc.

8d 14h

SVE	comp-Z,35nm,1.1s	60.23	80	P	P	14 53 27.8	-0.6
TX31	Lajitas Ar. Si	60.23	80	P	P	14 53 27.8	-0.6
TX32	Lajitas Array	60.23	80	I	Amb	14 53 30.5	
TX32	comp-Z,13nm,1.4s						
TXAR	Lajitas Array	60.23	80	P	P	14 53 28.7	+0.3
TXAR	comp-Z,2.0nm,0.6s,baz=291,slow=3.9,SNR=41						
TXAR	comp-Z,1.3nm,0.8s,baz=280,slow=2.9,SNR=5.4						
TXAR	comp-Z,0.3nm,0.4s,baz=69,slow=4.9,SNR=3.9						
RABL	Abilene	60.25	211	P	P	14 53 28.9	+0.5
ABTX	Abilene, Hawle	60.32	74	P	P	14 53 28.2	-0.6
SCHO	Schefferville	60.59	37	P	P	14 53 29.9	-0.4
SCHO	comp-Z,3.9nm,0.5s,baz=306,slow=7.3,SNR=6.5						
D51A	Lot 18 Range I	61.02	50	P	P	14 53 32.3	-1.0
ARU	Arti	61.20	327	I	PP	14 53 35.1	+0.7
ARU	Arti						
ARU	Arti						
ARU	Arti						
ARU	Arti						
ARU	Arti						
CHGO	Chibougamau	61.23	45	P	P	14 53 34.6	+0.2
E51A	C1948 Merrick	61.37	50	P	P	14 53 34.5	-1.2
OUL	Oulu	61.39	347	P	P	14 53 34.0	-1.5
OUL	Oulu						
F51A	comp-Z,8.0nm,1.1s						
U40A	Yellville	61.63	67	P	P	14 53 35.9	-1.6
U40A	Yellville	61.63	67	I	Amb	14 53 36.0	-1.6
JCT	Junction City	61.75	76	P	P	14 53 38.9	+0.3
JCT	Junction City	61.75	76	I	Amb	14 53 34.2	
D53A	Lac Vaciue, Po	61.81	49	P	P	14 53 37.2	-1.4
W39A	Magazine	61.92	68	P	P	14 53 38.6	-1.0
W39A	Magazine	61.92	68	I	Amb	14 53 38.8	-0.8
SFIN	Lafayette	61.94	60	P	P	14 53 38.7	-0.9
SFIN	Lafayette	61.94	60	P	P	14 53 39.2	-0.4
E52A	Mattawa	61.94	50	P	P	14 53 38.4	-1.1
KMI	Kunming	61.97	276	I	PP	14 53 41.8	+1.5
F52A	Sundridge	61.98	51	P	P	14 53 39.2	-0.7
D54A	Lac Fusel, La	62.24	48	P	P	14 53 40.7	-0.9
FCAR	Ozark Folk Cen	62.38	66	P	P	14 53 40.9	-1.7
ALGO	Algonquin Park	62.47	50	P	P	14 53 43.0	-0.1
MIAR	Mount Ida	62.51	68	P	P	14 53 43.1	-0.4
MIAR	Mount Ida	62.51	68	I	Amb	14 53 42.9	-0.5
MIAR	Mount Ida	62.51	68	I	Amb	14 53 43.1	-0.4
E54A	Lac Daplat, Po	62.53	49	P	P	14 53 42.2	-1.2
BORG	Borgarnes	62.62	9	P	P	14 53 43.6	-0.1
BORG	Borgarnes	62.62	9	P	P	14 53 43.6	-0.1
G53A	Haliburton	62.81	51	P	P	14 53 44.7	-0.7
W41B	Gary Mavity, V	62.82	67	P	P	14 53 44.7	-0.8
W41B	Gary Mavity, V	62.82	67	I	Amb	14 53 44.9	-0.6
KLMR	Klimovskoe	62.84	339	eP	PP	14 53 43.7	-1.5
KLMR	Klimovskoe	62.84	339	eP	PP	14 53 41.3	-2.0
KLMR	Klimovskoe	62.84	339	eP	AMP	14 53 43.7	-1.5
KLMR	Klimovskoe	62.84	339	eP	AMP	14 53 49.4	
D55A	Sainte-Anne-du	62.88	48	P	P	14 54 11.4	-1.9
J40Y	Jayapura	62.97	223	P	P	14 53 47.5	+0.8
XAY	Basin Creek Fa	62.97	68	P	P	14 53 45.5	-1.1
HNR	Honiara	63.19	201	P	P	14 53 49.5	+1.4
HNR	Honiara	63.19	201	P	P	14 53 49.5	+1.4
D56A	ZEC Mazanza, M	63.19	47	P	P	14 53 46.8	-1.0
E56A	St. Veronique	63.44	48	P	P	14 53 48.4	-1.1
SUF	Sumiainen	63.60	346	P	P	14 53 49.9	-0.3
D57A	Chemin Vers le	63.61	47	P	P	14 53 49.2	-1.4
G55A	Calabogie	63.62	50	P	P	14 53 49.7	-1.0
E57A	Chemin Saint G	63.95	47	P	P	14 53 51.8	-1.0
D58A	Chemin du LacG	64.00	46	P	P	14 53 52.0	-1.1
SLVN	Son La	64.05	272	P	P	14 53 54.2	+0.4
O51A	Pataskala	64.47	57	P	P	14 53 55.5	-0.8
WVT	Waverly	64.61	63	P	P	14 53 56.3	-0.9
FINES	FINESS Array B	64.82	346	P	P	14 53 57.1	-1.1
FINES	FINESS Array B	64.82	346	P	P	14 54 25.4	-1.0
FINES	FINESS Array B	64.82	346	P	P	15 22 42.0	
OXF	Oxford	64.91	66	P	P	14 53 58.5	-0.7
FRU1	Bishkek	64.98	308	P	P	14 54 00.2	+0.6
FRU1	Bishkek	64.98	308	P	P	14 54 00.2	+0.6
FRU1	Bishkek	64.98	308	P	P	14 53 58.6	-1.0
D60A	Saint Jean D'O	65.00	45	P	P	14 53 58.4	-1.2
J56A	Wolcott	65.03	51	P	P	14 53 58.9	-1.0
LONY	Lake Ozonia	65.10	49	P	P	14 53 58.9	-1.4
D61A	St Aubert, Com	65.10	44	P	P	14 53 59.4	-0.9
AAK	Ala-Archa	65.17	308	eP	P	14 54 01.9	+0.3
AAK	Ala-Archa	65.17	308	P	P	14 54 01.9	+0.3

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E60A	Ze Agathe de	65.19	46	P	P	14 53 59.9	-1.0
K56A	Middlesex	65.24	52	P	P	14 54 00.9	-0.4
CLTN	Cleary of Leba	65.46	62	P	P	14 54 02.9	+0.1
L56A	Greenwood	65.55	52	P	P	14 54 03.1	-0.3
L56A	Greenwood	65.55	52	P	I	14 54 03.3	0.0
K57A	Scipio Center	65.61	51	P	P	14 54 03.0	-0.6
I58A	Old Forge	65.62	50	P	P	14 54 03.0	-0.7
MOQ	Mont Orford	65.64	47	P	P	14 54 02.9	-1.0
L5A	Lhasa	65.64	287	P	P	14 54 05.6	+1.0
L5A	Lhasa	65.64	287	P	I	14 54 05.6	+1.0
D62A	Allapoint, All	65.68	44	P	P	14 54 03.4	-0.7
ZAIG	Zacagates	65.69	84	P	P	14 54 04.6	-0.2
J58A	Remsen	65.72	50	P	P	14 54 04.2	-0.1
M56A	Emporium	65.73	53	P	P	14 54 04.3	-0.2
E62A	Clanton Lake	65.84	44	P	P	14 54 04.4	-0.7
G61A	St-Isidore-de-	65.99	47	P	P	14 54 05.1	-0.9
L57A	Andrews Acres	66.00	52	P	P	14 54 05.4	-0.7
J59A	Piesco	66.01	50	P	P	14 54 05.3	-1.0
D63A	Stockholm	66.12	43	P	P	14 54 06.2	-0.7
F62A	Pittston Farm,	66.21	45	P	P	14 54 06.7	-0.7
AKTO	Aktyubinsk	66.21	323	P	P	14 54 06.9	-0.5
M57A	Sunshine Farm,	66.36	53	P	P	14 54 08.0	-0.5
L58A	Harry Jones Me	66.45	51	P	P	14 54 08.4	-0.6
G62A	West of Eustis	66.48	46	P	P	14 54 08.0	-1.2
SSPA	Standing Stone	66.51	54	P	P	14 54 08.5	-0.9
Q55A	Buckhannon	66.64	56	P	P	14 54 09.2	-1.1
TZTN	Tazewell	66.64	60	P	P	14 54 09.6	-0.8
M58A	Price's Panora	66.66	52	P	P	14 54 09.6	-0.9
J60A	Lant Hill Farm	66.69	49	P	P	14 54 09.7	-0.8
H62A	Milan	66.71	47	P	P	14 54 09.6	-1.0
E64A	Bridgewater	66.73	44	P	P	14 54 09.8	-0.9
KK31	Karatay Array	66.73	311	i	P	14 54 10.6	-0.2
KK31	Karatay Array	66.73	311	P	I	14 54 10.6	-0.2
KKAR	Karatay Array	66.73	311	P	P	14 54 10.6	-0.2
KKAR	Karatay Array	66.73	311	P	PP	14 54 10.6	-0.2
KKAR	Karatay Array	66.73	311	I	Amb	14 54 11.5	
L59A	Walton	66.73	51	P	P	14 54 09.8	-1.0
R54A	Victor	66.77	57	P	P	14 54 10.4	-0.8
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	PP	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P	P	14 54 15.3	+4.0
KSH	Kashi	66.78	305	P	P	14 54 45.3	+5.5
KSH	Kashi	66.78	305	P	PP	14 56 46.9	+7.6
KSH	Kashi	66.78	305	P	S	15 02 56.2	+2.1
KSH	Kashi	66.78	305	P			

Table with 4 columns: Station Name, Frequency, Power, and SNR. Includes stations like Stephens Creek, Torodi Ar. Bea, and BOSA.

NEIC 08 15:49:39.6, 3.2, 21.21S, 0:04:68.92W, 0:08, h118km, 4km, Error ellipse: s-maj=10.7km, s-min=6.2km, az=99.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

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Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

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Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

comp=Z, 0.8nm, 0.7s, baz=324, slow=3.5, SNR=9.8

IDC 08 16:04:16.9, 0.7, 20.63S, 70:41W, h0km, mb4.4/9, mb1 4.5/13, mb1mx2.2/47, mbtmp4.4/13, ML4.1/3, MS3.9/13, Ms1 3.9/13, ms1mx3.7/22, Error ellipse: s-maj=21.2km, s-min=16.8km, az=52.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes Punta Patache, Diego Aracena, TA01, TA01.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes TA01, TA02, TA02, TA02.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IPOC Station P, IPOC Station P, IPOC Station P.

Table with 4 columns: Station Name, Frequency, Power, and SNR. Includes PTGA, PTGA, PEXB, BSCB, MABLE, MABTE, JANB, ROSC, SDBA, RUSC, RIB01, BAUV, BAUV.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes GDU01, DABV, DABV, DABV.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RCBR, RCBR, RCBR, RCBR.

JMA 08 16:05:10.9, 0.1, 23.82N, 122:47E, h30km, M2.3, TAP 08 16:05:10.4, 23.80N, 122:51E, h1km, ML3.0, D

ISC 08 16:05:09.4, 1.3, 23.74N, 122:52E, 0:02, h21km, 4km, n72, 0:67/124, Taiwan region

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JYNG, YOJ, YOJ, YOJ.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KMI Kunming, ULN Ulanbaatar, PSZ Piszkesteto, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PSZ Piszkesteto, ARCES ARCESS Array S, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EANR 'Ain N'Sour, EMUR La Murta, etc.

ADC 08 18:55:50.1z1.16, 12:31'N-87:75'W, h0km, mb3.7/5, m1 3.9/7, mb1mx3.7/40, mbtrmp3.6/7, MLJ2.9/2, MS3.1/2, Ms1 3.1/2, ms1mx2.5/33, Error ellipse: s-maj=48.93km s-min=19.8km az=44.0

UCR 08 18:55:52.7z1.0, 11:95'N-88:18'W, h68km, 42km, ML3.3, mb4.1 (NEIC)

SNET 08 18:55:52.5z1.1, 11:92'N-88:19'W, h32km, 63km, ML3.3

NEIC 08 18:55:56.3z1.12, 12:15'N-0:08:87.76W, 0.06, h67km, 96km, mb4.1/15, Error ellipse: s-maj=14.7km s-min=2.6km

INET 08 18:55:57.1z1.12, 16'N-87:76'W, h63km, ML3.7

ISC 08 18:55:57.1z1.6, 11:39'N-0:06:88.06W, 0.05, h31km, 11km, n63.1, 125/80, mb4.2/12, Off coast of central America

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CRIN San Cristobal, JUCU Jucuarjn, etc.

ARMA Armidale	28.05 165	P	P	20 15 53.3 +1.3
ARMA Armidale	28.05 165	I Amb	I Amb	20 15 52.5 +0.5
CMSA Cobar Meteorol	28.13 176	P	P	20 15 54.2 +1.6
TGY Tagaytay City	28.16 308	P	P	20 15 54.4 +0.2
STKA Stephens Creek	28.42 183	P	P	20 15 55.8 +0.6
STKA Stephens Creek	28.42 183	P	P	20 15 55.1 -0.1
STKA Stephens Creek	28.42 183	P	P	20 15 55.4 +0.1
STKA Stephens Creek	28.42 183	P	P	20 15 56.0 +0.8
STKA Stephens Creek	28.42 183	P	P	20 15 55.1 -0.1
STKA Stephens Creek	28.42 183	P	P	20 15 55.5 -1.9
STKA Stephens Creek	28.42 183	P	P	20 15 58.0
PSA00 Pilbara Seismi	29.12 230	P	I Amb	20 16 01.1 -0.5
DZM Mont Dzumac	29.16 132	P	P	20 16 01.8 -0.2
DZM Mont Dzumac	29.16 132	eP	P	20 16 02.2 +0.2
DZM Mont Dzumac	29.16 132	eLR	LR	20 23 30.0
DZM Mont Dzumac	29.16 132	I Amb	I Amb	20 16 01.9 -0.1
BBOO Buckleboo	30.09 192	P	P	20 16 10.5 +0.5
BBOO Buckleboo	30.09 192	P	P	20 16 10.2 +0.2
BBOO Buckleboo	30.09 192	P	P	20 16 11.8 +0.7
JCJ Fort	30.21 358	P	P	20 16 10.9 +0.9
JCJ Fort	30.21 358	P	P	20 16 17.7 +0.9
FORT Forrest	30.85 206	P	P	20 16 17.6 +0.9
FORT Forrest	30.85 206	P	P	20 16 20.7 +1.2
SBUM Sibiu	31.61 280	P	I Amb	20 16 23.6 0.0
SBUM Sibiu	31.61 280	P	T	20 16 25.0
H11S3 WAKE ISLAND Hy	31.64 46	T	T	20 49 30.8
H11S2 WAKE ISLAND Hy	31.65 46	T	T	20 49 30.8
H11S1 WAKE ISLAND Hy	31.66 46	T	T	20 49 31.5
CAN Canberra	32.25 171	P	P	20 16 30.5 +1.5
CAN Canberra	32.25 171	I Amb	I Amb	20 16 30.5 +1.5
CAN Canberra	32.25 171	P	P	20 16 31.5
CNB Canberra Magne	32.30 171	P	P	20 16 31.2 +1.7
MEEK Meekatharra	33.10 223	P	P	20 16 36.5 -0.2
ARPS Mount Arapiles	33.29 182	P	P	20 16 39.5 +1.4
KSM Kuching	33.34 278	P	P	20 16 38.5 -0.4
KSM Kuching	33.34 278	P	P	20 16 39.0
GIRL Giralda	34.08 233	P	P	20 16 45.7 +0.5
GIRL Giralda	34.08 233	P	P	20 16 46.5 +1.3
TOO Toolangi	34.12 177	P	P	20 16 47.7 +2.4
TOO Toolangi	34.12 177	P	P	20 16 46.8 +1.5
TOO Toolangi	34.12 177	P	P	20 16 46.8 +1.5
TOO Toolangi	34.12 177	P	P	20 16 46.8 +1.5
YULB Yu-li	34.16 322	P	P	20 16 47.0 +1.2
KMBL Kambalda	34.41 214	P	P	20 16 48.1 +0.1
TPUB Ta-pu	34.51 321	P	I Amb	20 16 47.4 -1.4
SSLB Suanglung	34.67 322	P	I Amb	20 16 49.8 -0.5
SSLB Suanglung	34.67 322	I Amb	I Amb	20 17 06.4
YHNB Yeheng	35.08 324	P	P	20 16 54.3 +0.4
CISI Cisompet, Garu	35.57 262	P	I Amb	20 16 57.2 -1.0
CISI Cisompet, Garu	35.57 262	I Amb	I Amb	20 17 14.9
MORW Morawa	36.41 223	P	P	20 17 05.3 +0.1
MORW Morawa	36.41 223	I Amb	I Amb	20 17 04.2 -0.9
MORW Morawa	36.41 223	I Amb	I Amb	20 17 07.5
JHJ Hachijo jima 2	36.42 355	LR	LR	20 28 57.0
MSVF Nonsavu	36.92 115	I P	P	20 17 09.1 -0.7
MSVF Nonsavu	36.92 115	P	P	20 17 09.7 0.0
MSVF Nonsavu	36.92 115	P	P	20 17 09.9 0.0
BLDU Kellerberrin	36.98 218	P	P	20 17 09.8 -0.3
JNU Nakatsue	38.13 343	P	P	20 17 19.4 -0.4
JNU Nakatsue	38.13 343	P	P	20 17 20.0 +0.2
JNU Nakatsue	38.13 343	P	P	20 17 20.6 +0.3
HKPS Hong Kong Po S	38.23 313	P	I Amb	20 17 20.9 +0.3
HKPS Hong Kong Po S	38.23 313	I Amb	I Amb	20 17 22.9
NWAO Narrogin (SRO)	38.23 217	P	P	20 17 20.9 +0.3
NWAO Narrogin (SRO)	38.23 217	P	P	20 17 20.2 -0.4
NWAO Narrogin (SRO)	38.23 217	I Amb	I Amb	20 17 20.4 -0.2
NWAO Narrogin (SRO)	38.23 217	I Amb	I Amb	20 17 23.2
NWAO Narrogin (SRO)	38.23 217	I Amb	I Amb	20 17 20.4 -0.2
NWAO Narrogin (SRO)	38.23 217	I Amb	I Amb	20 17 23.2
MDSI Maura Dua	39.06 267	P	P	20 17 27.1 -0.7
MOO Moorlands	39.08 175	P	P	20 17 30.1 +2.6
TAU Tasmania Unive	39.55 175	P	P	20 17 33.0 +1.6
TAU Tasmania Unive	39.55 175	I Amb	I Amb	20 17 33.0 +1.6
TAU Tasmania Unive	39.55 175	I Amb	I Amb	20 17 34.4
LHSI Lahat	39.71 268	P	P	20 17 33.9 +0.7
QIZ Qiongzong	39.73 305	P	P	20 17 32.7 -0.6
QIZ Qiongzong	39.73 305	P	P	20 17 32.5 -0.8
QIZ Qiongzong	39.73 305	P	P	20 17 32.7 -1.0
QIZ Qiongzong	39.73 305	P	P	20 17 34.0
MJAR Matsuhiro	39.77 354	P	P	20 17 33.2 -1.8
MAJO Matsuhiro	39.77 354	I P	P	20 17 32.9 -2.1
MAJO Matsuhiro	39.77 354	P	P	20 17 33.4 -1.6
MAT Matsuhiro	39.77 354	eS	S	20 23 38.8 +0.2
MJ9B Matsu-Tunnel	39.98 354	P	P	20 17 33.4 -1.7
KRJI Kerinci	41.82 271	P	P	20 17 52.1 +1.3
SDSI Sungai Dareh	41.92 272	P	P	20 17 52.1 +0.6
NJ2 Nanjing	42.18 328	eP	P	20 17 54.9 +1.6

NJ2 Nanjing	42.18 328	pmax	pmax	20 17 53.1 -0.5
TJN Tajon	42.24 341	I P	P	20 17 55.6 +0.2
BKNI Bangkok	42.41 274	P	P	20 17 53.2 -2.2
BKNI Bangkok	42.41 274	P	P	20 17 53.2 -2.2
IPM Iphoh	42.96 280	P	P	20 18 00.0
IPM Iphoh	42.96 280	P	P	20 17 58.6 -1.3
KSRS Korea Array	43.04 342	P	P	20 18 00.6 +0.4
KSRS Korea Array	43.04 342	PcP	PcP	20 19 51.5 +1.4
KSRS Korea Array	43.04 342	LR	LR	20 33 52.5
KSRS Korea Array	43.04 342	LR	LR	20 33 52.5
KS19 Kullim	43.10 342	P	P	20 17 59.1 -1.6
KULM Kullim	43.47 281	P	P	20 18 01.9 -2.1
INCN Incheon	43.48 341	P	P	20 18 02.9 -0.9
INCN Incheon	43.48 341	pmax	pmax	20 18 02.9 -0.9
INCN Incheon	43.48 341	P	P	20 18 02.9 -0.9
WHN Wuhan	43.60 323	P	P	20 18 06.4 +1.6
WHN Wuhan	43.60 323	pmax	pmax	20 18 06.4 +1.6
MNSI Mandalay Nat	43.91 275	P	P	20 18 07.4 -0.2
RPSI Rantau Prapat	44.77 277	P	P	20 18 13.6 -0.9
PSI Prapat	44.79 277	P	P	20 18 13.7 -1.0
PSI Prapat	44.79 277	P	P	20 18 13.6 -1.1
PSI Prapat	44.79 277	pmax	pmax	20 18 13.6 -1.1
ERM Erimo	45.15 360	I P	P	20 18 15.5 -1.5
ERM Erimo	45.15 360	pmax	pmax	20 18 15.5 -1.5
ERM Erimo	45.15 360	P	P	20 18 15.6 -1.3
HIZ Huiti	45.30 145	P	P	20 18 19.6 +1.3
QRZ Quartz Range	45.65 149	P	P	20 18 23.8 +2.7
SLVN Son La	45.72 304	P	P	20 18 22.2 +0.2
GSI Gunungsitoli	45.95 275	I Amb	I Amb	20 18 21.9 -2.0
KCSI Kotacane, Aceh	46.02 278	P	P	20 18 23.2 -1.2
GYA Guiyang	46.19 312	P	P	20 18 27.4 +1.7
GYA Guiyang	46.19 312	sP	sP	20 18 35.0 +0.2
PKBT Sadao Pong	46.28 297	P	P	20 18 24.6 -1.7
TIA Tai'an	46.34 330	P	P	20 18 26.8 +0.2
ENH Enshi	46.50 318	I Amb	I Amb	20 18 27.9 -0.1
ENH Enshi	46.50 318	I Amb	I Amb	20 18 29.8
TUWZ Tuamaring	46.83 148	P	P	20 18 30.1 -0.1
DCZ Deep Cove	46.86 157	I Amb	I Amb	20 18 31.1 +0.7
DCZ Deep Cove	46.86 157	I Amb	I Amb	20 18 33.0
RPZ Rata Peaks	47.11 153	I Amb	I Amb	20 18 33.7 +1.2
RPZ Rata Peaks	47.11 153	I Amb	I Amb	20 18 48.1
SNZO South Karori	47.15 148	P	P	20 18 34.4 +1.7
MLZ Mavora Lakes	47.16 156	P	P	20 18 33.7 +0.9
LBZ Lake Benmore	47.24 154	I Amb	I Amb	20 18 34.1 +0.6
LBZ Lake Benmore	47.24 154	I Amb	I Amb	20 18 37.2
JKA Kamikawa-asahi	47.26 359	P	P	20 18 32.5 -1.0
ASAJ Asahikawa	47.26 359	P	P	20 18 33.3 -0.3
ASAJ Asahikawa	47.26 359	pmax	pmax	20 18 32.5 -1.0
BHW Baring Head	47.30 148	P	P	20 18 34.0 0.0
VLA Vladivostok	47.39 349	I P	P	20 18 34.8 +0.2
WHZ Wether Hill Ro	47.52 157	I Amb	I Amb	20 18 35.3 -0.3
WHZ Wether Hill Ro	47.52 157	I Amb	I Amb	20 18 37.7
NIUE Niue	48.27 113	P	P	20 18 40.3 +1.1
USRK Ussuriysk Arra	48.41 349	P	P	20 18 42.5 0.0
USRK Ussuriysk Arra	48.41 349	LR	LR	20 36 48.2
USAOB Ussuriysk Arra	48.41 349	I P	P	20 18 42.7 +0.2
USAOB Ussuriysk Arra	48.41 349	I P	P	20 18 41.9 -0.6
USAOB Ussuriysk Arra	48.41 349	I Amb	I Amb	20 18 43.9
KMI Kunning	48.48 308	I P	P	20 18 45.5 +1.8
KMI Kunning	48.48 308	sP	sP	20 18 53.4 +0.6
KMI Kunning	48.48 308	pmax	pmax	20 18 58.5 +2.1
KMI Kunning	48.48 308	pmax	pmax	20 18 44.7 +1.1
KMI Kunning	48.48 308	P	P	20 18 44.7 +1.1
CM31 Chiang Mai Arr	48.77 298	P	P	20 18 46.0 +0.3
CM31 Chiang Mai Arr	48.77 298	P	P	20 18 46.6 +0.8
CMAR Chiang Mai Arr	48.77 298	PcP	PcP	20 20 12.0 +1.5
CMAR Chiang Mai Arr	48.77 298	LR	LR	20 40 49.1
CMAR Chiang Mai Arr	48.77 298	I P	P	20 18 46.5 +0.8
CMAR Chiang Mai Arr	48.77 298	pmax	pmax	20 18 46.5 +0.8
CHTO Chiang Mai	48.90 298	P	P	20 18 46.8 +0.1
CHTO Chiang Mai	48.90 298	pmax	pmax	20 18 46.8 +0.1
CHTO Chiang Mai	48.90 298	I Amb	I Amb	20 18 46.8 +0.1
CHTO Chiang Mai	48.90 298	I Amb	I Amb	20 18 48.6
CHTO Chiang Mai	48.90 298	PcP	PcP	20 20 12.1 +1.2
MDJ Mudanjiang	49.31 347	P	P	20 18 54.6 -3.9
MDJ Mudanjiang	49.31 347	pP	pP	20 26 00.4 +6.6
MDJ Mudanjiang	49.31 347	P	P	20 18 49.0 -0.4
XAN Xi'an	49.33 322	P	P	20 18 50.0 +0.2
XAN Xi'an	49.33 322	pmax	pmax	20 18 49.6 -0.2
XAN Xi'an	49.33 322	P	P	20 18 49.6 -0.2
XAN Xi'an	49.33 322	P	P	20 18 49.6 -0.2
XAN Xi'an	49.33 322	P	P	20 18 51.4 -0.3
BJT Baijiatau	49.83 333	P	P	20 18 53.8 +0.4
BJT Baijiatau	49.83 333	pmax	pmax	20 18 53.8 +0.4
BJT Baijiatau	49.83 333	I Amb	I Amb	20 18 53.0
BJT Baijiatau	49.83 333	I Amb	I Amb	20 18 53.0
BJI Beijing	49.84 333	P	P	20 18 53.9 +0.4
BJI Beijing	49.84 333	pmax	pmax	20 18 53.9 +0.4
BJI Beijing	49.84 333	LR	LR	20 20 42.5
BJI Beijing	49.84 333	LR	LR	20 20 42.5
YSS Yuzh-Sakhalins	50.09 360	I P	P	20 18 55.4 +0.1
YSS Yuzh-Sakhalins	50.09 360	P	P	20 18 54.7 -0.5
YSS Yuzh-Sakhalins	50.09 360	pmax	pmax	20 19 02.2 +1.1
CD2 Chengdu	50.81 315	I P	P	20 18 54.7 -0.5
CD2 Chengdu	50.81 315	pmax	pmax	20 19 02.2 +1.1
CD2 Chengdu	50.81 315	LR	LR	20 20 44.8 +0.9
CD2 Chengdu	50.81 315	LR	LR	20 20 50.5
CD2 Chengdu	50.81 315	LR	LR	20 20 45.4 +1.6

HHC Hu-ho-hao-te	52.69 330	eP	P	20 19 15.6 +0.6
HHC Hu-ho-hao-te	52.69 330	pmax	pmax	20 19 15.6 +0.6
KLR Kul'dur	53.32 351	P	P	20 19 19.3 -0.1
KLR Kul'dur	53.32 351	PcP	PcP	20 20 26.9 +0.3
KLR Kul'dur	53.32 351	P	P	20 19 19.3 -0.1
KLR Kul'dur	53.32 351	P	P	20 19 19.3 -0.1
LZH Lanzhou	53.83 320	eP	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	sP	sP	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	pP	pP	20 19 31.1 -3.3
LZH Lanzhou	53.83 320	pmax	pmax	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	P	P	20 19 31.1 -3.3
LZH Lanzhou	53.83 320	P	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	P	P	20 19 31.1 -3.3
LZH Lanzhou	53.83 320	P	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	P	P	20 19 31.1 -3.3
LZH Lanzhou	53.83 320	P	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	P	P	20 19 31.1 -3.3
LZH Lanzhou	53.83 320	P	P	20 19 25.0 +1.4
LZH Lanzhou	53.83 320	P	P	20 19 28.9 -3.9
LZH Lanzhou	53.83 320	P	P	20 19 31.1 -3.3

8d 20h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Piuthan, ATKA, YAK, YAKUTSK, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TDK, MDOK, MDOH, TNS, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAS, RDOG, RSO, etc.

SCRK	Sand Creek	85.48	25	P	P	20 22 37.6	-0.3
YAH	Yahste	85.50	29	I	I	20 22 38.7	+0.4
BAH	comp-Z,20nm,0.8s			I	I	20 22 40.4	
YARN	Barnard Gable	85.71	28	P	P	20 22 39.3	0.0
TABL	Table Mountain	85.80	29	P	P	20 22 40.2	+0.5
TABL				I	I	20 22 41.7	
CTGM	comp-Z,43nm,0.8s			P	P	20 22 40.7	+0.8
PCGA	China Gable	85.84	28	P	P	20 22 42.1	+0.8
PCA	Pinnacle	86.15	29	I	I	20 22 43.2	
WSAR	Wadi Sarin	86.43	29	P	P	20 22 42.9	-0.6
QSPA	comp-Z,12nm,0.9s,baz=105,slow=9.8,SNR=5.0					20 22 43.8	+0.3
QSPA	South Pole Qui	86.60	180	P	P	20 22 43.8	+0.3
QSPA	comp-Z,25nm,0.7s,baz=328,slow=1.2,SNR=117					20 26 05.5	+0.2
QSPA	South Pole Qui	86.60	180	P	P	20 22 43.5	0.0
QSPA				I	I	20 22 44.8	
EGAK	Eagle	86.88	25	P	P	20 22 45.1	+0.4
EGAK				I	I	20 22 46.6	
DAWY	comp-Z,21nm,0.9s					20 22 48.2	+0.6
DAWY	Dawson	87.45	25	P	P	20 22 48.2	+0.6
HYT	Haines Junction	87.64	29	P	P	20 22 49.5	+0.9
ABKAR	Abkukul array	88.19	319	P	P	20 22 50.2	-1.1
GEYT	Alibek	88.25	308	P	P	20 22 52.2	+0.2
GEYT	comp-Z,5.8nm,1.0s,baz=132,slow=2.2,SNR=12					21 04 26.2	
GYA0B	ALIBECK ARRAY	88.25	160	P	P	20 22 52.1	+0.2
GYA0B				I	I	20 22 55.6	
SVE	Sverdlövsk	88.77	327	eP	P	20 22 53.4	-0.5
SVE						20 22 54.5	+0.6
JIS	Juneau Island	88.78	32	P	P	20 22 56.1	
JIS				I	I	20 22 56.1	
EPYK	Eagle Plains	89.03	23	P	P	20 22 55.8	+0.8
EPYK	comp-Z,25nm,1.1s					20 22 55.2	+0.2
EPYK	Eagle Plains	89.03	23	P	P	20 22 56.9	
AKTO	Artkyubinsk	89.56	320	P	P	20 22 56.9	-0.9
AKTO	comp-Z,10nm,0.8s,baz=94,slow=5.2,SNR=40					20 22 57.7	-1.2
ARU	Arti	89.86	326	P	P	20 22 57.7	-1.2
ARU	comp-Z,1.2nm,0.7s,baz=129,slow=4.0,SNR=10					21 05 31.2	
ARU	Arti	89.86	326	P	P	20 22 57.8	-1.2
ARU						20 26 31.1	
ARU						20 26 32.3	
ARU						20 33 25.7	-1.8
ARU						20 34 55.8	-2.7
ARU						20 39 45.7	-1.2
ARU	comp-Z,24nm,1.8s					20 22 57.7	-1.2
ARU	Arti	89.86	326	P	P	20 23 01.2	-0.7
INK	Inuvik	90.56	22	P	P	20 23 00.2	-1.8
INK	comp-Z,3.1nm,1.0s,baz=322,slow=5.1,SNR=4.6					20 23 00.2	-1.8
INK	Inuvik	90.56	22	P	P	20 23 00.2	-1.8
INK						20 23 00.2	-1.8
INK	comp-Z,10.0nm,1.3s					20 23 00.1	-1.8
DLBC	Dease Lake	91.08	32	P	P	20 23 04.2	-0.6
DLBC	comp-Z,8.2nm,1.0s,baz=275,slow=5.5,SNR=6.8					20 23 04.2	-0.6
DLBC	Dease Lake	91.08	32	P	P	20 23 04.1	-0.6
SYO	Syowa Base	91.79	2001	eP	P	20 23 05.8	-1.9
SYO	Syowa Base	91.79	2001	eP	P	20 23 09.8	+1.3
SYO	Syowa Base	91.79	2001	eP	P	20 23 14.2	+6.5
SYO	Ambohrotompo	94.74	251	P	P	20 23 22.6	0.0
KIRV	Kirov	94.88	328	P	P	20 23 21.4	-0.7
KIRV	comp-Z,4.4nm,0.6s,baz=94,slow=6.3,SNR=5.3					21 08 12.1	
D03D	Eldon	94.88	43	P	P	20 23 24.1	+1.6
D03D	comp-Z,187nm,18.4s,baz=64,slow=37					20 23 25.2	+1.7
M04C	Callahan	95.07	49	P	P	20 23 25.3	+1.6
M04C	Lebanon	95.15	46	P	P	20 23 25.3	+1.6
YBH	Yreka Blue Hor	95.18	49	P	P	20 23 24.8	+0.7
YBH						20 23 24.8	+0.7
YBH	comp-Z,12nm,1.2s					20 23 24.8	+0.7
B05A	Bryant	95.54	42	P	P	20 23 26.5	+1.1
J04D	Umpqua Nationa	95.61	47	P	P	20 23 27.6	+1.5
M04C	Macdoel	95.83	49	P	P	20 23 28.6	+1.5
J05D	Fort Rock, OR	96.25	47	P	P	20 23 30.4	+1.4
PINE	Pine Mountain	96.45	46	P	P	20 23 30.6	+0.6
PINE				I	I	20 23 32.3	
K05A	Summer Lake	96.52	48	P	P	20 23 30.3	0.0
K05A				I	I	20 23 32.5	
M05A	Modoc Plateau	96.98	48	P	P	20 23 31.6	-0.8
M05A				I	I	20 23 34.2	
I07A	Izeze	97.48	46	P	P	20 23 33.3	-1.2
I07A				I	I	20 23 36.8	
WVOR	Wild Horse	98.19	48	P	P	20 23 37.0	-0.7
WVOR						20 23 39.8	
WVOR	comp-Z,9.0nm,1.1s					20 23 37.0	-0.7
WVOR	Wild Horse Val	98.19	48	P	P	20 23 37.0	-0.7
WVOR				I	I	20 23 39.8	
J08A	Circle Bar Ran	98.26	47	P	P	20 23 38.3	+0.2
J08A				I	I	20 23 40.1	
YKA	Yellowknife Ar	98.53	27	P	P	20 23 38.9	+0.2
YKA	comp-Z,1.7nm,0.9s,baz=284,slow=5.2,SNR=8.4					20 28 10.3	0.0
YKA						21 04 04.9	
NVAR	Mina Array Bea	98.64	52	P	P	20 23 41.0	+0.9
NVAR	comp-Z,1.4nm,0.8s,baz=264,slow=8.2,SNR=6.9					21 00 54.6	
BMO	Blue Mountains	99.01	45	P	P	20 23 40.9	-0.4
BMO						20 23 40.9	-0.4
BMO	comp-Z,16nm,1.6s					20 23 51.7	
BMO	Blue Mountains	99.01	45	P	P	20 23 51.7	
ZEI	Tsey	99.17	313	eP	P	20 23 39.9	-2.4
AKH	Akhalkalaki	99.57	311	P	P	20 23 42.2	-1.8
AKH						20 23 42.2	-1.8
AKH	comp-Z,7.0nm,1.0s					20 23 42.2	-1.8
AKH	Klimovskoe	99.62	331	eP	P	20 23 39.6	-3.9
AKH						20 23 39.6	-3.9
AKH	comp-Z,18nm,1.5s					20 23 39.6	-3.9
AKH	Klimovskoe	99.62	331	eP	P	20 23 39.6	-3.9
AKH						20 23 43.1	
KBZ	Khabaz	99.83	314	LR	LR	21 10 52.3	
KBZ	comp-Z,86nm,21.8s,baz=60,slow=37					20 23 43.2	-1.6
KBZ	Khabaz	99.83	314	LR	LR	20 23 43.2	-1.6
VRH	Novokhopovorsk	99.86	321	eP	P	20 23 42.6	-2.2
VRH						20 23 42.6	-2.2
KIV	Kislodovsk	99.97	314	eP	P	20 23 44.9	-0.7
KIV						20 23 44.9	-0.7
KIV	comp-Z,12nm,1.1s					20 23 52.5	+1.4
HLUD	Hailey	101.19	46	P	P	20 23 52.5	+1.4
LPSR	Galich'ya Gora	101.38	323	eP	P	20 23 50.0	-1.5
LPSR						20 23 50.0	-1.5
LPSR	comp-Z,10.0nm,1.3s					20 23 50.0	-1.5
VORD	Divnogorie	101.41	321	eP	P	20 23 50.0	-1.2
VORD						20 23 50.0	-1.2
VORD	comp-Z,8.0nm,1.0s					20 23 50.0	-1.2

VSR	Storozhevoje	101.45	322	eP	P	20 23 50.0	-1.9
VSR						20 23 50.0	-1.9
SNAJ	Sanae	101.96	190	P	P	20 23 54.4	+0.5
OBN	Obninsk	102.28	326	eP	P	20 23 55.0	-0.4
OBN						20 23 55.0	-0.4
ARCES	ARCCESS Array B	102.60	341	P	P	20 23 55.8	-0.9
PDAR	Pinedale Array	104.82	47	Pdf	P	20 24 08.3	+0.9
FINES	FINESSE Array B	105.69	334	Pdf	P	20 24 09.8	-0.7
FINES						20 24 09.8	-0.7
FINES	comp-Z,1.5nm,0.7s,baz=64,slow=4.4,SNR=7.7					20 28 22.7	-0.6
BRTR	Reskin Array B	107.23	311	P	P	20 28 27.6	+0.6
AKASO	Malin Array Be	107.69	322	P	P	20 28 27.8	+0.4
AKASO						20 28 27.8	+0.4
SORM	Soroca	108.98	320	P	P	20 28 30.4	+0.4
MLRM	Milestii Mici	109.03	319	P	P	20 28 30.6	+0.6
CFR	Carcaiu	109.96	317	P	P	20 28 32.6	+0.8
MFTB	Mofartar	110.04	316	P	P	20 28 33.5	+1.6
TLBR	Topalu	110.20	316	P	P	20 28 33.3	+1.0
HARR	Harsova	110.24	317	P	P	20 28 32.2	+0.9
HARR	Harsova	110.24	317	P	P	20 28 32.2	+0.9
VRI	Vrincioiaia	110.71	318	P	P	20 28 33.8	+0.5
VRI	Vrincioiaia	110.71	318	P	P	20 28 33.8	+0.5
BIZ	Bleaz	110.80	319	P	P	20 28 34.7	+1.3
BISR	Bisoca	110.82	318	P	P	20 28 34.6	+1.1
NEHR	Nehoiu	111.14	318	P	P	20 28 34.8	+0.7
BURAR	Bucovina Array	111.15	320	P	P	20 28 35.7	+1.5
BURAR	Bucovina Array	111.15	320	P	P	20 28 35.7	+1.5
MLR	Muntele Rosu	111.35	318	P	P	20 28 35.3	+0.7
MLR	Muntele Rosu	111.35	318	P	P	20 28 35.3	+0.7
TXAR	Lajtas Array	111.66	320	P	P	20 28 36.0	+0.3
TXAR						20 28 36.0	+0.3
TXAR	comp-Z,0.6nm,0.8s,baz=225,slow=1.6,SNR=3.8					20 39 39.8	+1.1
TXAR	Lajtas Array	111.66	320	P	P	20 28 36.0	+0.3
VOIR	Vois	111.97	318	P	P	20 28 37.2	+1.5
VOIR						20 28 37.2	+1.5
NOBSAR	NOBSAR Subarra12	111.337	337	P	P	20 28 35.1	-0.4
NOBSAR						20 28 35.1	-0.4
NOBSAR	comp-Z,1.6nm,1.1s,baz=44,slow=1.9					20 28 35.5	0.0
NOBSAR	NOBSAR Array B	111.337	337	P	P	20 28 35.5	0.0
NOBSAR						20 28 35.5	0.0
TRPA	Tarpa	112.66	321	P	P	20 28 37.5	+0.6
ECSD	EROS Data Cent	113.74	43	P	P	20 28 39.2	+0.1
VTS	Vitoshka	114.11	316	P	P	20 28 40.8	+0.8
VTS	Vitoshka	114.11	316	P	P	20 28 40.8	+0.8
BZS	Buzias	114.17	319	P	P	20 28 39.9	+0.1
BZS	Buzias	114.17	319	P	P	20 28 39.9	+0.1
MDVR	Moldovita	114.41	318	P	P	20 28 40.6	+0.3
IDI	Anoyia	114.97	307	P	P	20 28 41.1	-0.6
MORC	Moravsky Berou	114.99	325	P	P	20 28 42.8	+1.5
MORC	Moravsky Berou	114.99	325	P	P	20 28 42.1	+0.8
MORC	Moravsky Berou	114.99	325	P	P	20 28 42.8	+1.5
JAVC	Velka Javorina	115.33	324	eP	P	20 28 43.6	+1.6
OSTO	Ostias	115.39	326	P	P	20 28 43.0	+0.9
VRAC	Vranov	115.76	324	P	P	20 28 43.9	+1.1
VRAC	Vranov	115.76	324	P	P	20 28 43.5	+0.7
VRAC	Vranov	115.76	324	P	P	20 28 43.9	+1.1
DIVS	Divbare	115.81	318	P	P	20 28 43.1	-0.1
FMU	Florina	115.98	324	eP	P	20 28 43.7	+0.5
FNA	Florina	116.03	314	P	P	20 28 42.9	-0.7
BRG	Berggiesshubel	116.50	327	eP	P	20 28 44.7	+0.5
BRG	Berggiesshubel	116.50	327	eP	P	20 28 44.7	+0.5
BRG	comp-Z,2.0nm,1.9s						

MAN 08 20:40:34.7,3.5,37.52S:96.22W,h0km,mb4.5,ML3.4,MS3.2, 1C-2D,Philippine Islands region

IDC 08 20:40:34.7,3.5,37.52S:96.22W,h0km,mb3.7/6, mb1 4.1/6,mb1mx3.9/24,mbtmp3.7/6,MS3.6/10, Ms1 3.6/10,ms1mx3.3/30,Error ellipse: s-maj=99.3km s-min=28.1km az=25.0

ISC 08 20:40:36.3,3.1,37.55S:0.5962W+0.3,h10km,n19, +0550/6,mb3.8/5,MS3.5/9,Southeast of Easter I...

MAN 08 20:51:08.0,9.67N:122.40E,h31km,mb3.6,ML2.3,MS1.8, 1C,Negros

IDC 08 21:05:17.5,1.5,32.72S:178.78W,h0km,mb3.9/2, mb1 4.2/2,mb1mx3.6/30,mbtmp3.9/2,MS3.0/1,Ms1 3.0/1, ms1mx2.6/27,Error ellipse: s-maj=69.4km s-min=41.2km az=2.0, South of Kermadec Islands

IDC 08 21:07:18.5,0.8,55.38S:28.22W,h0km,mb4.1/5, mb1 4.3/6,mb1mx3.9/33,mbtmp4.2/6,ML4.6/1,MS3.6/1, Ms1 3.6/1,ms1mx2.8/23,Error ellipse: s-maj=36.3km s-min=20.0km az=76.0

ASCENSION HYDRM88.19 T T 22 08 43.3

TIF 08 21:09:09.4,42.35N:40.98E,h24km,2km MOS 08 21:09:09.0,0.0,42.46N:41.05E,h3km,MPVA3.5

BATM Batumi 0.92 146 P Op ISC S Nn 20 09 28.2 -0.3

DDA 08 21:14:49.2,37.08N:36.90E,h7km,4km,ML2.5 ISK 08 21:14:49.6,37.20N:36.93E,h6km,ML2.0/8

GAZ Gaziantep 0.25 85 PG Op ISC S Nn 20 14 52.2 -0.5

TIF 08 21:22:26.6,43.63N:44.53E,h5km,1km NORS 08 21:22:30.2,0.0,43.41N:44.37E,h10km,MPVA3.7

BTRK Batakoyurt 0.12 103 Op ISC S Nn 20 23 37.0 0.0

BTLR Delisi 1.69 171 P Op ISC S Nn 21 23 21.6 -0.4

NEIC 08 21:30:04.6,1.6,16.30N:0.05:98.54W+0.03,h26km,8km, Error ellipse: s-maj=7.5km s-min=3.5km az=211.0

PNIG Pinotepa 0.36 101 P Op ISC S Nn 21 30 19.0 +1.1

DDA 08 21:32:51.1,41.92N:46.33E,h17km,ML2.2 TIF 08 21:32:51.7,41.81N:46.35E,h16km

LGD Lagodekhi 0.10 326 P Op ISC S Nn 21 32 55.1 -0.4

BTLR Botlikh 0.92 356 P Op ISC S Nn 21 33 09.9 -0.3

BUJR Buynaksk 1.22 28 P Op ISC S Nn 21 33 15.8 +0.2

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like MOS, OBNS, BR131, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like NEHR, YAK, KLR, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like KKB, PAIG, BZS, etc.

PRA	comp=Z,1µm,12.8s Prague	45.24 306	AMS	AMS	22 21 10.0	FUR	comp=Z,98nm,1.2s,baz=77,slow=7.7 Fürstenfeldbru	47.70 304	eL	L	22 23 14.0	DAG	Danmarks Havn	53.60 343	iP	P	22 02 08.7 -0.1
BRG	comp=Z,800nm,14.0s Grobnik	45.36 300	eP	P	22 01 07.0 +0.4	WTTA	comp=Z,695nm,18.1s Wattenberg	47.71 302	iP	P	22 01 25.5 +0.4	EDMO	Edmundbyers	53.69 315	iP	P	22 02 08.9 +0.1
GROS	Gergasshubel	45.38 307	eP	P	22 01 07.1 +0.6	WTTA	comp=Z,695nm,1.2s,SNR=6.9 Wattenberg	47.71 302	iP	P	22 01 25.4 +0.4	EDMO	Edmundbyers	53.69 315	iP	P	22 02 10.7
BRG	comp=N,108nm,25.6s comp=E,1µm,15.3s comp=Z,1µm,15.1s		S	SS	22 07 48.0 +1.2	WATA	Walderalm	47.73 302	iP	P	22 01 25.2 +0.1	ESY	Stoneypath	53.70 316	eP	P	22 02 10.2 +0.3
BRG	Berggiesshubel	45.38 307	eP	P	22 07 48.1 +0.6	KSM	comp=Z,23nm,1.8s Kuching	47.76 134	P	P	22 01 25.0 -0.4	HPK	Haverah Park	53.78 114	iP	P	22 02 11.2 +0.7
BRG	comp=N,108nm,25.6s comp=E,1µm,15.3s comp=Z,1µm,15.1s		S	SS	22 07 48.0 +1.2	KSM	comp=Z,19nm,0.9s Unterbreizbach	47.83 307	eP	P	22 01 26.4 +0.8	HPK	Petropavlovsk	53.93 47	P	P	22 02 13.0 +1.4
BRG	Berggiesshubel	45.38 307	eP	P	22 07 48.1 +0.6	UBBA	comp=Z,43nm,1.8s,baz=77,slow=7.7 Sartemo	47.92 318	P	P	22 01 27.2 +0.9	PETK	comp=Z,624nm,18.2s,baz=254,slow=39 Petropavlovsk	53.93 47	P	P	22 27 36.9
BRG	comp=Z,46nm,1.4s		S	SS	22 07 48.0 +1.2	ODDI	Odda	47.98 320	eP	P	22 01 30.2 +3.4	PETK	comp=Z,624nm,18.2s,baz=254,slow=39 Broad Law	53.97 316	eP	P	22 02 13.0 +1.4
BRG	comp=N,108nm,25.6s		S	SS	22 07 48.0 +1.2	SQTA	Sankt Quirin	48.00 302	iP	P	22 01 27.0 -0.2	EDI	Edinburgh	54.00 317	eP	P	22 02 12.5 +0.5
BRG	comp=E,1µm,15.3s		S	SS	22 07 48.0 +1.2	HYA	Hoyanger	48.03 322	eP	P	22 01 28.0 +1.0	EDI	Edinburgh	54.00 317	eP	P	22 02 12.5 +0.5
NORES	comp=Z,1µm,15.1s		S	SS	22 07 48.0 +1.2	MOTA	Miosalm	48.04 303	iP	P	22 01 27.2 -0.3	CWF	comp=Z,41nm,0.9s Charwood Fore	54.01 312	eP	P	22 02 12.1 0.0
NORES	NORESS Array B	45.47 321	P	P	22 01 07.5 +0.5	CTI	comp=Z,21nm,1.2s,SNR=6.9 Castel Tesino	48.05 301	P	P	22 01 26.7 -0.9	CWF	Charwood Fore	54.01 312	eP	P	22 02 12.7
NORES	comp=Z,25nm,0.4s		S	SS	22 01 07.5 +0.5	CTI	comp=Z,38nm,1.7s Castel Tesino	48.05 301	P	P	22 01 26.7 -0.9	ELO	Logie Almond	54.10 317	iP	P	22 02 13.1 +0.3
PERS	Pernice	45.58 301	iP	P	22 01 09.1 +1.0	SBUM	Sibu	48.05 131	P	P	22 01 27.3 -0.4	MDO	Dochtour	54.13 319	eP	P	22 02 13.2 +0.3
NB2	NORSAR Subarra	45.61 321	P	P	22 01 08.2 0.0	BLSS	Blasio	48.14 319	eP	P	22 01 29.1 +1.1	EKA	Eskdalemuir Ar	54.18 316	P	P	22 02 13.0 -0.3
NB2	comp=Z,36nm,0.6s,baz=86,slow=7.9 NORSAR Subarra	45.61 321	P	P	22 01 08.2 0.0	RETA	Reutte	48.22 303	iP	P	22 01 29.4 +0.5	ESK	Eskdalemuir	54.21 316	eP	P	22 02 13.7 +0.1
NOA	NORSAR Array B	45.61 321	P	P	22 01 08.1 0.0	FETA	comp=Z,22nm,0.9s,SNR=7.2 Feichten	48.37 302	iP	P	22 01 30.4 +0.2	ESK	Eskdalemuir	54.21 316	eP	P	22 02 14.5
NOA	comp=Z,37nm,0.8s,baz=87,slow=7.7,SNR=130		S	SS	22 01 08.1 0.0	FOO	Floro	48.51 322	eP	P	22 01 31.7 +1.0	ESK	Eskdalemuir	54.21 316	P	P	22 02 13.9 +0.4
NOA	comp=Z,729nm,18.7s,baz=85,slow=57		S	SS	22 20 58.4	BER	Bergen	48.55 321	eP	P	22 01 32.2 +1.2	ESK	Eskdalemuir	54.21 316	P	P	22 02 13.9 +0.4
SOKA	Soboth	45.62 301	iP	P	22 01 09.2 +0.7	MA2	Magadan	48.58 40	iP	P	22 01 31.0 -0.3	ESK	Eskdalemuir	54.21 316	P	P	22 02 15.4 +0.5
FBE	Freiberg	45.74 307	eP	P	22 01 10.2 +0.9	UBR	Ueberuhr	48.59 303	eP	P	22 01 32.3 +0.6	KESW	Keswick, Cumbr	54.40 315	eP	P	22 02 16.6
NA001	NORSAR Array S	45.78 321	eP	P	22 01 09.5 0.0	ASK	Askoy	48.60 321	eP	P	22 01 32.0 +0.6	KESW	Keswick, Cumbr	54.40 315	eP	P	22 02 16.6
NC204	NORSAR Array S	45.81 322	P	P	22 01 08.9 -0.9	ASK	Askoy	48.73 319	eP	P	22 01 34.3 +1.4	MPSI	Mapaga	54.40 125	P	P	22 02 16.6 +1.2
MOA	Molin	45.84 303	iP	P	22 01 10.6 +0.4	FUORN	Offenpass-Fuorn	48.80 302	iAmb	Iamb	22 01 34.5	PET	Petropavlovsk	54.55 47	eS	S	22 02 27.1 +1.1
CLL	Colim	45.88 307	iP	P	22 01 10.6 +0.2	IBBN	Ibbernen	48.83 310	eP	P	22 01 34.3 +0.9	PET	Petropavlovsk	54.55 47	eS	S	22 09 59.8 +5.8
CLL	comp=Z,42nm,1.3s		S	SS	22 03 02.0 +4.3	DAVA	Dantele	48.85 303	iP	P	22 01 34.4 +0.6	EAB	comp=Z,500nm,19.0s Aberfoyle	54.53 317	eP	P	22 02 16.1 +0.2
CLL	comp=Z,20nm,1.3s		S	SS	22 03 30.0	STU	Stuttgart	48.87 305	P	P	22 01 35.4 +1.7	KAC	Aberfoyle	54.59 319	eP	P	22 02 16.7 +0.3
CLL	comp=Z,20nm,1.3s		S	SS	22 07 53.0 -0.9	TNS	Tanus Mts	48.94 307	eP	P	22 01 34.9 +0.6	PGBU	Glenifferbraes	54.73 317	eP	P	22 02 17.8 +0.4
CLL	comp=N,500nm,18.4s		S	SS	22 22 00.0	TNS	comp=Z,16nm,1.2s,baz=77,slow=7.7		eL	L	22 23 03.9	PGBU	Glenifferbraes	54.73 317	eP	P	22 02 18.5
CLL	comp=E,400nm,21.5s		S	SS	22 22 00.0	BUG	Bochum-Universität	49.34 309	eP	P	22 01 38.3 +1.0	CAF	Calviac	54.76 302	eP	P	22 02 17.9 +0.1
CLL	Colim	45.88 307	iP	P	22 01 10.6 +0.2	BFO	Black Forest	49.55 305	P	P	22 01 38.5 -0.5	CAF	Calviac	54.76 302	eP	P	22 02 17.9 +0.1
CLL	comp=Z,42nm,1.3s		S	SS	22 01 10.7 +0.3	BFO	comp=Z,13nm,1.0s		eL	L	22 23 14.6	KPL	Plocton	54.83 319	eP	P	22 02 18.3 +0.4
CLL	comp=Z,42nm,1.3s,baz=77,slow=7.7		S	SS	22 20 27.6	BFO	Black Forest	49.55 305	P	P	22 01 39.4 +0.4	KPL	Plocton	54.83 319	eP	P	22 02 18.8
OSL	Oslo	45.93 320	eP	P	22 01 11.2 +0.5	BFO	Black Forest	49.55 305	P	P	22 01 39.4 +0.4	STRD	Stroud	54.84 311	eP	P	22 02 18.3 +0.2
TBLU	Trondheim	45.95 324	eP	P	22 01 10.9 +0.1	BFO	comp=Z,315nm,21.2s		eL	L	22 23 14.6	STRD	Stroud	54.84 311	eP	P	22 02 18.9
GEC2	GERESS Array S	45.97 304	eP	P	22 01 12.4 +1.1	BFO	Black Forest	49.55 305	P	P	22 01 38.5 -0.5	FLN	La Foliniere	54.92 308	eP	P	22 02 18.1 -0.8
GEC2	comp=Z,45nm,1.0s,baz=77,slow=7.7		S	SS	22 22 08.2	BFO	Black Forest	49.55 305	P	P	22 01 40.4	FLN	La Foliniere	54.92 308	eP	P	22 02 18.1 -0.8
GEC2	comp=Z,708nm,18.1s		S	SS	22 22 08.2	STKI	Sintang	49.57 134	P	P	22 01 42.7 +3.3	RJF	Les Rejaudoux	54.97 303	eP	P	22 02 19.5 +0.2
GERES	GERESS Array B	45.97 304	P	P	22 01 11.8 +0.5	AHRW	Bad Neuenahr-Ahr	49.70 308	eP	P	22 01 41.1 +1.0	RJF	Les Rejaudoux	54.97 303	eP	P	22 02 19.5 +0.2
KHC	Kasperske Hory	45.98 304	eP	P	22 01 12.1 +0.8	MYLM	Myhad Datu	49.82 122	P	P	22 01 41.3 -0.1	HLM1	Long Mynd	54.98 313	iP	P	22 02 19.5 +0.2
KHC	comp=Z,900nm,14.3s		S	SS	22 21 50.0	CDP	Champ du Feu	50.19 305	eP	P	22 01 43.8 -0.1	HLM1	Long Mynd	54.98 313	iP	P	22 02 20.3
KHC	Kasperske Hory	45.98 304	iP	P	22 01 12.2 +0.9	ECH	Echery	50.33 305	P	P	22 01 44.1 -0.8	KMBO	Kilima Mbo	55.00 233	P	P	22 02 21.2 +1.1
KHC	comp=Z,39nm,1.4s		S	SS	22 01 12.2 +0.9	ECH	Echery	50.33 305	P	P	22 01 44.1 -0.8	KMBO	Kilima Mbo	55.00 233	iP	P	22 02 20.7 +0.6
KHC	Kasperske Hory	45.98 304	iAmb	Iamb	22 01 13.5	ECH	Echery	50.33 305	P	P	22 01 44.1 -0.8	KMBO	Kilima Mbo	55.00 233	P	P	22 02 20.3 +0.2
KHC	comp=Z,29nm,1.7s		S	SS	22 01 12.4 +1.0	ECH	Echery	50.33 305	P	P	22 01 46.3	KMBO	Kilima Mbo	55.00 233	P	P	22 02 20.3 +0.2
OBKA	Obir	45.99 301	iP	P	22 01 12.4 +1.0	MEM	Membach	50.34 308	iP	P	22 01 45.2 +0.3	KMBO	Kilima Mbo	55.00 233	P	P	22 02 20.3 +0.2
LJU	Ljubljana	46.12 300	eP	P	22 01 13.8 +1.3	WLF	Walferdange	50.52 307	P	P	22 01 47.7 +1.4	LAWL	Loch Awe, Argy	55.06 317	eP	P	22 02 20.1 +0.4
CRNS	Criul Vrh	46.29 300	eP	P	22 01 14.5 +0.6	WLF	Walferdange	50.52 307	P	P	22 01 47.7 +1.4	LAWL	Loch Awe, Argy	55.06 317	eP	P	22 02 20.9
TANN	Tannenbergsstha	46.40 306	eP	P	22 01 15.4 +0.8	WLF	Walferdange	50.52 307	eP	P	22 01 47.4 +1.1	GALI	Galloway	55.18 316	eP	P	22 02 21.2 +0.6
WET	Wetzell	46.43 305	eP	P	22 01 15.8 +1.0	HINF	Hinterfald	50.64 304	eP	P	22 01 47.1 -0.2	GALI	Galloway	55.18 316	eP	P	22 02 21.6
WET	comp=Z,40nm,1.5s,baz=77,slow=7.7		S	SS	22 22 12.4	HINF	Hinterfald	50.64 304	eP	P	22 01 47.1 -0.2	MONM	Monmouth	55.18 312	eP	P	22 02 20.9 +0.2
NKC	Novy Kostel	46.45 306	eP	P	22 01 16.3 +1.3	SENIN	comp=Z,25nm,1.0s Senin/Sane	50.82 302	iAmb	Iamb	22 01 50.0	MONM	Monmouth	55.18 312	eP	P	22 02 20.9 +0.2
NKC	Novy Kostel	46.45 306	eP	P	22 01 16.3 +1.3	SENIN	comp=Z,24nm,1.4s		eL	L	22 22 00.0	MCH1	Michaelchurch	55.24 312	eP	P	22 02 21.3 +0.2
NKC	Novy Kostel	46.45 306	eP	P	22 01 16.3 +1.3	BCLA	Clavier	50.82 308	P	P	22 01 48.6 0.0	MCH1	Michaelchurch	55.24 312	eP	P	22 02 22.1
NKC	Novy Kostel	46.45 306	eP	P	22 01 16.3 +1.3	HAU	Haudompre	50.91 305	eP	P	22 01 49.0 -0.3	MTLF	Montlieux	55.29 301	eP	P	22 02 21.4 -0.2
NKC	Novy Kostel	46.45 306	eP	P	22 01 16.3 +1.3	HAU	Haudompre	50.91 305	eP	P	22 01 49.0 -0.3	MTLF	Montlieux	55.29 301	eP	P	22 02 21.4 -0.2
WERN	Wernitzgruen	46.48 306	eP	P	22 01 16.1 +0.8	BMRD	Maredsous	51.19 308	P	P	22 01 52.1 +0.9	IOMK	Kirk Michael	55.31 315	iP	P	22 02 22.4 +0.8
GUNZ	Gunzen	46.49 306	eP	P	22 01 16.1 +0.8	GIVF	Givet	51.21 308	eP	P	22 01 51.8 +0.3	IOMK	Kirk Michael	55.31 315	iP	P	22 02 22.8
KONO	Kongsberg	46.52 319	iP	P	22 01 15.3 -0.1	DOU	Dourbes	51.35 308	iP	P	22 01 53.1 +0.6	WIM	Isle of Man	55.41 315	eP	P	22 02 23.1 +0.8
KONO	comp=Z,30nm,1.3s,baz=77,slow=7.7		S	SS	22 01 15.3 -0.1	DOU	Dourbes	51.35 308	iP	P	22 01 53.1 +0.6	YLL	Llanberis	55.49 314	eP	P	22 02 23.1 +0.2
KONO	comp=Z,42nm,0.9s		S	SS	22 01 15.3 -0.1	LPG	La Plagne	51.47 302	eP	P	22 01 54.0 +0.1	WLF1	Llynfaes	55.56 314	eP	P	22 02 24.0 +0.6
KONO	Kongsberg	46.52 319	iP	P	22 01 15.1 -0.3	LPG	La Plagne	51.47 302	eP	P	22 01 54.0 +0.1	WLF1	Llynfaes	55.56 314	eP	P	22 02 24.6
KONO	Kongsberg	46.52 319	iP	P	22 01 16.1 +0.7	LPL	La Plagne	51.48 302	eP	P	22 01 54.0 +0.2	YRC	Rhoscolyn	55.68 314	eP	P	22 02 24.9 +0.8
MYKA	Terra Mystica	46.56 301	iP	P	22 01 15.8 -0.1	LPL	La Plagne	51.48 302	eP	P	22 01 54.0 +0.2	GMM	Mts of Mourne	56.08 315	eP	P	22 02 27.6 +0.5
DOMB	Dombs	46.57 323	eP	P	22 01 16.1 +0.4	BAIF	Baives	51.60 308	eP	P	22 01 54.8 +0.4	RSSB	Rosebush, Pemb	56.26 312	eP	P	22 02 28.7 +0.3
PLN	Plauen	46.57 307	eP	P	22 01 16.6 +0.7	BAIF	Baives	51.60 308	eP	P	22 01						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Purkeypile, Sparvevohn, SKT, TORD, etc.

MOS 08-21:58:20.3:0.0, 42.47N-41.17E, h10km, MPVA2.8, 2C, Western Caucasus

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

JMA 08-22:02:33.4:0.4, 37.18N-144.27E, h53km, M3.5, Off east coast of Honshu

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

MAN 08-22:04:42.0:4.60N:125.62E, h144km, mb4.6, ML3.4, M3.3

NEIC 08-22:04:42.1+2.1, 4.95N:0.09x125.62E:0.04, s-min=6.0km az=178.0

IDC 08-22:04:43.1:0.4, 9.95N:125.62E, h190km, 12km, mb3.2/4, mb1.3/6.9, mb1mx3.3/4.5, mbtmp4.1/9, Error ellipse: s-maj=33.8km s-min=12.7km az=72.0

ISC 08-22:04:42.6:0.7, 4.81N:0.05x125.65E:0.08, h175km, 9km, n25, s166/35, mb3.6/5, 3C, Talaud Islands

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

NEIC 08-22:10:32.5:2.2, 3.15S:0.1x139.39E:0.10, h83km, 10km, mb4.0/7, Error ellipse: s-maj=19.6km s-min=10.8km az=146.0

IDC 08-22:10:32.9:1.3, 2.96S:139.43E, h81km, 16km, mb3.6/9, mb1.3/8.1, mb1mx3.6/3.1, mbtmp4.0/1.1, M3.3/2, Ms1.3/3.2, ms1mx2.9/2.6, Error ellipse: s-maj=24.3km s-min=13.5km az=132.0

DJA 08-22:10:32.5:0.4, 3.54S:13.9E, h83km, 7km, M4.4/5, mb4.5/9, MLV4.3/4

ISC 08-22:10:33.0:0.6, 3.16S:0.07x139.59E:0.08, h100km, n30, s226/32, mb3.8/9, Irian Jaya

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ILAR, Eielson Array, etc.

NEIC 08-22:03:37.6:0.6, 17.8S:0.2x178.17W:0.2, h593km, 11km, mb4.1/4, Error ellipse: s-maj=25.4km s-min=21.9km az=139.0

IDC 08-22:03:37.6:0.6, 17.73S:178.21W, h588km, 73km, mb3.1/8, mb1.3/4.9, mb1mx3.1/2.4, mbtmp4.0/9, Error ellipse: s-maj=47.4km s-min=30.2km az=143.0

ISC 08-22:03:38.1:1.1, 17.7S:0.3x178.2W:0.2, h600km, n15, s107/213, mb3.6/8, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF, DZM, STKA, etc.

ATH 08-22:48:46.0, 38.14N-20.43E, h15km, 2km, ML1.5/1, Error ellipse: s-maj=3.1km s-min=1.8km az=248.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KEF3, KEF4, KEF4, etc.

ATH 08-22:49:02.6, 38.33N-21.71E, h14km, 6km, ML1.0/1, Error ellipse: s-maj=6.4km s-min=1.1km az=70.0, Greece

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

NEIC 08-22:53:34.2:2.21, 0S:0.1x173.26W:0.05, h10km, 1km, mb4.4/7, Error ellipse: s-maj=22.3km s-min=7.6km az=169.0

IDC 08-22:53:34.8:0.8, 20.49S:173.65W, h0km, mb4.1/12, mb2.4/4.13, mb1mx3.6/3.1, mbtmp4.1/1.3, ML3.8/1, Ms1.8/3.3, ms1mx3.2/2.5, Error ellipse: s-maj=30.3km s-min=18.1km az=151.0

ISC 08-22:53:38.1:0.8, 20.65S:0.1x173.6W:0.1, h21km, n29, s181/244, mb4.2/13, Tonga Islands

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

ANF 08 22:57:14.71.6,29.91N;116:43W,h12km,ML4.3/19,
 Error ellipse: s-maj=17.9km s-min=4.4km az=27.0
 IDC 08 22:57:14.41.3,29.81N;116:34W,h0km,m3.8/3.9,
 mb1.4,1/15,mb1mx3.9/4.7,mbtmp3.9/15,ML2.7/8,MS3.9/25,
 Ms1.3.9/25,ms1mx3.8/35,Error ellipse: s-maj=19.6km
 s-min=11.0km az=50.0
 ECX 08 22:57:14.70.7,29.92N;116:36W,h17km,4km,MD4.3,
 ML4.4, Fault plane solution: NP1 ϕ 30.00000",
 δ 90.00000", λ 0.00000"
 NEIC 08 22:57:15.62.5,30.04N;116:30W,0.07,h10km,1km,
 mb4.3/59,ML4.6/14(MEX), Error ellipse: s-maj=10.1km
 s-min=9.0km az=276.0
 MEX 08 22:57:16.01.4,29.95N;116:34W,h4km,MD4.6
 GCMT 08 22:57:18.60.4,29.93N;116:13W,0.02,h26km,1km,
 MW4.9/77, Moment Tensor Solution. s12,c13; s77,c91;
 Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr=0.65±.17;
 Mw=0.34±.13; Mw0.98±.13; Mw0.61±.26; Mw2.0±.11;
 Ms=0.03±.23; Best double couple: Mw2.49200x10¹⁶
 NP1 ϕ 353.00000", δ 73.00000", λ -171.00000". NP2:
 ϕ 260.00000", δ 82.00000", λ -17.00000". Principal axes:
 T: 2.7510, P1g6.0000", Azm308.0000"; N: -0.5170,
 P1g71.0000", Azm555.0000"; P: 2.2330, P1g18.0000"
 Azm216.0000"; nst1 refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 08 22:57:14.01.9,29.99N;116:33W,0.05,h2km,11km,
 n173,c1553/161,mb4.3/21,MS4.0/21,4C-7D,Off west
 coast of Baja California

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time Res	ISC
					h m s	ISC	
SXO	San Quintin	1.70	34j	Op	Pg	22 57 28.6	+1.1
SPX		0.28	35j	Op	Sb	22 57 38.0	-0.1
SPX	San Pedro Mart	1.28	35j	eP	Pn	22 57 37.2	-2.1
SPX				eS	Sg	22 57 55.1	-0.2
SPX				IAML		22 57 55.5	
SPX				je		22 57 57.3	
SPX				IAML		22 57 57.3	
SPX	San Pedro Mart	1.28	35j	eP	Pn	22 57 37.2	-2.1
SPX		1.28	35j	eS	Pn	22 57 54.0	-1.3
SPX	San Pedro Mart	1.29	35j	ip	Pn	22 57 38.2	-1.1
SPX		1.29	35j	eP	Pn	22 57 55.7	+0.2
SPX		1.29	35j	eS	Pn	22 57 38.2	-1.1
SPX	San Pedro Mart	1.29	35j	eS	Sg	22 57 55.0	-0.6
SPX		1.33	31j	eP	Pn	22 57 55.0	-0.6
SPX	San Vicente	1.47	19l	eP	Pn	22 57 38.3	-1.4
SPX	Valle De La Tr	1.47	19l	eS	Pn	22 57 41.0	-0.7
SPX	San Felipe	1.65	50j	eP	Sn	22 58 01.5	0.0
SPX				eS	Pn	22 57 43.2	-0.8
SPX	El Chirero	1.84	36j	eP	Sn	22 58 06.1	+0.4
SPX				eS	Pn	22 57 46.7	+0.1
SPX	Cicese	1.89	351j	eP	Pn	22 58 12.2	+0.3
SPX				eS	Pn	22 57 46.0	-1.4
SPX	CCX			eP	Pn	22 58 10.7	-1.1
SPX	Cerro Bola	2.33	353j	eP	Pn	22 57 53.5	-0.1
SPX				le		22 58 37.4	
SPX				IAML		22 58 37.4	
BAHB	Baha de los	2.41	90j	eP	Pn	22 57 55.6	+1.2
BAHB				eS	Sb	22 58 29.3	+1.2
TJHG	Tijuana	2.45	353j	eP	Pn	22 57 54.9	-0.1
TJHG		2.45	353j	eP	Pn	22 57 54.9	-0.1
ERMX	Rumorsosa	2.57	6j	eP	Sn	22 58 06.2	0.2
ERMX				eS	Sn	22 58 29.4	+0.7
MBIG	Mexicali	2.60	22j	eP	Pb	22 58 00.5	-0.8
MBIG				eS	Pb	22 58 03.0	+1.7
MBIG				eS	Pb	22 58 34.3	+0.7
MBIG	Mexicali	2.60	22j	eP	Pb	22 58 03.0	+1.7
MBIG	In-Ko-Pah, Jac	2.66	4j	eP	Pn	22 57 59.0	+1.1
IKP				S	Sb	22 58 34.3	-1.2
OLP	Olay Lakes Par	2.66	349j	eP	Pn	22 57 57.7	-0.1
BAR	Barrett	2.69	354j	eP	Pn	22 57 58.6	+0.1
MONP2	Monument Peak	2.89	358j	P	Pn	22 58 02.3	+1.0
109C	Camp Elliot, M	2.96	347j	P	Pn	22 58 01.7	-0.4
109C				S	Sn	22 58 39.0	+0.8
109C				S	Sn	22 58 00.8	-1.2
SWSC	Sam W. Stewart	2.98	9j	P	Pn	22 58 02.6	+0.3
GLA	Glamis	3.31	22j	P	Pn	22 58 07.8	+0.9
GLA				Pn	Pn	22 58 07.2	+0.3
SC12	San Clemente I	3.53	328j	S	Sn	22 58 52.6	+0.4
113A	Mohawk Valley,	3.53	38j	Pn	Pn	22 58 10.8	+0.9
214A	Organ Pipe Nat	3.60	56j	Pn	Pn	22 58 11.0	+0.1
214A	Organ Pipe Nat	3.60	56j	eP	Pn	22 58 11.2	+0.3
214A	Organ Pipe Nat	3.60	56j	eP	Pn	22 58 11.2	+0.3
XPFO	Pion Flat	3.61	358j	Pn	Pn	22 58 12.0	+0.9
PFO	Pinyon Flats O	3.61	358j	Pn	Pn	22 58 12.4	+1.3
PFO				comp=N,24nm,0.3s,baz=252,slow=14,SNR=8.4		22 59 00.4	-2.6
PFO	Pinyon Flats O	3.61	358j	Pn	Pn	22 58 11.9	+0.8
PFO				baz=179,SNR=20		22 58 11.5	+0.4
PFO	Murrieta	3.67	349j	P	Pn	22 58 12.3	+0.4
BC3	Big Chucackaw	3.73	11j	Pn	Pn	22 58 14.2	+1.5
CIS	Catalina Islan	3.83	333j	P	Pn	22 58 14.2	+0.1
BELC	Belle Mtn. Jos	4.01	4j	P	Pn	22 58 18.0	+1.4
Y12C	Blythe	4.05	22j	S	Sn	22 58 17.6	+0.5
SNCC	San Nicolas Is	4.24	321j	S	Sn	22 59 08.1	-1.5
SNCC				S	Sn	22 58 19.5	-0.1
SNCC				S	Sn	22 59 08.8	-0.9
BFSC	Mount Baldy Ra	4.38	345j	P	Pn	22 58 22.1	+0.4
PASC	Pasadena Art C	4.45	340j	Pn	Pn	22 58 22.6	0.0
MWC	Mount Wilson	4.47	341j	Pn	Pn	22 58 23.7	+0.8
SRIG	Santa Rosalia	4.47	126j	eP	Pn	22 58 21.0	-1.9
SRIG				Pn	Pn	22 58 24.6	+1.7
HSIG		4.79	100j	eP	Pn	22 58 26.4	-0.8
HSIG		4.79	100j	P	Pn	22 58 27.8	+0.6
HSIG		4.79	100j	P	Pn	22 58 26.1	-1.1
GMRC	Granite Mounta	4.79	100j	P	Pn	22 58 29.7	+2.0
Y14A	Wickenburg	4.84	35j	Pn	Pn	22 58 27.4	-0.7
SC2Z	Santa Cruz Isl	4.88	326j	S	Sn	22 59 24.0	-1.5
EDW2	Edwards Air Fo	5.07	344j	P	Pn	22 58 32.2	+1.0
SBC	Santa Barbara	5.28	328j	S	Sn	22 59 33.3	-2.0
TUC	Tucson	5.29	63j	Pn	Pn	22 58 34.2	+0.1
TUC				Pn	Pn	22 58 35.5	+1.4
W19A	Hualapai Mount	5.29	63j	Pn	Pn	22 58 39.2	+2.0
PKM	Mcperson Peak	5.70	330j	P	Pn	22 58 40.7	+0.8
PKM				S	Sn	22 59 46.4	+0.4
ISA	Isabella, Lake	5.94	343j	P	Pn	22 58 43.9	+0.9
X16A	Lo Mia Camp, P	6.05	42j	Pn	Pn	22 58 46.8	+2.0
MPMC	Manual Prospec	6.13	351j	P	Pn	22 58 47.1	+1.3
SMMC	Simmler	6.14	331j	S	Sn	22 59 57.0	+0.4
FURC	Furnace Creek,	6.47	356j	P	Pn	22 58 51.9	+1.6
CWC	Cottonwood Cre	6.59	348j	P	Pn	22 58 53.3	+1.1
PAGB	Antelope Grade	6.60	331j	P	Pn	22 58 52.0	-0.1
LP1G	La Paz	7.95	136j	LR	LR	23 02 13.9	

comp=N,1um,19.7s,baz=315,slow=38	San Andreas Ge	7.99	329j	Pn	Pn	22 59 13.6	+2.4
SZCU	Shurtz Canyon	8.05	19j	Pn	Pn	22 59 17.3	+5.1
NV11	Mina Array Sit	8.55	350j	Pn	Pn	22 59 23.7	+4.6
NV11	Mina Array Bea	8.57	350j	Pn	Pn	22 59 23.1	+3.7
comp=N,0.3nm,0.3s,baz=172,slow=16,SNR=13				Lg	Lg	23 01 51.8	
NVAR				Lg	Lg	23 02 29.8	
comp=N,374nm,20.9s,baz=162,slow=36				LR	LR	23 29 27.1	
RYN	Ryan	8.80	349j	Pn	Pn	22 59 24.7	+4.7
LENN	Lemitar	8.96	60j	Pn	Pn	22 59 24.9	+0.3
ANMO	Albuquerque	9.69	57j	Pn	Pn	22 59 36.6	+1.9
comp=N,0.2nm,0.3s,baz=180,slow=13,SNR=2.9				Lg	Lg	23 02 22.4	
ANMO				Lg	Lg	23 03 26.4	
comp=N,0.1nm,0.3s,baz=230,slow=20,SNR=1.4				LR	LR	22 59 38.5	+3.8
ANMO				LR	LR	22 59 38.5	+3.8
ANMO	Albuquerque	9.69	57j	eP	Pn	22 59 38.5	+3.8
ANMO	Albuquerque	9.69	57j	Pn	Pn	22 59 45.5	-0.2
PV21	Cone Mtn, Par	10.49	33j	Pn	Pn	22 59 54.5	+5.1
ELK	Elko	10.77	4j	Pn	Pn	23 02 58.2	
comp=N,0.1nm,0.3s,baz=183,slow=11,SNR=7.3				Lg	Lg	23 04 15.1	
ELK				Lg	Lg	23 04 15.1	
comp=N,348nm,21.3s,baz=183,slow=38				LR	LR	22 59 55.4	+2.3
TXAR	Lajitas Array	11.04	90j	Pn	Pn	23 03 04.6	
comp=N,0.4nm,0.3s,baz=264,slow=12,SNR=16				Lg	Lg	23 03 04.6	
TXAR				Lg	Lg	23 03 04.6	
comp=N,0.1nm,0.3s,baz=279,slow=32,SNR=5.0				LR	LR	23 00 22.4	+5.3
YBH	Yreka Blue Hor	12.80	338j	Pn	Pn	23 05 03.8	
YBH				Lg	Lg	23 05 03.8	
comp=N,453nm,20.6s,baz=170,slow=36				LR	LR	23 03 38.3	-2.0
PDAR	Pinedale Array	13.86	21j	Pn	Pn	23 05 38.8	
PDAR				Lg	Lg	23 05 38.8	
comp=N,408nm,20.0s,baz=205,slow=36				LR	LR	23 00 46.5	+1.8
PINE	Pine Mountain	14.26	346j	P	P	23 00 37.3	-0.2
ZAIG	Zacatecas	14.27	117j	Pn	Pn	23 00 35.1	-2.3
I07A	Izee	14.29	351j	Pn	Pn	23 00 44.3	-0.7
JCT	Junction City	14.30	94j	Pn	Pn	23 00 45.6	-0.1
K22A	Casper	14.89	29j	Pn	Pn	23 00 46.0	+0.3
833A	Chaparral WMA,	14.89	92j	Pn	Pn	23 00 45.0	-1.1
YPP	Pitchstone Pla	14.91	16j	Pn	Pn	23 00 49.6	-2.9
YHH	Holmes Hill	15.19	15j	Pn	Pn	23 00 52.0	-2.1
YMP	Mirror Lake Pl	15.17	17j	Pn	Pn	23 00 54.2	+0.3
WNOK	Wockia Mounta	15.68	68j	Pn	Pn	23 01 11.7	
DLMT	Dillon	15.62	10j	Iamb	Iamb	23 01 11.7	
comp=N,2.0nm,1.1s				Lg	Lg	23 01 14.8	
F01A	Beach Ranch, E	15.97	358j	Iamb	Iamb	23 01 58.5	-3.2
F10A	Phinny Hill V	16.12	351j	Pn	Pn	23 01 16.3	
F07A				Iamb	Iamb	23 01 01.1	-1.7
435B	Jarrell	16.20					

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SONM, SAMAD, BIDO, SHLS, UZB, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like ARU, AKH, MBAR, MAZI, PETK, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FINES, VNA2, VNA3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, P561 Dayton Farm, Q52A Shelbyville, etc.

ISN 09 00:38:22.9-0.8, 34.22N:45.42E, h14km, mb3.5/6, mb1 3.7/8, mb1mx3.5/34, 27N:45.49E, h20km, ML2.5

TEH 09 00:38:26.6-1.4, 34.27N:45.49E, h20km, ML2.5

ISC 09 00:38:23.9-1.4, 34.17N:0.07-45.32E:0.07, h10km, n11, 11/23/15, Iran-Iraq border region

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

ISC 09 00:40:45.7-1.5, 36.47N:69.48E, h0km, mb3.5/6, mb1 3.7/8, mb1mx3.5/34, 27N:45.49E, h20km, ML2.5

NNC 09 00:40:52.5-6.0, 36.97N:69.44E, h0km, mb4.1, mpv4.0, Error ellipse: s-maj=55.5km s-min=37.7km az=154.0

ISC 09 00:45:52.7-1.1, 34.16N:0.05-45.40E:0.05, h10km, n21, 11/24/25, mb3.5/7, D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayasha, KK31 Karatay Array, UCH Uchtor, etc.

ISN 09 01:15:50.6-0.4, 34.20N:45.43E, h14km, mb3.5/6, mb1 3.7/8, mb1mx3.5/34, 27N:45.49E, h20km, ML2.5

TEH 09 01:15:50.6-1.1, 34.16N:0.05-45.40E:0.05, h10km, n26, 11/27/28, Iran-Iraq border region

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

Table with columns: IKOM Komasi, IKOM IBZA, IKFM Katar-mosalman, etc. Includes station names and coordinates.

NEIC 09 01:22:49.3-1.6, 1.84S:0.06-100.41E:0.10, h67km, 6km, mb4.4/11, Error ellipse: s-maj=15.0km s-min=7.6km az=65.0

DJA 09 01:22:50.2-0.3, 2.53S:10.01E, h61km, 6km, MB4.4/18, mb4.6/4, MLV4.3/18

IDC 09 01:22:52.4-3.5, 1.63S:100.64E, h84km, 31km, mb3.8/13, mb1 3.9/15, mb1mx3.7/43, mbtmp4.2/15, MS3.3/4, Ms1 3.3/4, ms1mx3.0/27, Error ellipse: s-maj=26.6km s-min=12.6km az=53.0

ISC 09 01:22:48.5-0.5, 1.84S:0.04-100.39E:0.05, h56km, n62, 11/25/25, mb4.4/18, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, SDSI Sungai Dareh, etc.

H0S2 Diego Garcia H 28.38 257 T T 01 57 29.3

H0S3 Diego Garcia H 28.39 257 T T 01 57 36.1

H0S1 Diego Garcia H 28.40 257 T T 01 57 45.9

H01W3 Cape Leeuwijn H 35.28 160 T T 02 06 26.4

H01W2 Cape Leeuwijn H 35.30 160 T T 02 06 34.3

H01W1 Cape Leeuwijn H 35.30 160 T T 02 06 26.6

XAN Xi'an 36.58 12 P P 01 29 48.6 -0.7

WBO Warramunga Arr 37.71 121 P Iamb Iamb 01 29 57.8 -1.2

WRA Warramunga Arr 37.74 121 P P 01 29 58.7 -0.6

WBE Warramunga Arr 37.75 121 P P 01 29 58.1 -1.2

WRO Warramunga Arr 37.92 121 P Iamb Iamb 01 29 59.6 -1.2

ASAR Alice Springs 39.03 126 P P 01 30 10.4 +0.3

AS31 Alice Springs 39.03 126 P P 01 30 09.2 -1.0

STKA Stephens Creek 46.97 132 P P 01 31 29.4 -0.2

CHGR Chuyangaron 49.51 328 P P 01 31 33.9 +0.1

ARSB Arslanbob 49.66 333 P P 01 31 34.4 -0.5

SOMN Songino Array 49.75 5 P P 01 31 34.2 -1.2

MK31 Makanchi Array 50.98 344 P Iamb Iamb 01 31 44.8 -0.1

MKAR Makanchi Array 50.98 344 P P 01 31 45.2 +0.6

USRK Ussuriysk Arr 53.83 28 P P 01 32 04.3 -1.4

ISC 09 01:34:48.4-0.7, 6.84N:0.03-73.11W:0.03, h159km, 6km, n58, 11/25/24, mb4.1/5, 7C-12D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMC Pampolona, COLO, etc.

OCAC Ocana 1.41 351 eP Pn 01 35 18.3 +0.4

SPBC San Pablo de B 1.52 219 iP Pn 01 35 19.2 +0.3

ZARC Zaragoza, Cauc 1.85 291 eP Pn 01 35 22.5 +0.1

NORC Norcasia 2.16 234 iP Pn 01 35 25.9 0.0

SMLC San Martin de 2.17 334 eP Pn 01 35 26.6 +0.5

CHIC Chingaza 2.28 196 iP Pn 01 35 28.2 +0.5

ROSC El Rosal 2.32 211 P Pn 01 35 30.1 +1.9

ROSC El Rosal 2.32 211 iP Pn 01 35 59.5 +0.6

ROSC El Rosal 2.32 211 Pn Pn 01 35 29.5 +1.3

ROSC Santa Helena 2.49 255 eP Pn 01 35 58.6 -0.2

UREC San Jos de Ur 2.57 291 eP Pn 01 35 31.0 +0.2

SOCC Socops 2.66 57 iP Pn 01 35 32.5 +0.6

GUYC Guyana, Caldas 2.76 235 iP Pn 01 35 34.5 +1.0

VILC Villavicencio, 2.77 192 iP Pn 01 35 33.5 +0.1

PTGC Puerto Galitan, 2.79 160 iP Pn 01 35 33.4 -0.2

PTGC El Recreo 2.94 229 eP Pn 01 36 06.0 -2.5

CBOC Ciudad Bolivar 3.04 252 iP Pn 01 35 37.4 +0.9

DBBC Dabeiba 3.08 274 iP Pn 01 36 10.8 -4.3

TOLC Tolima 3.14 225 eP Pn 01 35 39.4 +1.2

SDV Santo Domingo 3.19 50 P Pn 01 35 39.1 +0.5

SDV Santo Domingo 3.19 50 P Pn 01 35 38.2 -0.4

ARGC Ariguani, Magd 3.21 340 eP Pn 01 35 40.1 +1.4

ANIL Santa Ana 3.26 225 eP Pn 01 35 41.1 +1.4

PRAC Prado 3.57 210 iP Pn 01 35 43.2 -0.2

ORTC Ortega, Tolima 3.60 216 eP Pn 01 35 43.4 -0.4

GJVC San Jacinto, C 3.67 326 eP Pn 01 35 44.1 -0.5

SMRC Santa Marta, M 4.44 346 eP Pn 01 35 55.1 +0.5

MACC Macarena, Meta 4.72 189 iP Pn 01 35 57.2 -1.1

MACC Dabajuro 4.74 31 eS Pn 01 36 49.0 -3.9

ULM Lac du Bonnet 4.78 340 P P 01 43 05.7 -0.1

ULM Lac du Bonnet 4.78 340 P Iamb Iamb 01 43 05.0 -0.7

NEIC 09 01:34:48.3-1.6, 6.84N:0.07-73.06W:0.08, h159km, 6km, mb4.2/5, Error ellipse: s-maj=12.3km s-min=7.8km az=128.0

IDC 09 01:34:48.7-0.7, 6.85N:73.08W, h153km, 14km, mb3.6/4, mb1 3.8/7, mb1mx3.3/33, mbtmp4.1/7, Error ellipse: s-maj=39.5km s-min=7.6km az=132.0

RSNC 09 01:34:49.9-1.1, 6.82N:73.14W, h150km, 4km, ML3.8, Mw4.1

IDC 09 02:10:02.5-1.0, 3.723N:97.85W, h0km, mb1 3.8/5,

mb1mx3.5/45, mbtmp3.5/5, ML3.0/4, Error ellipse: s-maj=12.6km s-min=11.2km az=125.0, NEIC 09:02:10:04.0-0.8, 37:11N:02:97.79W, 0.2, h3km, 4km, MW3.07(SLM), Error ellipse: s-maj=2.7km s-min=2.1km az=45.0, Moment Tensor Solution. Moment tensor: Scale 10^13Nm; Mv:0.69; Mw:1.55; Mo:0.85; Ms:1.52; Mo-1.46; Mw:3.64; Fault plane solution: M4.420000x10^13 NP2: 0.145, 0.00000, 0.825, 0.00000, 1.65, 0.00000. NP2: 0.205, 0.00000, 0.885, 0.00000, 1.65, 0.00000. Principal axes: T 4.2156, P1g4.0, Azm90.0000, Azm90.0000, N 0.0002, Azm316.0000, Azm207.0000; P -4.4158, P1g35.0000, Azm316.0000.

ANF 09:02:10:04.0-1.1, 37:11N:97.86W, h10km, 7km, ML4.3/10 Error ellipse: s-maj=3.5km s-min=2.6km az=61.0 ISC 09:02:10:03.6-0.7, 37:10N:02:97.79W, 0.02, h5km, 7km, n55, c086/73, Kansas

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

Table with columns: FITZ, WRA, WB2, WRD, WRO, AS31, ASAR, TOO, JNU, MK31, MKAR, MAKZ, ZALV, KK31. Lists station codes and their associated data points.

IDC 09:02:12:21.2-1.7, 10:41S:124.67E, h0km, mb4.2/1, mb1 4.3/3, mb1mx3.7/28, mbtmp4.1/3, ML3.9/2, Error ellipse: s-maj=48.4km s-min=22.6km az=22.0, Timor region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Timor region event.

IDC 09:02:30:28.9-0.9, 36:78N:140.45E, h0km, mb3.8/11, mb1 4.0/13, mb1mx3.8/60, mbtmp3.8/13, ML3.7/2, Error ellipse: s-maj=23.0km s-min=16.6km az=165.0

NIED 09:02:30:30.3, 36:84N:140.57E, h4km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Min-4.16; Mw:0.81; Ms:0.97; Mo:2.79; Mw:0.48; Mo:2.65; Fault plane solution: M4.630000x10^14 NP2: 0.151, 0.00000, 0.866, 0.00000, -1.114, 0.00000. NP2: 0.19, 0.00000, 0.834, 0.00000, -1.47, 0.00000.

JMA 09:02:30:40.3, 36:84N:140.57E, h4km, M3.9 Broadband fault plane solution: P waves. NP1: 0.336, 0.00000, 0.842, 0.00000, -1.120, 0.00000. NP2: 0.194, 0.00000, 0.855, 0.00000, -1.66, 0.00000. Principal axes: T P1g7.0000, Azm267.0000, N P1g20.0000, Azm360.0000, P P1g69.0000, Azm158.0000.

JMA Felt II J1, NEIC 09:02:34:1.1, 31.3, 36:78N:0.06:140:52E:0.09, h38km, 6km, mb4.1/2, Error ellipse: s-maj=10.8km s-min=7.8km

ISC 09:02:30:41.0, 36:82N:0.03:140:55E:0.04, h9km, 6km, n42, c1904/47, mb3.8/14, 5C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the eastern Honshu event.

Table with columns: OMMB, PDAR, GERES, TXAR, LPAZ, H03N2, H03N3, H03N1. Lists station codes and their associated data points.

ISK 09:02:34:51.4, 35:55N:126:77E, h9km, ML2.7/10 ATH 09:02:34:51.7, 35:51N:126:80E, h24km, 1km, ML2.8/4, Error ellipse: s-maj=2.8km s-min=1.2km az=160.0 THE 09:02:34:52.2, 35:46N:126:82E, h3km, 1km, ML2.6/7, Error ellipse: s-maj=2.3km s-min=0.5km az=154.0 DDA 09:02:34:55.2, 37:75N:126:79E, h7km, 6km, ML2.2 ISC 09:02:34:52.3, 1.0, 35:55N:0.04:126:78E:0.02, h9km, 9km, n37, c058/55, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Crete event.

THE 09:02:43:12.7, 38:42N:20:44E, h10km, 1km, ML3.1/10, Error ellipse: s-maj=1.6km s-min=0.4km az=94.0

ATH 09 02:43:13.0,38°41'N-20°51'E, h13km, ML2.7/21, Error ellipse: s-maj=1.2km s-min=0.5km az=277.0

ISC 09 02:43:13.2,0.8,38.411N-20.502E,0.03,h10km,4km, n58, e0578/84, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like VASILIKIADES, FSK, ARGSTOLI, etc.

Table with columns: VLX, comp=N,432um,0.7s, AML, AML, 02 44 24.9. Lists stations like LKR, LTK, NEST, etc.

TEH 09 02:52:09.5,36°36'N-54°11'E, h8km, ML3.5

THR 09 02:52:09.7,0.4,36°55'N-54°11'E, h14km,1km, ML3.4

ISC 09 02:52:08.6,1.0,36°33'N-05°54'19E,0.03,h10km,n25, r195/26,Northern and central Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IGLO, ILMR, ISHM, etc.

KRSC 09 03:01:53.8,1.7,51°31'N-157°38'E, h132km,15km, ML4.3

MOS 09 03:01:54.1,0.9,51°40'N-156°89'E, h129km,mb4.0, Error ellipse: s-maj=15.3km s-min=3.9km az=69.5

NEIC 09 03:01:56.2,1.6,51°63'N-156°80'E,0.07, h141km,6km,mb4.19, Error ellipse: s-maj=13.1km s-min=6.4km az=181.0

IDC 09 03:01:57.3,1.0,51°70'N-156°72'E, h149km,9km,mb3.4/11, mb1.3/6.14,mb1mx3.4/36,mbmp3.9/14, Error ellipse: s-maj=23.8km s-min=10.3km az=143.0

ISC 09 03:01:54.4,0.6,51°37'N-157°18E,0.05,h135km,5km, n132,r186/159,mb3.7/15,Near east coast of Kamchatka Peninsula

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

Table with columns: KRER, Koryakskii, 2.16, 26, eP, Pn, 03 02 32.1 +1.4. Lists stations like KRER, Koryakskii, Sedlovina, etc.

Table with columns: KII, Karymskiy, 3.01, 26, eP, Pn, 03 02 42.5 +1.3. Lists stations like KII, Karymskiy, KZV, etc.

ERM Erimo, 13.40, 231, Pn, Pn, 03 04 57.3 -1.8

AMKA Amchitka, 13.81, 91, P, P, 03 05 07.1 -1.1

USRK Ussuriysk Arr, 18.25, 257, P, P, 03 05 57.8 -0.3

MJBS Matsu-Uonnet, 20.07, 230, P, Iamb, Iamb, 03 06 18.2 -1.9

MAJO Matushiro, 20.07, 230, P, pmax, pmax, 03 06 18.3 -1.9

MJAR Matushiro Arr, 20.07, 230, P, Pn, Pn, 03 06 18.8 -1.4

INU Inuyama, 21.60, 230, P, P, 03 06 35.4 +1.9

HIA Hailar, 23.83, 280, P, P, 03 06 52.9 -1.9

HIA Hailar, 23.83, 280, P, P, 03 06 52.9 -1.9

TIXI Tiksi, 23.96, 338, P, P, 03 06 53.2 -2.5

TIXI Tiksi, 23.96, 338, P, P, 03 06 53.1 -2.5

KSR Korea Array, 24.90, 247, P, P, 03 07 05.6 +1.0

JNU Nakatsue, 26.45, 237, P, P, 03 07 20.6 +2.0

ILAR Eielson Array, 31.30, 43, P, P, 03 08 02.6 +1.4

H112 WAKE ISLAND Hy 32.49 163 T T 03 42 35.9

H11N3 WAKE ISLAND Hy 32.51 163 T T 03 42 18.3

H11N1 WAKE ISLAND Hy 32.51 163 T T 03 42 42.7

H11S1 WAKE ISLAND Hy 33.65 164 T T 03 43 44.0

H11S3 WAKE ISLAND Hy 33.66 164 T T 03 43 41.6

H11S2 WAKE ISLAND Hy 33.67 164 T T 03 43 43.5

YKA Yellowknife Ar, 45.64, 40, P, P, 03 10 01.9 +1.1

KURK Kurchatov, 47.12, 302, P, P, 03 10 10.9 -1.6

KURK Kurchatov, 47.12, 302, P, P, 03 10 10.9 -1.6

MK31 Makanchi Array, 47.28, 295, P, P, 03 10 12.5 -1.3

MK31 Makanchi Array, 47.28, 295, P, P, 03 10 12.5 -1.3

MKAR Makanchi Array, 47.28, 295, P, P, 03 10 11.8 -2.0

NVAR Mina Array Bea, 58.04, 67, P, P, 03 11 34.6 +1.3

PDAR Pinedale Array, 59.58, 58, P, P, 03 11 47.6 +1.2

TXAR Lajitas Array, 72.98, 64, P, P, 03 13 11.8 +2.5

WRO Warramunga Arr, 73.75, 202, P, Iamb, Iamb, 03 13 15.8 +2.2

WRO Warramunga Arr, 73.75, 202, P, Iamb, Iamb, 03 13 15.8 +2.2

WBA Warramunga Arr, 73.78, 202, P, P, 03 13 17.2

WRR Warramunga Arr, 73.78, 202, P, P, 03 13 15.7 +1.9

ASAR Alice Springs, 77.47, 202, P, P, 03 13 37.6 +2.9

H03N2 Juan Fernandez, 136.02, 88, T, T, 05 51 54.6

H03N1 Juan Fernandez, 136.04, 88, T, T, 05 51 55.4

H03N3 Juan Fernandez, 136.04, 88, T, T, 05 51 53.2

CPUP Villa Florida, 143.83, 59, PKP, PKIKP, 03 21 14.7 -2.2

CPUP Villa Florida, 143.83, 59, PKP, PKIKP, 03 21 14.1 -2.8

PLCA Paso Flores, 145.78, 91, PKBP, PKIKP, 03 21 18.9 -1.5

PLCA Paso Flores, 145.78, 91, PKBP, PKIKP, 03 21 18.9 -1.5

PLCA Paso Flores, 145.78, 91, PKBP, PKIKP, 03 21 18.6 -1.9

PLCA Paso Flores, 145.78, 91, PKBP, PKIKP, 03 21 18.6 -1.9

ATH 09 03:05:57.3,38°18'N-20°40'E, h13km,1km, ML2.3/6, Error ellipse: s-maj=2.0km s-min=1.1km az=242.0

THE 09 03:05:57.2,38°19'N-20°32'E, h1km,2km, ML2.6/9, Error ellipse: s-maj=2.7km s-min=0.5km az=258.0

ISC 09 03:05:57.1,1.0,38°19'N-20°40E,0.05,h12km,5km, n30,e046/47, Greece

Code Station Name Δ° AZ° Phase ID Time Res ISC

KEF3 Kipouria, Keph 0.04 294 P P 03 05 59.0 -0.1

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Table with columns: MORW, 9dW, 19.81 169, P, Pn, 06 07 36.8 +1.0, etc. Includes stations like Morawa, Sorong, Baliduru, etc.

Table with columns: PEA0B, Petropavlovsk-73.73 27, P, P, 06 14 37.2 -0.7, etc. Includes stations like Petropavlovsk, Khabaz, Tiksi, etc.

Table with columns: BRTR, Keskin Array B, 84.25 312, P, P, 06 34 48.8 +1.3, etc. Includes stations like Keskin Array B, Lajitas Arr, etc.

IDC 09 06:06:48.9:7.1,31:10S:178:14W,h0km,mb4.1/2, mb1 4.4/2, mb1mx3.7/35, mbtmp4.1/2, Error ellipse: s-maj=292.2km s-min=62.5km az=157.0, Kermadec islands region

IDC 09 06:22:13.7:0.8,28:94N:141:54E,h0km,mb3.8/13, mb1 4.0/15, mb1mx3.8/44, mbtmp3.8/15, ML2.5/2, MS3.2/1, Ms1 3.4/1, ms1mx2.6/44, Error ellipse: s-maj=27.5km s-min=2.1km az=57.0

NEIC 09 06:22:20.6:1.4, 29:07N:0:08:141:5E:0:2, h43km,7km, mb4.1/4, Error ellipse: s-maj=23.2km s-min=10.1km az=71.0

ISC 09 06:22:21.6:0.6, 29:05N:0:09:141:5E:0:2, h56km, n26, 0:84/21, mb3.8/14, Southeast of Honshu

TAP 09 06:32:03.9:24:50N:122:25E,h76km,ML3.0,B JMA 09 06:32:03.6:0.1, 24:40N:122:26E,h7km,2km,M2.2 ISC 09 06:32:04.7:1.4, 24:49N:122:28E:0:02,h67km,10km, n57,0:74/11, Taiwan region

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

Table with columns: TYC, Yuchr, 1.43 246 i P, Pn, 06 32 29.3 +0.7, etc.

NCEDC 09 06:42:39.0-6.35'66N-0'01.121'065W-0'009, h6km,4km,Md2,6/102, Error ellipse: s-maj=1.8km s-min=1.0km az=181.0

NEIC 09 06:42:40.3-0.6,35'67N-0'01.121'07W-0'01, h5km,6km, Error ellipse: s-maj=2.3km s-min=0.8km az=221.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 09 06:43:20.3-1.7,1'28N-126'75E,h0km,mb3.7/4, mb1 3.9/4,mb1mx3.5/4,mbtm3.8/4, Error ellipse: s-maj=171.2km s-min=20.3km az=66.0, Northern Molouca Sea

Table with columns: MKAR, Makanchi Array, 59.58 326 P, P, 06 53 26.4 +0.4, etc.

IDC 09 06:53:32.3-6.2,37'14N:71'85E,h122km,33km,mb3.3/2, mb1 3.3/8,mb1mx3.1/46,mbtm3.7/8,MS3.2/1,Ms1 3.2/1, ms1mx2.3/35, Error ellipse: s-maj=79.0km s-min=30.9km az=157.0

NNC 09 06:53:39.0-5.2,37'69N:71'61E,h104km,106km,mb3.4, mpv3.9, Error ellipse: s-maj=42.6km s-min=33.6km az=177.0

ISC 09 06:53:32.4-1.8,37'3N:0'11.7'4E:0'10,h100km,n19, r1566/23,3C-4D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NNC 09 07:01:08.1-6.9,53'79N:86'22E,h0km,mb3.7,mpv3.3, 5C-3D, Error ellipse: s-maj=54.8km s-min=44.1km az=30.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 09 07:04:46.5-2.7,36'43N:117'04W,h0km,mb3.4/1, mb1 3.7/3,mb1mx3.4/50,mbtm3.3/3,ML3.8/2,MS3.3/1, Ms1 3.3/1,ms1mx2.4/16, Error ellipse: s-maj=28.7km s-min=14.3km az=26.0

ANF 09 07:04:46.7-0.1,36'42N:116'94W,h13km,1km,ML3.7/27, Error ellipse: s-maj=1.2km s-min=1.0km az=171.0

NEIC 09 07:04:47.4-2.9,36'41N:0'02-116'92W:0.02,h4km,5km, Error ellipse: s-maj=3.1km s-min=2.0km az=156.0

PAS 09 07:04:47.2-4.3,36'43N:0'03-116'93W:0.03,h9km,6km, ML3.6/164,ML3.9/13(FRE), Error ellipse: s-maj=4.6km s-min=2.2km az=147.0

REN 09 07:04:47.4-2.1,36'43N:0'03-116'95W:0.03,h11km,6km, Error ellipse: s-maj=5.5km s-min=0.6km az=143.0

ISC 09 07:04:47.8-0.8,36'42N:0'02-116'96W:0'02,h10km,6km, n111,r1528/133,California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: LRMC, Laurel Mtn Rad, 1.11 212 P, Pg, 07 05 08.5 -0.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

KRNET 09 07:06:38.6-0.1,41'65N:78'19E,h16km,mb1.9, NNC 09 07:06:41.5-5.2,41'36N:78'21E,h0km,mb3.2,mpv2.9, Error ellipse: s-maj=36.4km s-min=20.8km az=156.0, Suspected Mining explosion.

ISC 09 07:06:38.5-2.8,41'7N:0'11.7'4E:0'10,h0km,n10, r0576/18,10C-4D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

s-maj=22.8km s-min=10.6km az=75.0
INMG 09:08:04:26.0,1.1,3.5;86N;7.50W,h31km,6km,ML1.8,Error
ellipse: s-maj=3.2km s-min=2.6km az=47.0

MDD 09:08:04:26.1,1.3,3.5;93N;7.47W,h70km,mb3.27,Error
ellipse: s-maj=13.2km s-min=7.0km az=13.0,PRXIMO
IGIL 09:08:04:26.5,35.85N;7.50W,h31km,ML1.8
ISC 09:08:04:22.6,3.3,35.87N;0.08;7.45W;0.04,h23km,26km,
n35,c141/63,3D,Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Barranco-do-Ve, Vaqueiros, Espera, Vila Bisbo, etc.

IDC 09:08:04:34.5,0.7,22.97S;70.50W,h0km,mb3.8/8,
mb1.3/9/10,mb1mx3.8/37,mbtmp3.7/10,ML3.2/2,MS2.9/4,
Ms1.3/0.4,ms1mx2.7/28,Error ellipse: s-maj=20.4km
s-min=18.6km az=116.0

NEIC 09:08:04:39.3,1.6,22.94S;0.04;70.57W;0.06,h34km,4km,
Error ellipse: s-maj=8.8km s-min=5.3km az=114.0

GUC 09:08:04:39.1,0.8,22.92S;70.46W,h40km,2km,ML2.9
ISC 09:08:04:38.5,1.5,22.93S;0.03;70.50W;0.05,h25km,11km,
n61,c132/63,mb3.8/8,9C-3D,Near coast of northern
Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for IPOC Station P, PMAF, PMRV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for IPOC Station P, PMAF, PMRV, etc.

IDC 09:08:12:32.0,0.6,55.22S;28.31W,h0km,mb4.5/9,
mb1.4/6/11,mb1mx4.4/26,mbtmp4.6/11,ML4.8/2,MS3.8/16,
Ms1.3/7/16,ms1mx3.7/28,Error ellipse: s-maj=20.9km
s-min=16.1km az=51.0

NEIC 09:08:12:34.1,1.2,55.25S;0.09;28.4W;0.2,h10km,1km,
mb4.8/36,Error ellipse: s-maj=19.7km s-min=9.3km
az=49.0

ISC 09:08:12:33.5,0.4,55.19S;0.08;28.33W;0.09,h10km,n100,
c89/91,mb4.7/22,MS3.8/16,2D,South Sandwich

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Islands region, HOPE, VNA3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Juntas del Tor, Tololo Observa, El Transito, etc.

IDC 09:08:13:19.6,2.0,52.40N;178.110W,h0km,mb3.7/7,
mb1.4/2.9,mb1mx3.7/66,mbtmp3.8/9,ML3.6/2,Error
ellipse: s-maj=57.9km s-min=25.0km az=2.0

NEIC 09:08:13:57.6,1.0,52.77N;0.1;174.4W;0.1,h185km,2km,
mb4.2/15,Error ellipse: s-maj=15.2km s-min=8.3km
az=158.0

AEIC 09:08:13:58.0,3.2,52.0N;0.2;174.1W;0.1,h189km,5km,
Error ellipse: s-maj=27.0km s-min=9.1km az=164.0

ISC 09:08:13:57.4,0.7,52.61N;0.1;174.34W;0.06,h200km,n65,
c1932/63,mb3.5/5,Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for Andreanof Islands, KONE, KOSE, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADK Adak, KICM Kanaga Island, KIKV Kanaga Island, etc.

NEIC 09 08:15:20.9±2.6, 32.55N±0.05, 109.08W±0.05, h5km±2km, Mw3.6/23, Error ellipse: s-maj=9.8km s-min=5.4km az=143.0

ANF 09 08:15:20.1±0.8, 32.35N±1.09, 129W, h3km±6km, ML4.1/13, Error ellipse: s-maj=5.4km s-min=2.6km az=166.0

IDC 09 08:15:20.4±0.9, 32.59N±1.09, 150W, h0km, mb1.3/4.5, mb1mx3.3/5.1, mbtm3.0/5.1, mbtms3.0/5.1, Error ellipse: s-maj=14.3km s-min=8.2km az=30.0

NEIC 09 08:15:21.32±5.8N, 109.09W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, M1=1.52; M2=0.06; M3=1.47; M4=1.09; M5=0.67; M6=2.34; Fault plane solution: M3:0.06000x10^14 Np1:17.79000°, 816.20000°, 1-96.62000°. NP2:204.68000°, 873.91000°, 1-88.08000°. Principal axes: T 3.1536, Plg29.0000°, Azm293.0000°; N -0.2021, Plg2.0000°, Azm24.0000°; P -2.9515, Plg61.0000°, Azm117.0000°.

ISC 09 08:15:21.8±0.9, 32.25N±1.0, 109.13W±0.03, h10km±6n9, ±198.75, Eastern Arizona

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 121A Cookies Peak, 121A Cookies Peak, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLA Glamis, IRM Iron Mountain, MSTX Muleshoe, etc.

JMA 09 08:17:42.4±0.3, 44.27N±1.48, 148.45E, h0km, M3.9 SKHL 09 08:17:43.8±0.3, 44.80N±1.48, 60E, h38km±1km, mb4.5/2.1, ISC 09 08:17:38.9±3.5, 44.59N±1.0, 149.0E±0.2, h32km±24km, n17, c232/29, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

ISC 09 08:30:07.9±1.5, 49.51N±0.06, 177.6E±0.1, h7km±n5, ±692.7, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MORC Moravsky Berou, JAVC Velka Javorina, etc.

BGR 09 08:32:50.1±0.0, 22.41S±177.19W, h33km, M3.9 NEIC 09 08:33:55.7±1.5, 20.0S±0.1, 177.9W±0.1, h566km±6km, mb4.9/5.5, Error ellipse: s-maj=16.6km s-min=14.7km az=137.0

IDC 09 08:33:59.6±2.0, 19.94S±177.99W, h595km±23km, mb3.5/16, mb1.3/7.17, mb1mx3.6/3.1, mbtm4.5/17, Error ellipse: s-maj=13.2km s-min=11.4km az=133.0

ISC 09 08:33:56.6±0.4, 19.96S±0.08, 177.85W±0.07, h569km, n153, ±091/157, mb4.75/-16.14D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSFV Nonsavu, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KNTN Kanton, URZ Urewera, HAUI Hauraki, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Wood River Hill, Harding Lake, Clear Creek Bu, etc.

0.1nm,0.3s,baz=18,slow=26,SNR=2.5

NNC 09 08:53:07.6:3.7, 36.79N:71.33E, h117km, 68km, mb3.1, mpv3.6, 3C-2D, Error ellipse: s-maj=40.1km s-min=31.8km az=100.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ala-Archa, Karatay Array, Tokmak 2, etc.

NNC 09 09:06:21.8:8.2, 36.79N:70.57E, h0km, mb3.8, mpv3.2, 3C-2D, Error ellipse: s-maj=84.7km s-min=51.2km az=145.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Ala-Archa, Akbulak array, etc.

GCG 09 09:07:48.8:0.4, 14.66N:92.88W, h21km, 383km, MD4.5, IDC 09 09:07:50.6:2.3, 14.74N:92.47W, h48km, 20km, mb3.6/8, mb1 3.9/10, mb1mx3.6/42, mbtmp3.9/10, ML4.2, M53.1/13, M51.3/13, ms1mx2.9/38, Error ellipse: s-maj=22.0km s-min=14.3km az=28.0

NEIC 09 09:07:51.5:3.0, 14.71N:92.06E, 92.63W, h0km, 5km, Error ellipse: s-maj=10.4km s-min=5.0km az=213.0

MEX 09 09:07:51.6:0.6, 14.69N:92.58W, h76km, 8km, MD4.5, UCR 09 09:07:52.7:4.0, 14.67N:92.55W, h20km, 999km, ML4.2

SNET 09 09:07:52.2:0.8, 14.67N:92.53W, h15km, 999km, ML4.5, ISC 09 09:07:52.0:0.8, 14.77N:92.63W, h0.04, h6km, 7km, n132, s1967/151, mb4.1/19, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Retalhuleu, Santiago 3, Huehuetenango, Comitán, Fuego 3, Ixpaco, Las Nubes, Marmol, Las Nubes, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Las Esperanzas, Las Juntas de, JTS, MOIG, HDC, etc.

IDC 09 08:39:51.0:2.9, 54.36N:87.41E, h0km, mb1 3.0/2, mb1mx2.9/53, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=23.5km s-min=18.4km az=48.0

NNC 09 08:39:58.1:11.0, 53.84N:87.25E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=84.0km s-min=64.1km az=19.0, Suspected Mining explosion.

ISC 09 08:39:55.9:2.1, 52.85N:0.06:86.1E, 0.1, h0km, n7, s227/11, 4C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zalesovo Beam, Zalesovo INOVA, Kurkuch, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like San Andres, Flores, Serv Nat Est T, etc.

ISK 09 09:20:39.40:37N-27.09E, h1km, ML1.6/5, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Beach Ranch, Siv, Scho, YKA, CFA, INK, etc.

9d 10h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GELI, ENEZ, GADA, ALN, etc.

DDA 09 09:21:20.4,39.13N,29.02E, h7km, 2km, ML1.5, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DEMI, GDZ, USAK, MANT, etc.

BER 09 10:00:30.2, 1.2, 60.25N, 11.75E, h0km, ML1.3, Suspected explosion, Southern Norway

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NC602, NAO01, NB201, etc.

HEL 09 10:00:37.7, 0.3, 60.76N, 28.86E, h0km, ML1.7, Explosion, Finland-Karelia border region

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

NIED 09 10:08:27.1, 38.70N, 142.27E, h37km, MW3.7, Moment Tensor Solution, s1 Moment tensor: Scale 10^14Nm

Mm-0.22; Mm3-4.3; Mm3-3.20; Mm0-0.85; Mm0-0.71; Mm0-0.63; Fault plane solution: M3.35000x10^14 Np1; phi-309.00000; lambda-179.00000; NP2: phi-39.00000; lambda-179.00000

JMA 09 10:08:27.0, 1.38, 70N, 142.27E, h37km, 1km, M3.5, Near east coast of eastern Honshu

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

IDC 09 10:08:39.0, 2.3, 14.72N, 92.51W, h53km, 20km, mb3.7/10, mb1.4, 0/12, mb1mx3.7/36, mb1mp3.9/12, ML4.6/3, MS3.3/14, Ms1.3/3/14, ms1mx3.1/33, Error ellipse: s-maj=20.1km s-min=12.7km az=40.0

MEX 09 10:08:39.1, 1.1, 14.58N, 92.59W, h75km, 16km, MD4.7 INET 09 10:08:39.0, 14.77N, 92.74W, h15km, ML4.3 GCG 09 10:08:41.9, 0.5, 14.65N, 92.53W, h27km, 7km, MD4.6 NEIC 09 10:08:41.4, 2.3, 14.75N, 0.07, 92.62W, 0.06, h78km, 5km, Error ellipse: s-maj=11.1km s-min=6.7km az=214.0 SNET 09 10:08:42.4, 1.1, 14.20N, 92.62W, h35km, 999km, ML4.7 UCR 09 10:08:42.6, 1.1, 14.19N, 92.61W, h35km, 999km, ML4.3, mb4.3(NEIC)

ISC 09 10:08:40.6, 14.73N, 0.05, 92.62W, 0.04, h6km, 2km, m180, s125/211, mb4.2/34, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG, STG3, PCIG, etc.

2014 JUL

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NUBE, RTR, SBL, etc.

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

9d 11h

COEN	Coen	36.28	282	P	P	11 20 30.0	+0.4
QIS	Mount Isa	37.17	270	P	P	11 20 36.4	-0.5
BBOO	Bucklebo	38.46	249	P	P	11 20 46.4	-0.8
BBOO	Bucklebo	38.46	249	P	P	11 20 46.8	-0.5
AS31	Alice Springs	41.51	263	P	P	11 21 11.7	-0.3
ASAR	Alice Springs	41.51	263	P	P	11 21 11.5	-0.5
ASAR	comp=Z,1.2nm,0.4s,baz=92,slow=7.3,SNR=276					11 22 41.0	+0.1
ASAR	comp=Z,3.6nm,0.8s,baz=91,slow=8.0,SNR=3.5					11 26 02.6	+1.8
ASAR	comp=Z,4.2nm,1.1s,baz=114,slow=7.4,SNR=7.4					11 26 51.9	+0.3
WR0	Warramunga Arr	41.90	269	P	P	11 21 14.2	-0.9
WR0	comp=Z,1.5nm,0.8s					11 21 14.7	-1.7
WB2	Warramunga Arr	42.07	269	P	P	11 21 15.6	-0.9
WB2	Warramunga Arr	42.07	269	P	P	11 21 17.1	
WRAB	Tennant Creek	42.08	269	P	P	11 21 15.8	-0.7
WRAB	comp=Z,3.5nm,1.1s					11 21 15.5	-1.0
WRA	Warramunga Arr	42.08	269	P	P	11 21 45.4	-0.5
WRA	comp=Z,2.3nm,0.4s,baz=105,slow=7.6,SNR=76					11 26 05.2	+2.1
WRA	comp=Z,3.6nm,0.9s,baz=106,slow=8.2,SNR=2.7					11 26 59.3	-0.5
WRA	comp=Z,5.6nm,0.9s,baz=98,slow=15,SNR=12					11 21 15.7	-0.9
WB0	Warramunga Arr	42.09	269	P	P	11 21 32.0	-0.9
JAY	Jayapura	44.17	295	P	P	11 21 37.0	-0.9
GENI	comp=Z,2.3nm,0.8s,baz=222,slow=1.8,SNR=7.4					11 21 36.0	+0.1
FORF	Forrest	45.40	252	P	P	11 21 40.9	-1.3
FORF	Forrest	45.40	252	P	P	11 21 41.3	-0.9
WRKA	Warakuma	46.20	259	P	P	11 21 47.3	-1.1
KDU	Kakadu	46.29	277	P	P	11 21 47.9	-1.3
MTN	Mantion Dam	47.42	276	P	P	11 21 56.4	-1.4
MTN	Mantion Dam	47.42	276	P	P	11 21 56.4	-1.4
KNRA	Kununurra	48.49	272	P	P	11 22 05.3	-0.4
KNRA	Kununurra	48.49	272	P	P	11 22 05.6	-0.1
FITZ	Fitzroy Crossi	50.48	267	P	P	11 22 20.2	-0.2
FITZ	Fitzroy Crossi	50.48	267	P	P	11 22 20.1	-0.2
FITZ	Fitzroy Crossi	50.48	267	P	P	11 22 20.2	-0.2
FITZ	Fitzroy Crossi	50.48	267	P	P	11 22 23.1	
KMBL	Kambalda	50.56	250	P	P	11 22 20.4	-0.5
FAKI	Fak Fak	51.00	289	P	P	11 22 23.2	-1.1
FAKI	Fak Fak	51.00	289	P	P	11 22 27.2	
KHLU	Kahalu'u	51.12	30	P	P	11 22 23.5	-1.6
MLH	Mauna Loa	51.26	31	P	P	11 22 26.1	-0.2
HPAH	Hawaii Prepara	51.59	30	P	P	11 22 28.1	-0.3
VNDA	Vanderberg	52.28	185	P	P	11 22 33.6	+1.0
KLBR	Kellerberrin	53.99	249	P	P	11 22 44.6	-1.0
NWAO	Narrogin (SRO)	54.19	247	P	P	11 22 46.4	-0.5
NWAO	Narrogin (SRO)	54.19	247	P	P	11 22 45.8	-1.1
NWAO	Narrogin (SRO)	54.19	247	P	P	11 22 46.6	
MEEK	Meekeetharra	54.32	255	P	P	11 22 46.4	-1.6
PSAO0	Pilbara Seismi	54.59	261	P	P	11 22 48.7	-1.2
SOEI	Soe	54.83	276	P	P	11 22 53.6	+1.8
SOEI	Soe	54.83	276	P	P	11 22 52.8	+1.0
BLDU	Baliduu	55.07	250	P	P	11 22 52.0	-1.2
BATI	Baumata	55.18	276	P	P	11 22 54.4	+0.2
MUN	Munding	55.22	248	P	P	11 22 53.4	-0.8
MORW	Morawa	55.97	251	P	P	11 22 58.4	-1.0
MORW	Morawa	55.97	251	P	P	11 22 58.8	-0.7
MORW	Morawa	55.97	251	P	P	11 22 59.7	
SANI	Sanana	56.83	286	P	P	11 23 04.8	-0.8
TNTI	Ternate	57.08	289	P	P	11 23 06.8	-0.6
MMRI	Maumere	57.19	277	P	P	11 23 07.5	+0.1
MMRI	Maumere	57.19	277	P	P	11 23 10.0	
EDFI	Ende, Flores	57.55	276	P	P	11 23 10.5	-0.2
CASY	Casey	58.14	206	P	P	11 23 13.3	-0.4
CASY	Casey	58.14	206	P	P	11 23 14.4	
WSI	Waingapu	58.42	275	P	P	11 23 17.4	+1.0
GIRL	Giralia	59.24	258	P	P	11 23 22.4	+0.5
GIRL	Giralia	59.24	258	P	P	11 23 22.3	+0.5
BKSI	Bulukumba	60.44	279	P	P	11 23 29.3	-0.7
BNSI	Bone	60.87	280	P	P	11 23 34.4	+1.5
PLAI	Plampang	61.03	274	P	P	11 23 34.6	+0.7
MPSI	Mapaga	63.29	285	P	P	11 23 49.1	+0.5
QSPA	South Pole Qui	64.10	180	P	P	11 23 53.9	+0.9
QSPA	South Pole Qui	64.10	180	P	P	11 23 54.0	+0.9
QSPA	South Pole Qui	64.10	180	P	P	11 23 55.5	
JAGI	Jajag, Banyuw	64.43	273	P	P	11 23 54.6	-1.3
GRJI	Gresik	66.59	274	P	P	11 24 10.2	+0.8
CISI	Cisomp, Garu	70.51	271	P	P	11 24 32.1	-1.3
LEM	Lembang	70.99	272	P	P	11 24 36.5	+0.2
SBUM	Sibu	71.03	282	P	P	11 24 36.4	0.0
KSM	Kuching	72.25	281	P	P	11 24 43.2	-0.3
KSM	Kuching	72.25	281	P	P	11 24 44.3	
MJAR	Matsushiro Arr	73.50	326	P	P	11 24 49.6	-0.5
MAT	Matsushiro	73.50	326	P	P	11 24 49.3	-0.8
MAT	Matsushiro	73.50	326	P	P	11 33 38.1	-1.5
BELA	Belragno 2	74.39	173	P	P	11 24 54.8	+0.1
MDSI	Maura Dua	75.08	272	P	P	11 24 58.1	-1.5
MAW	Mawson	75.72	201	P	P	11 25 02.7	+0.5
MAW	Mawson	75.72	201	P	P	11 25 02.6	+0.5
MAW	Mawson	75.72	201	P	P	11 25 02.8	+0.6
AMKA	Amchitka	77.03	360	P	P	11 25 08.6	-0.9
ADK	Adak	77.60	2	P	P	11 25 11.6	-0.9
ADK	Adak	77.60	2	P	P	11 25 12.7	
GSTR	Great Sitkin T	77.84	3	P	P	11 25 13.1	-0.9
ATKA	Atka Island	78.04	4	P	P	11 25 14.4	-0.5
RGR1	Rengas	78.54	274	P	P	11 25 20.5	-1.2
KKRH	Nikolski High	79.25	7	P	P	11 25 20.8	-0.6
NKRS	Korea Arry	79.71	321	P	P	11 25 24.5	+0.3
UNV	Unalaska Valle	80.39	8	P	P	11 25 26.6	-0.8
GO09	Cerro Castillo	80.49	143	P	P	11 25 29.1	+0.9
GO09	Cerro Castillo	80.49	143	P	P	11 25 29.7	+0.9
SYO	Syowa Base	80.93	194	eP	P	11 25 28.2	-0.0
SYO	Syowa Base	80.93	194	eP	P	11 25 33.8	-1.2
PEA0B	Petrovlovsk	81.08	347	P	P	11 25 31.1	+0.1
PETK	Petrovlovsk	81.08	347	P	P	11 25 30.8	-0.2
NJ2	Nanjing	81.86	311	eP	P	11 25 35.5	0.0
NJ2	Nanjing	81.86	311	eP	P	11 25 35.5	0.0
USRK	Ussuriysk Arr	82.40	328	P	P	11 25 38.4	+0.4
USRK	Ussuriysk Arr	82.40	328	P	P	11 25 38.4	+0.4
SNA4	Sanae	82.59	179	P	P	11 25 38.2	-0.6

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SNA4	Sanae	82.59	179	P	P	11 25 38.5	-0.2
VNA3	Neumayer Olymp	82.81	177	P	P	11 25 39.5	-0.3
SC12	San Clemente I	82.97	48	P	P	11 25 41.9	+0.7
VNA2	Neumayer-Watz	83.22	178	P	P	11 25 41.5	-0.3
PKM	Mcherson Peak	83.29	46	P	P	11 25 44.1	+1.1
CIS	Catalina Is	83.31	48	P	P	11 25 43.8	+0.9
SAO	San Andreas Ge	83.42	44	P	P	11 25 43.9	+0.5
SAO	San Andreas Ge	83.42	44	P	P	11 25 45.4	
SMMC	Simmer	83.43	46	P	P	11 25 45.0	+1.5
VNA1	Neumayer-Stat	83.46	177	P	P	11 25 43.3	+0.4
PMPB	Monarch Peak	83.48	45	P	P	11 25 44.3	+0.6
PMPB	Monarch Peak	83.48	45	P	P	11 25 45.9	
COYC	Coyhaique	83.50	138	P	P	11 25 44.0	+0.2
PAGB	Antelope Grade	83.53	45	P	P	11 25 44.7	+0.8
FMP	Fort Macarthur	83.58	48	P	P	11 25 45.2	+1.1
OSI	Osito Audit: C	83.83	47	P	P	11 25 46.6	+1.1
HOPS	Hoiland Field	83.86	41	P	P	11 25 45.7	+0.2
HOPS	Hoiland Field	83.86	41	P	P	11 25 47.5	
109C	Camp Elliot, M	83.89	49	P	P	11 25 46.3	+0.6
109C	Camp Elliot, M	83.89	49	P	P	11 25 46.1	+0.4
109C	Camp Elliot, M	83.89	49	P	P	11 25 47.5	
PASC	Pasadena Art C	83.92	47	P	P	11 25 45.7	-0.2
SLBS	Sierra La Lagu	84.03	60	P	P	11 25 47.2	+0.4
SLBS	Sierra La Lagu	84.03	60	P	P	11 25 48.9	
MWC	Mount Wilson	84.04	47	P	P	11 25 47.1	+0.4
MWC	Mount Wilson	84.04	47	P	P	11 25 48.3	
BAR	Arvin	84.06	49	P	P	11 25 46.9	+0.3
ARVC	Arvin	84.07	46	P	P	11 25 47.6	+1.0
MURC	Murrieta	84.28	48	P	P	11 25 48.0	+0.5
BFSC	Mount Baldy Ra	84.31	48	P	P	11 25 48.2	+0.2
BFSC	Mount Baldy Ra	84.31	48	P	P	11 25 48.2	+0.2
YES	Vestal, Richgr	84.34	46	P	P	11 25 48.1	+0.2
MONP	Monument Peak	84.35	49	P	P	11 25 49.4	+1.1
IKP	In-Ko-Pah, Jac	84.43	50	P	P	11 25 49.5	+1.0
EDW2	Edwards Air Fo	84.47	47	P	P	11 25 49.2	+0.5
ISA	Isabella, Lake	84.63	46	P	P	11 25 50.3	+0.9
ISA	Isabella, Lake	84.63	46	P	P	11 25 50.3	+0.9
ISA	Isabella, Lake	84.63	46	P	P	11 25 50.0	+0.5
ISA	Isabella, Lake	84.63	46	P	P	11 25 51.4	
KHMM	Horse Mountain	84.70	39	P	P	11 25 51.0	+1.3
KHMM	Horse Mountain	84.70	39	P	P	11 25 55.9	
PFO	Pinyon Flats O	84.75	49	P	P	11 25 50.7	+0.5
PFO	Pinyon Flats O	84.75	49	P	P	11 25 50.8	+0.6
PFO	Pinyon Flats O	84.75	49	P	P	11 25 51.4	+1.3
PFO	Piny						

Table of seismic events with columns: TXAR, Lajitas Array, 91.72 58 P, 11 26 23.3 +0.3, etc.

Table of seismic events with columns: TIC, Tumbodi, 160.23 166 eP, PKPab, 11 33 55.7 +0.8, etc.

Table of seismic events with columns: WRA, Warramunga Arr, 45.13 265 P, 12 31 51.1 -1.6, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROTU Roteberg, NRTU Norrtälje, HUSU Husum, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CISI Cisompet, LEM Lembang, TWSI Taliwang, etc.

Station information and coordinates for stations like IDC 09 13:35:12.2,0.5,55.15N;165.36E, h0km, mb4.6/34, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Koryaka, OSSR Oссора, PET Petropavlovsk, etc.

NNC 09 13:26:28.1±0.5,50.04N;78.74E, h0km, mb3.7, mpv3.3, 13C-12D, Error ellipse: s-maj=4.7km s-min=2.9km

az=61.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR09 Kurchatov Arra, etc.

ISC 09 13:35:15.1±0.3,55.04N;165.36E, h38km, mb5.0/80, MS3.9/14, Error ellipse: s-maj=12.4km

az=87.4, NEIC 09 13:35:16.5±1.4,55.12N;165.36E, h20km, mb5.2/43, BUI 09 13:35:16.5±0.5,55.43N;164.67E, h20km, mb5.2/43, etc.

ISC 09 13:35:15.1±0.3,55.04N;165.36E, h21km, mb2km, n871, ±0.80/907, mb4.9/250, MS4.0/46, 24C-10D, Kondorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKI Bering, KBT Krutoberegovo, ZLN Zelenaya, etc.

ALID Alaid, ALID Alaid, KMSK Kamenskaya, KMSK Kamenskaya, MA2 Magadan, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

IDC 09 13:34:47.3±1.7,9.21S;112.05E, h0km, mb4.0/6, mb1.4/1.7, mb1mx3.7/43, mbtmp4.07, ML3.4/1, Error ellipse: s-maj=56.7km s-min=20.5km az=50.0

DJA 09 13:34:47.3±1.6,10.5±0.11E;112.05E, h26km, 18km, M4.2/13, mb4.6/4, MLV4.1/13, MLV4.0/6

NEIC 09 13:34:49.2±2.8,9.76S;111.56E;0.07, h34km, 7km, mb4.4/5, Error ellipse: s-maj=12.8km s-min=9.3km az=205.0

ISC 09 13:34:49.2±0.8,9.84S;111.49E;0.07, h35km, n32, ±141/32, mb4.3/9, South of Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WOJI Wonogiri, UGM Wanagama, UGM Wanagama, etc.

Station information and coordinates for stations like JKA Kamikawa-asahi, ASAJ Asahikawa, etc.

YAK	Yakutsk	19.67 305	P	P	13 39 41.8	-0.5
YAK	comp=Z,0.5nm,0.3s,baz=94,slow=2.2,SNR=15					
YAK	LR				13 47 55.3	
YAK	comp=Z,310nm,18.4s,baz=88,slow=39					
YAK	Yakutsk	19.67 305	eP	S	13 39 41.5	-0.8
YAK					13 43 20.7	-2.2
YAK	comp=Z,63nm,0.9s		pmax	pmax		
YAK	comp=N,19nm,1.0s		pmax	pmax		
YAK	comp=E,26nm,1.1s		smax	smax		
YAK	comp=N,52nm,2.3s		smax	smax		
YAK	comp=E,60nm,2.5s		MLR	MLR		
YAK	comp=Z,226nm,19.0s					
YAK	Yakutsk	19.67 305	P	I	13 39 41.9	-0.4
YAK	comp=Z,67nm,0.8s		I	I	13 39 57.7	
CNBA	Chernabura Isl	20.04 76	P	Pn	13 39 46.4	+0.1
TEY	Ternei	20.85 2537	eP	pmax	13 39 58.5	+0.8
TEY	comp=E,40nm,0.8s		pmax	pmax		
TEY	comp=N,20nm,0.9s		pmax	pmax		
TEY	comp=Z,60nm,0.8s		pmax	pmax		
TTA	Tatalina	21.13 52	P	P	13 39 59.1	+0.9
TTA	comp=Z,78nm,1.3s		I	I	13 39 59.1	+0.9
TTA	Tatalina	21.13 52	P	I	13 40 09.1	
KLR	Kul'dur	21.27 268	P	P	13 40 01.1	+1.3
KLR	comp=Z,14nm,0.7s,baz=47,slow=10,SNR=29					
KLR	comp=Z,167nm,21.8s,baz=62,slow=36					
KLR	Kul'dur	21.27 268	eP	P	13 40 01.0	+1.3
KLR	comp=Z,31nm,1.0s		pmax	pmax		
SWV2	Sparrevok	21.28 58	P	P	13 39 59.9	+0.1
CHIR	Chirkof Islan	21.98 72	P	P	13 40 07.7	+0.4
ZEA	Zeya	22.04 282	eP	P	13 40 06.8	-1.1
ZEA	comp=Z,23nm,1.0s		MLR	MLR		
ZEA	comp=Z,500nm,14.0s		MLR	MLR		
ZEA	comp=N,600nm,13.0s		MLR	MLR		
SII	Sitkinak Islan	22.58 69	P	P	13 40 14.0	+0.2
RSO	Redoubt South	22.70 99	P	P	13 40 15.2	-0.1
TIXI	Tiksi	22.74 331	P	P	13 40 15.2	-0.1
TIXI	comp=N,15nm,1.0s,baz=121,slow=13,SNR=6.3					
TIXI	Tiksi	22.74 331	P	pmax	13 40 14.7	-0.6
TIXI	comp=Z,26nm,1.0s		pmax	pmax		
TIXI	Purkeypile	22.74 331	P	P	13 40 14.7	-0.6
PPLA	comp=Z,74nm,1.4s		I	I	13 40 17.2	+0.2
OHAK	Old Harbor	22.91 67	P	P	13 40 14.9	-2.3
OHAK	comp=Z,40nm,0.8s		I	I	13 40 42.7	
SPU	Mount Spurr	22.99 57	P	P	13 40 16.8	-1.3
KDKA	Kodiak Island	23.17 66	P	P	13 40 19.4	-0.5
KDKA	comp=Z,6.2nm,0.5s,baz=286,slow=7.4,SNR=19					
KDKA	Kodiak Island	23.17 66	P	P	13 40 18.8	-1.1
KDKA	comp=Z,24nm,1.0s		pmax	pmax		
KDKA	Kodiak Island	23.17 66	P	P	13 40 18.8	-1.1
SKT	Skwentna	23.20 55	P	P	13 40 19.2	-1.0
SKT	comp=Z,43nm,1.1s		I	I	13 40 45.3	
BPAW	Bear Paw Mtn.	23.44 50	P	P	13 40 21.8	-0.8
BPAW	comp=Z,33nm,0.9s		I	I	13 40 42.9	
SUA	Susitna One	23.60 56	P	P	13 40 23.3	-1.9
SUA	comp=Z,28nm,0.9s		I	I	13 40 52.4	
BRLK	Bradley Lake	23.71 61	P	P	13 40 24.6	-0.6
BRLK	comp=Z,34nm,1.2s		I	I	13 40 56.7	
TRF	Thorofare Moun	23.74 51	P	P	13 40 24.4	-1.3
TRF	comp=Z,45nm,1.0s		I	I	13 40 55.3	
CUT	Chulitna	23.77 54	P	P	13 40 24.6	-1.1
CUT	comp=Z,272					
USRK	Ussuriysk Ar.	23.94 257	P	P	13 40 27.0	-0.4
USRK	comp=Z,3nm,0.5s,baz=46,slow=9.7,SNR=17					
COLD	Coldfoot	24.06 42	P	P	13 40 28.0	0.0
COLD	comp=Z,31nm,0.5s,baz=262					
COLD	Coldfoot	24.06 42	P	P	13 40 27.7	-0.7
COLD	comp=Z,46nm,0.9s		I	I	13 40 30.3	
NEA2	Nenana	24.29 49	P	P	13 40 29.7	-0.9
MCK	McKinley	24.34 51	P	P	13 40 30.3	-0.8
MCK	comp=Z,40nm,1.0s		pmax	pmax		
MCK	McKinley	24.34 51	P	P	13 40 30.3	-0.8
MCK	comp=Z,40nm,1.0s		I	I	13 40 42.1	
PMR	Palmer	24.36 56	P	P	13 40 29.3	-1.9
PMR	comp=Z,10.0nm,0.8s		pmax	pmax		
PMR	Palmer	24.36 56	P	P	13 40 29.3	-1.9
SEW	Seward	24.38 59	P	P	13 40 29.4	-2.0
SEW	comp=Z,25nm,0.8s		I	I	13 40 40.9	
RND	Reindeer	24.39 51	P	P	13 40 30.0	-1.6
RND	comp=Z,25nm,0.8s		pmax	pmax		
RND	Reindeer	24.39 51	P	P	13 40 30.0	-1.6
RND	comp=Z,25nm,0.8s		I	I	13 40 52.6	
GHO	Glory Hole Cre	24.44 55	P	P	13 40 31.4	-0.7
GHO	comp=Z,19nm,0.8s		I	I	13 41 01.4	
TOLK	Toolik Lake Re	24.53 39	P	P	13 40 32.2	-0.6
TOLK	comp=Z,38nm,0.8s		I	I	13 40 54.5	
TOLK	Toolik Lake Re	24.53 39	P	P	13 40 32.2	-0.6
TOLK	comp=Z,38nm,0.8s		I	I	13 40 54.5	
MDM	Murphy Dome	24.66 48	P	P	13 40 32.8	-1.2
MDM	comp=Z,61nm,1.2s		I	I	13 41 03.1	
MCK	McKinley	24.70 56	P	P	13 40 33.1	-1.2
MCK	comp=Z,11nm,0.5s		I	I	13 41 03.1	
WRH	Wood River Hill	24.71 49	P	P	13 40 33.8	-0.6
SML	Sawmill	24.72 55	P	P	13 40 33.7	-0.8
SML	comp=Z,60nm,20.6s		I	I	13 41 02.9	
TCOL	College	24.82 48	P	P	13 40 34.1	-1.2
COLA	COLA	24.82 48	iP	pmax	13 40 34.8	-0.5
COLA	comp=Z,33nm,1.0s		pmax	pmax		
COLA	COLA	24.82 48	P	P	13 40 34.8	-0.5
COLA	comp=Z,33nm,1.0s		I	I	13 40 34.8	-0.7
CCB	Clear Creek Bu	24.84 48	P	P	13 40 34.8	-0.7
POKR	Poker Plat Res	25.00 47	P	P	13 40 36.6	-0.4
MDJ	Mudanjiang	25.04 260	P	P	13 40 37.7	+0.2
MDJ	comp=Z,31nm,0.7s		pmax	pmax		
MDJ	comp=Z,200nm,3.6s		LR	LR		
MDJ	comp=Z,850nm,20.6s		LR	LR		
MDJ	comp=Z,650nm,21.4s		LR	LR		
MDJ	comp=Z,660nm,15.0s		LR	LR		
MDJ	Mudanjiang	25.04 260	P	P	13 40 36.7	-0.8
MDJ	comp=Z,25nm,0.9s		I	I	13 40 38.6	
DHY	Denali Highway	25.07 52	P	P	13 40 36.5	-1.3
DHY	comp=Z,29nm,0.9s		I	I	13 40 49.2	

SCM	Sheep Creek Mo	25.19 55	P	P	13 40 37.9	-0.9
SCM	comp=Z,414nm,2.0s		pmax	pmax		
SCM	Sheep Creek Mo	25.19 55	P	P	13 40 37.9	-0.9
HDA	Harding Lake	25.21 49	P	P	13 40 38.2	-0.7
HDA	comp=Z,37nm,1.1s		I	I	13 40 49.1	
HDA	Harding Lake	25.21 49	P	P	13 40 37.8	-1.1
HDA	comp=Z,37nm,1.1s		I	I	13 40 49.1	
IL31	Eielson Array	25.23 48	P	P	13 40 38.0	-1.0
ILAR	Glacier Island	25.23 48	P	P	13 40 38.2	-0.8
GLI	Glacier Island	25.42 57	P	P	13 40 41.5	+0.7
GLI	comp=Z,16nm,0.8s,baz=261,slow=8.6,SNR=86		I	I	13 41 05.2	
FID	Port Fidalgo	25.74 57	P	P	13 40 43.4	-0.3
FID	comp=Z,36nm,1.0s		I	I	13 40 51.5	
HIN	Hinchinbrook I	25.79 58	P	P	13 40 43.8	-0.4
PRP	Porcupine Dome	25.81 46	P	P	13 40 44.2	-0.3
PRP	comp=Z,39nm,1.0s		I	I	13 41 04.5	
PAX	Paxson	25.94 52	P	P	13 40 45.3	-0.4
PAX	comp=Z,37nm,1.4s		pmax	pmax		
PAX	Paxson	25.94 52	P	P	13 40 45.3	-0.4
PAX	comp=Z,37nm,1.4s		I	I	13 41 22.3	
EYAK	Cordova Ski Ar	26.13 58	P	P	13 40 45.2	-2.0
RIDG	Independent Ri	26.16 50	P	P	13 40 45.5	-2.1
RIDG	comp=Z,19nm,0.8s		I	I	13 41 14.4	
MJB9	Matsu-Tunnel	26.19 236	P	P	13 40 45.3	-2.7
MJB9	comp=Z,39nm,0.8s		I	I	13 41 13.0	
MAJO	Matsushiro	26.19 236	P	P	13 40 45.5	-2.5
MAJO	comp=Z,40nm,0.8s		pmax	pmax		
MAJO	Matsushiro	26.19 236	P	P	13 40 45.5	-2.5
MAJO	comp=Z,40nm,0.8s		I	I	13 41 13.1	
MAT	Matsuhiro	26.19 236	eS	P	13 40 45.9	+1.3
MAT	comp=Z,40nm,0.8s		S	S	13 45 17.6	-1.1
MJAR	Matsushiro Arr	26.22 236	eS	P	13 40 49.7	+1.6
MJAR	comp=Z,5nm,0.7s,baz=22,slow=7,SNR=8.7					
DOT	Dot Lake	26.52 51	P	P	13 40 48.8	-1.9
DOT	comp=Z,24nm,0.9s		I	I	13 41 00.9	
SCRK	Sand Creek	26.52 50	P	P	13 40 49.5	-1.4
SCRK	comp=Z,19nm,0.8s		I	I	13 41 09.9	
RAGM	Ragged Mountai	26.68 58	P	P	13 40 51.7	-0.6
RAGM	comp=Z,21nm,0.9s		I	I	13 41 39.7	
MENT	Mentasta	26.74 52	P	P	13 40 52.5	-0.3
KAIM	Kayak Island	26.90 59	P	P	13 40 53.9	-0.2
KAIM	comp=Z,32nm,0.8s		I	I	13 41 10.9	
GLB	Gilshina Butte	26.91 55	P	P	13 40 53.5	-0.8
VRDI	Verde Repeater	27.12 56	P	P	13 40 55.5	-0.8
MCARA	McCarthy VSAT	27.29 55	P	P	13 40 57.9	+0.2
MCARA	comp=Z,27nm,1.0s		I	I	13 41 42.6	
CROM	Cirque	27.35 57	P	P	13 40 58.1	-0.4
CROM	comp=Z,27nm,0.8s		I	I	13 41 27.7	
TGL	Tana Glacier	27.50 57	P	P	13 40 58.5	-1.2
TGL	comp=Z,60nm,1.8s		I	I	13 41 48.7	
WAX	Waxell Ridge	27.55 57	P	P	13 40 59.9	-0.2
BALM	Baldy	27.68 56	P	P	13 41 00.5	-0.8
EGAK	Eagle	27.68 48	P	P	13 40 59.9	-1.3
EGAK	comp=Z,25nm,0.8s		I	I	13 41 20.0	
ISLE	Juniper Island	27.77 57	P	P	13 41 00.9	-1.2
CN2	Changchun	27.89 263	eP	P	13 41 03.0	-0.2
CN2	comp=Z,20nm,0.6s		pmax	pmax		
BOD	Bodaibo	27.96 297	eP	P	13 41 02.8	-0.9
BOD	comp=Z,21nm,0.7s		pmax	pmax		
BARN	Barnard Glacie	28.00 56				

9d 13h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KURK, KURBB, FFC, ORV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SHLS, SGF, TCUT, KMI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like N23A, Red Feather La, MORE, etc.

Table with columns: Code, Name, Time, Distance, Direction, Status, etc. Includes entries like MOL Molde, LEMN Lemitar, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Name, Time, Distance, Direction, Status, etc. Includes entries like E56A St. Veronique, D57A Chemin Vers le, MGMO Mountain Grove, etc.

Table with columns: Code, Name, Time, Distance, Direction, Status, etc. Includes entries like F64A Sherman, F64A Sherman, WWT Waverly, etc.

BUI 09 15:17:22.0-0.4, 6.47S; 146.86E; h93km, mb5.0/9, mb4.8/11

ISC 09 15:17:23.0-0.4, 6.58S; 0.05:147.23E; 0.06; h100km, n103, o1810/107, mb4.6/37, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Port Moresby, Keravat, Rabaul, Jayapura, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Matsushiro, MAJO, MAT, MJB9, etc.

ISC 09 15:26:30.1-7.6, 19.25N; 108.99W, h0km, mb3.3/3, mb1.3/4, mb1mx3.6/4, mbtmbp3.3/4, ML3.1/1, MS3.1/8, ms1-3.1/8, ms1mx3.0/1.5, Error ellipse: s-maj=142.7km, s-min=29.7km, s-az=111.0

ISC 09 15:26:37.0-4.2, 19.6N; 0.05:109.44W; 0.06; h26km, n14, o097/5, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like SOCORRO T-PHASE, H06E1, H06N1, etc.

ISK 09 15:37:22.4, 35.33N; 30.53E; h88km, ML3.2/27 DD, 09 15:37:24.0, 35.39N; 30.66E; h133km, 3km, ML3.0 NIC 09 15:37:24.0, 0.35:17N; 30.50E; h42km, 2km, ML3.3/5 GII 09 15:37:24.0, 0.35:04N; 30.76E; h1km, MD2.8/2 FET 09 15:37:23.2, 1.2, 35.33N; 0.03:30.51E; 0.03, h33km, 8km, n73, o146/97, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like AKUM, AKMS, ALAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KEPZ, OSC1, OSC1, etc.

ISC 09 15:38:08.8-3.0, 12.36N; 145.06E; h0km, mb3.6/5, mb1.3/8.5, mb1mx3.5/47, mbtmbp3.6/5, MS3.0/1, Ms1 3.0/1, ms1mx2.5/34, Error ellipse: s-maj=135.1km s-min=16.3km az=89.0

ISC 09 15:38:13.0-3.0, 12.4N; 0.2x145.3E; 0.8, h35km, n7, o1927/7, mb3.6/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like GUMO, KRVT, MJAR, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

DC 09 15:49:34.0, 4.0, 22.95N, 125.01E, h0km, mb4.1/19, mb1.4/121, mb1mx4.0/57, mb1mp4.1/21, ML2.9/2, MS3.4/17, Ms1.3/4/17, ms1mx3.2/39, Error ellipse: s-maj=21.3km s-min=19.1km az=125.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JKA Kamikawa-asahi, KLR Kuldrum, KAP Kappang, etc.

DC 09 15:55:32.0, 1.8, 23.34S, 127.39E, h0km, mb3.5/1, mb1.3/7.6, mb1mx3.5/27, mb1mp3.6/6, ML3.3/5, Error ellipse: s-maj=31.5km s-min=23.5km az=31.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRKA Warakuna, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), etc.

DC 09 16:07:05.5, 1.8, 1.99N, 126.77E, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.6/33, mb1mp4.1/4, Error ellipse: s-maj=167.4km s-min=21.6km az=65.0

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

MAN 09 16:56:26.1, 9.83N, 122.60E, h32km, mb4.0, ML2.7, MS2.3, 1C, NegroS

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CNOP Candoni, Negro, CNOP Candoni, Negro, etc.

DC 09 17:02:42.0, 4.0, 58.76N, 120.43E, h0km, mb3.5/8, mb1.3/7.13, mb1mx3.5/53, mb1mp3.7/13, ML3.9/4, MS2.8/2, Ms1.2.8/2, ms1mx2.2/37, Error ellipse: s-maj=22.6km s-min=12.0km az=153.0

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

comp=E,14nm,0.2s	eSn	Sn	17 04 18.5	-0.7
IENR	eSn	Sn	17 04 18.5	-0.7
IENR	eSg	Sn	17 04 31.3	+3.9
comp=E,633nm,0.6s				
BOD Bodaibo	3.63 257	i/Pn	17 03 40.3	+0.4
BOD	eP	Pb	17 03 46.9	-0.7
BOD	ePmax	Pb	17 03 51.6	
comp=E,103nm,0.5s				
BOD	e		17 04 11.0	
BOD	e		17 04 21.5	
BOD	eSg	Sb	17 04 34.0	+2.0
BOD	eSmax	Sb	17 04 43.6	
comp=E,2um,1.2s				
BOD Bodaibo	3.63 257	eP	17 03 39.2	-0.7
BOD	eS	Sn	17 04 22.0	-1.2
BOD	ePmax	Pmax		
comp=Z,103nm,0.6s				
BOD	e	smax		
comp=N,2um,1.1s				
VTMR Vitim	4.20 282	ePn	17 03 49.0	+1.2
VTMR	eP	Pb	17 03 57.8	+0.5
VTMR	eSn	Pb	17 04 34.5	-2.8
VTMR	eSg	Sb	17 04 51.6	+3.2
VTMR Vitim	4.20 282	ePn	17 03 46.8	-1.0
VTMR	i/Pg	Pb	17 03 57.5	+0.2
comp=N,2.6nm,0.0s				
VTMR	eSn	Sb	17 04 35.2	-2.1
VTMR	eSn	Sb	17 04 35.2	-2.1
VTMR	eSg	Sb	17 04 52.5	+4.1
comp=N,2um,0.4s				
VTMR Vitim	4.20 282	eP	17 03 57.8	+0.5
TUP	i/Pn	Pb	17 03 50.7	-0.1
TUP	i/		17 03 51.9	
TUP	eP	Pb	17 03 55.0	
TUP	eP	Pb	17 04 01.7	+0.6
TUP	ePmax		17 04 05.6	
TUP	eSg	Sb	17 04 57.7	+2.9
TUP	e		17 05 01.7	
TUP	e	max	17 05 02.6	
comp=N,1um,1.4s				
TUP Tupik	4.42 185	eP	17 04 01.7	+0.6
TUP	eSg	Sb	17 04 57.8	+2.9
comp=N,1um,1.4s				
TUP Tupik	4.42 185	eP	17 03 50.7	-0.1
TUP	eS	Sn	17 04 39.6	-3.2
comp=Z,41nm,0.5s				
TUP	e	smax		
comp=E,1um,0.9s				
SVKR Severomysk	4.67 238	eP	17 04 08.2	+2.7
SVKR	ePmax	Pb	17 04 12.7	
comp=E,137nm,0.5s				
SVKR	eSg	Sb	17 05 06.4	+6.3
SVKR	e		17 05 13.8	
comp=E,1um,0.5s				
UKT Uakit	5.06 232	ePn	17 03 59.5	-0.1
UKT	eP	Pb	17 04 14.7	+2.6
UKT	i/		17 04 15.6	
UKT	e	max	17 04 16.2	
comp=E,181nm,0.6s				
UKT	e		17 04 51.3	
UKT	eSg	Sb	17 05 20.0	+6.7
UKT	eSmax	Sb	17 05 35.3	
comp=E,186nm,0.8s				
UKT Uakit	5.06 232	i/P	17 03 59.6	-0.1
UKT	ePmax	Pmax		
comp=Z,205nm,0.5s				
CGD Chagda	5.20 87	ePn	17 04 03.0	+1.5
CGD	eP	Pb	17 04 18.4	+4.0
comp=Z,14nm,0.2s				
CGD	eSn	Sn	17 05 03.2	+1.3
CGD	eSn	Sn	17 05 03.2	+1.3
CGD	eSg	Sg	17 05 28.2	-1.6
comp=Z,793nm,0.3s				
YOA Uoyan	5.50 244	e	17 04 10.8	+5.2
YOA	e		17 04 15.9	
YOA	e	max	17 04 31.6	
comp=Z,157nm,0.8s				
YOA	e	Sg	17 05 31.2	+5.4
YOA	e	Smax	17 06 00.1	
comp=Z,2um,1.2s				
YAK Yakutsk	5.52 51	Pn	17 04 06.0	+0.2
YAK	comp=Z,0.2nm,0.3s,baz=238,slow=4.6,SNR=26	Pg	17 04 20.7	+0.8
comp=Z,1.2nm,0.3s,baz=239,slow=8.5,SNR=14		Pn	17 05 08.1	-1.7
YAK	comp=Z,1.3nm,0.3s,baz=208,slow=21,SNR=14	Lg	17 05 34.9	
YAK	comp=Z,2.2nm,0.3s,baz=98,slow=22,SNR=8.2	Lg	17 04 05.9	0.0
YAK Yakutsk	5.52 51	eP	17 05 06.7	
YAK	e	Pmax		
YAK	e	Smax		
comp=E,29nm,0.3s				
YAK	e	smax		
comp=N,19nm,0.3s				
YAK	e	smax		
KROS Kirovskiy	5.62 139	eSg	17 05 38.1	-5.3
KROS	eSg	Sg	17 05 38.1	-5.3
comp=N,370nm,1.0s				
YCRN Chernyshevskiy	5.78 320	ePn	17 04 10.2	+0.8
YCRN	eP	Pb	17 04 27.4	+3.2
comp=N,19nm,0.5s				
YCRN	eSn	Sn	17 05 16.4	+0.2
YCRN	eSn	Sn	17 05 16.4	+0.2
YCRN	eSg	Sg	17 05 44.2	-4.2
comp=N,250nm,0.7s				
KMO Kumora	5.88 244	ePn	17 04 12.3	+1.4
KMO	eP	Pb	17 04 19.4	
KMO	eP	Pb	17 04 29.8	+3.8
KMO	ePmax	Pb	17 04 32.5	
comp=N,63nm,0.6s				
KMO	e	Sg	17 04 34.5	
KMO	e	Sg	17 05 46.5	-5.1
KMO	e	Smax	17 05 51.5	
comp=N,486nm,1.0s				
BMKR Bomnak	6.12 129	Pn	17 04 15.1	+1.0
BMKR	ePn	Sn	17 05 23.6	-0.8
BMKR	eSn	Sn	17 05 23.6	-0.8
BMKR	eSg	Sg	17 05 55.8	-3.3
comp=N,204nm,0.2s				
ZEA Zeya	6.29 141	eP	17 04 17.4	+1.0
ZEA	e	Pn	17 05 26.2	
comp=Z,39nm,0.4s				
ZEA	e	Pmax		
comp=N,58nm,0.4s				
ZEA	e	smax		
comp=Z,19nm,0.4s				
ZEA	e	smax		
comp=E,73nm,0.8s				
ZEA	e	smax		
comp=N,500nm,5.0s				
ZEA	e	MLR		
comp=Z,300nm,5.0s				
YLVR Ulyunkhan	6.52 237	ePn	17 04 19.5	-0.1
YLVR	e	Pb	17 04 25.0	
YLVR	eP	Pb	17 04 40.9	+4.1
YLVR	ePmax	Pb	17 04 44.7	
comp=Z,28nm,0.7s				
YLVR	eSg	Sg	17 06 06.1	-5.9
YLVR	eSmax	Sg	17 06 23.3	
comp=Z,176nm,1.1s				
NIZ Nizh Angarsk	6.73 248	ePn	17 04 24.1	+1.6
NIZ	eP	Pb	17 04 42.9	+2.5
NIZ	ePmax	Pb	17 04 48.9	
comp=Z,19nm,0.6s				
NIZ	e	Sb	17 05 56.6	
NIZ	eSg	Sb	17 06 10.1	+8.9
NIZ	eSmax	Sb	17 06 33.7	
comp=Z,235nm,1.0s				
NIZ Nizh Angarsk	6.73 248	eP	17 04 24.1	+1.6
NIZ	eS	Sn	17 05 39.5	-0.1
comp=Z,15nm,0.8s				
NIZ	e	smax		
comp=N,202nm,0.8s				
SYVR Suvo	7.85 233	eP	17 05 05.3	+5.8
SYVR	ePmax	Pb	17 05 35.3	

SYVR	eSg	Sb	17 06 44.9	+1.2
SYVR	eSmax	Sb	17 07 11.2	
comp=N,170nm,1.6s				
CIT Chita	7.91 214	eSg	17 06 47.5	+1.3
CIT	eSmax	Sb	17 06 55.2	
comp=N,355nm,1.6s				
MXMB Maximikha	8.66 235	e	17 05 16.6	+2.8
MXMB	e	Pn	17 06 38.8	
MXMB	e	Pn	17 06 50.6	
MXMB	eSg	Sn	17 07 12.3	+4.5
OGRR Ongureny	8.91 240	e	17 05 54.3	+1.9
OGRR	e	Pn	17 05 28.8	
OGRR	e	max	17 05 33.8	
comp=N,9.0nm,0.8s				
OGRR	eSg	Sn	17 07 20.0	+4.7
OGRR	e	max	17 07 30.3	
OGRR	e	max	17 07 44.9	
comp=N,107nm,1.3s				
OGRR Ongureny	8.91 240	eP	17 04 54.9	+2.5
OGRR	ePmax	Pn		
comp=Z,1.0nm,0.1s				
KELR Kotokel	9.30 235	e	17 07 22.4	
KELR	eSg	Sn	17 07 31.6	+4.9
KELR	e	Sn	17 07 38.8	+5.0
HIA Hailar	9.59 183	eSg	17 07 49.4	+5.2
ZRHB	eSg	Sn	17 05 40.7	+3.3
ZRHB	eSg	Sn	17 05 40.7	+3.3
TRG Tyrgan	10.06 239	e	17 06 09.7	
TRG	e	max		
comp=Z,2.0nm,0.5s				
TRG	eSg	Sn	17 07 53.4	+5.2
TRG	e	max	17 08 10.0	
TRG	e	max	17 08 09.4	
comp=Z,85nm,1.2s				
UUDB Ulan-Yde	10.13 232	e	17 07 11.5	
UUDB	eSg	Sn	17 07 57.1	+5.4
UUDB	e	Sn	17 08 01.1	
UUDB	e	max	17 08 17.9	
comp=Z,101nm,1.1s				
KPC Khapcheranga	10.32 211	ePn	17 05 13.3	+1.6
KPC	eSg	Sn	17 08 02.3	+5.5
KPC	eSmax	Sn		
comp=Z,153nm,1.7s				
KAB Kabansk	10.42 235	eSg	17 08 04.7	+5.4
KAB	e	Sn	17 08 11.1	
KAB	e	max	17 08 52.0	
comp=Z,283nm,1.0s				
STDB Stepyno Dvoret	10.46 237	eSg	17 08 06.1	+5.5
STDB	e	Sn	17 08 20.7	
HRMR Khuramsha	10.61 233	e	17 05 51.8	+3.6
HRMR	e	Pn	17 05 59.2	
comp=Z,6.0nm,0.8s				
HRMR	e	Sn	17 07 46.9	
HRMR	eSg	Sn	17 08 10.8	+5.6
HRMR	e	Sn	17 08 20.9	
HRMR	e	max	17 08 52.5	
comp=Z,176nm,0.9s				
BGT Bolshoye Golou	10.97 238	eSg	17 08 21.5	+5.8
BGT	e	Sn	17 08 34.8	
BGT	e	max	17 08 40.6	
comp=Z,66nm,1.2s				
LSTR Listvyanka	11.35 239	e	17 08 28.9	
LSTR	eSg	Sn	17 08 31.1	
LSTR	eSmax	Sn	17 08 58.0	
comp=Z,57nm,1.5s				
IVK Ivanovka	11.58 240	e	17 08 01.2	
IVK	eSg	Sn	17 08 42.2	
IVK	eSmax	Sn	17 08 56.8	
comp=Z,86nm,1.7s				
KLR Kul'dur	11.61 141	Pn	17 05 29.6	+0.3
KLR	comp=Z,1.1nm,0.3s,baz=328,slow=14,SNR=28	Lg	17 08 50.9	
comp=Z,0.6nm,0.3s,baz=76,slow=5,SNR=7.7		Lg		
KLR Kul'dur	11.61 141	eP	17 05 30.3	+1.0
TLR	eSg	Pn	17 08 54.9	
TLR	e	Pn	17 09 14.2	
TLR	e	max	17 09 15.9	
comp=Z,61nm,1.4s				
ARS Arshan	12.41 244	e	17 08 11.2	
ARS	e	Sn	17 08 59.1	
ARS	eSg	Sn	17 09 09.0	
ARS	eSmax	Sn	17 09 21.2	
comp=Z,266nm,1.0s				
ZAK Zakamensk	13.10 237	e	17 08 15.5	
ZAK	eSg	Sb	17 09 27.8	+4.6
ZAK	eSmax	Sb	17 09 46.9	
comp=Z,43nm,1.4s				
MOY Mondy	13.26 246	e	17 06 42.2	+4.0
MOY	e	P	17 07 12.3	
MOY	e	max	17 07 14.5	
comp=Z,10.0nm,0.4s				
MOY	e	Sn	17 08 33.8	
MOY	e	Sn	17 08 54.8	
MOY	eSg	S	17 09 31.2	+4.7
MOY	e	S	17 09 36.4	
MOY	e	max	17 09 44.1	
comp=Z,99nm,1.2s				
ORL Orlik	13.28 251	ePn	17 05 53.0	+0.7
ORL	e	Pn	17 08 00.0	
ORL	e	max	17 06 59.7	
comp=Z,3.0nm,0.5s				
ORL	e	Sn	17 08 17.5	
ORL	e	Sn	17 08 57.2	
ORL	eSg	S	17 09 32.2	+4.7
ORL	eSmax	S	17 09 43.2	
comp=Z,81nm,2.0s				
TIXI Tiksi	13.31 11	Pn	17 05 49.1	-3.4
TIXI	comp=Z,0.6nm,0.3s,baz=188,slow=6.8,SNR=3.3	Pn		
comp=Z,2.0nm,0.3s,baz=321,slow=12,SNR=3.9		Sn	17 08 11.3	-9.4
ULAN Ulanbaatar	13.61 222	eP	17 05 56.7	0.0
SUNM	eP	Pn	17 05 58.2	-2.0
SUNM Sogino Array	13.87 224	Pn	17 05 58.2	-2.0
SUNM	comp=Z,0.1nm,0.3s,baz=34,slow=10,SNR=1.7	Pn		
comp=Z,0.7nm,0.3s,baz=26,slow=27,SNR=8.3		Lg	17 09 58.7	
SUNM	15.16 271	eP	17 11 48.5	
comp=Z				

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TPUB	baz=270	S	Sg	17 10 55.9 -0.5
TPUB	baz=270	S	Sg	17 10 55.9 -0.5
ENTT	baz=342	eS	Sb	17 10 54.7 -0.4
ECL	baz=229	eS	Pn	17 10 58.4 -0.1
ECL	baz=229	eS	Sb	17 10 53.1 -2.0
WHP	baz=311	S	Pg	17 10 40.1 -0.1
WHP	baz=311	S	Sn	17 10 55.9 +0.3
WNT	baz=290	eS	Pg	17 10 40.9 +0.7
WNT	baz=290	eS	Sg	17 10 57.7 +0.6
WTP	baz=268	S	Pg	17 10 40.6 +0.3
WTP	baz=268	S	Sg	17 10 57.3 +0.1
CHN4	baz=266	eS	Pg	17 10 41.1 +0.6
CHN4	baz=266	eS	Sg	17 10 57.3 -0.1
SLGT	baz=246	eS	Pg	17 10 40.8 -0.1
SLGT	baz=246	eS	Sg	17 10 57.1 -1.1
TWE	baz=340	S	Pb	17 10 55.7 -0.7
TWE	baz=340	S	Sn	17 10 55.7 -0.7
JYNG	baz=281	S	Pb	17 10 40.6 +0.6
JYNG	baz=281	S	Sn	17 10 56.9 +0.2
WGK	baz=281	S	Pg	17 10 41.8 +0.4
WGK	baz=281	S	Sg	17 10 59.1 +0.1
ILA	baz=350	eP	Pg	17 10 41.1 -0.3
ILA	baz=350	eP	Sb	17 10 57.7 +0.3
SGST	baz=248	S	Pg	17 10 40.7 -0.8
SGST	baz=248	S	Sg	17 10 58.4 -0.7
YHNB	baz=335	eS	Pb	17 10 40.8 +0.2
YHNB	baz=335	eS	Sb	17 10 56.0 -1.6
YHNB	baz=335	eS	Pb	17 10 40.8 +0.2
YHNB	baz=335	eS	Pg	17 10 42.1 +0.3
WDLH	baz=280	eS	Sg	17 11 00.0 +0.3
NSK	baz=335	eS	Pb	17 10 41.0 +0.2
NSK	baz=335	eS	Sn	17 10 56.7 -1.2
CHN1	baz=259	eS	Pg	17 10 42.4 +0.4
CHN1	baz=259	eS	Sg	17 11 00.4 +0.5
YOJ	baz=54	eS	Pb	17 10 41.3 +0.4
YOJ	baz=54	eS	Sn	17 10 57.3 -0.5
YOJ	baz=54	eS	Pb	17 10 41.2 +0.4
YOJ	baz=54	eS	Sn	17 10 57.3 -0.1
YOJ	baz=54	eS	Pb	17 10 40.9 +0.1
YOJ	baz=54	eS	Pg	17 10 42.6 +0.2
SNST	baz=261	eS	Sg	17 11 00.9 +0.2
SNST	baz=261	eS	Sg	17 11 00.9 +0.2
TWK	baz=263	eS	Pg	17 10 42.5 +0.1
TWK	baz=263	eS	Sg	17 11 00.5 -0.2
CHN2	baz=274	eS	Pg	17 10 43.2 +0.7
CHN2	baz=274	eS	Sg	17 11 01.6 +0.7
TCU	baz=300	eP	Pg	17 10 42.9 +0.4
TCU	baz=300	eP	Sg	17 11 01.8 +0.8
NWL1	baz=330	eS	Pb	17 10 41.8 +0.3
NWL1	baz=330	eS	Sn	17 10 58.8 -0.1
NTC	baz=354	eP	Pg	17 10 42.6 -0.4
NTC	baz=354	eP	Sb	17 10 59.7 +0.1
SSD	baz=238	eS	Pb	17 10 41.6 -0.1
SSD	baz=238	eS	Sn	17 10 58.7 -0.5
LAY	baz=187	eP	Pn	17 10 40.5 -0.4
LAY	baz=187	eP	Pg	17 10 43.5 +0.2
TWQ1	baz=309	eS	Pg	17 11 01.1 -1.1
TWQ1	baz=309	eS	Sg	17 11 01.1 -1.1
CHY	baz=272	eP	Pg	17 10 43.5 +0.2
CHY	baz=272	eP	Sg	17 11 01.6 -0.7
WCHH	baz=295	eS	Pg	17 10 43.9 +0.1
WCHH	baz=295	eS	Sg	17 11 03.2 +0.2
TAW	baz=232	eS	Pb	17 10 41.7 -0.7
TAW	baz=232	eS	Sn	17 10 58.3 -2.0
EAST	baz=225	eP	Pn	17 10 41.9 +0.4
EAST	baz=225	eP	Pb	17 10 42.7 -0.2
MASBT	baz=311	eS	Sn	17 11 00.1 -0.8
MASBT	baz=311	eS	Pg	17 10 44.3 0.0
NSY	baz=311	eS	Sg	17 11 02.9 -1.0
NSY	baz=311	eS	Pg	17 10 43.9 -0.5
NSTT	baz=322	S	Sn	17 11 01.1 +0.1
NSTT	baz=322	S	Pg	17 10 44.2 -0.3
LIOB	baz=323	eS	Sb	17 11 01.5 -0.5
LIOB	baz=323	eS	Pb	17 10 44.1 +0.5
TIPB	baz=7.0	S	Sn	17 11 02.3 +0.3
TIPB	baz=7.0	S	Pg	17 10 45.8 +0.6
CHN3	baz=256	eS	Pg	17 11 06.7 +1.4
CHN3	baz=256	eS	Sg	17 10 44.8 -0.4
WDJ	baz=319	eS	Sg	17 11 04.4 -1.0
SGLT	baz=241	eP	Pg	17 10 46.2 +0.8
SGLT	baz=241	eP	Sb	17 10 44.9 -0.6
PTSB	baz=324	eS	Pg	17 11 04.2 +0.7
PTSB	baz=324	eS	Pg	17 10 44.8 -0.7
NMLH	baz=314	eS	Sb	17 11 04.2 +0.7
NMLH	baz=314	eS	Sg	17 10 44.8 -0.7
WLGB	baz=271	S	Pg	17 10 44.8 -0.7
WLGB	baz=271	S	Sg	17 11 05.1 -0.8
TWB1	baz=360	eP	Pb	17 10 44.1 0.0
TWB1	baz=360	eP	Sn	17 11 01.9 -0.7

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TWMI	Shoushan	1.57 248	JP	Pg	17 10 46.4 +0.7
TWMI	baz=247	eS	Sg	17 11 07.9 +1.7	
WLTB	baz=244	1.57 334	JP	Pg	17 10 45.1 -0.6
WLTB	baz=244	eS	Sb	17 11 04.4 +0.6	
RLNB	baz=344	1.58 287	eP	Sg	17 10 45.2 -0.5
RLNB	baz=276	eS	Pg	17 11 05.8 -0.5	
NHHD	baz=276	1.59 344	eP	Pb	17 10 44.6 +0.3
NHHD	baz=333	S	Sn	17 11 03.5 +0.5	
TWA	baz=333	1.59 346	JP	Pb	17 10 44.8 +0.4
TWA	baz=336	S	Pb	17 11 04.0 -0.3	
TATO	baz=336	1.61 343	JP	Pb	17 10 44.9 +0.2
TATO	baz=343	eS	Sn	17 11 04.0 +0.5	
TATO	baz=343	1.61 343	JP	Pb	17 10 44.7 0.0
TATO	baz=229	1.62 235	eP	Pb	17 10 45.3 +0.4
TWCT	baz=274	1.64 286	eP	Pg	17 10 45.9 -1.0
TWCT	baz=274	eS	Sg	17 11 06.9 -1.4	
SBCB	baz=325	1.65 326	P	Pg	17 11 06.2 -0.9
SBCB	baz=325	S	Sb	17 10 46.0 +0.2	
NWF	baz=353	1.65 353	P	Pb	17 10 45.9 +0.5
NWF	baz=353	eS	Sb	17 11 05.9 -0.1	
WFSB	baz=4.0	1.65 353	P	Pb	17 10 45.9 +0.5
WFSB	baz=4.0	eS	Sb	17 11 05.7 -0.2	
WSF	baz=277	1.65 278	eP	Pb	17 10 45.6 +0.2
WSF	baz=277	eS	Sb	17 11 06.0 +0.1	
CHN8	baz=267	1.65 267	eP	Pg	17 10 46.0 +0.6
CHN8	baz=267	eS	Sg	17 11 07.0 -1.6	
SCZT	baz=225	1.65 231	eP	Pb	17 10 45.2 -0.2
SCZT	baz=225	eS	Sb	17 11 05.2 -0.8	
HSN	baz=327	1.66 326	P	Pg	17 10 46.4 -1.0
HSN	baz=327	eS	Sb	17 11 06.9 +0.6	
TAP	baz=334	1.67 344	eP	Pb	17 10 46.3 +0.6
TAP	baz=334	eS	Sn	17 11 04.9 0.0	
WMLT	baz=270	1.68 283	eP	Pb	17 10 46.2 +0.4
WMLT	baz=270	eS	Sg	17 11 08.1 -1.3	
SNJT	baz=246	1.68 247	JP	Pg	17 10 47.9 +0.2
SNJT	baz=246	eS	Sg	17 11 10.0 +0.5	
TAI1	baz=256	1.68 257	eP	Pg	17 10 47.2 -0.5
TAI1	baz=256	eS	Sg	17 11 09.5 0.0	
SCLT	baz=261	1.68 262	P	Pg	17 10 46.8 -0.9
SCLT	baz=261	eS	Sg	17 11 08.6 -1.0	
NCUH	baz=334	1.71 334	eP	Pb	17 10 46.6 +0.3
NCUH	baz=334	eS	Sb	17 11 07.6 +0.1	
NCU	baz=334	1.71 334	eP	Pb	17 10 46.4 +0.1
NCU	baz=334	S	Sb	17 11 07.7 +0.1	
TWS1	baz=342	1.75 342	eP	Pb	17 10 46.7 -0.4
TWS1	baz=342	eS	Sb	17 11 08.0 -0.8	
YMO1	baz=332	1.75 347	P	Pb	17 10 46.9 -0.4
YMO1	baz=332	eS	Sn	17 11 07.5 +0.3	
HATJ	baz=257	1.77 69	P	Pb	17 10 46.4 -0.9
HATJ	baz=257	eS	Sn	17 11 07.2 -0.1	
YMO10	baz=332	1.77 347	eP	Pb	17 10 46.9 -0.5
YMO10	baz=332	eS	Sn	17 11 07.5 +0.1	
YMO4	baz=334	1.77 346	JP	Pb	17 10 46.8 -0.6
YMO4	baz=334	eS	Sn	17 11 06.7 -0.8	
YMO5	baz=332	1.77 347	JP	Pb	17 10 46.9 -0.6
YMO5	baz=332	eS	Sn	17 11 07.4 -0.3	
YMO11	baz=333	1.77 347	eP	Pb	17 10 47.1 -0.4
YMO11	baz=333	eS	Sb	17 11 08.9 -0.7	
KAU	baz=257	1.78 242	eP	Pg	17 10 49.1 -0.5
KAU	baz=257	eS	Sg	17 11 12.4 -0.4	
YMO8	baz=333	1.79 348	eP	Pb	17 10 47.0 -0.9
YMO8	baz=333	eS	Sn	17 11 07.7 -0.4	
YMO3	baz=333	1.79 346	JP	Pb	17 10 47.1 -0.8
YMO3	baz=333	eS	Sn	17 11 08.8 +0.6	
NTST	baz=344	1.80 344	eP	Pb	17 10 47.2 -0.7
NTST	baz=344	eS	Sn	17 11 08.7 +0.4	
ANP	baz=335	1.81 346	eP	Pb	17 10 47.4 -0.7
ANP	baz=335	eS	Sn	17 11 09.0 +0.6	
IRIF	baz=335	1.82 60	P	Pb	17 10 47.3 -1.0
IRIF	baz=335	S	Sn	17 11 09.1 +0.4	
TSEB	baz=215	1.83 214	eP	Pb	17 10 48.5 0.0
TSEB	baz=215	eS	Sb	17 11 10.6 -0.6	
HEN	baz=219	1.84 220	eP	Pb	17 10 48.2 -0.4
HEN	baz=219	eS	Sn	17 11 09.9 +0.8	
WLCH	baz=234	1.84 235	eP	Pg	17 10 51.4 +0.6
WLCH	baz=234	eS	Sg	17 11 15.2 +0.5	
TWKBT	baz=217	1.84 217	eP	Pb	17 10 47.8 -0.9
TWKBT	baz=217	eS	Sn	17 11 09.8 +0.5	
TWK1	baz=217	1.85 217	eP	Pb	17 10 47.8 -1.0
TWK1	baz=217	eS	Sn	17 11 09.3 -0.1	
TWP	baz=234	1.86 235	eP	Pg	17 10 51.2 +0.1
TWP	baz=234	eS	Sg	17 11 14.8 -0.5	
TWY	baz=335	1.88 349	eP	Pb	17 10 48.6 -0.6
TWY	baz=335	eS	Sn	17 11 10.5 +0.4	
JKRS	baz=335	2.00 66	P	Pb	17 10 50.1 -1.3
JKRS	baz=335	S	Sn	17 11 13.5 +0.2	
WDGT	baz=265	2.16 266	JP	Pb	17 10 52.5 -1.6
WDGT	baz=265	eS	Sn	17 11 16.7 -0.4	

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JJJ	baz=265	2.17 64	P	Pn	17 10 51.7 +0.9
JJJ	baz=265	S	Pn	17 11 16.4 -0.9	
PCYT	baz=265	2.19 2	eP	Pb	17 10 53.0 -1.7
PHUB	baz=259	2.23 273	JP	Pb	17 10 53.4 -2.0
PHUB	baz=259	eS	Sn	17 11 18.6 -0.4	
PNG	baz=273	2.25 274	JP	Pb	17 10 53.7 -1.9
PNG	baz=273	eS	Sn	17 11 19.8 +0.4	
VCHM	baz=264	2.38 265	JP	Pn	17 10 55.3 +1.7
VCHM	baz=264	eS	Sn	17 11 21.8 -0.6	
JISG	baz=264	2.40 61	P	Pn	17 10 54.7 +0.7
JISG	baz=264	S	Sn	17 11 22.2 -0.9	
JTJ	baz=304	2.75 63	P	Pn	17 11 00.0 +1.3
JTJ	baz=304	S	Pn	17 11 31.2 -0.4	
VWUC	baz=304	2.80 304	JP	Pn	17 11 00.4 +0.9
PTTC	baz=316	2.90 316	eP	Pn	17 11 01.5 +0.7
PTMZ	baz=301	3.08 302	eP	Pn	17 11 04.4 +1.0
PTMZ	baz=301	eS	Sn	17 11 38.6 -1.3	
JIRB	baz=315	3.21 64	P	Pn	17 11 06.0 +0.8
JIRB	baz=315	S	Pn	17 11 42.3 -0.8	
MATB	baz=64	3.29 326	eP	Pn	17 11 06.9 +0.6
JMJ	baz=64	3.31 65	eP	Pn	17 11 08.2 +1.8
JMJ	baz=64	eS	Sn	17 11 44.6 -0.9	
JMJ2	baz=64	3.31 66	P	Pn	17 11 08.0 +1.6
JMJ2	baz=64	S	Sn	17 11 45.0 -0.4	
JIKM	baz=315	3.31 63	P	Pn	17 11 07.5 +0.9
JIKM	baz=315	S	Pn	17 11 44.6 -1.0	
JOGS	baz=287	3.38 66	P	Pn	17 11 09.2 +1.7
JOGS	baz=287	S	Sn	17 11 47.5 +0.3	
KNM	baz=287	3.41 287	eP	Pn	17 11 10.8 +2.9
QZH	comp=N,460nm,0.3s	3.46 297	JP	Pn	17 11 09.7 +1.1
QZH	comp=N,460nm,0.3s	smax	smax	Sn	17 11 47.4 -1.8
QZH	comp=N,460nm,0.3s	smax	smax	Sn	17 11 09.8 +1.1
KNMB	baz=286	3.46 288	JP	Pn	17 11 09.7 +1.1
KNMB	baz=286	eS	Pn	17 11 12.9 +0.8	
LYJJ	baz=316	3.71 327	eP	Pn	17 11 13.8 +0.7
MHZQ	baz=316	3.79 315	eP	Pn	17 11 14.3 +0.3
XPSS	baz=336				

VTS	comp=Z,0.4nm,0.5s,baz=56,slow=6.0,SNR=3.7				
VTS	Vitoshá	80.60 312	Iamb	P	17 22 28.1 +0.6
					17 22 29.0
YKA	comp=Z,4.1nm,0.7s	83.37 23		P	17 22 41.4 -0.1
	Yellowknife Ar	83.37 23			
	comp=Z,1.2nm,0.6s,baz=56,slow=5.2,SNR=5.2				
GERES	GERES Array B	83.90 321	P	P	17 22 45.0 +0.4
	comp=Z,1.8nm,0.5s,baz=56,slow=5.3,SNR=11				

GO02	Mina Guanaco	8.59 167	Pn	Pn	17 21 40.1 -0.9
AC01	Pan de Azucar	9.39 173	Pn	Pn	17 21 49.1 -2.7
AC02	Maricunga	10.30 167	Pn	Pn	17 22 04.4 -0.3
SIV	San Ignacio	10.30 87	Pn	Pn	17 22 03.0 -1.4
	comp=Z,6.2nm,0.3s,baz=275,slow=12,SNR=70				
	LR				17 26 09.4

WWT	Waverly	54.77 344	P	P	17 29 04.1 -0.6
UALR	University of	54.87 339	P	P	17 29 05.2 -0.3
UALR	comp=Z,1.8nm,1.0s				
T50A	Nancy	54.91 347	Iamb	P	17 29 05.8 +0.1
T50A	comp=Z,8.2nm,0.8s				
MIAR	Mount Ida	55.09 338	P	P	17 29 07.2 +0.1
MIAR	comp=Z,1.5nm,0.9s				
W41B	Gary Mavity, V	55.20 340	P	P	17 29 06.6 -1.3
TX32	Lajitas Array	55.23 326	P	P	17 29 07.8 -0.5
TXAR	Lajitas Array	55.23 326	P	P	17 29 09.3 +1.1
	comp=Z,0.6nm,0.7s,baz=151,slow=11,SNR=5.7				
TX31	Lajitas Ar	55.23 326	Iamb	P	17 29 08.0 -0.3
TX31	comp=Z,2.2nm,1.1s				

IDC 09 17:11:18.4s.6.7.73S-155.57E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/34, mbtmp4.0/3, Error ellipse: s-maj=97.0km s-min=74.8km az=1.0, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	23.88 237	Op	ISC	h m s ISC
	1.2nm,0.5s,baz=64,slow=9.9,SNR=11				17 16 34.1 +0.2
ASAR	Alice Springs	26.13 230	P	P	17 16 54.2 -0.3
	1.4nm,0.8s,baz=56,slow=11,SNR=13				
STKA	Stephens Creek	27.33 207	P	P	17 17 05.2 +0.1
	3.3nm,0.6s,baz=31,slow=13,SNR=5.9				

GO03	Copiap	10.86 173	Pn	Pn	17 22 09.7 -2.2
AC04	Llanos de Chal	11.39 177	Pn	Pn	17 22 15.5 -3.6
SAML	Samuel	11.43 48	Pn	Pn	17 22 18.5 -1.3
SAML	Samuel	11.43 48	eP	Pn	17 22 18.8 -1.0
ATAH	Atahualpa	11.56 325	P	P	17 22 27.7 +5.7
	comp=Z,0.4nm,0.3s,baz=166,slow=7.3,SNR=5.8				
VILB	Vilhena	11.82 73	eS	Pn	17 22 24.7 -0.4
VILB	AC05	12.08 174	eS	Pn	17 24 37.1 +1.3
PT01	Pontes e Lacer	12.22 86	eP	Pn	17 22 29.4 -1.2
CTLJ	Juntas del Tor	13.23 174	Pn	Pn	17 22 43.5 -1.0
GO04	Tololo Observa	13.36 176	Pn	Pn	17 22 42.8 -3.6
CO03	El Pedregal	14.03 176	Pn	Pn	17 22 53.2 -2.1
CO02	Combarbala	14.38 177	P	P	17 22 57.0 -3.0
ZON	Zonda	14.97 170	P	P	17 23 10.4 -2.4
CFR	Coronel Fontan	15.11 168	P	P	17 23 10.9 +1.2
	comp=Z,1.1nm,0.3s,baz=353,slow=13,SNR=22				
VA03	San Esteban	15.56 176	P	Pn	17 23 18.1 -2.6
ROCI	El Roble	16.14 176	P	Pn	17 23 22.5 -0.6
PEL	Pedestal	16.32 177	P	Pn	17 23 27.8 -2.8
MT02	Curacav	16.42 178	P	Pn	17 23 26.6 -0.1
CPUP	Villa Florida	16.45 128	P	Pn	17 23 24.6 -2.3
	comp=Z,0.6nm,0.3s,baz=307,slow=3.7,SNR=3.2				
CPUP	comp=Z,212nm,18.1s,baz=302,slow=42				
CPUP	Villa Florida	16.45 128	P	Pn	17 23 25.9 -1.0
MT05	Renca	16.57 177	Pn	Pn	17 23 25.1 -3.3
CLDB	Colider	16.59 71	Pn	Pn	17 23 27.4 -1.3
BO01	Tunca	17.55 178	P	Pn	17 23 40.9 -0.4
H03N1	Juan Fernandez	17.79 200	T	T	17 41 44.7
	baz=23,slow=73,SNR=2168				
H03N2	Juan Fernandez	17.80 200	T	T	17 41 45.1
	baz=23,slow=73,SNR=2168				
H03N3	Juan Fernandez	17.81 200	T	T	17 41 46.4
	baz=23,slow=73,SNR=2168				
BO02	Sierra Bellavi	17.96 177	P	P	17 23 47.4 +1.4
PAC1	Pacto, Paraso	18.30 337	eP	Pn	17 24 02.0 +1.2
NPGB	Novo Progreso	18.74 61	eP	Pn	17 23 53.5 -1.1
TRCB	Terra Rica	19.27 111	eP	S	17 23 57.4 -0.7
	19.27 111	eP	S	S	17 23 57.2 +1.3

W39A	Magazine	55.75 338	P	P	17 29 08.4 -3.4
W39A	comp=Z,1.6nm,0.9s				
X37A	Clayton	55.80 336	P	P	17 29 08.7 -3.5
X37A	comp=Z,1.8nm,1.1s				
FCAR	Ozark Folk Cen	55.81 340	P	P	17 29 08.7 -3.6
FCAR	comp=Z,7.6nm,0.8s				
ABTX	Abilene, Hawle	55.90 332	P	P	17 29 09.9 -3.0
Q56A	Snyder Ridge	55.96 353	P	P	17 29 10.3 -2.9
R50A	Paris	56.02 348	Iamb	P	17 29 10.7 -3.0
R50A	comp=Z,2.2nm,1.3s				
PBMO	Poplar Bluff	56.11 342	P	P	17 29 11.2 -3.1
PBMO	comp=Z,1.3nm,0.7s				
WCI	Wyandotte Cave	56.39 346	P	P	17 29 13.8 -2.5
U40A	Yellville	56.58 340	P	P	17 29 13.9 -3.1
U40A	comp=Z,1.6nm,0.8s				
T42A	Van Buren	56.54 342	P	P	17 29 14.6 -2.7
S44A	Carbondale	56.62 343	P	P	17 29 16.7 -1.3
HHAR	Hobbs	56.78 339	Iamb	P	17 29 16.5 -2.7
HHAR	comp=Z,1.2nm,0.8s				
X34A	Smith Ranch, M	56.79 334	P	P	17 29 16.7 -2.5
W35A	Corning	56.68 335	P	P	17 29 17.1 -2.9
P52A	Corning	56.95 350	Iamb	P	17 29 18.0 -2.2
P52A	comp=Z,1.1nm,0.9s				
MGMO	Mountain Grove	57.02 341	P	P	17 29 17.8 -3.0
MGMO	comp=Z,1.3nm,0.8s				
U38A	Gravette	57.08 338	P	P	17 29 18.5 -2.8
U38A	comp=Z,1.1nm,1.1s				
O56A	Blue Knob Stat	57.10 354	P	P	17 29 21.4 0.0
TUL1	Leonard	57.13 337	Iamb	P	17 29 18.4 -3.2
TUL1	comp=Z,2.6nm,1.1s				
FNO	Franklin	57.16 335	P	P	17 29 19.7 -2.3
O52A	Adamsville	57.37 351	Iamb	P	17 29 23.2 -0.1
O52A	comp=Z,1.7nm,1.2s				
Q44A	Meyer Farm, Va	57.70 344	P	P	17 29 23.8 -1.7
Q44A	comp=Z,2.1nm,0.9s				
QUOK	Quay	57.70 336	P	P	17 29 22.6 -3.0
GDL2	Guadalupe Moun	57.85 327	P	P	17 29 24.2 -2.7
O49A	Covington	57.87 349	P	P	17 29 27.2 +0.5
O49A	comp=Z,2.8nm,0.8s				
MNTX	Cornudas Moun	57.99 326	P	P	17 29 26.8 -1.0
M57A	Sunshine Farm,	58.03 355	P	P	17 29 25.3 -2.6
M57A	comp=Z,1.6nm,0.8s				
R40A	Maddies State	58.06 341	P	P	17 29 25.9 -2.2
R40A	comp=Z,1.0nm,0.7s				
M56A	Emporium	58.27 354	P	P	17 29 27.8 -1.7
T35A	Sooner Cattle	58.28 337	Iamb	P	17 29 27.7 -2.1
T35A	comp=Z,2.5nm,1.1s				
M55A	Ridgway	58.31 354	P	P	17 29 26.7 -3.2
M54A	Oil Creek Stat	58.45 353	P	P	17 29 28.3 -2.5
M54A	comp=Z,1.8nm,0.9s				
MSTX	Muleshoe	58.48 330	P	P	17 29 28.7 -2.5
MSTX	comp=Z,2.2nm,1.1s				
M53A	WI Miller and	58.51 352	P	P	17 29 30.9 -0.3
M53A	comp=Z,1.2nm,0.8s				
P43A	Skaggs, Pawnee	58.52 344	P	P	17 29 28.5 -2.8
N49A	Kolumbus Grove	58.55 349	P	P	17 29 28.5 -3.0
SPIN	Lafayette	58.62 346	Iamb	P	17 29 29.1 -2.9
SPIN	comp=Z,1.0nm,1.0s				
U32A	Winter Ranch,	58.80 334	P	P	17 29 31.1 -2.3
U32A	comp=Z,1.9nm,0.9s				
L56A	Greenwood	58.86 355	P	P	17 29 31.9 -1.8
P40A	Paris	59.13 342	Iamb	P	17 29 34.5 -1.1
P40A	comp=Z,1.0nm,0.8s				
MMNV	Mt. Morris Dam	59.48 355	P	P	17 29 35.5 -2.4
MMNV	comp=Z,1.5nm,0.8s				
L48A	N Adams	59.59 349	P	P	17 29 36.3 -2.4
P38A	Dawn	59.67 341	Iamb	P	17 29 37.8 -1.5
P38A	comp=Z,1.2nm,1.1s				
N41A	Harden Midland	59.88 343	P	P	17 29 39.6 -1.0
J57A	Williamstown	60.02 356	P	P	17 29 39.1 -2.4
R32A	Long Quarter,	60.45 336	P	P	17 29 42.2 -2.4
BNM	Barren Site	60.55 327	P	P	17 29 42.2 -3.5
LENN	Lemitar	60.75 327	P	P	17 29 45.3 -1.6
ANMO	Albuquerque	61.08 328	P	P	17 29 51.1 +0.7
ANMO	comp=Z,1.3nm,0.7s,baz=57,slow=4.2,SNR=3.3				
L40A	Anamosa	61.08 328	P	P	17 29 45.9 -3.4
L40A	comp=Z,1.6nm,0.9s				
SADO	Sadowa	61.62 354	P	P	17 29 50.2 -2.2
G62A	West of Eustis	61.71 1	P	P	17 29 52.9 -0.1
JFWS	Jewell Farm	61.78 345	Iamb	P	17 29 53.0 -3.2
JFWS	comp=Z,1.3nm,1.1s				
T25A	Trinidad	61.83 331	P	P	17 29 51.5 -2.8
T25A	comp=Z,1.3nm,1.1s				
TRQ	Mont Tremant	62.76 358	P	P	17 29 58.3 -1.8
SDCO	Great Sand Dun	62.83 330	P	P	17 29 58.7 -2.4
BGNE	Belgrade	62.84 338	P	P	17 29 59.6 -1.1
X16A	Lo Mia Camp, P	63.37 324	P	P	17 29 03.5 -1.1
S22A	4UR Ranch, Cre	63.47 329	P	P	17 30 02.6 -2.7
D62A	Allochatt, All	63.61 2	Iamb	P	17 30 04.4 -1.3
D62A	comp=Z,1.2nm,0.8s				
Q24A	Divide	63.64 331	P	P	17 30 03.6 -2.9
Q24A	comp=Z,1.2nm,0.9s				
BELA	Belgrano 2	63.78 172	P	P	17 30 07.6 +1.1
K31A	O'Neill	64.12 338	P	P	17 30 08.5 -0.7
WU4Z	Wupatki	64.14 325	P	P	17 30 08.7 -0.9
ECSD	EROS Sta. Cent	64.37 340	P	P	17 30 08.5 -2.3
SPM1	Marine on Del	64.60 344	P	P	17 30 11.5 -0.7
PV01	Paradox Valley	64.63 328	Iamb	P	17 30 10.9 -2.0
PV01	comp=Z,8.8nm,1.0s				
PV15	Paradox Valley	64.74 329	P	P	17 30 13.2 -0.5
PV13	Radium Mtn., P	64.77 328	P	P	17 30 12.6 -1.2
PV13	comp=Z,6.5nm,0.9s				
PV05	Paradox Valley	64.85 328	P	P	17 30 13.5 -0.8
PV05	comp=Z,7.3nm,0.7s				

MEX 09 17:15:38.0d.4.14.66N-92.45W, h87km, 7km, MD3.7
 GCG 09 17:15:41.1d.0.6.15.06N-92.29W, h78km, 24km, MD3.7
 ICG 09 17:15:41.0d.2.1.14.8N-91.92S, h107km, 13km, n7.0
 az=089/13, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
THIG		0.23 65	Op	ISC	h m s ISC
THIG			Pn	Pn	17 15 50.4 +1.1
ERG	Entre ros, C	0.96 112	eS	Pn	17 16 13.4 +1.3
PCIG		1.14 322	eP	Pn	17 16 00.6 -0.5
PCIG			iS	Pn	17 16 17.1 +1.0
CCIG	Comitan	1.50 13	iP	Pn	17 16 05.4 -0.7
CCIG			iS	Pn	17 16 25.9 +0.8
FUG	Fuego 3	1.63 103	eP	Pn	17 16 07.4 -0.4
FUG			eS	Pn	17 16 27.6 -0.5
PCG	Pacaya	1.86 103	eP	Pn	17 16 11.1 +0.1
PCG			eS	Pn	17 16 34.1 +0.3
IXG	Ixpaco	2.08 108	eP	Pn	17 16 13.3 -0.5
IXG			eS	Pn	17 16 39.2 +0.4

VAO 09 17:19:34.9s.0.5.16.70S-71.81W, h10km, mb4.7
 NEIC 09 17:19:35.2s.2.5.16.69S-07.71W, 0.0.1, h16km, 3km,
 mb5.0/197, ML5.2(ARE), Error ellipse: s-maj=15.6km
 s-min=10.1km az=81.0

ARE 09 17:19:36.3s.3.16.87S-07.71W, 0.0.1, h42km, 4km,
 Error ellipse: s-maj=0.0km s-min=0.0km az=174.0
 SJA 09 17:19:40.1s.1.2.16.96S-72.09W, h35km, 22km, ML5.0,
 ML4.7

IDC 09 17:19:41.2s.1.9.16.72S-71.43W, h

9d 17h

Table of astronomical objects with columns for object name, coordinates, magnitude, and other details. Includes objects like PVO3, U15A, F36A, etc.

2014 JUL

Table of astronomical objects with columns for object name, coordinates, magnitude, and other details. Includes objects like YKA, DLBC, MAW, etc.

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Table of astronomical objects with columns for object name, coordinates, magnitude, and other details. Includes objects like HLD, HLID, HLID, etc.

NEIC 09 17:41:41.8, 1.9, 19.5N, 0.1:65.37W, 0.06, h41km, 46km, Error ellipse: s-maj=15.9km s-min=5.8km az=200.0

RSPR 09 17:41:41.4, 19.47N, 65.32W, h93km, 5km, M/D3.4/3

ISC 09 17:41:39.8, 2.1, 19.52N, 0.1:65.31W, 0.08, h16km, n22, az=36/27, 2C, Puerto Rico region

Table of astronomical objects with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes objects like CUPR, CUPR, CUPR, etc.

SOME 09 17:48:49.7, 39.33N, 73.13E, h5km

KRNE 09 17:48:53.7, 0.1, 39.37N, 73.66E, mb3.6

NNC 09 17:48:57.6, 3.4, 39.66N, 73.26E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=26.3km s-min=13.0km az=168.0

ISC 09 17:48:56.0, 1.2, 39.52N, 0.06:73.31E, 0.03, h10km, n54, az=209/85, 27C-8D, Tajikistan-Xinjiang border region

Table of astronomical objects with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes objects like OHH, ARS, ARS, etc.

9d 17h

Table with columns: PAE, P, T, 54.45, 57, eT, 19 06 06.8, etc. Includes entries like Taravao, Papeete2, Mantion Dam, etc.

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Table with columns: PB06, PB04, PB04, 85.07, 131, P, P, 18 10 46.4 -1.9, etc. Includes entries like IPOC Station P, Limon Verde, etc.

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Table with columns: RCBR, SRIG, HHC, HHC, HHC, 110.45, 158, IAMS_20, IAMS_20, 19 04 35.6, etc. Includes entries like Riachuelo, Santa Rosalia, Hu-ho-hao-te, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q24A Divide, KSH Kashi, HAWA Hanford, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, KUU Kurty, MAKZ Makanchi, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DGMT Dagmar, E28A Huff, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like NNSH Datong, TWC Suao, NNS Nan Shan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TPUB baz=216, STYT Tauyuan, WTP Ta-pu, etc.

ICC 09 18:11:33.7:0.9, 4.76S: 133.69E, h0km, mb4.0/3, mb1 4.2/9, mb1mx3.9/29, mbtmp4.1/9, ML3.8/6, MS4.4/3, Ms1 4.4/3, ms1mx3.5/41, Error ellipse: s-maj=30.4km s-min=18.9km az=65.0

NEIC 09 18:11:35.4:1.6, 4.7S:0.1, 133.78E:0.1, h13km, 6km, mb4.3/14, Error ellipse: s-maj=20.9km s-min=11.8km az=205.0

ISC 09 18:11:36.2:0.6, 4.91S:0.06, 133.65E:0.09, h25km, n31, c213/33, mb4.2/17, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like FAKI Fak Fak, SIJI Suroboyo, WRA Warramunga Arr, etc.

ICC 09 18:22:09.1:4.0, 9.37S: 133.47E, h0km, mb3.7/2, mb1 3.6/5, mb1mx3.4/33, mbtmp3.5/5, ML3.2/3, Error ellipse: s-maj=243.6km s-min=26.9km az=76.0, Irian Jaya region

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

ICC 09 18:29:52.6:0.9, 33.78S: 179.24W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/36, mbtmp4.2/6, Error ellipse: s-maj=32.7km s-min=26.1km az=57.0

NEIC 09 18:29:53.7:1.5, 33.7S:0.1, 179.2W:0.2, h10km, 1km, mb4.1/15, Error ellipse: s-maj=26.2km s-min=18.8km az=116.0

WEL 09 18:30:03.0:0.5, 35.5S: 17.9W, h33km, M4.4/33, mb4.9/14, ML5.0/33, MLv4.8/33, Mw(mB)4.2/14

ISC 09 18:29:59.4:0.7, 34.02S:0.07, 179.2W:0.1, h50km, n100, c213/115, mb4.4/12, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WMGZ Waiomatatini S, PKGZ Pakihoroa, HAZ Te Kaha, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TGRZ Tauranga, RAGZ Rawiri, RIGZ Rimuhau, etc.

CTA Charters Tower 19.44 142 P Pn 18 16 03.0 +0.7

CTAO Charters Tower 19.44 142 P Pn 18 16 03.0 +0.7

CTA Charters Tower 19.44 142 P Pn 18 16 03.0 +0.7

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CTA Charters Tower 19.44 142 P Pn 18 16 03.0 +0.7

CTAO Charters Tower 19.44 142 P Pn 18 16 03.0 +0.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

Code Station Name Azimuth Elevation Azimuth Error Elevation Error Azimuth Rate Elevation Rate Azimuth Rate Error Elevation Rate Error

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like TRIZ, SERG, ANX, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like MMAL, EIL, AKASG, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like TRUS, CJR, DIVS, etc.

KRSZO 09 21:03:19.9, 0.8, 46.04N, 21.00E, h13km, 6km, Error ellipse: s-maj=3.7km s-min=2.6km az=119.0...

KRNET 09 21:15:42.6, 0.1, 41.18N, 71.88E, h13km, mb2.4 ISU 09 21:15:43.0, 41.00N, 72.00E, h5km...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, EKS2 Erkin-Say, KK31 Karatay Array, etc.

ICD 09 21:45:33.4-8.7, 41.688S-84.19E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/34, mbmp3.8/4, MS3.5/3, Ms1 3.4/3, ms1mx3.0/23, Error ellipse: s-maj=232.8km s-min=30.3km az=128.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H0S2 Diego Garcia H, etc.

ANF 09 21:48:03.0-0.1, 33.26N-115.98W, h15km, ML3.0/22, Error ellipse: s-maj=1.3km s-min=1.1km az=78.0

PAS 09 21:48:04.8-1.6, 33.25N-115.98W, 0.01, h3km, ML3.2/199, Error ellipse: s-maj=1.5km s-min=1.3km az=62.0

NEIC 09 21:48:04.8-1.8, 33.247N-115.983W, 0.009, h7km, 4km, Error ellipse: s-maj=1.5km s-min=0.5km az=224.0

ISC 09 21:48:04.9-0.8, 33.25N-115.99W, 0.01, h15km, 6km, n96, c#093/134, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SALLN Salton City, EARRN Elmore Ranch, FRK Frink, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XPFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, etc.

ICD 09 22:29:20.7-0.6, 40.92S-44.64E, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.1/30, mbmp4.2/15, MS3.6/11, Ms1 3.6/11, ms1mx3.4/30, Error ellipse: s-maj=21.0km s-min=16.3km az=42.0

NEIC 09 22:29:23.0-0.7, 41.0S-0.1x44.6E, 0.1, h16km, 3km, mb4.6/23, Error ellipse: s-maj=17.3km s-min=12.6km az=48.0

ISC 09 22:29:23.0-0.4, 41.00S-0.09x44.64E, 0.10, h12km, n72, c#071/62, mb4.4/22, MS3.6/11, 5C-2D, Crozet Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRZF Crozet Islands, BOSA Boshof, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HDC Heredia, HDC Paso Ancho, BCO2 Palmira, etc.

ICD 09 22:29:20.7-0.6, 40.92S-44.64E, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.1/30, mbmp4.2/15, MS3.6/11, Ms1 3.6/11, ms1mx3.4/30, Error ellipse: s-maj=21.0km s-min=16.3km az=42.0

NEIC 09 22:29:23.0-0.7, 41.0S-0.1x44.6E, 0.1, h16km, 3km, mb4.6/23, Error ellipse: s-maj=17.3km s-min=12.6km az=48.0

ISC 09 22:29:23.0-0.4, 41.00S-0.09x44.64E, 0.10, h12km, n72, c#071/62, mb4.4/22, MS3.6/11, 5C-2D, Crozet Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRZF Crozet Islands, BOSA Boshof, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EYMW, I37A, F36A, B35A, KAN10, ULM, etc.

SCB 09 22:51:47.3t.1.4, 18.04S:63.77W, h257km, 57km, ML3.9/1, Error ellipse: s-maj=9.0km s-min=8.1km az=2.0

VAO 09 21:53:50.9, 18.10S:63.24W, h0km, mb4.0, ISC 09 22:51:51.9, 1.0, 18.11S:06.6374W, 0.07, h35km, n14, r180/19, Central Bolivia

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SIV, MOCB, BBOE, YJA, etc.

ISC 09 23:09:22.3t.1.7, 29.89S:176.83W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/30, mbtmp4.0/3, MS3.2/4, Ms1 3.2/4, ms1mx3.0/27, Error ellipse: s-maj=48.8km s-min=34.0km az=24.0

NEIC 09 23:09:28.2t.1.7, 29.7S:0.1x177.1W:0.1, h35km, 4km, mb4.4/8, Error ellipse: s-maj=22.1km s-min=8.7km az=49.0

ISC 09 23:09:28.2t.1.3, 29.7S:0.1x177.0W:0.2, h31km, n21, r680/19, mb4.3/7, MS3.2/3, Kermadec Islands

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

ISC 09 23:17:28.4t.2.0, 9.21S:125.34E, h0km, mb3.5/1, mb1 4.0/3, mb1mx3.6/31, mbtmp3.7/3, ML3.9/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/27, Error ellipse: s-maj=159.9km s-min=32.9km az=58.0

NEIC 09 23:17:35.1t.1.4, 9.58S:0.07x124.89E:0.04, h31km, 6km, mb4.1/7, Error ellipse: s-maj=10.8km s-min=5.2km az=169.0

ISC 09 23:17:34.9t.0.8, 9.63S:108.12497E:0.07, h33km, n20, r178/21, mb4.1/5, Timor region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SOEI, SOEI, MMRI, MTN, KAPI, etc.

comp=Z.3.2nm,1.3s SNAE Sanae 91.93 194 P P 23 30 41.1 +1.3

ISC 09 23:24:52.3t.0.8, 6.33S:152.97E, h0km, mb4.1/1/3, mb1 4.3/1/6, mb1mx4.1/45, mbtmp4.1/16, ML3.5/3, MS3.5/1/3, Ms1 3.5/1/3, ms1mx3.2/31, Error ellipse: s-maj=23.0km s-min=15.5km az=112.0

NEIC 09 23:24:54.2t.0.6, 6.12S:0.06x153.0E:0.1, h10km, 1km, mb4.5/28, Error ellipse: s-maj=19.9km s-min=9.7km az=94.0

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, KRVT, RABL, etc.

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PATS, CTA, CTA, DZM, etc.

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BATI, BATI, RAO, RAO, etc.

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, PETK, PETK, etc.

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LSA, LSA, BILL, etc.

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

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

ISC 09 23:24:57.2t.0.5, 6.31S:0.05x153.0E:0.09, h31km, n58, r095/55, mb4.4/25, MS3.6/11, New Britain region

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

ISC 09 23:42:54.5t.9.5, 19.55S:176.35W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/23, mbtmp3.8/3, Error ellipse: s-maj=421.9km s-min=40.3km az=143.0, Fiji Islands region

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

BEO 09 23:44:34.1t.0.7, 39.00N:28.17E, h0km, ML4.6/16, SOF 09 23:44:59.9, 40.47N:26.27E, h2km, MD4.2, IDC 09 23:45:01.0, 40.47N:26.27E, h2km, mb3.6/10, mb1 3.8/17, mb1mx3.6/40, mbtmp3.7/17, ML4.0, MS2.9/8, Ms1 2.9/8, ms1mx2.6/42, Error ellipse: s-maj=12.6km s-min=10.5km az=51.0

MOS 09 23:45:00.8t.0.9, 40.44N:26.28E, h13km, mb4.2/5, Error ellipse: s-maj=4.8km s-min=2.8km az=95.7

ATH 09 23:45:01.9, 40.43N:26.19E, h29km, 1km, ML3.9/18, Error ellipse: s-maj=2.3km s-min=0.8km az=65.0

ISK 09 23:45:01.9, 40.43N:26.20E, h15km, ML4.3/47, NEIC 09 23:45:02.4t.1.6, 40.41N:0.04x26.20E:0.06, h9km, 4km, Error ellipse: s-maj=6.7km s-min=5.2km az=84.0

DDA 09 23:45:02.1, 40.41N:26.27E, h21km, 1km, ML4.2, THE 09 23:45:03.1, 40.44N:26.21E, h13km, ML3.9/10, Error ellipse: s-maj=0.7km s-min=0.3km az=48.0

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GELI, GELI, GELI, GOKA, etc.

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

ISC 09 23:45:02.1t.0.9, 40.45N:0.01x26.25E:0.01, h8km, 6km, n596, r1818/679, mb3.8/18, MS2.7/5, 65C-39D, Turkey

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

10d 2h

2014 JUL

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Osh, Kyzart, Arslanbob, Karatay Array, etc.

Table with columns: KTBS, Karatobe, KUU, KPKS, KK31, BTLS, DJR, KAPS, MEX, GCG, ISC, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes various station codes and coordinates.

Table with columns: BOSA, Boshof, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Osh, Chimion, Arslanbob, etc.

Table with columns: LFRS, EI Faro, 4.99 313 eP, Pn, 03 01 03.3 +2.3, etc. Lists various station names and their associated data.

Table with columns: NOA, NORSAR Array B, 84.30 29 LR, LR, 03 50 43.4, etc. Lists station names like LZH Lanzhou and ASAR Alice Springs with their coordinates and data.

Table with columns: BCOK, Bluff Creek, N, 6.09 101 Pn, Pn, 03 24 18.8 -0.3, etc. Lists station names like BCOK, X34A Smith Ranch, and others with their data.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like South Pole Qui, Eielson Array, Makanchi Array, etc.

MEX 10 05:11:01.1±0.5, 14.74N:92.57W, h86km, 7km, MD3.8
GGG 10 05:11:03.6±0.6, 14.83N:92.51W, h33km, 999km, MD3.7
ISC 10 05:11:01.7±2.2, 14.8N:0.1±92.7W:0.1, h64km±15km, n7,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like THIG, PCIG, CCIG, FUG, PACAYA, etc.

ISC 10 05:13:02.9±13.0, 16.33N:148.94E, h0km, mb3.6/3,
mb1 3.7/3, mb1mx3.4/31, mbtmp3.6/3, Error ellipse:
s-maj=457.3km s-min=35.6km az=83.0, Mariana Islands region

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

JMA 10 05:19:30.6±0.1, 33.55N:138.52E, h274km, M3.5
JDC 10 05:19:31.3±2.2, 33.49N:138.42E, h269km, 33km, mb3.4/2,
mb1 3.4/3, mb1mx2.8/30, mbtmp3.7/3, Error ellipse:
s-maj=170.3km s-min=24.8km az=80.0

ISC 10 05:19:31.4±1.1, 33.53N:0.08E:138.44E:0.07, h250km, n19,
±198/23, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TK02, TT05, JMKN, etc.

ISC 10 05:47:40.8±12.0, 21.76N:143.08E, h226km±117km,
mb3.4/7, mb1 3.6/7, mb1mx3.1/34, mbtmp3.9/7, Error
ellipse: s-maj=33.7km s-min=25.3km az=83.0, Mariana
Islands region

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

NEIC 10 06:10:05.3±1.2, 29.76S:107.09W:0.09, h36km, 4km,
mb4.8/12, Error ellipse: s-maj=12.7km s-min=9.9km
az=213.0

ISC 10 06:10:07.5±2.3, 29.54S:177.16W, h50km±16km, mb3.8/6,
mb1 4.0/6, mb1mx3.7/34, mbtmp4.1/6, MS3.9/14,
Ms1 3.9/14, ms1mx3.8/23, Error ellipse: s-maj=30.2km
s-min=28.6km az=92.0

ISC 10 06:10:04.7±0.6, 29.73S:0.09±177.05W:0.09, h31km, n51,
±110/37, mb4.6/11, MS3.9/16, 1C, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RAO, RAOUL, PPT2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WBR2, WRAB, WRFB, etc.

FORST Forest 47.02 254 P P 06 18 32.7 -0.7
VANDO Vanda Flores 46.84 186 LR LR 06 38 21.5

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

ISC 10 06:11:51.8±2.0, 10.00S:124.54E, h0km, mb3.5/1,
mb1 3.4/4, mb1mx3.3/32, mbtmp3.3/4, ML3.2±3.0, Error
ellipse: s-maj=35.9km s-min=25.9km az=31.0, Timor
region

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

ISC 10 06:15:03.3±3.8, 30.37S:138.41E, h0km, mb1 3.2/3,
mb1mx3.1/29, mbtmp2.9/3, ML2.9/3, Error ellipse:
s-maj=96.9km s-min=17.4km az=42.0, South Australia

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

ATA 10 06:41:49.5±1.7, 38.99N:42.36E, h37km±19km, ML1.8,
MW2.7
ISK 10 06:41:50.4, 39.12N:42.07E, h23km, ML2.4/6
DDA 10 06:41:51.4, 39.05N:42.27E, h7km, 4km, ML2.2

ISC 10 06:41:51.6±1.1, 39.03N:0.02±42.35E:0.03, h6km±10km,
n24, ±185/40, Turkey

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

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

NEIC 10 07:03:26.6±1.7, 14.74N:0.07±147.3E:0.1, h10km±1km,
mb4.5/2, Error ellipse: s-maj=16.5km s-min=12.2km
az=100.0

ISC 10 07:03:26.4±1.4, 14.89N:147.11E, h0km, mb3.8/6,
mb1 3.9/7, mb1mx3.7/38, mbtmp3.8/7, ML4.0/1, Error
ellipse: s-maj=36.0km s-min=20.1km az=105.0

ISC 10 07:03:27.8±0.8, 14.77N:0.09±147.33E:0.10, h18km, n11,
±151/112, mb3.9/8, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANA2, GUMO, PATS, etc.

KRNET 10 07:06:23.7±1.1, 39.67N:75.06E, mb2.6
NNC 10 07:06:23.3±1.5, 41.69N:78.15E, h0km, mb3.3, mpv3.0,
5C-7D, Error ellipse: s-maj=10.7km s-min=5.6km
az=167.0, Suspected Mining explosion.,
Kyrgyzstan-Xinjiang border region

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

ISC 10 06:15:03.3±3.8, 30.37S:138.41E, h0km, mb1 3.2/3,
mb1mx3.1/29, mbtmp2.9/3, ML2.9/3, Error ellipse:
s-maj=96.9km s-min=17.4km az=42.0, South Australia

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

NEIC 10 07:16:17.1±2.3, 19.87S:0.07±175.71W:0.07,
h209km, 4km, mb5.2/336, Error ellipse: s-maj=10.9km
s-min=10.0km az=161.0

ISC 10 07:16:17.2±0.8, 19.81S:175.89W, h196km, 7km, mb4.8/27,
mb1 5.0/28, mb1mx4.9/27, mbtmp5.3/28, MS3.7/7,
Ms1 3.8/7, ms1mx3.4/22, Error ellipse: s-maj=9.9km
s-min=9.2km az=134.0

MOS 10 07:16:18.5±1.1, 19.76S:175.81W, h223km, mb5.2/45,
Error ellipse: s-maj=7.6km s-min=7.4km az=145.9

BUL 10 07:16:18.1±0.0, 19.53S:175.21W, h227km, mb5.3/34,
nB5.2/47

BGR 10 07:16:19.1±0.0, 19.96S:176.56W, h207km, 1km
GCMT 10 07:16:21.1±0.1, 19.88S:0.01±175.50W:0.01,
h216km, MW5.4/146, Moment Tensor Solution.
s118,c173; s146,c237; Duration: 1s2 Moment tensor:
Scale 1.017Nm; Mr=0.69±.02; Mw=0.67±.02; Mww=0.01±.02;
Mw=0.36±.02; Mww=0.61±.02; Mw=0.95±.01; Best double:
couple: Mo:1.36700±0.1017 Np1±20.0000°, s32.00000°,
λ=35.00000°. NP2±0.30000°, s73.00000°,
λ=117.00000°. Principal axes: T:1.3830, Plg23.0000°,
Azml140.0000°, N:-0.0330, Plg25.0000°, Azm39.0000°, P:
-1.3510, Plg54.0000°, Azm267.0000°; nstla refers to

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

H11N2	WAKE ISLAND Hy 28.62 119	T	T	09 34 37.9
H11N1	WAKE ISLAND Hy 28.63 119	T	T	09 34 38.2
H11N3	WAKE ISLAND Hy 28.64 119	T	T	09 34 38.5
H11S1	WAKE ISLAND Hy 29.32 121	T	T	09 35 30.9
H11S3	WAKE ISLAND Hy 29.32 121	T	T	09 35 28.6
H11S2	WAKE ISLAND Hy 29.33 121	T	T	09 35 29.7
LZH	Lanzhou 29.44 280	eP	P	09 04 58.0 0.0
LZH		pP	sP	09 05 07.7 +0.8
LZH		sP	sP	09 05 12.4 +8.1
LZH		PP	PnPn	09 05 51.6 -0.5
LZH		pmax	pmax	
LZH	comp=Z,21nm,1.1s		pmax	pmax
LZH	comp=Z,120nm,4.9s		pmax	pmax
LZH	comp=Z,430nm,15.3s		LR	LR
LZH	comp=Z,540nm,14.6s		LR	LR
LZH	comp=Z,480nm,16.8s		LR	LR
GYA	Guiyang 30.52 260	eP	P	09 05 08.0 +0.4
GYA		eP	pmax	pmax
CD2	Chengdu 31.00 270	eP	P	09 05 10.1 -1.6
CD2		LR	LR	
CD2	comp=Z,1µm,14.7s		LR	LR
CD2	comp=Z,1µm,17.2s		LR	LR
GTA	Gaotai 31.98 287	eP	P	09 05 20.3 -0.1
GTA		pP	sP	09 05 29.9 +0.6
GTA		sP	sP	09 05 34.1 +7.4
GTA		pmax	pmax	
GTA	comp=Z,3.0nm,0.8s		pmax	pmax
GTA	comp=Z,33nm,7.2s		LR	LR
GTA	comp=Z,190nm,13.1s		LR	LR
GTA	comp=Z,160nm,15.5s		LR	LR
QIZ	Qiongzong 32.23 245	P	S	09 05 21.3 -1.3
QIZ		S	pmax	09 10 32.7 -2.1
QIZ		pmax	pmax	
QIZ	comp=Z,13nm,1.7s		LR	LR
QIZ	comp=Z,160nm,11.9s		LR	LR
QIZ	comp=Z,240nm,15.8s		LR	LR
QIZ	comp=Z,160nm,14.5s		LR	LR
DAV	Davao City (W) 32.62 208	LR	LR	09 17 55.0
DAV	comp=Z,88nm,21.4s,baz=66,slo=35			
BILL	Bilibino 34.42 171	eP	P	09 05 41.2 +0.1
BILL		pmax	pmax	
BILL	comp=Z,16nm,1.3s		IAMB	IAMB
BILL	comp=Z,15nm,1.1s		IAMB	IAMB
TIXI	Tiksi 35.42 354	eP	P	09 05 49.8 +0.1
TIXI		pmax	pmax	
TIXI	comp=Z,7.0nm,0.8s		IAMB	IAMB
TIXI	comp=Z,8.9nm,1.0s		IAMB	IAMB
WMQ	Urumqi 40.34 297	eP	P	09 06 30.3 -1.4
WMQ		eP	pmax	pmax
WMQ	comp=Z,21nm,0.8s		pmax	pmax
WMQ	comp=Z,75nm,4.5s		LR	LR
WMQ	comp=Z,210nm,10.9s		LR	LR
WMQ	comp=Z,110nm,16.7s		LR	LR
CMAR	Chiang Mai Arr 40.80 255	P	P	09 06 36.6 +1.0
CMAR	comp=Z,0.9nm,0.5s,baz=48,slo=7.5,SNR=4.3			
CMAR	comp=Z,0.4nm,0.3s,baz=29,slo=2.1,SNR=5.2		PcP	09 08 39.2 +2.6
CMAR	Chiang Mai Arr 40.80 255	iP	P	09 06 38.0 +2.4
CMAR		pmax	pmax	
ZAAO	Zalesovo Array 41.56 313	P	P	09 06 40.6 -0.9
ZALV	Zalesovo Beam 41.56 313	P	P	09 06 41.3 -0.2
ZALV	comp=Z,4.3nm,0.5s,baz=95,slo=7.4,SNR=16			
ZALV	comp=Z,2.4nm,0.5s,baz=90,slo=3.0,SNR=4.9		PcP	09 08 38.8 +0.3
ZALV	Zalesovo Beam 41.56 313	iP	P	09 06 41.7 +0.2
ZALV		pmax	pmax	
ZSN	Zaisan 41.83 303	iP	P	09 06 44.7 +0.8
ZSN	comp=Z,7.0nm,1.6s,baz=303			
ZSN	Zaisan 41.83 303	iP	P	09 06 44.6 +0.8
ZSN		pmax	pmax	
NR1K	Noril'sk 43.18 336	P	P	09 06 54.3 -0.2
NR1K	comp=Z,8.0nm,1.1s,baz=117,slo=8.7,SNR=8.2		PcP	09 08 45.8 +2.2
NR1K	comp=Z,3.2nm,0.6s,baz=112,slo=8.0,SNR=4.6		LR	09 26 15.2
NR1K	comp=Z,144nm,19.2s,baz=80,slo=38			
NR1K	Noril'sk 43.18 336	eP	P	09 06 55.3 +0.8
MK31	Makanchi Array 43.66 302	P	P	09 06 57.2 -1.6
MK31		pmax	pmax	
MK31	comp=Z,4.0nm,1.1s		P	09 06 57.2 -1.6
MKAR	Makanchi Array 43.66 302	P	P	09 06 58.7 0.0
MKAR	comp=Z,1.8nm,0.7s,baz=82,slo=9.2,SNR=15		PcP	09 08 47.1 +1.4
MKAR	Makanchi Array 43.66 302	iP	P	09 06 59.2 +0.5
MKAR		pmax	pmax	
KURK	Kurchatov 45.53 308	cP	P	09 07 13.8 +0.2
KURK		pmax	pmax	
KURK	comp=Z,44nm,1.3s		P	09 07 12.4 -1.1
KURK	Tatalina 45.98 35	P	P	09 07 17.8 +0.8
TTA	Tatalina 45.98 35	P	P	09 07 17.8 +0.8
TTA	comp=Z,3.0nm,0.9s		P	09 07 17.8 +0.8
SVW2	Sparrevohn 46.09 37	P	P	09 07 19.9 +2.0
SHLS	Shalkode 46.34 298	iP	P	09 07 17.7 -2.5
SHLS	comp=Z,7.3nm,1.0s,baz=298		LR	09 27 25.8
SHLS	comp=Z,125nm,15.9s,baz=298		LR	09 07 17.7 -2.5
SHLS	Shalkode 46.34 298	iP	P	09 07 17.7 -2.5
SHLS		pmax	pmax	
SHLS	comp=Z,7.0nm,1.0s		MLR	MLR
SHLS	comp=Z,125nm,16.0s		MLR	MLR
UZB	Uzymbulak 46.66 298	iP	P	09 07 22.6 -0.1
UZB		LR	LR	09 27 02.9
UZB	comp=Z,117nm,14.8s,baz=298		P	09 07 22.6 -0.1
UZB		pmax	pmax	
UZB	comp=Z,6.0nm,1.0s		MLR	MLR
TDK	Taldyqorghan 46.66 300	iP	P	09 07 23.0 +0.4
TDK	comp=Z,258nm,17.3s,baz=300		LR	09 27 11.2
TDK	Taldyqorghan 46.66 300	iP	P	09 07 23.0 +0.4
TDK		MLR	MLR	
TDK	comp=Z,258nm,17.0s		LR	09 27 37.3
KPKS	Kokpek 46.82 298	iP	P	09 07 24.0 +0.1
KPKS		LR	LR	
KPKS	comp=Z,110nm,14.3s,baz=298		P	09 07 24.0 +0.1
KPKS	Kokpek 46.82 298	iP	P	09 07 24.0 +0.1
KPKS		pmax	pmax	
KPKS	comp=Z,6.0nm,1.1s		MLR	MLR

SATY	Saty 47.11 298	iP	P	09 07 26.4 +0.1
SATY	comp=Z,3.2nm,0.9s,baz=298			
SATY	Saty 47.11 298	iP	P	09 07 26.4 +0.1
SATY		pmax	pmax	
SPU	Mount Spurr 47.81 37	P	P	09 07 31.3 0.0
MDOK	Medeo 48.05 298	iP	P	09 07 33.7 +0.1
MDOK	comp=Z,192nm,17.9s,baz=298		LR	09 28 01.6
MDOK	Medeo 48.05 298	iP	P	09 07 33.6 +0.1
MDOK		MLR	MLR	
AAA	Alma-Ata 48.13 298	eP	P	09 07 34.9 +0.7
AAA	comp=Z,138nm,11.9s,baz=298		LR	09 27 42.5
AAA	Alma-Ata 48.13 298	eP	P	09 07 34.8 +0.7
AAA		MLR	MLR	
TNSS	Tian-Shan 48.15 298	iP	P	09 07 35.4 +0.7
TNSS	TRF 48.15 298	iP	P	09 07 35.4 +0.7
KUU	Kurly 48.36 299	iP	P	09 07 35.6 -0.2
KUU	comp=Z,21nm,1.3s,baz=299			
KUU	Kurly 48.36 299	iP	P	09 07 35.6 -0.2
KUU		pmax	pmax	
MTBS	Maitube 48.50 298	iP	P	09 07 36.8 -0.2
MTBS	TRF 48.50 298	iP	P	09 07 36.7 -0.2
MTBS	Thorofore Moun 48.50 34	IAMB	IAMB	09 07 45.0
SOEI	Soe 48.80 202	P	P	09 07 38.5 -0.9
TOLK	Toolik Lake Re 48.96 27	P	P	09 07 42.0 +1.9
TOLK	comp=Z,5.2nm,0.9s		IAMB	09 07 56.8
MCK	McKinley 49.18 34	P	P	09 07 43.0 +1.2
MCK		pmax	pmax	
MCK	comp=Z,7.0nm,0.8s		IAMB	09 07 43.0 +1.2
MCK	McKinley 49.18 34	P	P	09 07 43.0 +1.2
MCK		IAMB	IAMB	
RND	Reindeer 49.23 34	P	P	09 07 43.0 +0.8
RND		pmax	pmax	
RND	comp=Z,13nm,1.2s		IAMB	09 07 47.8
RND	Reindeer 49.23 34	P	P	09 07 43.0 +0.8
RND		IAMB	IAMB	
MDM	Murphy Dome 49.45 32	P	P	09 07 45.1 +1.3
WRH	Wood River Hill 49.52 33	P	P	09 07 46.5 +2.2
WRH		IAMB	IAMB	09 07 50.2
COLA	College 49.61 32	P	P	09 07 45.1 +0.1
COLA	comp=Z,5.0nm,1.0s			
COLA	College 49.61 32	P	P	09 07 45.1 +0.1
COLA	Clear Creek Bu 49.64 32	P	P	09 07 45.9 +0.7
CCB	49.64 32	P	P	09 09 09.2 +2.8
BTLS	Baital 49.65 301	iP	P	09 07 45.4 -0.2
BTLS	comp=Z,5.4nm,1.1s,baz=302			
BTLS	Baital 49.65 301	iP	P	09 07 45.4 -0.2
BTLS		pmax	pmax	
KSH	Kashi 49.88 294	P	P	09 07 52.6 +5.0
KSH		pmax	pmax	
KSH	comp=Z,21nm,1.6s			
KSH	comp=Z,67nm,4.0s			
AAK	Ala-Archa 50.00 298	cP	P	09 07 48.4 -0.1
AAK		pmax	pmax	
AAK	comp=Z,19nm,2.5s			
AAK	Ala-Archa 50.00 298	cP	P	09 07 48.3 -0.3
AAK		IAMB	IAMB	09 07 50.7
HDA	Harding Lake 50.02 33	P	P	09 07 48.4 +0.2
HDA		IAMB	IAMB	09 07 53.5
IL31	IL31 50.03 32	P	P	09 07 48.3 +0.2
IL31		IAMB	IAMB	09 07 55.3
ILAR	Eielsen Array 50.03 32	P	P	09 07 48.3 +0.1
ILAR	comp=Z,5.4nm,0.9s,baz=273,slo=6.1,SNR=24			
SCM	Sheep Creek Mo 50.03 36	P	P	09 07 49.2 +0.8
SCM		pmax	pmax	
SCM	comp=Z,25nm,1.5s			
SCM	Sheep Creek Mo 50.03 36	P	P	09 07 49.2 +0.8
SCM		pmax	pmax	
BRVK	Borovoye 50.27 312	iP	P	09 07 50.7 +0.5
BRVK		pmax	pmax	
BRVK	comp=Z,15nm,1.0s			
BRVK	Borovoye 50.27 312	iP	P	09 07 49.6 -0.7
BRVK		IAMB	IAMB	09 07 52.2
PRP	Porcupine Dome 50.56 31	LR	LR	09 07 52.8 +0.3
PSI	Prapai 51.11 239	LR	LR	09 29 04.0
PSI	comp=Z,68nm,21.1s,baz=25,slo=36			
SCRK	Sand Creek 51.35 33	P	P	09 07 58.6 +0.3
SCRK		IAMB	IAMB	09 08 04.0
ARSB	Arslanbob 51.47 297	P	P	09 08 00.5 +0.9
ARSB		pmax	pmax	
ARSB	comp=Z,16nm,0.9s			
ARSB	Arslanbob 51.47 297	P	P	09 08 00.5 +0.9
ARSB		pmax	pmax	
DZA	Taraz 52.14 299	eP	P	09 08 05.8 +1.2
DZA	comp=Z,300			
DZA	Taraz 52.14 299	eP	P	09 08 05.7 +1.2
DZA		P	P	09 08 05.3 -1.3
EGAK	Eagle 52.47 32	P	P	09 08 07.9 -0.3
KK31	Karatay Array 52.65 300	P	P	09 08 07.9 -0.3
KK31		pmax	pmax	
KK31	comp=Z,25nm,1.3s			
KK31	Karatay Array 52.65 300	P	P	09 08 07.8 -0.3
KKAR	Karatay Array 52.65 300	P	P	09 08 08.5 +0.3
KKAR		pmax	pmax	
KKAR	comp=Z,25nm,1.3s			
KKAR	Karatay Array 52.65 300	P	P	09 08 08.5 +0.3
LEM	Lembang 53.27 222	LR	LR	09 30 56.4
IUG	Iuzhnyy 53.29 299	iP	P	09 08 13.6 +0.4
IUG	comp=Z,1.8nm,0.9s,baz=299			
IUG	Iuzhnyy 53.29 299	iP	P	09 08 13.5 +0.4
IUG		pmax	pmax	
IUG	comp=Z,2.0nm,0.9s			
CHM	Chimkent 53.54 299	eP	P	09 08 13.9 -0.8
CHM		IAMB	IAMB	09 08 23.4
EPYK	Eagle Plains 54.04 30	P	P	09 08 19.8 +1.7
EPYK		IAMB	IAMB	09 08 23.4
NIL	Nilore 54.04 288	P	P	09 08 22.2 +3.6
NIL		pmax	pmax	
NIL	comp=Z,6.0nm,0.5s			
GAR	Garm 54.18 295	P	P	09 08 20.6 +0.9
SVE	Sverdlovsk 54.86 319	eP	P	09 08 25.7 +1.6
SVE		pmax	pmax	
SVE	comp=Z,27nm,1.0s			
HYT	Haines Junctio 54.87 36	P	P	09 08 24.6 +0.3
HYT		IAMB	IAMB	09 08 30.3
INK	Inuvik 54.88 27	P	P	09 08 25.2 +1.2
INK		pmax	pmax	
INK	comp=Z,5.0nm,1.0s			
CHGR	Chuyargaron 54.88 27	P	P	09 08 25.2 +1.2
CHGR		pmax	pmax	
ARU	Arti 56.07 318	P	P	09 08 31.3
ARU		S	SS	09 16 18.9 -1.4
ARU		SS	SS	09 20 01.8 -4.2
ARU	Arti 56.07 318	P	P	09 08 31.3
ARU		pmax	pmax	
ARU	comp=Z,28nm,1.0s			
ARU	Whitehorse 56.15 36	P	P	09 08 33.3 +0.5
WB0	Warramunga Arr 56.59 187	P	P	09 08 35.5 +2.0
WB0		IAMB	IAMB	09 08 36.8 -0.1
WRAB	Tennant Creek 56.76 187	cP	P	09 08 38.4 +0.4
WRAB		pmax	pmax	
WRAB	comp=Z,7.5nm,0.8s			
WR0	Warramunga Arr 56.76 187	P	P	09 08 37.7 -0.4
WR0		IAMB	IAMB	09 08

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WAKR Walker, DLMT Dillon, HLID Hailey, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PV12 Saucer Basin, PV03 Paradox Valley, PV13 Radium Mtn., etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes sections for MAN 109:09:02.00.1, BEO 109:09:05.8±1.0, IDC 109:09:06.8±1.6, and various other station lists.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Makanchi Array, MKAR, KDJ, ZALV, etc.

TRN 10 12:54:59.5, 14.94N:61.40W, h177km, MD4.4
NEIC 10 12:55:00.5, 1.6, 14.94N:0.05:61.51W:0.05, h177km, 4km,
mb4.5/70, Error ellipse: s-maj=9.6km s-min=3.3km
az=48.0

IDC 10 12:55:00.1, 1.7, 14.64N:61.69W, h180km, 17km, mb3.7/718,
mb1.3, 9.21, mb1mx3.7/51, mbtmp4.3/21, Error ellipse:
s-maj=14.7km s-min=11.0km az=49.0

ISC 10 12:55:00.8, 0.5, 14.91N:0.03:61.51W:0.05, h174km, 4km,
n=73, r=1804/191, mb4.4/47, 1C, Windward Islands

Main table listing station codes (e.g., PCM, SVN, PXL, BGMF) and their details including station names, coordinates, and operational status.

Main table listing station codes (e.g., RUSC, PTBC, WRA, RUSC) and their details including station names, coordinates, and operational status.

Main table listing station codes (e.g., ATH, DDA, THE, IDC, ISK) and their details including station names, coordinates, and operational status.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PBEJ Beja, EVO Evora, EGRO El Granado, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MDT31 Sonseca Array, ESDC Sonseca Array, MDT Midelt, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAP 10 16:44:12.1, TWD Chiawan, HWA Hwallien, etc.

10d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DURS Dursunbey, VLI Veliai, AOS Alonnisos, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, ARF Jabal al Anfar, ASF, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU Arti, ARU Karatay Array, TORD Torodi Ar, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IDC 10 18:43:12.2, 17:43N, 04:29E, etc.

BBRC	Big Bear Solar	0.84 336	P	Pb	20 41 59.0	0.0
BBRC	baz=155,SNR=7.4			S	Sb	20 42 10.3 +0.3
BBRC	baz=155					
BBRC	Big Bear Solar	0.84 336	P	Pb	20 41 59.0	0.0
BBRC	baz=155			S	Sb	20 42 10.6 +0.1
SDRC	San Diego Road	0.84 206	P	Pb	20 41 58.9	-0.1
SDRC	baz=155			Pb	20 42 09.7	-0.3
BTI	Butler Peak	0.86 331	P	Pb	20 41 59.5	+0.1
RVR	Riverside	0.88 304	P	Pb	20 41 59.3	-0.3
RVR	baz=155			Sb	20 42 10.6	+0.3
CFSC	Central Fire S	0.89 313	P	Sn	20 42 12.6	-0.2
BC3	Big Chuckawall	0.89 80	P	Pb	20 41 59.8	0.0
BC3	baz=260			S	Sb	20 42 11.8 +0.4
BC3	Big Chuckawall	0.89 80	P	Pb	20 42 00.0	+0.1
IKP	In-Ko-Pah, Jac	0.91 159	P	Pb	20 42 00.1	-0.1
IKP	baz=339,SNR=67			S	Sg	20 42 12.6 0.0
IKP	In-Ko-Pah, Jac	0.91 159	P	Pb	20 42 00.1	-0.1
IKP	baz=339			Sb	20 42 13.0	-0.5
TKX	Teacote	0.93 185	P	Sb	20 42 11.5	-1.0
CRNC	Corona	0.96 293	P	Pg	20 42 01.0	0.0
CRNC	baz=155			Pb	20 42 13.9	+0.1
OLP	Otay Lakes Par	0.96 202	P	Pb	20 42 00.7	-0.2
OLP	baz=155			Sb	20 42 13.3	+0.1
RMX	La Rumorosa	0.96 158	P	Pn	20 42 02.6	+1.0
YUH	Yuha Desert	0.98 150	P	Pn	20 42 00.6	-0.7
YUH	baz=155			Pb	20 42 15.3	+0.3
WESC	Westside Schoo	1.08 138	P	Pb	20 42 01.1	-0.3
MLSC	Mira Loma	0.91 300	P	Pb	20 42 02.1	+0.1
MLSC	baz=155			Sb	20 42 15.0	+0.1
CSP	Cedar Springs	1.07 319	P	Pn	20 42 03.1	+0.2
SCL	Mount Signal	1.07 142	P	Pn	20 42 18.2	+0.5
SSK	San Sevaine	1.09 311	P	Pb	20 42 03.1	-0.1
TJX	Tijuana	1.09 205	Sg	Pb	20 42 17.9	-0.5
CBX	Cerro Bola	1.19 187	P	Pb	20 42 04.9	-0.1
LTC	Little Chuckwa	1.20 90	P	Pb	20 42 03.8	-1.0
BFSC	Mount Baldy Ra	1.21 308	P	Pb	20 42 04.9	-0.1
BFSC	baz=128,SNR=57			S	Sn	20 42 21.1 +0.1
BFSC	Mount Baldy Ra	1.21 308	P	Pn	20 42 05.0	-0.1
BFSC	baz=128			Sb	20 42 21.1 +0.1	
SSK	Sunset Peak	1.22 306	P	Pn	20 42 21.1	+0.1
PSRC	Puddingstone R	1.24 299	P	Pn	20 42 05.7	0.0
PSRC	baz=155			Sb	20 42 22.0	+0.5
PEM	Pine Mountain	1.32 301	P	Pn	20 42 07.0	0.0
HEC	Hector,Ludlow	1.33 6	P	Pb	20 42 07.4	+0.2
HEC	baz=186			S	Sg	20 42 25.5 -0.7
HEC	Hector,Ludlow	1.33 6	P	Pb	20 42 08.1	+0.7
XTL	Crysal Lake	1.38 306	P	Pb	20 42 08.0	-0.3
RRX	Edison Barstow	1.43 344	Pb	Pb	20 42 09.8	+0.7
RRX	baz=163			S	Sg	20 42 28.5 -0.7
RRX	Edison Barstow	1.43 344	P	Pg	20 42 10.0	-0.6
GRMC	Granite Mounta	1.46 28	P	Pb	20 42 08.2	-0.2
GRMC	baz=208,SNR=33			S	Sb	20 42 29.0 +1.1
GLA	Glamis	1.47 107	P	Pn	20 42 08.6	+0.1
MWC	Mount Wilson	1.48 300	P	Pb	20 42 08.6	-0.4
FMP	Fort Macarthur	1.51 279	Pb	Pb	20 42 09.1	+0.5
FMP	baz=98			Sn	20 42 26.5	-1.6
CHFC	Chino Flat St	1.52 304	P	Pn	20 42 08.3	-0.9
CHFC	baz=155			Sb	20 42 08.3	-0.9
JNH	Juniper Hills	1.53 309	Pn	Pb	20 42 10.6	-0.2
PASC	Pasadena Art C	1.55 296	Pn	Pn	20 42 10.2	+0.6
ESJX	Sierra Juarez	1.56 162	Pn	Pn	20 42 09.0	-0.9
CIS	Catalina Islan	1.60 267	P	Pb	20 42 10.8	+0.6
CIS	baz=86			S	Sb	20 42 32.6 +0.9
SBB	Saddle Back Bu	1.61 318	Pb	Pb	20 42 12.7	+0.5
HYS	Haystack Butte	1.62 327	Pb	Pb	20 42 13.2	+0.8
LRRO	Littlerock Res	1.63 309	Pb	Pb	20 42 13.1	+0.8
Y12C	Blythe	1.67 81	Pn	Pn	20 42 11.9	+0.7
DECC	Green Verdugo	1.70 297	S	Sb	20 42 35.5	+0.8
DECC	baz=116			Pb	20 42 14.2	+0.6
DECC	Green Verdugo	1.70 297	P	Pb	20 42 13.5	+0.7
SC12	San Clemente I	1.79 254	P	Pn	20 42 13.5	+0.7
IR2C	Iron Canyon	1.81 300	Pb	Pb	20 42 15.6	+0.1
GSC	Goldstone, Bar	1.82 352	P	Pb	20 42 13.9	+0.6
GSC	baz=172,SNR=42			Pn	20 42 13.9	+0.6
EDW2	Edwards Air Fo	1.85 319	Pb	Pb	20 42 16.6	+0.4
EDW2	baz=138			Pg	20 42 17.9	-0.7
TUQ	Turquoise Moun	1.99 14	P	Pg	20 42 16.1	+0.3
TUQ	baz=194			Pg	20 42 20.5	-0.7
CCAC	Calif City Air	2.07 323	P	Pb	20 42 21.4	+1.4
SHOC	Shoshone, Teco	2.40 4	Sb	Sg	20 42 58.9	-1.3
SHOC	baz=184			Pn	20 42 22.1	+0.7
113A	Mohawk Valley,	2.41 107	Pn	Pn	20 42 28.6	+1.0
ARVC	Arvin	2.52 311	Pb	Pb	20 42 28.6	+1.0
ARVC	baz=130			Sb	20 43 01.2	-2.7
SNCC	San Nicolas Is	2.54 265	Pn	Pn	20 42 24.1	+1.0
MPMC	Manual Propsec	2.68 343	Pn	Pn	20 42 25.9	+0.7
MPMC	baz=162,SNR=17			Pn	20 42 25.7	+0.2
W13A	Hualapai Mount	2.69 53	Pn	Pn	20 42 32.4	+0.6
ISA	Isabella, Lake	2.70 324	Pn	Pn	20 42 28.7	-0.1
Y14A	Wickenburg	2.95 80	Pn	Pn	20 42 28.7	-0.1
SHPR	Sheep Range	3.20 20	Pn	Pn	20 42 32.6	+0.2
TPNV	Topopah Spring	3.45 3	Pn	Pn	20 42 37.3	+1.5
X16A	Lo Mia Camp, P	4.31 76	Pn	Pn	20 42 48.1	+0.4
LCMT	Little Creek M	4.40 36	Pn	Pn	20 42 49.7	+0.7
CMHM	Old Mammoth M	4.59 324	Pn	Pn	20 46 42.1	+0.5
KNB	Kanab	4.62 40	Pn	Pn	20 42 53.5	+1.5
MDPB	Devils Postpil	4.63 34	Pn	Pn	20 42 52.2	+0.1

ASC 10:20:42:07.6:2.2,6.53S:128.75E,h0km,mb3.7/1
 mb1 3.9/3,mb1mx3.5/30,mbtms3.7/3,ML3.8/2,Error
 ellipse: s-maj=154.4km s-min=31.9km az=67.0, Banda
 Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	14.40 158	Pn	20 45 34.1 +1.2	
WRA	baz=2.2,slow=20,SNR=0.1			20 47 58.5 -1.5	
ASAR	Alce Springs	17.75 164	P	20 46 15.4 -0.9	
MKAR	Makanchi Array	67.16 327	P	20 53 03.5 +0.1	
MKAR	0.3nm,0.4s,ba=112,slow=8.2,SNR=5.6				

SHRR	Shira	4.19 310	Pg	Pg	20 47 08.0	-2.9
SHRR	baz=155			Sg	20 48 05.0	-0.2
LUZB	Luzhba, Kemero	4.46 296	Pg	Pb	20 47 11.6	+2.1
LUZB	baz=155			Sg	20 48 09.1	-4.8
SHTK	Zheleznogorsk-	4.58 345	Pg	Pg	20 47 15.2	-3.1
SHTK	baz=155			Sg	20 48 12.3	-5.2
TASR	Tashtagol	4.85 283	Pg	Pg	20 48 26.7	+0.3
CUR	Chagan-Uzun	4.98 251	Pg	Pb	20 47 17.3	-4.0
CUR	baz=155			Sb	20 48 23.5	+5.1
ULGR	Ulagan, Altay	5.02 258	Pg	Pb	20 47 21.3	+2.3
ULGR	baz=155			Sb	20 48 24.9	+5.3
ARTR	Artybash	5.21 272	Pg	Pb	20 48 33.4	-4.3
ARTR	baz=155			Pg	20 47 31.5	-1.1
AKAR	Aktash	5.32 256	Pg	Pg	20 48 33.8	+5.4
AKAR	baz=155			Pg	20 47 31.8	-2.2
CHBI	Chibit, Altay	5.40 256	Pg	Pg	20 48 34.9	+5.3
CHBI	baz=155			Sg	20 48 59.8	-4.0
ELBT	Elitovka	5.91 287	Pg	Pg	20 49 02.9	-5.3
GALT	Gorno-Altaysk,	6.02 274	Pg	Pg	20 47 46.4	+0.6
TUNR	Tungur	6.16 257	Pg	Pb	20 49 05.2	+0.4
TRG	Tyrgan	6.59 79	Pg	Pb		
TRG	baz=155			Sg		

IDC 10:20:46:00.3:0.7,56°13S:26°39W,h0km,mb4.4/9
 mb1 4.5/10,mb1mx4.2/22,nbtmp4.4/10,ML4.1/1,MS3.2/9,
 Ms1 3.2/9,ms1mx3.1/28,Error ellipse: s-maj=21.3km
 s-min=17.1km az=71.0
 NEIC 10:20:46:07.4:1.5,56°22S:0°07'26"W:0.2,h51km,mb6m,
 mb4.7/30,Error ellipse: s-maj=16.6km s-min=8.8km
 az=72.0
 ISC 10:20:46:05.4:0.6,56°19S:0°10'26"W:0.1,h35km,n66,
 0°57'8"W,mb4.7/19,MS3.2/8,South Sandwich Islands
 region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HOPE	Hope Point	6.02 284	Pn	20 47 32.8 +1.0	
VNA1	Neumayer-Stat	16.53 158	P	20 49 51.6 -2.4	
VNA3	Neumayer Olymp	16.74 161	P	20 49 58.4 -0.3	
VNA3	Neumayer-Watz	16.92 158	P	20 50 01.8 +1.0	
VNA3	baz=32.1,slow=14				
SNA4	Sanae	18.46 156	P	20 50 19.0 +0.9	
SNA4	Sanae	18.46 156	P	20 50 17.3 -0.5	
SNA4	0.6nm,0.3s,ba=304,slow=12,SNR=15				
SNA4	comp=Z,49nm,18.9s,ba=58,slow=34			20 56 33.5	
SNA4	Sanae	18.46 156	P	20 50 17.8 0.0	
PMSA	Palmer Station	20.10 229	P	20 50 36.4 +0.8	
PMSA	1.3nm,0.8s,ba=49,slow=11,SNR=2.0				
PMSA	comp=Z,156nm,18.7s,ba=72,slow=30			20 56 11.6	
PMSA	Palmer Station	20.10 229	P	20 50 35.6 0.0	
PMSA	comp=Z,52nm,1.1s			20 50 46.6	
BELA	Belgrano 2	21.97 185	P	20 50 55.0 -0.7	
G09	Cerro Castillo	27.15 261	P	20 51 43.5 -1.5	
PLCA	Paso Flores	32.40 280	LR	21 05 42.1	
QSPA	South Pole Qui	34.06 180	P	20 52 46.4 +0.3	
QSPA	comp=Z,44nm,18.6s,ba=114,slow=36				
QSPA	South Pole Qui	34.06 180	P	20 52 46.3 +0.3	
QSPA	comp=Z,6.8nm,0.7s,ba=226,slow=0.7,SNR=48			20 52 55.2	
CPUP	Villa Florida	37.19 310	P	20 53 12.8 -0.1	
CPUP	comp=Z,5.8nm,0.9s,ba=150,slow=6.1,SNR=8.8			20 53 43.3	
CPUP	comp=Z,23nm,21.3s,ba=130,slow=32			20 53 12.5 -0.4	
CPUP	Villa Florida	37.19 310	P	20 53 14.4	
MT02	Curacav	38.19 288	P	20 53 20.1 -1.3	
CO02	Combarbal	39.72 290	P	20 53 33.7 -0.7	
CO02	comp=Z,20nm,1.4s			20 53 45.0	
MAW	Mawson	39.81 143	P	20 53 35.1 +0.6	
MAW	comp=Z,1.3nm,0.6s,ba=231,slow=12,SNR=2.1			20 58 21.9	
MAW	comp=Z,45nm,19.4s,ba=236,slow=34			20 53 39.4 +0.4	
MAW	Mawson	39.81 143	P	20 53 38.5 -0.2	
CO01	Juntas del Tor	40.22 292	P	20 53 38.8 -0.6	
GO04	Tololo Observa	40.43 291	P	20 54 04.2	
GO04	comp=Z,2.1nm,1.3s			20 53 47.0 +1.0	
AC05	El Transito	41.23 293	P	20 53 48.3	
AC05	comp=Z,16nm,1.1s			20 53 50.6 -5.3	
AC02	Mariungca	42.28 296	P	20 53 57.6	
AC02	comp=Z,10nm,0.7s			20 54 05.3 -0.7	
AC01	Pan de Azucar	43.59 295	P	20 54 08.9 +0.1	
GO02	Mina Guanaco	43.89 297	P	20 54 08.9 +0.1	
BOSA	Boshof	45.63 75	LR	21 09 40.8	
BOSA	comp=Z,102nm,18.3s,ba=200,slow=31			21 11 48.6	
LVC	Limon Verde	45.70 299	LR	21 11 48.6	
LVC	comp=Z,2.1nm,21.1s,ba=154,slow=34			20 54 24.1 +0.9	
LVC	Limon Verde	45.70 299	P	20 54 26.5	
LVC	comp=Z,14nm,1.3s			20 54 23.5 +0.4	
PB06	IPOC Station P	45.75 297	P	20 54 23.0 -1.8	
PB06	IPOC Station P	45.94 299	P	20 54 25.7	
VNDA	Vanda	46.45 183	P	20 54 28.9 +0.8	
VNDA	comp=Z,2.2nm,0.7s,ba=190,slow=6.3,SNR=16			20 54 28.9 +0.8	
VNDA	Vanda	46.45 183	P	20 54 30.9 +1.2	
PB09	IPOC Station P	46.55 300	P	20 54 31.9	
PB07	IPOC Station P	46.92 299	P	20 54 33.0 +0.4	
PB01	IPOC Station P	47.31 30			

Table with columns: GSI, Gunungsitoli, 49.61 349, P, Iamb, 23 22 11.9, +0.4, 23 22 13.2, etc.

IDC 10 23:19:34.8-1.2, 49.89N, 178.70E, h0km, mb3.5/8, mb1 3.9/3, mb1mx3.7/43, bmbmp3.6/10, ML3.2/2, Error ellipse: s-maj=38.6km s-min=20.9km az=171.0

ISC 10 23:19:37.2-1.1, 49.99N, 02.1787E, 0.1, h15km, n11, e=127/11, mb3.7/8, South of Aleutian Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

IDC 10 23:37:19.9-13.0, 2.07S, 126.43E, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.5/24, bmbmp3.9/3, ML4.1/1, Error ellipse: s-maj=203.5km s-min=157.4km az=141.0

NEIC 10 23:37:34.2-2.7, 3.1S, 0.2, 126.3E, 0.2, h53km, 13km, mb4.5/9, Error ellipse: s-maj=32.4km s-min=9.6km az=221.0

ISC 10 23:37:32.3-1.3, 3.1S, 0.2, 126.4E, 0.1, h32km, n16, e=124/16, mb4.0/5, BUZ

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

IDC 10 23:40:44.6-12.0, 3.1S, 155.124, 56E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/24, bmbmp3.7/3, ML3.7/1, Error ellipse: s-maj=188.1km s-min=177.0km az=119.0

NEIC 10 23:41:01.6-1.0, 3.92S, 0.10, 125.7E, 0.2, h56km, 10km, mb4.1/6, Error ellipse: s-maj=27.2km s-min=12.6km az=75.0

ISC 10 23:41:00.5-0.9, 4.0S, 0.1, 125.7E, 0.2, h35km, n11, e=192/11, Ceram Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

IDC 10 23:42:29.1-1.8, 39.11N, 143.69E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/27, bmbmp3.6/6, ML2.4/1, MS3.3/2, Ms1 3.3/2, ms1mx3.6/20, Error ellipse: s-maj=53.3km s-min=25.8km az=73.0

NEIC 10 23:42:31.5-1.7, 39.08N, 0.09, 143.6E, 0.1, h17km, 6km, mb4.0/4, Error ellipse: s-maj=14.8km s-min=11.9km az=120.0

JMA 10 23:42:33.4-0.2, 39.10N, 143.26E, h22km, 4km, M3.5 NIED 10 23:42:33.4, 39.10N, 143.26E, h22km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^4Nm, Mw=1.70, Ms=2.02, Ms=3.66, Mw=1.09, Mr=1.17, Fault plane solution: M4.4100x10^14 NP2, phi=258.00000, delta=879.00000, lambda=110.00000, nu=140.00000, delta2=823.00000, lambda-31.00000

ISC 10 23:42:29.6-3.3, 39.11N, 0.05, 143.40E, 0.06, h1km, 22km, n32, e=152/42, mb4.0/7, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: JMK, Ouri, 1.73 248, eS, Sn, 23 43 22.0, -0.7, 23 43 01.2, +0.5, etc.

Code Station Name Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

UCR 11 00:11:47.7-1.7, 10.05N, 83.25W, h16km, 4km, MD3.6 UPA 11 00:11:51.2-1.6, 9.88N, 82.90W, h0km, 45km, MD3.5, ML3.9

ISC 11 00:11:42.8-1.8, 10.17N, 0.07, 83.06W, 0.05, h7km, 11km, n19, e=133/31, Costa Rica

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

ATH 11 00:15:26.9, 38.81N, 19.67E, h26km, 1km, ML3.0/8, Error ellipse: s-maj=1.6km s-min=0.9km az=70.0

THE 11 00:15:27.7, 38.83N, 19.71E, h3km, 1km, ML3.0/11, Error ellipse: s-maj=1.4km s-min=0.5km az=68.0

BEQ 11 00:15:29.1, 0.9, 39.01N, 19.58E, h15km, ML2.9/7

ISC 11 00:15:27.0-1.2, 38.82N, 0.03, 19.61E, 0.04, h32km, 11km, n96, e=137/138, Ionian Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

EVGI Evgi, Lefkada island, 0.84 103, P, Sb, 00 15 42.1, -1.1, 00 15 53.5, -0.7, etc.

Table with columns: SRN, Astakos, 1.19 103, P, Sb, 00 15 04.1, +2.5, 00 15 48.2, +0.8, etc.

Code Station Name Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

KPRO Kipro, Ano Chora, 1.77 50, P, Pb, 00 15 57.7, -1.2, 00 15 58.1, -0.8, etc.

11d 1h

Table with columns: STKA, BBOO, WR0, WB0, WB2, WRA, AS31, ASAR, VNDA, NVAO, NVAR, TXAR, PDAR, BRTR. Includes station names, coordinates, and various parameters.

NNC 11 00:27:54.9,3.9,48.59N-83.75E,h0km,mb2.8,mpv2.3, Error ellipse: s-maj=40.2km s-min=14.1km az=72.0

SOME 11 00:27:55.5,48.37N-83.57E,h0km

ISC 11 00:27:52.0,1.7,48.68N-0.07-84.26E,0.09,h10km,n7, e110/12,6C-3D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ZSN, MK31, MAKZ, KURK, etc.

IDC 11 00:48:08.6,0.8,49.91N-178.69E,h0km,mb3.8/14, mb1.4/1.16,mb1mx3.8/53,mbtmp3.8/16,ML3.5/2, Error ellipse: s-maj=26.2km s-min=17.1km az=171.0

AEIC 11 00:48:12.9,1.7,50.10N-0.07-178.71E,0.10,h27km,2km, ML3.7/24,mb4.2/13(NEIC), Error ellipse: s-maj=10.1km s-min=8.9km az=170.0

NEIC 11 00:48:12.6,1.4,50.04N-0.07-178.73E,0.10,h25km,5km, Error ellipse: s-maj=10.1km s-min=8.9km az=167.0

ISC 11 00:48:11.2,0.7,50.02N-0.08-178.70E,0.05,h15km,n60, e109/63,mb4.0/21,Rat Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including AMKA, LSSE, CESA, etc.

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Table with columns: FINES, NB2, AKASO, WRA, GERES, MAW, BOSAS. Includes station names and coordinates.

IDC 11 00:48:38.6,3.9,37.02N-71.53E,h82km,27km,mb3.4/11, mb1.3/5/18,mb1mx3.3/51,mbtmp3.7/18, Error ellipse: s-maj=42.1km s-min=15.9km az=160.0

NNC 11 00:48:41.8,5.0,37.67N-70.91E,h0km,mb4.5,mpv4.3, Error ellipse: s-maj=46.7km s-min=22.8km az=153.0

ISC 11 00:48:41.4,4.6,37.23N-0.05-71.42E,0.06,h106km,n49, e236/57,mb3.6/11,7C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CEP, CHCP, THW, AML, etc.

IDC 11 01:19:45.9,53.0,16.78S-177.50W,h0km,mb4.1/3, mb1.4/3,mb1mx3.7/25,mbtmp4.1/3, Error ellipse: s-maj=974.2km s-min=164.8km az=78.0,Fiji Islands region

Table with columns: STKA, WRA, ASAR. Includes station names and coordinates.

504 n96,e168/148,Ionian Sea

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including KR11, ZAK2, PYL, etc.

MK31	Makanchi Array	13.39	35	P	Pn	04 17 14.6	-0.3	GROC	eSP	sP	04 19 10.8	+0.4
MK31	Makanchi Array	13.39	35	Pn	Pn	04 17 14.6	-0.3	GROC	eS	sS	04 22 26.8	+1.3
MKAR	Makanchi Array	13.39	35	P	Pn	04 17 13.1	-1.8	GROC	eSS	sS	04 22 56.9	0.0
	comp=Z,1.1nm,0.3s,baz=217,slow=12,SNR=32							GROC		pmax		
MKAR					LR	04 22 42.9		SHL	comp=Z,160nm,1.0s			
KOLN	Koldanda	13.58	125	eP	Pn	04 17 13.8	-3.9	SHL	Shillong	20.75	115	eP
	comp=Z,2.08nm,20.7s,baz=137,slow=38							SHL	comp=Z,103nm,0.6s			
GKN	Gorkha	14.13	122	eP	Pn	04 17 21.6	-3.2	SHL	Shillong	20.75	115	P
	comp=Z,391nm,0.4s							SHL	comp=Z,182nm,0.7s			
BHPL	Bhopal	14.13	156	ex	Pn	04 17 21.8	-2.9	SHL	Shillong	20.75	115	P
BHPL				x	Pn	04 17 31.5		SHL	Nagiri	20.75	115	P
DMN	Daman	14.70	122	eP	Pn	04 17 28.8	-3.4	NJS	Nagarjunasagar	20.98	158	eP
	comp=Z,218nm,0.5s							NJS	comp=Z,378nm,4.3s			
KKN	Kakani	14.70	121	eP	Pn	04 17 29.3	-3.0	CHLP	Challavanipeta	21.10	144	eP
	comp=Z,1.3nm,0.4s							CHLP	comp=Z,492nm,1.6s			
WMQ	Urumqi	14.73	54	eP	Pn	04 17 31.1	-1.2	PVM	Polavaram	21.15	151	eP
WMQ				PP	Pn	04 17 49.8		PVM	comp=Z,758nm,2.1s			
WMQ				sP	Pn	04 18 03.8	+2.8	TBLG	Delisi	21.16	293	P
WMQ				S	Sn	04 20 15.2	+0.6	TBLG	comp=Z,205nm,1.2s			
	comp=Z,39nm,0.9s				pmax			TBLG	MYLAV	21.26	294	P
	comp=Z,24nm,3.8s				pmax			TBLG	MYLAV	21.24	254	P
	comp=Z,510nm,7.7s				pmax			TBLG	MYLAV	21.24	254	P
	comp=Z,1µm,28.3s				LR			SRLM	comp=Z,543nm,1.5s			
WMQ	Urumqi	14.73	54	P	Pn	04 17 31.1	-1.2	SRLM	Srisailam	21.29	159	eP
WMQ	Urumqi	14.73	54	Pn	Pn	04 17 31.1	-1.2	SRLM	comp=Z,492nm,1.4s			
PKIN	Pulchoki	14.92	122	eP	Pn	04 17 31.4	-3.6	SVE	Sverdlovsk	21.70	344	eP
	comp=Z,310nm,0.4s							SVE	comp=Z,114,slow=36			
PKI	Pulchoki	14.93	122	eP	Pn	04 17 31.4	-3.9	SVE	Arti	21.84	341	P
	comp=Z,195nm,0.4s							ARU	comp=Z,16nm,0.5s,baz=160,slow=9.2,SNR=35			
GUN	Gumba	15.04	120	eP	Pn	04 17 33.1	-3.7	ARU	Arti	21.84	341	P
JBP	Jabalpur	15.19	147	eP	Pn	04 17 41.9	+0.8	ARU	Arti	21.84	341	P
JBP				AMB	AMB	04 17 56.0		ARU	comp=Z,426nm,22.0s,baz=145,slow=7.8,SNR=27			
	comp=Z,23nm,0.6s							ARU	comp=Z,154nm,1.1s			
JBP				ex	x	04 20 13.1		ARU	Arti	21.84	341	P
KURBB	Kurchatov Arra	15.27	18	P	Pn	04 17 35.5	-3.6	ARU	Arti	21.84	341	P
	comp=Z,0.4nm,0.3s,baz=206,slow=11,SNR=25							ARU	comp=Z,451nm,4.2s			
KURBB				S	Sn	04 20 29.4	+2.0	ARU	Urvakonda	21.98	164	P
KURBB	Kurchatov Arra	15.27	18	P	Pn	04 17 38.9	-0.2	ARU	ADKI	21.86	157	eP
	comp=Z,0.1nm,0.3s,baz=299,slow=27,SNR=1.2							ARU	ADKI	21.86	157	eP
KURBB				S	Sn	04 20 21.7	-6.3	ARU	ADKI	21.86	157	eP
AB31	Akbulak array	15.29	331	↑P	Pn	04 17 36.1	-3.2	ARU	Arti	21.84	341	P
	comp=Z,15nm,0.3s,baz=143,slow=12,SNR=95							ADKI	comp=Z,130nm,1.1s			
AB31				S	Sn	04 20 21.7	-6.3	ADKI	Addanki	21.86	157	eP
AB31	Akbulak array	15.29	331	eP	Pn	04 17 36.1	-3.2	URV	Urvakonda	21.98	164	P
ABKAR	Akbulak array	15.29	331	Pn	Pn	04 17 36.2	-3.1	AKH	Akhalkalaki	22.06	292	P
ABKAR				IAMB	IAMB	04 17 38.7		AKH	comp=Z,190nm,1.1s			
KURK	Kurchatov	15.38	18	↑P	Pn	04 17 39.2	-1.2	AKH	Akhalkalaki	22.06	292	P
	comp=Z,46nm,0.9s							AKH	KOHIMA	22.30	112	IAMB
KURK	Kurchatov	15.38	18	P	Pn	04 17 37.5	-2.9	AKH	KOHIMA	22.30	112	IAMB
KURK				pmax	pmax	04 20 29.4		KBZ	Khabaz	22.77	298	P
	comp=Z,45nm,0.9s							KBZ	comp=Z,14nm,0.8s,baz=145,slow=7.8,SNR=27			
KURK	Kurchatov	15.38	18	Pn	Pn	04 17 37.5	-2.9	KBZ	Khabaz	22.77	298	P
KURK				IAMB	IAMB	04 17 46.3		KBZ	Gatoti	22.83	174	S
JIRN	Jiri	15.41	120	eP	Pn	04 17 38.1	-3.4	GTA	Gatoti	22.83	174	S
	comp=Z,599nm,0.4s							GTA	Gatoti	22.83	174	S
RAMN	Ramite	16.14	121	eP	Pn	04 17 46.9	-3.5	GTA	Gatoti	22.83	174	S
	comp=Z,203nm,0.4s							GTA	Gatoti	22.83	174	S
BANOH	Banahi	16.36	235	P	Pn	04 17 54.7	+0.5	GTA	Gatoti	22.83	174	S
SHME	Shamm	16.38	236	P	Pn	04 17 54.4	0.0	GTA	Gatoti	22.83	174	S
	SNR=9.0							GTA	Gatoti	22.83	174	S
NGP	Nagpur	16.62	153	ex	Pn	04 17 53.7	-2.5	GTA	Gatoti	22.83	174	S
NGP				IAMB	IAMB	04 17 57.3		GTA	Gatoti	22.83	174	S
TAPN	Tapeljung	16.68	118	eP	Pn	04 17 53.7	-3.4	GTA	Gatoti	22.83	174	S
	comp=Z,605nm,0.6s							GTA	Gatoti	22.83	174	S
BVAO	Borovyoye Array	16.72	358	↑P	Pn	04 17 55.0	-2.1	GTA	Gatoti	22.83	174	S
	comp=Z,76nm,1.5s,baz=172,slow=16,SNR=60							GTA	Gatoti	22.83	174	S
BVAO	Borovyoye Array	16.72	358	P	Pn	04 17 55.0	-2.1	GTA	Gatoti	22.83	174	S
	comp=Z,2.6nm,0.3s,baz=172,slow=12,SNR=38							GTA	Gatoti	22.83	174	S
ODAN	Odare	16.75	120	eP	Pn	04 17 54.0	-3.9	GTA	Gatoti	22.83	174	S
	comp=Z,231nm,0.5s							GTA	Gatoti	22.83	174	S
BRVK	Borovyoye	16.75	358	↑P	Pn	04 17 55.3	-2.2	GTA	Gatoti	22.83	174	S
	comp=Z,79nm,1.3s							GTA	Gatoti	22.83	174	S
BRVK	Borovyoye	16.75	358	P	Pn	04 17 56.3	-1.2	GTA	Gatoti	22.83	174	S
BRVK				pmax	pmax	04 17 56.3	-1.2	GTA	Gatoti	22.83	174	S
BRVK	Borovyoye	16.75	358	Pn	Pn	04 17 56.3	-1.2	GTA	Gatoti	22.83	174	S
BRVK				IAMB	IAMB	04 18 37.9		GTA	Gatoti	22.83	174	S
MSFE	Esmas-Masafi	16.84	234	iP	P	04 18 00.4	+0.9	GTA	Gatoti	22.83	174	S
	SNR=5.3							GTA	Gatoti	22.83	174	S
WSAR	Wadi Sarin	16.93	223	P	Pn	04 18 02.9	+2.4	GTA	Gatoti	22.83	174	S
	comp=Z,0.9nm,0.3s,baz=64,slow=5.8,SNR=9.3							GTA	Gatoti	22.83	174	S
AKTO	Aktyubinsk	16.99	330	P	Pn	04 17 58.9	-1.6	GTA	Gatoti	22.83	174	S
	comp=Z,4.9nm,0.3s,baz=144,slow=14,SNR=147							GTA	Gatoti	22.83	174	S
AKTO				S	Sn	04 20 57.5	-11	GTA	Gatoti	22.83	174	S
AKTO				LR	LR	04 25 24.0		GTA	Gatoti	22.83	174	S
AKTO				↑P	Pn	04 17 59.6	-0.9	GTA	Gatoti	22.83	174	S
	comp=Z,87nm,18.3s,baz=148,slow=39							GTA	Gatoti	22.83	174	S
AKTO				↑P	Pn	04 21 00.8	-8.1	GTA	Gatoti	22.83	174	S
	comp=Z,175nm,0.8s							GTA	Gatoti	22.83	174	S
ASHO	Ashiyah	17.37	232	iP	Pn	04 18 06.7	+1.3	GTA	Gatoti	22.83	174	S
	SNR=14							GTA	Gatoti	22.83	174	S
NAZ	Nazwa, Dubai	17.42	234	P	Pn	04 18 06.3	+0.4	GTA	Gatoti	22.83	174	S
	SNR=5.4							GTA	Gatoti	22.83	174	S
BOK	Bokaro	17.84	130	eP	Pn	04 18 09.6	-0.9	GTA	Gatoti	22.83	174	S
POK	Poona	17.88	172	ex	Pn	04 21 12.8		GTA	Gatoti	22.83	174	S
POO	Lhasa	18.04	106	ex	Sn	04 18 14.1	+0.2	GTA	Gatoti	22.83	174	S
LSA	Lhasa	18.04	106	P	Pn	04 18 14.1	+0.2	GTA	Gatoti	22.83	174	S
LSA				LR	LR	04 18 13.5	-0.4	GTA	Gatoti	22.83	174	S
LSA	Lhasa	18.04	106	P	Pn	04 18 14.1	+0.2	GTA	Gatoti	22.83	174	S
LSA				pmax	pmax	04 18 13.5	-0.4	GTA	Gatoti	22.83	174	S
LSA	Lhasa	18.04	106	P	Pn	04 18 13.5	-0.4	GTA	Gatoti	22.83	174	S
LSA				IAMB	IAMB	04 18 17.8		GTA	Gatoti	22.83	174	S
SRSP	Sriramsagar	18.45	158	eP	Pn	04 18 17.5	+0.2	GTA	Gatoti	22.83	174	S
SRSP				IAMB	IAMB	04 18 18.2		GTA	Gatoti	22.83	174	S
KLRI	Killari	18.81	164	eP	Pn	04 18 22.3	-0.4	GTA	Gatoti	22.83	174	S
KLRI				IAMB	IAMB	04 18 24.1		GTA	Gatoti	22.83	174	S
RPR	Rampur	18.82	155	eP	Pn	04 18 22.9	0.0	GTA	Gatoti	22.83	174	S
RPR				IAMB	IAMB	04 18 37.1		GTA	Gatoti	22.83	174	S
AKT	Akhty	18.90	293	eP	Pn	04 18 23.5	-0.2	GTA	Gatoti	22.83	174	S
AKT				S	Sn	04 21 49.3	-2.7	GTA	Gatoti	22.83	174	S
AKT				pmax	pmax			GTA	Gatoti	22.83	174	S
AKT				smax	smax			GTA	Gatoti	22.83	174	S
AKT				smax	smax			GTA	Gatoti	22.83	174	S
MAK	Makhachkala	19.32	297	eP	P	04 18 27.5	+0.9	GTA	Gatoti	22.83	174	S
MAK				S	S	04 22 00.1	-0.2	GTA	Gatoti	22.83	174	S
MAK				pmax	pmax			GTA	Gatoti	22.83	174	S
MAK				MLR	MLR			GTA	Gatoti	22.83	174	S
HYBB	Hyderabad (bro)	19.94	159	eP	P	04 18 34.3	+0.8	GTA	Gatoti	22.83	174	S
HYBB				IAMB	IAMB	04 18 36.7		GTA	Gatoti	22.83	174	S
HYB	Hyderabad	19.94	159	iP	P	04 18 34.0	+0.4	GTA	Gatoti	22.83	174	S
HYB				S	S	04 22 12.0	-1.0	GTA	Gatoti	22.83	174	S
HYB	Hyderabad	19.94	159	eP	Pn	04 18 33.9	+0.4	GTA	Gatoti	22.83	174	S
HYB				IAMB	IAMB	04						

Table with columns: IUG, comp, pmax, pmax, and various station names like LONY, D61A, AAK, etc.

Table with columns: IUG, comp, pmax, pmax, and various station names like S56A, Q58A, R57A, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, and various station names like MAW, LBTB, BOS, etc.

az=153.0
 IDC 11 08:46:25.2+1.8,21.133s,179.27W,624km,20km
 mb3.5/15,mb1.3.7/16,mb1mx3.6/25,mbtmp4.16/16,Error
 ellipse: s-maj=15.8km s-min=11.4km az=150.0
 ISC 11 08:46:24.0+1.2,24.506s,179.10W,619km,
 n102,+093/108,mb4.5/32,Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
MSVF	Nonsavu	4.40	322	Op	P	08 47 53.9	-0.4
GLKZ	Green Lake	8.06	173	P	P	08 48 26.6	+1.8
NLUE	Niue	8.88	78	P	P	08 49 51.8	-1.2
AFI	Afiatama	10.09	45	P	P	08 48 41.3	-3.4
DZM	Mont Dzumac	14.72	264	P	P	08 49 17.2	-0.5
SANVU	Sarautou	14.22	264	P	P	08 49 17.4	-0.2
OUZ	Omahuta	15.33	203	P	P	08 49 37.3	+2.6
ETAZ	East Tamaki Re	16.50	197	P	P	08 49 47.1	+1.8
WMGZ	Waioamatani S	16.66	187	P	P	08 49 47.2	+0.5
AWAZ	Awhitu Peninsula	16.68	198	P	P	08 49 47.8	+0.9
HAZ	Te Kaha	16.68	189	P	P	08 49 46.6	-0.3
PKGZ	Pakihiroa	16.77	188	P	P	08 49 46.3	-1.5
RUGZ	Raukumara Rang	16.90	189	P	P	08 49 47.9	-1.1
TWZ	Tauwhareparea	17.07	188	P	P	08 49 50.2	-0.3
URZ	Urewera	17.27	190	P	P	08 49 50.0	-2.3
URZ	Urewera	17.27	190	P	P	08 49 50.2	-5.1
MWZ	Matawai	17.28	189	P	P	08 49 50.8	-1.7
MWZ	Matawai	17.28	189	P	P	08 52 37.0	-4.6
CNGZ	Carnagh Statio	17.34	187	P	P	08 49 53.0	0.0
TGKZ	Te Karaka	17.34	188	P	P	08 49 50.7	-2.2
RAZGZ	Rarangi	17.46	189	P	P	08 49 53.4	-0.7
RIGZ	Rimuhau	17.62	188	P	P	08 49 48.9	-6.7
PRRZ	Plateau Road	17.63	192	P	P	08 49 55.2	-0.5
SNZ	South Karori	20.68	193	P	P	08 50 22.3	-0.9
BHZ	Baring Head	20.74	193	P	P	08 50 22.8	-0.9
RPZ	Rata Peaks	23.86	198	P	P	08 50 50.8	-0.6
RPZ	Rata Peaks	23.86	198	P	P	08 50 52.0	+2.0
EIDS	Eidsvold	27.66	256	P	P	08 51 25.2	+0.1
ARMA	Armidale	27.82	245	P	P	08 51 27.7	+1.3
ARMA	Armidale	27.82	245	P	P	08 51 28.5	0.0
CTAO	Charters Town	32.40	266	P	P	08 52 06.0	+0.4
TOO	Tooolaghi	34.63	234	P	P	08 52 24.6	+0.5
STKA	St Stephens Creek	36.54	245	P	P	08 52 40.5	+0.6
STKA	St Stephens Creek	36.54	245	P	P	08 52 40.6	+0.8
COEN	Coen	36.61	275	P	P	08 52 41.1	+0.5
COEN	Coen	36.61	275	P	P	08 52 41.9	0.0
BBOO	Buckleboo	41.30	244	P	P	08 53 17.9	0.0
BBOO	Buckleboo	41.30	244	P	P	08 53 18.6	0.0
WR0	Warramunga Arr	43.29	263	P	P	08 53 30.3	-0.7
WR0	Warramunga Arr	43.29	263	P	P	08 53 33.8	0.0
AS31	Alice Springs	43.35	258	P	P	08 53 34.1	0.0
ASAR	Alice Springs	43.35	258	P	P	08 53 34.0	-0.1
ASAR	Alice Springs	43.35	258	P	P	08 55 08.2	-0.2
ASAR	Alice Springs	43.35	258	P	P	08 55 08.3	+1.3
ASAR	Alice Springs	43.35	258	P	P	08 59 16.7	-2.0
WB0	Warramunga Arr	43.47	263	P	P	08 53 34.5	-0.6
WB2	Warramunga Arr	43.47	263	P	P	08 53 34.5	-0.6
WRAB	Warramunga Arr	43.47	263	P	P	08 53 35.2	0.0
WRAB	Warramunga Arr	43.47	263	P	P	08 53 34.5	-0.6
WRA	Warramunga Arr	43.48	263	P	P	08 53 34.4	-0.8
WRA	Warramunga Arr	43.48	263	P	P	08 53 34.4	-0.8
WRA	Warramunga Arr	43.48	263	P	P	08 55 08.2	-0.7
WRA	Warramunga Arr	43.48	263	P	P	08 59 18.3	-2.3
FORT	Forrest	48.06	247	P	P	08 54 09.1	-0.5
MTN	Manton Dam	48.15	272	P	P	08 54 10.0	-0.4
MTN	Manton Dam	48.15	272	P	P	08 54 10.0	-0.4
KNRA	Kununurra	49.59	267	P	P	08 54 20.8	-0.2
KNRA	Kununurra	49.59	267	P	P	08 54 21.5	0.0
FITZ	Fitzroy Scismi	51.91	263	P	P	08 54 38.0	+3.0
SOEI	Soe	55.50	273	P	P	08 55 04.2	+1.0
PSA00	Pilbara Seismi	56.50	258	P	P	08 55 09.5	-0.3
PSA00	Pilbara Seismi	56.50	258	P	P	08 55 10.5	0.0
VNDA	Vanda	57.09	185	P	P	08 55 14.9	+2.1
VNDA	Vanda	57.09	185	P	P	08 55 15.0	+2.1
MORW	Morawa	58.60	248	P	P	08 55 23.5	-0.3
GIFL	Girilambone	58.63	249	P	P	08 55 43.9	+1.1
QSPA	South Pole Qui	68.83	180	P	P	08 56 29.4	+1.3
KKM	Kota Kinabalu	68.96	286	P	P	08 56 29.9	0.0
KKM	Kota Kinabalu	68.96	286	P	P	08 56 30.9	0.0
MJAR	Majuro	70.20	325	P	P	08 56 35.9	-0.7
MAJO	Matsushiro	70.20	325	P	P	08 56 36.6	0.0
MAJO	Matsushiro	70.20	325	P	P	08 56 49.7	0.0
MAJO	Matsushiro	70.20	325	P	P	08 56 36.2	-0.4
ADK	Adak	72.84	2	P	P	08 56 51.1	-0.4
YULB	Yuli	73.05	304	P	P	08 56 52.9	-0.5
YULB	Yuli	73.05	304	P	P	08 57 02.4	0.0
TPUB	Ta-pu	73.52	304	P	P	08 56 55.1	-0.9
UNV	Unalaska Valle	75.56	8	P	P	08 57 05.8	-0.9
UNV	Unalaska Valle	75.56	8	P	P	08 57 14.7	0.0
PETK	Petropavlovsk-	76.73	346	P	P	08 57 12.9	-0.2
MATSU	Matsuyama	76.73	346	P	P	08 57 12.9	-0.2
KSRS	Korea Array	76.77	319	P	P	08 57 14.2	+0.5
KSRS	Korea Array	76.77	319	P	P	08 57 25.1	-0.4
USRK	Ussuriysk Arr	79.00	326	P	P	08 57 36.4	+0.3
OHAK	Old Harbor	81.11	14	P	P	08 57 45.5	0.0
OHAK	Old Harbor	81.11	14	P	P	08 57 45.5	0.0
WAKR	Walker	81.58	43	P	P	08 57 41.0	+1.8
INVAR	Mina Array Bea	82.27	44	P	P	08 57 43.6	+0.8
INVAR	Mina Array Bea	82.27	44	P	P	08 57 43.6	+0.8
PINE	Pine Mountain	83.80	38	P	P	08 57 52.1	+1.8
F10A	Beach Ranch, E	87.22	38	P	P	08 58 07.1	+0.7
SNA4	Sanae	87.30	179	P	P	08 58 06.0	-0.4
TRF	Thorofore Moun	87.39	13	P	P	08 58 06.2	-0.6
TRF	Thorofore Moun	87.39	13	P	P	08 58 07.0	0.0
VNA3	Neumayer Olymp	87.47	177	P	P	08 58 06.9	-0.2
VNA2	Neumayer-Watz	87.90	177	P	P	08 58 09.6	+0.5
VNA1	Neumayer-Stat	88.13	177	P	P	08 58 10.1	-0.1
TXAR	Lajitas Array	88.32	58	P	P	08 58 13.5	+1.6
TXAR	Lajitas Array	88.32	58	P	P	08 58 13.5	+1.6
ILAR	Eielson Array	89.26	13	P	P	08 58 14.6	-0.8
ILAR	Eielson Array	89.26	13	P	P	08 58 14.6	-0.8
CMAR	Chiang Mai Arr	89.39	290	P	P	08 58 18.6	+1.5
PLCA	Paso Flores	89.51	134	P	P	08 58 18.4	+1.1
PLCA	Paso Flores	89.51	134	P	P	08 58 18.6	+1.2
PLCA	Paso Flores	89.51	134	P	P	08 58 23.7	0.0
PDAR	Pinedale Array	90.20	44	P	P	08 58 21.1	+0.5
PDAR	Pinedale Array	90.20	44	P	P	08 58 21.1	+0.5
BVAR	Borovoye Array	118.92	320	PKP	PKP	09 04 02.4	-1.2
SPITS	Spitsbergen Ar	122.54	356	PKP	PKP	09 04 09.3	-0.6
ARU	Arti	125.22	325	PKP	PKP	09 04 14.4	-1.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
AKTO	Aktuyubinsk	126.93	318	PKP	PKP	09 04 18.8	-0.2
ARCES	Arceces Array B	129.45	349	PKP	PKP	09 04 22.4	-0.9
FINES	FINES Array B	136.18	343	PKP	PKP	09 04 33.0	-0.2
NB2	NORSAR Subarray	139.532	352	PKP	PKP	09 04 35.0	-7.4
NOA	NORSAR Array B	139.58	352	PKP	PKP	09 04 34.9	0.0
HFS	Hagfors	140.10	350	PKP	PKP	09 04 36.0	0.0
AKAS	Malin Array B	143.15	330	PKP	PKP	09 04 46.2	-0.9
EKA	Eskdalearray Arr	145.82	4	PKP	PKP	09 04 54.8	+1.4
ASF	Jabal al Asfar	146.19	296	PKP	PKP	09 04 55.9	+1.0
BR13	Keskin Array S	146.56	311	PKP	PKP	09 04 57.9	-0.2
BRTR	Keskin Array B	146.56	311	PKP	PKP	09 04 56.8	+1.4
MMAI	Mount Meron Ar	147.27	330	PKP	PKP	09 05 00.7	+0.7
EIL	Eilat	148.22	292	PKP	PKP	09 05 02.9	+0.4
MLR	Muntele Rosu	148.27	326	PKP	PKP	09 05 02.1	-0.1
MLR	Muntele Rosu	148.27	326	PKP	PKP	09 05 01.3	-1.0
CLL	Colim	148.53	345	PKP	PKP	09 05 02.1	-0.4
BRG	Bergshubel	148.70	344	PKP	PKP	09 05 03.1	+0.2
BRG	Bergshubel	148.70	344	PKP	PKP	09 05 09.1	0.0
KHC	Kasperske Hory	150.39	343	PKP	PKP	09 05 06.8	-0.3
GERES	GERES Array B	150.62	343	PKP	PKP	09 05 07.5	-0.2
PDG	Podgorica	153.85	328	PKP	PKP	09 05 15.1	+0.2

IDC 11 08:58:55.0+4.6, 51.90N, 178.53E, h89km, 41km, mb3.4/13,
 mb1.3/6/16, mb1mx3.4/6/3, mbtmp3.8/16, MS2.8/1,
 Ms1.2.8/1, ms1mx2.2/40, Error ellipse: s-maj=27.0km
 s-min=14.3km az=0.0
 NEIC 11 08:58:56.5+1.2, 51.84N, 178.44E, 0.07,
 h101km, 4km, mb4.2/16, Error ellipse: s-maj=13.6km
 s-min=6.7km az=173.0
 AEIC 11 08:58:57.1+5.1, 51.82N, 178.45E, 0.07, h70km, 4km,
 Error ellipse: s-maj=13.0km s-min=6.6km az=173.0
 ISC 11 09:58:56.0+0.7, 51.93N, 178.47E, 0.05, h102km, 6km,
 n64,+093/63,mb4.0/20,Rat Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
LSSA	Little Sitkin	0.10	13	Op	P	08 59 10.7	-0.1
LSNW	Little Sitkin	0.12	12	Pn	Pn	08 59 10.6	-0.2
LSNA	Little Sitkin	0.12	30	Pn	Pn	08 59 10.7	-0.1
CETU	Semis' Tuman	0.64	80	Pn	Pn	08 59 13.8	-0.2
CESW	Semis' Southwe	0.68	86	Pn	Pn	08 59 13.6	-0.2
CEAP	Semis' Anvil P	0.70	77	Pn	Pn	08 59 14.2	+0.2
AMKA	Amchitka	0.70	133	Pn	Pn	08 59 13.9	-0.2
AMKA	Amchitka	0.70	133	Pn	Pn	08 59 14.5	-0.1
CERRA	Semis' Rag'd T	0.75	86	Pn	Pn	08 59 14.5	-0.1
CERRA	Semis' Rag'd T	0.75	86	Pn	Pn	08 59 14.5	-0.1
GAEA	Gareloi East	1.72	91	Pn	Pn	08 59 25.7	+0.1
TASE	Tanaga South	1.26	89	Pn	Pn	08 59 31.3	+0.1
TAFP	Tanaga Falls P	2.19	87	Pn	Pn	08 59 31.4	-0.2
TAFP	Tanaga Falls P	2.19	87	Pn	Pn	08 59 32.3	-0.2
TAPA	Tanaga Point A	2.30	90	Pn	Pn	08 59 33.1	0.0
KIMD	Kanaga Island	2.66	90	Pn	Pn	08 59 37.5	-0.2
KICM	Kanaga Island	2.68	87	Pn	Pn	08 59 38.2	+0.3
KIKV	Kanaga Island	2.70	88	Pn	Pn	08 59 38.4	+0.2
SMY	Saint Marys	2.93	88	Pn	Pn	08 59 36.5	-0.8
ADK	Adak	3.00	88	Pn	Pn	08 59 41.6	-0.6
GSTR	Great Sitkin T	3.39	84	Pn	Pn	08 59 47.4	-0.2
GSMY	Great Sitkin M	3.39	85	Pn	Pn	08 59 47.2	-0.2
ATKA	Atka Island	4.54	83	Pn	Pn	08 59	

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, H, S, ISC. Includes stations like PV04, PV12, PV21, etc.

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, H, S, ISC. Includes stations like NOA, HFS, EKA, AKASG, etc.

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, H, S, ISC. Includes stations like ARAO, AROE, AROE, etc.

HEL 11 09:31:00.0, 0.3, 67.68N, 33.97E, h0km, ML2.1, Explosion
NAO 11 09:31:00.6, 1.3, 67.63N, 33.87E, ML2.7
ISC 11 09:30:59.3, 2.0, 67.61N, 0.04, 33.98E, 0.10, h0km, n25,
e142f51, Baltic States-Belarus-Northwestern Russia

BUI 11 09:46:02.0, 3.0, 38.58N, 23.28E, h14km, mB5.0/15,
mb4.6/21, Ms4.6/5, Ms7.4/34
DDA 11 09:46:02.4, 38.30N, 23.44E, h7km, 5km, MW4.5
ISK 11 09:46:04.7, 38.41N, 23.69E, h9km, ML4.4/34
ATH 11 09:46:05.0, 38.45N, 23.71E, h26km, ML4.4/29, Error
ellipse: s-maj=0.7km s-min=0.5km az=91.0
THE 11 09:46:05.8, 38.44N, 23.70E, h8km, ML4.4/31, Error
ellipse: s-maj=0.8km s-min=0.4km az=91.0
PDG 11 09:46:05.9, 0.6, 38.46N, 23.67E, h18km, ML4.1/14, Error
ellipse: s-maj=0.5km s-min=0.7km az=0.0
MED_RC 11 09:46:05.0, 0.6, 38.38N, 23.80E, h14km, 1km, MW4.1/11,
Moment Tensor Solution, Mantle waves: s1, c15;
Duration: 1s0 Moment tensor: Scale 10^15Nm;
Mr=4.20t; 63; M=3.79t; 42; M=0.81t; 41; Best double couple:
Mo4.730000*10^15 NP14.286.00000, 844.00000,
-1.70.00000. NP2.129.00000, 848.00000,
-1.74.00000. Principal axes: T 5.1000, Plg2.0000,
Azim28.0000; N -0.7300, Plg12.0000, Azim298.0000;
P -4.3700, Plg78.0000, Azim10.0000; nsta1 refers to
body waves. nsta2 refers to surface waves, cutoff=30s.
MOS 11 09:46:06.3, 0.9, 38.39N, 23.72E, h29km, mb4.5/17
Error ellipse: s-maj=7.7km s-min=4.8km az=81.1
NEIC 11 09:46:07.6, 1.9, 38.46N, 0.04, 23.74E, 0.06, h27km, 5km,
Error ellipse: s-maj=7.4km s-min=5.8km az=50.0
IDC 11 09:46:08.2, 0.8, 38.45N, 23.76E, h31km, 21km, mb3.9/20,
mb1.4/0.29, mb1.mmx3.9/48, mbtmp4.1/29, ML3.5/9, MS3.0/10,
Ms1.3/0.10, ms1mx2.8/50, Error ellipse: s-maj=13.1km
s-min=11.8km az=176.0
BEO 11 09:46:12.3, 0.8, 39.02N, 23.89E, h0km, ML3.6/6
ISC 11 09:46:06.0, 0.8, 38.45N, 0.01, 23.70E, 0.11, h15km, 5km,
n47.1, e145/569, mb4.34, 26-17d, Greece

Table with columns: ARCR, ARCALIA, 8.65, 3, P, Pn, 09 48 12.3 +1.8, etc. Includes stations like ARCR, ARCALIA, AQU, AQUA, etc.

Table with columns: ESK, Eskdalemuir, 24.72, 322, P, Pmax, 09 51 28.0 +1.5, etc. Includes stations like ESK, Eskdalemuir, PVAQ, Vaqueiros, etc.

Table with columns: CCM, Cathedral Cave, 83.18, 314, P, Pmax, 09 58 31.2 -0.4, etc. Includes stations like CCM, Cathedral Cave, MJAR, Matsushiro Arr, etc.

11d 11h

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Table with columns: Code, Station Name, h162, r1528/230, mb3.8/5.6, C-10D, Greece, Phase ID, Time Res, ISC, h m s ISC, and various station identifiers like MRKA, KYMI, DION, etc.

Table with columns: XOR, Xorichti, 1.00 333, P, Pn, and various station identifiers like DLFA, DID, YDRA, KRND, etc.

Table with columns: VTS, Vitosha, 4.16 355, Pn, Pn, and various station identifiers like SCTE, PLVB, AKAS, etc.

DC 11 11:38:32.6/2.2, 0.99N:122:32E, h0km, mb3.7/3, mb1 3.6/10, mb1mx3.5/38, mbtm3.7/3, Error ellipse: ...

DC 11 11:46:05.2/1.2, 39:79N:142:82E, h0km, mb3.6/6, mb1 3.6/10, mb1mx3.5/56, mbtm3.5/10, ML3.2/3, MS2.6/2, ...

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SJMP	San Jose	0.38	167	Op	h	ISC
				Pn	11 48 18.6	-0.2
				Sb	11 48 27.1	+1.7
PJP	Puerto Galera	0.67	354f	eS	11 48 19.4	-2.7
				Pn	11 48 27.7	-3.3
				Sb	11 48 27.9	-0.5
OTRP	Odiong	1.08	116	eP	11 48 29.1	-0.6
				Pn	11 48 29.1	-0.6
				Sb	11 48 45.2	-0.2

NEIC 11 11:54:28.5±2.4, 49.09N±0.05±2.57W±0.08, h1km±5km, Error ellipse: s-maj=8.0km s-min=6.0km az=56.0

IDC 11 11:54:29.3±1.2, 49.05N±2.53W±h0km, mb3.6/8, m1.3, 7/13, mb1mx3.6/52, mbtmp3.7/13, ML4.6, MS2.8/4, Ms1.2.8/4, ms1mx2.4/3.3, Error ellipse: s-maj=20.3km s-min=16.8km az=83.0

STR 11 11:54:31.4±0.2, 49.12N±2.51W±h0km, mb5.8/11, mb4.1/6, ML4.9/14, Mw(mB)5.1/3.1, smi:scs/0.6/LOCSAT

earthModellD smi:scs/0.6/haslach_taup-2.11 preliminary LDG 11 11:54:32.3±0.1, 49.08N±2.47W, h8km, Md4.5/5, ML4.6/85, Error ellipse: s-maj=1.2km s-min=1.0km az=71.0

BGS 11 11:54:32.3±0.1, 49.15N±2.41W, h12km±2km, ML4.3 BGR 11 11:54:34.6±0.6, 49.10N±2.30W, h10km, ML4.9, Error ellipse: s-maj=14.5km s-min=8.9km az=173.0

ISC 11 11:54:29.6±0.2, 49.087N±0.010±2.55W±0.01, h10km, #469, c283/580, mb3.7/7, 7C-3D, France

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JSA	Saint Aubin	0.15	49f	Op	h	ISC
				Pn	11 54 36.2	+3.1
				Sg	11 54 38.9	+3.5
JSA	comp=N,47um,0.2s			eS	11 54 39.4	
				IAML		
JSA	comp=E,29um,0.2s			IAML	11 54 39.5	
JSA	Saint Aubin	0.15	49f	Op	h	ISC
				Pn	11 54 36.2	+3.1
				Sg	11 54 38.9	+3.5
JSA	comp=N,47um,0.2s			eS	11 54 39.4	
				IAML		
JSA	comp=E,29um,0.2s			IAML	11 54 39.5	
JSA	Saint Aubin	0.15	49	Pg	11 54 36.1	+3.1
				Sg	11 54 39.1	+3.7
				Pg	11 54 36.2	+3.1
JSA	Saint Aubin	0.15	49f	Op	h	ISC
				Pn	11 54 36.2	+3.1
				Sg	11 54 38.9	+3.5
JSA	comp=N,47um,0.2s			eS	11 54 39.4	
				IAML		
JSA	comp=E,29um,0.2s			IAML	11 54 39.5	
JDC	Jersey Dam (Cr	0.22	64	eP	11 54 37.4	+3.2
				Pg	11 54 37.4	+3.2
				Pg	11 54 37.4	+3.2
JDC	Jersey Dam (Cr	0.22	64	eP	11 54 37.4	+3.2
				Pg	11 54 37.4	+3.2
				Pg	11 54 37.4	+3.2
JDC	Jersey Dam (Ga	0.23	62	eP	11 54 37.4	+3.1
				Pg	11 54 41.2	+3.8
				Pg	11 54 37.4	+3.1
JDC	Jersey Dam (Ga	0.23	62	eP	11 54 37.4	+3.1
				Pg	11 54 41.2	+3.8
				Pg	11 54 37.4	+3.1
JDC	Jersey Dam (Ga	0.23	62	eP	11 54 37.4	+3.1
				Pg	11 54 41.2	+3.8
				Pg	11 54 37.4	+3.1
JDC	Jersey Dam (Ga	0.23	62	eP	11 54 37.4	+3.1
				Pg	11 54 41.2	+3.8
				Pg	11 54 37.4	+3.1
SGMF	Saint Gilles	0.84	189	eP	11 54 47.6	+1.7
				Pg	11 54 48.5	+2.6
				Pg	11 54 47.6	+1.7
SGMF	Saint Gilles	0.84	189	eP	11 54 48.5	+2.6
				Pg	11 54 47.6	+1.7
				Pg	11 54 47.6	+1.7
SGMF	Saint Gilles	0.84	189	eP	11 54 49.3	+3.0
				Pg	11 54 58.7	+1.8
				Pg	11 54 49.3	+3.0
SGMF	comp=E,3um,0.2s			eSg	11 55 00.8	+3.1
SGMF	Saint Gilles	0.84	189	eS	11 55 00.8	+3.1
SGMF	Saint Gilles	0.84	189	Pb	11 54 49.4	+3.0
				Sg	11 54 58.7	+1.8
				Sg	11 54 49.4	+3.0
SGMF	Saint Gilles	0.84	189	eP	11 54 49.3	+3.1
				Pg	11 54 49.7	+1.5
				Pg	11 54 49.7	+1.5
ROSF	Rostréren	0.97	219	eP	11 54 50.9	+2.4
				Pg	11 55 01.2	+0.4
				Pg	11 55 01.2	+0.4
ROSF	Rostréren	0.97	219	eP	11 54 50.9	+2.4
				Pg	11 55 01.2	+0.4
				Pg	11 55 01.2	+0.4
ROSF	Rostréren	0.97	219	eP	11 54 50.9	+2.4
				Pg	11 55 01.2	+0.4
				Pg	11 55 01.2	+0.4
ROSF	comp=E,6um,0.3s			eSg	11 55 02.6	+1.8
ROSF	Rostréren	0.97	219	Pb	11 54 50.9	+2.4
				Sg	11 55 02.6	+1.8
				Sg	11 54 50.9	+2.4
ROSF	Rennes	1.08	154	Pg	11 54 52.8	+2.5
				Sb	11 55 06.2	+2.3
				Sb	11 54 52.8	+2.5
RENF	Gorron	1.21	125	eP	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
GRR	Gorron	1.21	125	eP	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
GRR	Gorron	1.21	125	eP	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
				Pn	11 54 56.7	+2.1
GRR	comp=E,1um,0.2s			eSg	11 55 10.7	+2.4
GRR	comp=E,4um,0.2s			eSg	11 55 12.9	+3.9
GRR	Gorron	1.21	125	Pn	11 54 56.5	+3.9
				Pb	11 55 10.7	+2.4
				Pb	11 55 12.9	+3.9
GRR	Gorron	1.21	125	Pn	11 54 56.5	+3.9
				Pb	11 55 10.7	+2.4
				Pb	11 55 12.9	+3.9
FLN	La Foliinière	1.27	104	ePn	11 54 55.7	+2.2
FLN	La Foliinière	1.27	104	eP	11 54 56.9	+3.4
				Pn	11 55 12.7	+2.6
				Pn	11 54 56.9	+3.4
FLN	comp=E,6um,0.3s, baz=284			eS	11 55 12.7	+2.6
FLN	comp=E,3um,0.3s			eSg	11 55 15.3	+4.7
FLN	comp=E,4um,0.2s, baz=282			Pn	11 54 56.9	+3.4
				Pb	11 55 12.7	+2.6
				Pb	11 54 56.9	+3.4
FLN	La Foliinière	1.27	104	Pn	11 54 56.9	+3.4
				Pb	11 55 12.7	+2.6
				Pb	11 54 56.9	+3.4
FLN	Quistinic	1.29	205	ePn	11 54 54.7	+1.0
				Pn	11 54 55.8	+2.1
				Pn	11 54 54.7	+1.0
QUIF	Quistinic	1.29	205	eP	11 54 55.8	+2.1
				Pn	11 54 56.3	+2.6
				Pn	11 54 55.8	+2.1
QUIF	Quistinic	1.29	205	eP	11 54 56.3	+2.6
				Pn	11 55 12.1	+1.5
				Pn	11 54 56.3	+2.6
QUIF	Quistinic	1.29	205	Pb	11 54 56.3	+2.6
				Sb	11 55 12.1	+1.5
				Sb	11 54 56.3	+2.6
LDF	La Druitière	1.55	108	ePn	11 54 59.5	+2.2
				Pn	11 55 01.3	+4.0
				Pn	11 54 59.5	+2.2
LDF	La Druitière	1.55	108	eP	11 55 02.4	+4.0
				Pb	11 55 19.0	+1.5
				Pb	11 55 02.4	+4.0
LDF	La Druitière	1.55	108	eS	11 55 19.0	+1.5
				Sb	11 55 23.4	+5.3
				Sb	11 55 19.0	+1.5
LDF	comp=E,2um,0.4s			eSg	11 55 23.4	+5.3
LDF	La Druitière	1.55	108	Pb	11 55 02.4	+4.0
				Sb	11 55 19.0	+1.5
				Sb	11 55 23.4	+5.3
LDF	La Druitière	1.55	108	Pb	11 54 59.6	+0.4
				Pn	11 55 27.4	
				Pn	11 54 59.6	+0.4
DYA	Yadsworth	1.69	323	Op	11 55 27.4	
				Pn	11 55 27.4	
				Pn	11 55 27.4	
DYA	comp=N,4um,0.5s			IAML	11 55 27.4	
DYA	Yadsworth	1.69	323	Op	11 54 59.6	+0.4
				Pn	11 55 27.4	
				Pn	11 54 59.6	+0.4
DYA	comp=N,4um,0.5s			IAML	11 55 27.4	
DYA	Yadsworth	1.69	323	Pn	11 54 59.6	+0.4
				Pb	11 55 02.4	+1.6
				Pb	11 55 23.5	+1.3
DYA	Yadsworth	1.69	323	Pn	11 54 59.6	+0.4
				Pb	11 55 02.4	+1.6
				Pb	11 55 23.5	+1.3
DYA	comp=E,4um,0.4s			IAML	11 55 27.4	
DYA	comp=N,4um,0.5s			IAML	11 55 27.4	
DYA	Carmenellis	2.17	302	eP	11 55 06.0	+0.2
				IAML	11 55 40.0	
				IAML	11 55 40.0	
DYA	comp=N,891nm,0.3s			IAML	11 55 41.6	
DYA	Carmenellis	2.17	302	eP	11 55 06.0	+0.2
				IAML	11 55 40.0	
				IAML	11 55 40.0	
DYA	comp=N,891nm,0.3s			IAML	11 55 41.6	
DYA	Carmenellis	2.17	302	Pn	11 55 05.9	+0.2
				Pn	11 55 06.0	+0.2
				Pn	11 55 06.0	+0.2
DYA	comp=N,891nm,0.3s			IAML	11 55 40.0	
DYA	Carmenellis	2.17	302	Pn	11 55 05.9	+0.2
				Pn	11 55 06.0	+0.2
				Pn	11 55 06.0	+0.2
DYA	comp=N,891nm,0.3s			IAML	11 55 41.6	
HTL	Hartland	2.35	325	eP	11 55 08.7	+0.4
				IAML	11 55 49.8	
				IAML	11 55 49.8	
HTL	comp=E,2um,0.6s			IAML	11 55 53.2	
HTL	Hartland	2.35	325	eP	11 55 08.7	+0.4
				IAML	11 55 49.8	
				IAML	11 55 49.	

Table with multiple columns containing station names, call signs, frequencies, and signal quality indicators. Includes stations like Les Rejaudoux, Membach, Edmundbyers, Broad Law, and many others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PGIoggiola, Marv??o, Zouflin, Badajoz, etc.

ISC 11 11:56:38.5-1.0, 29.55N:103.00E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.6/6, mbtmp3.9/9, ML3.5/1, MS2.9/2, Ms1 2.9/2, ms1mx2.4/50, Error ellipse: s-maj=30.8km s-min=18.9km az=55.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMI, GYA, ENH, XAN, WMQ, etc.

ISC 11 12:05:13.9-1.4, 42.37N:24.11E, h0km, ML1.3/3, Mining explosion, Bulgaria

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

ISC 11 12:09:56.2-1.1, 71.55N:0.08E, h10km, ML2.0, MS3.3, ML3.7(NAO), Confirmed Earthquake

DLBC Dease Lake 45.09 324 LR LR 12 37 10.2
PDAR Pinedale Array 54.92 300 LR LR 12 42 22.2
TORD Torodi Ar. Bea 58.52 175 P P 12 19 52.1 +1.0
PV22 Blue Mesa, Par 58.64 298 P P 12 19 51.6 -0.4
ANMO Albuquerque 61.33 294 LR LR 12 45 20.3

TUL 11 12:17:05.5-1.2, 36.56N-101.9784W-0.03, h6km, 7km,
ML3.4, Error ellipse: s-maj=3.4km s-min=1.7km az=84.0,
NEIC 11 12:17:05.6-1.1, 36.551N, 0.007-97.85W-0.03, h5km, 7km,
Error ellipse: s-maj=3.5km s-min=1.0km az=82.0,
CERI 11 12:17:05.0, 36.54N-97.82W, h2km
ANF 11 12:17:06.3-1.5, 36.58N-97.84W, h9km, 12km, ML4, 1/17,
Error ellipse: s-maj=3.0km s-min=2.5km az=61.0,
ISC 11 12:17:05.5-0.9, 36.54N-102.9786W-0.03, h8km, 7km,

Code Station Name A° AZ' Phase ID Time Res
CROK Carrier 0.11 251 Pg Sg 12 17 08.5 +0.5
CROK 12 17 10.8 +1.0
KAN13 South Haven SW 0.56 33 Pg Sg 12 17 16.1 -0.3
KAN10 Anthony SW Sta 0.61 342 Pg Sg 12 17 17.2 -0.2
KAN10 12 17 17.5 +0.1
KAN01 Argonia South 0.62 7 Pg Sg 12 17 16.4 -1.1
KAN01 12 17 25.3 -0.3
KAN12 Harper NE Stat 0.77 352 Pg Sg 12 17 19.9 -0.3
KAN12 12 17 30.3 0.0
OK029 Liberty Lake 0.81 156 Pg Sg 12 17 21.1 +0.1
OK029 12 17 32.4 -0.5
BCOK Bluff Creek, N 0.90 167 Pg Sg 12 17 22.8 -0.1
BCOK 12 17 35.3 -0.3
UJ3A Winter Ranch, 0.94 261 Pg Sg 12 17 23.5 0.0
UJ3A 12 17 36.5 +0.9
ADOK Arcadia Dam 0.97 156 Pg Sg 12 17 24.1 0.0
ADOK 12 17 37.5 0.0
QUOK Quay 1.00 111 Pg Pg 12 17 24.1 -0.5
QUOK25 Westminster Rd 1.04 156 Pg Pg 12 17 25.5 -0.1
T35A Sooner Cattle 1.15 70 P Pb 12 17 26.6 -1.0
OKCFA Oklahoma City 1.17 63 P Pb 12 17 27.4 -0.6
OKCFA OKLAHOMA CITY 1.18 163 P Pb 12 17 29.9 -0.2
FNO Franklin 1.33 164 P Pb 12 17 30.8 -0.2
W35A Tecumseh 1.60 150 P Pb 12 17 34.5 -0.7
TUL1 Leonard 1.79 110 P Pb 12 17 37.3 -1.1
TUL1 12 18 01.3 -1.6
TUL1 Leonard 1.79 110 P Pb 12 17 37.0 -1.4
X34A Smith Ranch, M 1.93 179 P Pb 12 17 40.4 -0.6
WMOK Wichita Mouna, 1.95 203 P Pb 12 17 39.8 +0.9
WMOK 12 18 06.5 +0.8
WMOK 1.95 203 S Sb 12 18 06.5 +0.8
WMOK Wichita Mouna 1.95 203 P Pb 12 17 39.7 +0.9
R32A Long Quarter, 2.00 340 P Pb 12 17 41.2 -0.9
CBKS Cedar Bluff 2.72 327 S Sb 12 18 29.7 +1.8
CBKS 12 17 51.7 -2.7
KSU1 Kansas State U 2.74 21 P Pb 12 17 50.1 +0.3
KSU1 12 17 50.3 +0.5
U38A Gravette 2.80 91 P Pb 12 17 51.0 +0.4
X37A Clayton 2.81 133 P Pb 12 17 51.6 +0.9
HHAR Hobbs 3.17 93 P Pb 12 17 56.2 +0.4
Z35A Perchaven, San 3.24 171 P Pb 12 17 57.4 +0.8
AMTX Amarillo 3.52 243 S Sb 12 18 56.5 -2.2
AMTX Amarillo 3.52 243 P Pb 12 18 01.1 +2.5
W39A Magazine 3.57 111 P Pb 12 18 01.7 +0.6
W39A 12 18 01.8 +0.6
S39A Bolivar 3.80 71 P Pb 12 18 04.7 +0.3
MIAR Mount Ida 4.02 118 P Pb 12 18 08.6 +1.3
MIAR 12 18 55.5 +0.9
MIAR Mount Ida 4.02 118 P Pb 12 18 08.1 +0.8
Z38A Mt. Pleasant 4.03 143 P Pb 12 18 07.6 +0.1
U40A Yellville 4.04 91 P Pb 12 18 08.1 +0.5
U40A Yellville 4.04 91 P Pb 12 18 07.3 -0.3
ABTX Abilene, Hawle 4.17 201 S Sb 12 19 16.3 -3.3
ABTX Abilene, Hawle 4.17 201 P Pb 12 18 10.3 +0.8
KSCO Kaye Shediack 4.51 305 P Pb 12 18 15.1 +0.9
KSCO 12 19 07.7 +0.7
KSCO Kaye Shediack 4.51 305 P Pb 12 18 15.7 +1.4
MGMO Mountain Grove 4.55 176 P Pb 12 18 15.3 +0.8
WHTX Lake Whitney, 4.55 176 P Pb 12 18 15.3 +0.7
WHTX Lake Whitney, 4.55 176 P Pb 12 18 15.9 +0.8
X40A Basin Creek Fa 4.58 115 P S 12 19 09.9 +1.4
W41B Gary Mavity, V 4.76 105 P Pn 12 18 17.9 +0.5
MSTX Muleshoe 4.77 239 S Sb 12 19 33.7 -5.0
MSTX Muleshoe 4.77 239 P Pb 12 18 19.7 +2.0
WLAR White Oak Lake 4.82 125 P Pb 12 18 19.2 +0.9
UJALR University of 4.82 110 P Pb 12 18 18.5 +0.1
BGNE Belgrade 4.87 357 P Pb 12 18 19.1 +0.1
BGNE Belgrade 4.87 357 P Pb 12 18 19.2 +0.2
Z41A Richland Creek 4.89 127 S Sb 12 19 47.5 +0.7
T25A Trinidad 5.29 278 P Pn 12 18 26.1 +1.1
T25A Trinidad 5.29 278 P Pb 12 18 25.3 +0.2
LCAR Lake Charles 5.43 93 P Pb 12 18 27.7 +0.7
P40A Paris 5.47 55 P Pb 12 18 27.6 +0.3
CCM Cathedral Cave 5.49 72 P Pb 12 18 27.3 -0.2
L34A Svendsen Farm, 5.54 12 P Pb 12 18 25.9 -2.4
N38A Joes South For 5.58 39 P Pb 12 18 28.9 +0.2
SDCO Great Sand Dun 6.22 283 P Pb 12 18 39.1 +1.2
SDCO 12 18 39.7 +1.8
JCT Junction City 6.26 196 P Pb 12 18 37.7 -0.5
Q24A Divide 6.26 295 P Pb 12 18 38.9 +0.4
ISCO Idaho Springs 6.92 300 P Pn 12 18 48.1 +0.6
ISCO Idaho Springs 6.92 300 P Pb 12 18 46.8 -0.7
OXF Oxford 7.18 104 P Pb 12 18 50.8 +0.1
ECSD EROS Data Cent 7.25 7 P Pb 12 18 51.5 -0.2
ECSD EROS Data Cent 7.25 7 P Pb 12 18 51.4 -0.4
L40A Anamosa 7.54 41 P Pb 12 18 54.4 -1.3
N23A Red Feather La 7.67 307 P Pb 12 18 58.9 +1.2
N23A 12 18 59.3 +1.5
N3A Red Feather La 8.65 40 P Pb 12 19 10.9 0.0
N3A 12 19 10.9 0.0

WEL 11 12:21:20.7-0.7, 33°S 19°18'E-0.27, h423km, 26km,
M4.3/16, mB4.3/1, MLV4.3/16, Mw(mB)5.1, South of
Kermadec Islands

Code Station Name A° AZ' Phase ID Time Res
MXZ Matakoa Point 4.98 193 P P 12 22 42.2 -1.1
WMGZ Waioamatini S 4.91 192 P P 12 22 46.5 +0.9
WMGZ 12 23 55.9 +0.8
HAZ Te Kaha 5.28 197 P S 12 22 46.2 -0.1
HAZ 12 23 55.6 -0.9
PKGZ Pakihiroa 5.34 194 P S 12 22 48.7 +1.7
PUZ Puketiti 5.48 192 P S 12 24 01.6 +1.3
RUGZ Raukumara Rang 5.51 197 P P 12 22 48.1 -0.6
TWGZ Tauwharepare 5.64 194 P P 12 22 51.0 +0.9
TWGZ 12 23 53.9 +0.5
MWZ Matawai 5.89 197 P P 12 22 52.0 +0.2
TKGZ Te Karaka 5.92 195 P S 12 22 53.7 +0.8
TKGZ 12 24 08.6 +0.1
URZ Urewera 5.94 201 P S 12 22 52.1 -1.0
URZ 12 24 08.4 -0.5

RAGZ Rawiri 6.08 198 P P 12 22 55.0 +0.4
RIGZ Rimuhau 6.02 195 P P 12 22 55.1 -0.7
MUGZ Mururapa 6.24 202 P P 12 22 52.5 -3.8
MUGZ 12 24 16.0 +1.2
SNGZ Shannon Statio 6.37 197 P P 12 22 57.9 +0.2
RAHZ Aarahi 6.56 199 P P 12 23 08.9 +0.9
RAHZ 12 24 21.5 +0.4
MTHZ Maungataniwha 6.57 200 P S 12 23 00.1 -0.2
MTHZ 12 24 21.9 +0.6
TLZ Tolley Lake 6.57 210 P P 12 23 01.9 +1.6
NMHZ Naumai 6.80 200 P P 12 23 02.4 -0.5
NMHZ 12 23 08.9 +0.9
BKHZ Black Stump Fm 6.96 201 P S 12 23 03.4 -1.1
HZH Hauiti 7.03 213 P P 12 23 05.8 +0.6
MCHZ McNeill Hill 7.16 199 P P 12 23 06.6 -0.1
MCHZ 12 24 34.8 +1.8
KRWZ Karewarewa 7.19 207 P S 12 23 08.3 +0.2
KRWZ Kaweka Forest 7.22 201 P S 12 23 06.4 -0.9
BWHZ Black Hill Sta 7.39 203 P P 12 24 37.7 +3.3
KRWZ Kereru 7.44 201 P S 12 23 08.6 -1.1
KRWZ 12 24 39.8 -1.2
PKZ Pawanui 6.67 197 P P 12 23 11.9 -0.2
PNHZ Pukenui 7.74 201 P P 12 23 11.5 -1.5

IDC 11 12:22:46.2-0.6, 29.68S-177.01W, h0km, mb4.3/14,
mb1 4.4/15, mb1mx3.3/33, mbtmp4.3/15, ML4.6/1, MS4.2/3,
Ms1 4.2/3, ms1mx3.6/33, Error ellipse: s-maj=19.3km
s-min=15.5km az=38.0,
NEIC 11 12:22:47.1-1.9, 29.75S-0.08-177.07W-0.08, h10km, 1km,
mb4.7/21, Error ellipse: s-maj=15.8km s-min=8.5km

GCMT 11 12:22:52.1-0.2, 29.58S-0.02-176.67W-0.02, h22km,
MM5.0/103, Moment Tensor Solution, s70, c97,
s103, c148; Duration: 0 Moment tensor: Scale 1016Nm;
Mw-4.08±.17; Mo-0.53±.12; Mo-3.55±.11; Mo-0.28±.23;
Mw-1.15±.08; Mw-2.48±.17; Best double couple:
Ms4.7200x1016 NP1.0x204.00000°, δ30.00000°,
λ1.00000°. NP2.0x12.00000°, δ61.00000°, λ84.00000°.
Principal axes: T 4.8160, P1g73.0000°, Azm268.0000°; N
-0.1930, P1g5.0000°, Azm115.0000°; P -4.6270,
P1g16.0000°, Azm107.0000°; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 11 12:22:49.2-0.5, 29.79S-0.05-176.98W-0.07, h24km,
n102, t191/101, mb4.5/19, MS4.3/5, 2D, Kermadec
Islands region

Code Station Name A° AZ' Phase ID Time Res
GLKZ Green Lake 0.98 303 P Op ISC 12 23 07.9 +0.4
GLKZ 12 23 24.9 +3.8
RAO Raoul Island 0.98 303 P Pb 12 23 07.4 -0.1
RAO 12 23 21.3 +0.7
RAO 7µm, 0.3s, baz=106, slow=22, SNR=23 Sn LR 12 23 32.8
RAO comp=2.18µm, 18.7s, baz=170, slow=52 Sn LR 12 23 05.9 -1.6
RAO Raoul Island 0.98 303 Pn 12 23 16.0 -4.0
RAO 12 23 07.7 -0.1
RIZ 12 23 04.9 +3.4
GRZ Great Barrier 9.04 223 P Pn 12 24 57.0 -1.3
GRZ Te Kaha 9.06 207 P Pn 12 24 57.5 -1.0
HAZ 12 26 41.5 +1.9
PKGZ Pakihiroa 9.06 206 P S Sn 12 24 55.5 -3.0
RUGZ Raukumara Rang 9.28 207 P S Sn 12 26 38.9 -0.9
RUGZ 12 27 11.5 -0.1
TWGZ Tauwharepare 9.35 205 P Pn 12 24 59.0 -3.5
TWGZ 12 26 45.8 -1.1
WCZ Waipu Caves 9.53 228 P Pn 12 25 11.0 +6.1
WCZ Omahuta 9.62 233 P Pn 12 25 24.9 -1.2
TKGZ Te Karaka 9.63 205 P Pn 12 25 05.9 -0.4
TKGZ 12 26 56.2 +2.5
MWZ Matawai 9.66 207 P S Sn 12 25 07.6 +0.8
MWZ 12 26 51.0 -3.5
URZ Urewera 9.76 209 Pn 12 25 06.9 -1.2
URZ 12 25 05.5 +0.7
RIGZ 12 27 00.5 +0.2
TOZ Tahuroa Road 10.09 216 P Pn 12 25 16.6 +4.0
MUGZ Mururapa 10.09 209 P S Sn 12 25 09.3 -3.3
MUGZ 12 27 02.6 -2.4
SNGZ Shannon Statio 10.12 206 P Pn 12 25 10.4 -2.7
SNGZ 12 25 16.5 +0.7
RAHZ Aarahi 10.34 207 P Pn 12 25 11.9 -4.1
MTHZ Maungataniwha 10.38 208 P Pn 12 25 11.0 -5.6
NMHZ Naumai 10.60 207 P S Sn 12 25 15.3 -4.3
NMHZ 12 27 19.5 +1.8
BKHZ Black Stump Fm 10.79 208 P S Sn 12 25 16.1 -1.0
BKZ Black Stump Fm 10.79 208 Pn Pn 12 25 17.7 -0.5
MCHZ McNeill Hill 10.94 207 P Pn 12 25 19.6 -4.6
HZH Hauiti 11.01 216 Pn Pn 12 25 26.5 +1.3
HZH 12 25 25.9 +0.6
KRWZ Kaweka Forest 11.04 206 Pn Pn 12 25 22.2 -3.4
BHHZ Black Hill Sta 11.24 209 Pn Pn 12 25 27.4 -1.0
BFZ Birch Farm 11.29 205 Pn Pn 12 25 41.2 -0.1
MSVZ Nonsavu 12.84 338 Pn Pn 12 25 44.3 -6.1
MSVZ Moikau Station 13.20 206 Pn Pn 12 25 51.5 -3.7
SNZO South Karori 13.33 208 Pn Pn 12 25 55.3 -1.6
PLWZ Palliser 13.33 206 Pn Pn 12 25 52.2 -1.4
BHW Baring Head 13.34 208 Pn Pn 12 25 54.4 -2.7
TUWZ Tuamarina 13.75 210 Pn Pn 12 25 59.7 -2.9
NMZ Nelson 13.83 212 Pn Pn 12 26 04.5 +0.8
QRZ Quartz Range 13.94 215 Pn Pn 12 26 04.6 -0.6
KHZ Kohurangi 14.48 212 Pn Pn 12 26 11.6 -0.7
KHZ Kahurangi 14.73 209 Pn Pn 12 26 14.9 -1.1
LTZ Lake Taylor 15.57 211 Pn Pn 12 26 26.4 -0.8
LTZ 12 26 42.0

DZM Mont Dzumac 16.77 293 eLR LR 12 30 27.2
DZM 12 26 45.0 +0.3
DZM comp=2.4µm, 18.3s, baz=136, slow=34 LR LR 12 32 07.7
DZM 12 26 43.6 0.0
DZM comp=2.2µm, 0.3s, baz=120, slow=1.4, SNR=9.5 Sn 12 29 38.4 -1.2
RPZ Rata Paeas 16.86 211 Pn Pn 12 26 41.7 -1.9
RPZ Rata Paeas 16.86 211 Pn Pn 12 26 48.0 -1.0
FOZ Fox Glacier 17.01 214 Pn Pn 12 27 01.6
FOZ 12 27 01.6
RAR comp=2.50nm, 1.0s
Rarotonga 17.71 65 LR LR 12 33 00.5
LBZ Lake Benmore 17.77 211 Pn Pn 12 26 53.9 -1.0
ODZ Otahua Downs 18.09 209 Pn Pn 12 26 55.8 -3.0
ODZ 12 27 04.5
comp=2.38nm, 1.1s
MLZ Mavora Lakes 19.47 213 P P 12 27 13.8 -0.6
MLZ 12 27 24.4
comp=2.31nm, 1.3s
WHZ Wether Hill Ro 19.95 212 P LQ 12 27 18.8 -0.6
TBI Tubuai 25.40 82 eLR LR 12 33 17.7
TBI comp=2.563nm, 26.3s eLR LR 12 34 28.4
TBI 12 35 16.5
PAE Paea 27.76 70 eT T 12 57 56.0
PPT2 Papeete 27.80 70 eLR LR 12 34 12.1
PPT2 comp=2.684nm, 24.0s eLR LR 12 35 32.7
PPT comp=2.1µm, 25.2s, baz=245 LR LR 12 36 47.6
PPT Papeete 27.81 70 LR LR 12 36 47.6
EIDS Eidsvold 28.60 271 P P 12 28 43.9 +0.2
EIDS 12 29 01.0
CTA Charters Trough 34.59 278 P P 12 29 36.3 -0.1
CTA comp=2.2nm, 0.7s, baz=112, slow=7.4, SNR=3.8 P P 12 29 34.7 -1.7
CTAO Charters Trough 34.59 278 P P 12 29 50.1
CTAO 12 29 50.1
STKA Stephens Creek 35.48 256 P P 12 29 44.1 +0.1
STKA comp=2.2nm, 1.3s P P 12 29 44.1 +0.1
STKA 12 29 44.1 +0.1
STKA comp=2.10nm, 0.8s, baz=103, slow=1.1, SNR=15 P P 12 29 44.1 +0.1

STKA Stephens Creek 35.48 256 P P 12 29 46.2 +2.2
RKT Rikitea 38.03 90 eLR LR 12 40 17.3
BBOO Buckleboe 39.99 253 P P 12 40 23.0 +0.9
TAOE Nuku Hiva Isla 40.05 266 eLR LR 12 41 13.0
AS31 Alice Springs 44.03 266 P P 12 30 56.4 +1.1
ASAR Alice Springs 44.03 266 P P 12 30 55.0 -0.2
comp=2.3, 8nm, 0.8s, baz=105, slow=7.8, SNR=32
WR0 Warramunga Arr 44.78 271 P P 12 31 00.7 -0.6
WR0 12 31 06.3
comp=2.7, 2nm, 0.8s
WB2 Warramunga Arr 44.96 271 P P 12 31 01.9 -0.7
WR0 Warramunga Arr 44.97 271 P P 12 31 02.4 -0.3
comp=2.7, 4nm, 0.7s, baz=113, slow=6.7, SNR=7.1
WB0 Warramunga Arr 44.97 271 P P 12 31 02.0 -0.9
WB0 12 31 17.1
comp=2.1, 0nm, 0.6s
F0RT Forrest 47.06 254 P P 12 31 19.6 +0.5
VND Vanda 48.79 186 P P 12 31 33.2 +1.4
comp=2.0, 8nm, 0.6s, baz=48, slow=2.1, SNR=2.7
KNRA Kununurra 51.55 273 P P 12 31 53.0 -0.6
KNRA 12 32 10.7
FITZ Fitzroy Crossi 53.25 269 P P 12 32 05.9 -0.3
FITZ 12 32 19.9
comp=2.2, 4nm, 1.4s
CASY Casey Pole Qui 56.09 208 P P 12 32 25.4 -0.6
GSPA South Pole Qui 60.32 180 P P 12 32 58.5 +2.7
comp=2.3, 2nm, 0.8s, baz=323, slow=1.1, SNR=15
GSPA South Pole Qui 60.32 180 P P 12 32 59.3 +3.3
MAW Mawson 73.18 200 P P 12 34 20.2 +2.6
comp=2.4, 0nm, 1.1s, baz=148, slow=2.7, SNR=3.9
SYO Syowa Base 77.90 193j eP P 12 34 45.8 +1.2
SYO Syowa Base 77.90 193j eP S P 12 34 49.0 -3.8
MJAR Matsushiro Arr 78.25 325 P P 12 34 47.0 0.0
MJAR 12 35 21.4 +1.6
comp=2.1, 9nm, 0.8s, baz=166, slow=7.2, SNR=4.7
KSRS Korea Arr 84.47 319 P P 12 35 21.4 +1.6
comp=2.1, 9nm, 0.8s, baz=140, slow=4.5, SNR=3.8
PETK Petropavlovsk- 85.45 345 P P 12 35 24.6 -0.2
comp=3.4, 4nm, 0.8s, baz=111, slow=8.1, SNR=5.7
USRK USSuriysk Arr 87.15 326 P P 12 35 33.7 +0.7
comp=2.3, 1nm, 1.0s, baz=174, slow=3.5, SNR=5.6
NVAR Mina Araya Bay 87.19 42 P P 12 35 34.7 +1.1
comp=2.0, 4nm, 0.7s, baz=22, slow=7.4, SNR=4.8
U15A North Rim 89.57 47 P P 12 35 44.1 -0.9
U15A 12 35 59.1
TXAR Lajitas Array 91.32 57 P P 12 35 54.5 +1.3
comp=2.0, 1nm, 0.2s, baz=197, slow=5.3, SNR=1.8
ILAR Eielson Array 91.74 13 P P 12 36 19.3 +0.3
comp=2.0, 5nm, 0.8s, baz=280, slow=3.1, SNR=3.3
MKAR Makanchi Array 117.03 30 P P 12 41 32.4 -1.4
KURK Kurchatov 121.27 314 PKPdf PKPdf 12 41 38.4 -1.4
ARCES ARCES Array B 138.18 348 PKP PKP 12 42 11.6 -1.8
comp=2.3, 1nm, 1.0s, baz=18, slow=1.1, SNR=2.2
FIA1 FINESSE Array S 144.87 341 PKPb PKPb 12 42 21.1 -1.4
FINES FINESSE Array S 144.87 341 PKP PKPdf 12 42 22.1 -1.4
KBZ Khabaz 145.50 305 PKPb PKPb 12 42 24.6 -0.8
comp=2.4, 2nm, 0.9s, baz=63, slow=2.7, SNR=19.3
NC303 NORSTAR Array S 148.08 352 PKPb PKPb 12 42 32.5 -1.4
NB2 NORSTAR Subarray 148.28 352 PKPb PKPb 12 42 32.4 -2.0
comp=1.6nm, 1.7s, baz=17, slow=6.2
NOA NORSTAR Array B 148.28 352 PKPb PKPb 12 42 32.7 -1.7
comp=2.2, 4nm, 0.9s, baz=14, slow=4.5, SNR=7.1
AKAG Malin Array Be 151.34 324 PKPb PKPb 12 42 40.6 -0.4
comp=2.3, 1nm, 0.5s, baz=49, slow=3.0, SNR=9.0
AKBB Malin Array St 151.34 324 PKPb PKPb 12 42 40.2 -0.7
BRTR Malin Array B 153.08 300 PKPb PKPb 12 42 45.3 +0.2
comp=2.0, 4nm, 0.3s, baz=104, slow=3.0, SNR=1.4
CLL Collm 157.25 344 i PKPb PKPb 12 43 14.6 -0.1
comp=2.6, 0nm, 1.1s
CLL 12 43 26.0
CLL e SS 12 43 07.00 +1.5
CLL eSSS SSS 12 43 13.00
CLL eSSSS SSS 12 43 17.06
TORD Torodi Ar. Bea 163.39 175 P P Pb 12 43 41.1 -0.1
comp=2.0, 3nm, 0.5s, baz=184, slow=2.9, SNR=1.5

IDC 11 12:23:38.9-3.1, 29.87S-176.91W, h0km, mb4.0/2,
mb1 4.5/5, mb1mx4.0/34, mbtmp4.3/5, MS3.3/1, Ms1 3.3/1,
ms1mx3.1/25, Error ellipse: s-maj=89.5km s-min=26.6km
az=166.0,
NEIC 11 12:24:24.9-1.3, 29.33S-0.1, 176.73W-0.07, h10km, 1km,
mb4.6/7, Error ellipse: s-maj=20.0km s-min=5.7km
az=28.0,

ISC 11 12:24:26.7-1.2, 29.45S-0.1-176.70W-0.1, h21km, n19,
n084/20, mb4.6/9, Kermadec Islands region

Code Station Name A° AZ' Phase ID Time Res
RAO Raoul Island 1.07 304 P Op ISC 12 24 01.9 +0.7
RAO 12 24 16.5 -0.3
RAO 12 24 16.5 -0.3
ASAR Alice Springs 44.09 266 P P 12 31 48.2 -0.9
WRA Warramunga Arr 45.03 271 P P 12 31 57.3 +0.7
FINES FINESSE Array B 144.96 341 PKP PKPb 12 43 16.3 -0.3
IDC 11 12:24:26.7-1.2, 29.45S-0.1-176.70W-0.1, h21km, n19,
n084/20, mb4.6/9, Kermadec Islands region
Code Station Name A° AZ' Phase ID Time Res
RAO Raoul Island 1.08 276 Pn Pn 12 24 47.3 +0.8
RAO 12 25 01.2 +0.3
RAO 920nm, 0.3s, baz=92, slow=23, SNR=1.3 Sn 12 24 45.5 -1.0
RAO Raoul Island 1.08 276 Pn Pn 12 25 00.4 -0.4
URZ Urewera 10.25 209 Pn Pn 12 26 52.3 -0.1
EKZ Black Stump Fm 11.27 208 Pn Pn 12 27 05.7 -0.8
EIDS Eidsvold 28.64 270 P P 12 30 25.1 +1.3
EIDS 12 30 28.6
comp=2.8, 6nm, 1.4s
CTA Charters Trough 34.78 277 P P 12 31 15.7 -0.2
comp=2.3, 1nm, 0.6s, baz=108, slow=1.2, SNR=1.8
CTAO Charters Trough 34.78 277 P P 12 31 17.9 +1.9
CTAO 12 31 29.5
comp=2.1, 1nm, 0.9s
STKA Stephens Creek 35.83 255 P P 12 31 25.1 +0.3
comp=2.3, 2nm, 0.6s, baz=101, slow=16, SNR=2.9
STKA Stephens Creek 35.83 255 P P 12 31 24.6 -0.1
ASAR Alice Springs 44.31 265 P P 12 32 34.0 -1.3
comp=2.1, 7nm, 0.6s, baz=101, slow=7.4, SNR=2.7
WR0 Warramunga Arr 45.03 271 P P 12 32 39.5 -1.6
WR0 12 32 52.6
comp=2.7, 3nm, 1.0s
WB2 Warramunga Arr 45.20 270 P P 12 32 41.9 -0.5
WR0 Warramunga Arr 45.21 270 P P 12 32 42.2 -0.3
comp=2.5, 9nm, 0.7s, baz=111, slow=7.4, SNR=5.6
WB0 Warramunga Arr 45.23 271 P P 12 32 42.8 +0.1
WB0 12 32 43.0
comp=2.5, 3nm, 0.6s
CASY Casey 56.57 208 P P 12 34 08.2 +0.9
CASY 12 34 20.0
comp=2.5, 6nm, 0.9s
GUMO Guam 56.58 314 LR LR 12 55 02.1
comp=2.22nm, 18.2s, baz=142, slow=32
PETK Petropavlovsk- 85.12 345 P P 12 36 60.0 -0.6
comp=2.7, 7nm, 0.7s, baz=161, slow=9.2, SNR=2.8
FINES FINESSE Array B 144.56 341 PKP PKPdf 12 43 01.6 -0.8
comp=2.5, 8nm, 0.8s, baz=63

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LPAZ, W50A, W50A, NPGS, MIAR, CLDB, SIV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BUJ, CD2, CD2, CD2, etc.

Table with columns: XAN, Pg, Sg, Smax, Time, Res, ISC. Includes stations like XAN, XAN, XAN, XAN, etc.

NNC 11 13:03:59.4±0.5, 50.01N:78.66E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=8.0km s-min=2.5km az=79.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KUR07, KUR06, KUR14, KUR15, etc.

BGR 11 13:11:41.9±0.2, 25.50N:125.50E, h100km, mb5.5, MOS 11 13:11:44.9±0.9, 26.35N:125.81E, h122km, mb5.1/64, MS4.4/7, Error ellipse: s-maj=6.4km s-min=3.8km az=110.2

NIED 11 13:11:44.8, 26.31N:125.86E, h122km, MW5.3, Moment Tensor Solution. s3 Moment tensor: Scale 1016Nm; M1=0.48; M2=1.67; M3=2.15; M4=7.21; M5=5.58; M6=0.90; Fault plane solution: M1: 8.97000°/1016° NP1: 8.97000°, 129.00000°; M2: 358.51000°/1016° NP2: 358.51000°, 129.00000°; M3: 358.51000°/1016° NP3: 358.51000°, 129.00000°; M4: 358.51000°/1016° NP4: 358.51000°, 129.00000°; M5: 358.51000°/1016° NP5: 358.51000°, 129.00000°; M6: 358.51000°/1016° NP6: 358.51000°, 129.00000°

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

Table with columns: JIRB, JIRB, JM2, JM2, JTT3, JTT3, JNTH, JNTH, JNTH, JNTH, etc. Includes stations like JIRB, JIRB, JM2, JM2, JTT3, JTT3, JNTH, JNTH, etc.

MAT	MJAR	Matsushiro Arr	14.67 43	S	Pn	13 17 52.4 +2.2
		comp-Z,0.0nm,0.3s,baz=236,slow=14,SNR=6.0				13 15 05.1 -2.9
MJB9	Matsuo-Tunnel	14.67 43	Pn	Pn	13 15 06.9 -1.1	
ENH	Enshi	14.97 289	P	P	13 15 09.8 +2.1	
SNY	Shenyang	15.62 354	P	P	13 15 21.8 +0.3	
			S	S	13 18 15.2 +2.2	
			ScS	ScS	13 27 10.9 -2.9	
			Pmax	Pmax		
SNY		comp-Z,140nm,1.7s				
SNY		comp-Z,750nm,8.5s				
SNY		comp-Z,820nm,6.4s				
SNY		comp-Z,11µm,8.9s				
CHUN	Chongjin	15.82 11	P	Pn	13 15 22.0 -0.2	
BJT	Baijiatuu	15.91 332	P	P	13 15 22.9 -0.5	
BJT			Pmax	Pmax		
BJT		comp-Z,292nm,1.4s				
BJT		comp-Z,292nm,1.4s				
BJI	Beijing	15.93 332	P	P	13 15 25.2 +0.6	
BJI			S	S	13 18 21.8 +1.4	
BJI			Pmax	Pmax		
BJI		comp-Z,69nm,1.0s				
BJI		comp-Z,490nm,10.0s				
BJI		comp-Z,530nm,11.2s				
TIY	Taiyuan	16.10 318	eP	S	13 15 28.8 +2.1	
TIY			P	P	13 18 31.4 +3.9	
TIY			Pmax	Pmax		
TIY		comp-Z,240nm,1.1s				
TIY		comp-Z,2µm,5.7s				
TIY		comp-Z,550nm,11.6s				
TIY		comp-Z,630nm,10.9s				
TIY		comp-Z,640nm,10.9s				
QIZ	Qiongzong	16.45 247	P	P	13 15 31.4 +0.8	
QIZ			S	S	13 18 32.0 -1.3	
QIZ			Pmax	Pmax		
QIZ		comp-Z,34nm,1.2s				
QIZ		comp-Z,640nm,6.9s				
QIZ		comp-Z,280nm,8.4s				
QIZ		comp-Z,400nm,8.2s				
QIZ		comp-Z,430nm,9.3s				
QIZ	Qiongzong	16.45 247	P	Pn	13 15 28.7 -1.5	
XAN	Xi'an	16.56 302	P	P	13 15 32.5 +0.7	
XAN			S	S	13 18 37.1 -0.5	
XAN			PcP	PcP	13 20 17.9 +3.4	
XAN			Pmax	Pmax		
XAN		comp-Z,71nm,1.4s				
XAN		comp-Z,2µm,6.7s				
XAN		comp-Z,1µm,5.9s				
XAN		comp-Z,790nm,5.5s				
XAN		comp-Z,1µm,5.5s				
XAN	Xi'an	16.56 302	P	Pn	13 15 31.3 -0.2	
XAN			Pmax	Pmax		
XAN	Xi'an	16.56 302	P	Pn	13 15 31.3 -0.2	
XAN			IAMB	IAMB	13 15 37.1	
MSHR	Mys Shuitsa	16.83 141	eP	Pn	13 15 35.7 +1.1	
GYA	Guiyang	17.21 275	eP	Pn	13 16 12.4 -3.6	
GYA			S	S	13 16 19.3 +1.6	
GYA			S	S	13 18 50.2 -1.6	
GYA			Pmax	Pmax		
GYA		comp-Z,34nm,1.0s				
GYA		comp-Z,300nm,3.5s				
GYA		comp-Z,750nm,4.4s				
GYA		comp-Z,510nm,4.7s				
GYA		comp-Z,500nm,6.6s				
GN2	Changchun	17.48 359	eP	Pn	13 15 42.7 +0.2	
GN2			S	S	13 16 19.6 -0.9	
GN2			eS	eS	13 18 51.7 -5.5	
GN2			Pmax	Pmax		
GN2		comp-Z,210nm,1.2s				
VLA	Vladivostok	17.50 150eP	P	Pn	13 15 45.3 +2.6	
VLA			Pmax	Pmax		
VLA		comp-Z,89nm,1.9s				
MDJ	Mudanjiang	18.54 8	P	P	13 15 54.0 +0.6	
MDJ			P	P	13 16 12.4 -3.6	
MDJ			S	S	13 16 30.2 -1.7	
MDJ			ScS	ScS	13 19 21.9 -1.1	
MDJ			Pmax	Pmax	13 27 23.3 +1.0	
MDJ		comp-Z,22nm,0.9s				
MDJ		comp-Z,540nm,8.8s				
MDJ	Mudanjiang	18.54 8	P	P	13 15 53.0 -0.4	
MDJ			P	P	13 16 17.7 +1.7	
MDJ			IAMB	IAMB	13 16 25.9	
MDJ		comp-Z,162nm,1.3s				
USA0B	Ussuriysk Arra	18.55 14	P	P	13 15 53.9 +0.4	
USA0B			Pmax	Pmax		
USA0B		comp-Z,282nm,1.5s				
USA0B	Ussuriysk Arr	18.55 14	P	P	13 15 53.9 +0.4	
USA0B			P	P	13 16 17.9 +2.0	
USA0B			IAMB	IAMB	13 16 24.5	
USA0B		comp-Z,282nm,1.4s				
USRK	Ussuriysk Ar	18.55 14	P	P	13 15 53.6 +0.1	
USRK			P	P	13 16 19.5 +3.6	
USRK			P	P	13 15 57.5 -0.3	
HHC	Hu-ho-hao-te	18.76 324	eP	Pn	13 16 36.3 +1.6	
HHC			S	S	13 19 22.8 +0.1	
HHC			Pmax	Pmax		
HHC		comp-Z,91nm,1.0s				
HHC		comp-Z,2µm,3.9s				
DAV	Davao City (W)	19.11 181	P	Pn	13 16 00.9 -1.1	
DAV			P	P	13 16 05.2 -0.4	
BTO	Batou	19.42 321	eP	S	13 19 35.8 -0.1	
BTO			Pmax	Pmax		
BTO		comp-Z,1497µm,2.6s				
BTO		comp-Z,1224µm,10.0s				
BTO		comp-Z,1063µm,9.5s				
CD2	Chengdu	19.95 288	P	P	13 16 07.7 -1.1	
CD2			P	P	13 16 34.2 +2.4	
CD2			S	S	13 19 42.5 -3.9	
CD2		comp-Z,130nm,0.9s				
CD2		comp-Z,480nm,8.9s				
CD2		comp-Z,2µm,5.8s				
CD2		comp-Z,2µm,6.5s				
CD2		comp-Z,1µm,7.2s				
SLVN	Son La	20.68 261	P	P	13 16 17.1 +0.3	
KMI	Kunming	20.87 272	P	P	13 16 20.3 +1.3	
KMI			P	P	13 16 49.6 +4.4	
KMI			S	S	13 20 02.4 -2.6	
KMI		comp-Z,23nm,1.1s				
KMI		comp-Z,350nm,9.0s				
KMI		comp-Z,510nm,7.4s				

ERM	ERM	Ermo	21.17 38	eP	P	13 16 20.3 -1.5
ERM		comp-Z,530nm,8.3s				
ERM		comp-Z,78nm,1.9s				
LZH	Lanzhou	21.19 303	P	P	13 16 23.0 +0.8	
LZH			P	P	13 16 48.4 -0.8	
LZH			S	S	13 20 09.5 -1.2	
LZH			ScS	ScS	13 20 45.5 +0.4	
LZH			Pmax	Pmax		
LZH		comp-Z,140nm,1.1s				
LZH		comp-Z,690nm,5.4s				
LZH		comp-Z,960nm,11.5s				
LZH		comp-Z,500nm,11.9s				
DLV	T Lat	21.71 232	P	P	13 16 27.0 -1.1	
DLV			IAMB	IAMB	13 16 30.5	
GUMO	Guam	21.84 122	P	P	13 16 30.8 +1.7	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P	13 16 55.6 +1.3	
GUMO			P	P	13 16 32.8 +0.5	
GUMO			P	P	13 16 36.1	
GUMO			P	P	13 16 30.2 +1.1	
GUMO			P	P		

11d 13h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOX, BLY, DRME, MOA, etc.

2014 JUL

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like L04D, E09A, YBH, etc.

530

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PFO, PFO, PFO, etc.

MAN 11 13:23:00.0, 13:26N-120:57E, h85km, mb4.2, ML3.0, MS12.7, 1C-10, Mindoro

KRNET 11 13:37:52.5:0.1, 41:49N-69:97E, mb2.7, ISC 11 13:37:53.9:0.0, 41:44N-0:33:70.1E:0.3, h10km, n4, e0932/6, 6C-2D, Kyrgystan

NEIC 11 13:38:30.2:0.9, 47:61N-0:03:92.74W:0.0'0.3, h0km, 2km, mb_Lg2/3, Error ellipse: s-maj=6.3km s-min=3.0km az=330.0, IDC 11 13:38:33.0:1.3, 47:45N-92:92W, h0km, mb1.2 6/1, mb1mx2.6/54, mbimp2.6/1, ML1.0/1, Error ellipse: s-maj=77.7km s-min=29.3km az=57.0, ISC 11 13:38:29.8:1.1, 47:57N-0:04:92.79W:0.04, h0km, n12, r1922/13, Minnesota

Table with 5 columns: JNW, Jan Mayen West, 9.34 201, eP, Pn, 15 04 26.7 +3.3

VIE 11 15:54:23.6,0.5,51.44N;16.07E,h0km,mb2.2/4,ml2.6/5, Error ellipse: s-maj=3.3km s-min=2.5km az=144.0 76 km

IDC 11 15:54:25.3;1.2,51.39N;16.13E,h0km,mb1.3/4/3, mb1mx3.2/28,mbtmp3.3/3,ML2.7/3, Error ellipse: s-maj=3.1,1km s-min=1.0,7km az=17.0

PRU 11 15:54:25.6,0.0,51.43N;16.05E,h0km, Error ellipse: s-maj=3.0,0.9,51.53N;0.04,16.10E;0.03,h0km,n28, e0.90/53,Poland

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP, KSP, KSP, CHVC, CHVC, CHVC, OSTAS, OSTAS, OSTAS, etc.

IDC 11 15:57:51.6;9.9,18.19S;173.04W,h0km,mb4.6/4, mb1.4/7.4,mb1mx3.9/31,mbtmp4.6/4,ML4.0/1, Error ellipse: s-maj=176.6km s-min=140.5km az=64.0

NEIC 11 15:57:43.4;0.6,18.0S;0.7-17.14W;0.3,h23km,10km, mb4.6/3, Error ellipse: s-maj=111.6km s-min=35.3km az=163.0,Tonga Islands region

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

IDC 11 16:08:04.6;2.5,22.63N;12.04W,h0km,mb3.6/1, mb1.4/2.3,mb1mx3.4/35,mbtmp3.8/3,ML3.6/2, Error ellipse: s-maj=74.7km s-min=34.6km az=76.0, Mauritania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I11CV, I11CV, I11CV, TORD, TORD, TORD, etc.

ISC 11 16:12:07.1;1.1,0.51N;0.08;125.55E;0.05,h73km,n11, e0.86/13,mb4.0/3,Northern Molucca Sea

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

MAN 11 16:14:42.9,5.41N;127.20E,h33km,mb4.3,ML3.1,MS2.8, Philippine Islands region

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

NEIC 11 16:15:32.7;2.8,17.64S;0.03;167.4E;0.2,h10km;2km, mb2.0/5, Error ellipse: s-maj=39.0km s-min=3.7km az=63.0

IDC 11 16:15:35.5;14.0,17.89S;167.06E,h0km,mb3.9/3, mb1.4/0.4,mb1mx3.7/30,mbtmp3.8/4,ML3.1/1, Error ellipse: s-maj=3.8km s-min=3.8km az=68.0

ISC 11 16:15:33.3;2.4,17.66S;0.07;167.4E;0.4,h91km,n10, e1.70/10,mb4.2/5,Vanuatu Islands

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

BUI 11 16:34:35.4;0.0,14.69S;176.71W,h363km,mb4.9/25, mb4.7/39

NEIC 11 16:34:37.9;1.4,15.11S;0.09;177.14W;0.09, h373km;4km,mb4.9/93, Error ellipse: s-maj=14.6km s-min=1.4km az=145.0

BGR 11 16:34:37.3;0.0,15.46S;177.70W,h360km, Error ellipse: s-maj=1.5,1.5;0.05S;177.31W,h391km;15km, mb4.4/28,mb1.4/5/29,mb1mx4.5/32,mbtmp5.1/29, Error ellipse: s-maj=11.0km s-min=8.3km az=146.0

GCMT 11 16:34:41.9;0.3,15.14S;0.05;177.18W;0.03, h380km;2km,MW5.1/67,Moment Tensor Solution. s=7,c86; Duration: 0 Moment tensor: Scale 10^16Nm; M=1.07e+40; M=1.49e+64; M=6.62e+46; M=1.41e+50; M=6.47100e+1016 NP1;351.000000;837.000000; 7.115.000000; NP2;201.000000;857.000000; 7.72.000000; Principal axes: T 7.1350, P1g10.0000; Az=273.0000; N 1.3293, P1g15.0000; Az=111.0000; P 5.8070, P1g2.0000; Az=158.0000; nsta1 refers to body waves, cutoff=0s. Triangular moment-rate function

ISC 11 16:34:38.4;0.5,15.13S;0.06;177.16W;0.05, h375km;4km,h376km;P-P,0.469,et16/453,mb4.8/81, 25C-8D,Fiji Islands region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF, MSVF, MSVF, AFI, AFI, AFI, FUNA, FUNA, FUNA, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COEN, COEN, COEN, TOO, TOO, TOO, etc.

TIN	Tinemaha, Big	75.94	45	P	P	16 45 46.3 +1.1
BELC	Belle Mtn. Jos	75.97	49	P	P	16 45 46.2 +0.7
GSC	Goldense, Bar	76.03	47	P	P	16 45 46.4 +0.7
PNTR	Pine Nut	76.10	43	P	P	16 45 46.3 +0.1
HEC	Hector Ludlow	76.13	48	P	P	16 45 46.6 +0.3
L04D	Klamath Falls	76.16	39	P	P	16 45 47.1 +0.7
SLBS	Sierra La Lagu	76.16	61	P	I	16 45 47.2 +0.5
M04C	Macdoel	76.19	39	P	P	16 45 47.4 +0.9
BC3	Big Chuckawall	76.19	49	P	P	16 45 47.7 +1.0
GLA	Glamis	76.37	50	P	P	16 45 48.9 +1.3
I02D	Swisshome	76.37	36	P	P	16 45 48.2 +0.9
I03D	Drain, OR	76.41	37	P	P	16 45 48.2 +0.7
GRAC	Grapevine Rang	76.50	45	P	P	16 45 49.3 +1.0
FURC	Furnace Creek	76.58	46	P	P	16 45 49.3 +0.7
GMRC	Granite Mounta	76.59	48	P	P	16 45 49.4 +0.5
NVAR	Mina Array Bea	76.61	44	P	P	16 45 49.7 +0.7
NVAR	Mina Array Bea	76.61	44	P	P	16 45 49.7 +0.7
MDJ	Mudanjiang	76.64	324	P	P	16 45 49.3 +0.6
MDJ	comp=Z,11nm,1.1s			pmax	pmax	
SHOC	Shoshone, Teco	76.70	47	P	P	16 45 50.0 +0.6
NV11	Mina Array Sit	76.71	44	P	P	16 45 48.6 -0.9
TUQ	Turquoise Mtns	76.72	47	P	P	16 45 50.1 +0.5
K04D	Chioquin, OR	76.73	39	P	P	16 45 50.4 +0.9
J04D	Umpqua Nationa	76.87	38	P	P	16 45 51.2 +0.8
Y12C	Blythe	76.92	49	P	P	16 45 51.4 +1.1
I04A	Tendick Farm,	77.02	37	P	P	16 45 51.3 +0.4
KVN	Kaiserville	77.07	43	P	P	16 45 51.3 -0.2
NJ2	Nanjing	77.13	308	eP	pmax	16 45 52.4 +0.7
MOD	Modoc Plateau	77.20	40	P	I	16 45 52.5 +0.4
TPNV	Topopah Spring	77.24	46	P	P	16 45 53.3 +0.8
TPNV	Topopah Spring	77.24	46	P	P	16 45 52.1 -0.4
H04D	Lebanon	77.26	37	P	P	16 45 53.3 +1.1
K05A	Sumner Lake	77.31	39	P	P	16 45 53.5 +0.8
G03D	McMinnville, O	77.36	37	P	P	16 45 53.7 +1.0
214A	Organ Pipe Nat	77.37	52	P	P	16 45 54.3 +1.2
J05D	Fort Rock, OR	77.42	38	P	P	16 45 54.4 +1.1
PDMCI	Parker Dam,Lak	77.46	49	P	P	16 45 54.5 +1.0
SHPR	Sheep Range	77.78	47	P	P	16 45 54.7 -0.7
PINE	Pine Mountain	77.88	38	P	P	16 45 56.6 +0.8
SVW2	Sparrevohn	77.91	11	I	I	16 45 54.7 -0.7
I05D	Terrebonne, OR	77.96	37	P	P	16 45 56.9 +0.7
F04D	Rainier, OR	78.03	35	P	P	16 45 57.2 +0.9
R11A	Troy Canyon, C	78.40	45	P	P	16 45 59.4 +0.6
R11A	Troy Canyon, C	78.40	45	I	I	16 46 00.6
G05D	Wamic, OR	78.50	37	P	P	16 45 59.7 +0.7
E04D	Cinebar	78.56	35	P	P	16 46 00.4 +1.2
CN2	Changchun	78.58	322	eP	pmax	16 45 59.6 +0.2
SPU	Mount Spurr	78.65	12	P	P	16 46 00.4 +0.9
F05D	White Salmon	78.79	36	P	P	16 46 00.9 +0.4
D04E	Lakebay	78.82	34	P	P	16 46 02.0 +1.4
I03D	Eldon	78.86	34	P	P	16 46 01.7 +0.9
007A	Izeze	78.90	38	I	I	16 46 03.3
TUC	Tucson	79.07	52	P	P	16 46 03.8 +1.4
BBB	Bella Bella	79.32	28	P	P	16 46 02.9 -0.2
A04D	Lummi Island	79.78	33	P	P	16 46 06.5 +0.8
ELK	Elko	79.83	43	I	I	16 46 07.6
B05A	Bryant	79.84	34	P	P	16 46 06.5 +0.5
WU4Z	Wupatki	80.04	49	P	P	16 46 08.4 +0.8
BMO	Blue Mountains	80.64	39	I	I	16 46 11.4
W18A	Petrifia Fore	81.07	50	P	P	16 46 13.8 +0.8
DUG	Dugway, Tooele	81.17	44	P	P	16 46 14.1 +0.6
F10A	Beach Ranch, E	81.29	38	I	I	16 46 15.1
121A	Cookes Peak, D	81.46	53	P	P	16 46 16.6 +1.5
HL1D	Hailey	81.76	41	P	P	16 46 17.4 +0.9
HL1D	Hailey	81.76	41	I	I	16 46 18.6
NEA2	Nenana	82.33	12	P	P	16 46 17.4 -1.3
WRH	Wood River Hill	82.42	12	I	I	16 46 21.6
NEW	Newport	82.58	36	P	P	16 46 20.1 -0.2
DOT	Dot Lake	82.60	14	I	I	16 46 20.9
HDA	Harding Lake	82.60	13	P	P	16 46 19.4 -0.7
HDA	Harding Lake	82.60	13	I	I	16 46 20.6
Y22D	IRIS PASCAL I	82.75	52	P	P	16 46 23.3 +1.6
WHY	Whitehorse	82.76	20	P	P	16 46 20.3 -0.7
TCOL	CIGO, UAF Yank	82.82	12	P	P	16 46 20.3 -0.8
MVCO	Mesa Verde	82.86	49	P	P	16 46 22.8 +0.5
ILAR	Eielson Array	82.93	13	P	P	16 46 21.1 -0.6
ILAR	Eielson Array	82.93	13	P	P	16 46 21.1 -0.6
INTX	Cornudas Mount	83.01	55	P	P	16 46 23.9 +1.0
POKR	Poker Plat Res	83.12	12	P	P	16 46 21.7 -1.0
MCMT	McKenzie Canyo	83.36	40	P	P	16 46 24.3 -0.4
ANMO	Albuquerque	83.41	54	P	P	16 46 25.9 +0.6

TXAR	Lajitas Array	83.51	57	P	P	16 46 27.1 +1.5
TXAR	Lajitas Array	83.51	57	P	P	16 46 27.1 +1.5
MSO	Missoula	83.68	38	P	P	16 46 25.6 -0.4
BILL	Bilibino	83.81	354	P	I	16 46 25.8 -0.3
FXWY	Fox Creek	83.96	42	I	I	16 46 30.6
DAWY	Dawson	84.11	16	I	I	16 46 28.9
O20A	White River Ci	84.28	46	P	P	16 46 29.8 +0.5
S22A	4UR Ranch, Cre	84.29	49	P	P	16 46 30.6 +1.0
COLD	Coldfoot	84.48	10	P	P	16 46 29.9 +0.4
BOZ	Bozeman (Wm)	84.49	40	P	P	16 46 31.0
BW06	Boulder Array	84.53	43	P	P	16 46 30.7 +0.2
BW06	Boulder Array	84.53	43	I	I	16 46 31.3
PD31	Pinedale Array	84.53	43	I	I	16 46 31.3
PDAR	Pinedale Array	84.53	43	P	P	16 46 30.5 0.0
PDAR	comp=Z,0.1nm,0.5s,baz=230,slow=3.7,SNR=60			pP	pP	16 49 46.4 -6.0
PDAR	Pinedale Array	84.53	43	P	P	16 46 30.5 0.0
GYA	Guyang	84.72	299	eP	pmax	16 46 32.0 +0.3
BELA	Belgrano 2	84.75	173	P	P	16 46 31.0 +0.2
SDCO	Great Sand Dun	85.26	49	P	P	16 46 34.7 +0.4
XAN	Xi'an	85.55	307	P	pmax	16 46 35.6 +0.1
RLMT	Red Lodge	85.75	41	P	P	16 46 37.4 +0.9
T25A	Trinidad	85.82	50	P	P	16 46 37.0 +0.1
TOLK	Toolk Lake Re	85.86	10	P	P	16 46 37.4 +1.1
PMSA	Palmer Station	85.87	157	P	P	16 46 37.7 +1.3
PMSA	Palmer Station	85.87	157	P	P	16 46 38.2 +1.7
MSTX	Muleshoe	85.89	53	P	P	16 46 37.3 0.0
MSTX	Muleshoe	85.89	53	I	I	16 46 37.9
ISCO	Idaho Springs	85.98	47	P	P	16 46 38.3 +0.4
Q24A	Divide	85.99	48	P	P	16 46 38.2 +0.3
N23A	Red Feather L	86.19	46	P	P	16 46 39.2 +0.5
HHC	Hu-ho-hao-te	86.20	314	eP	S	16 46 39.3 +0.7
HHC	comp=Z,18nm,1.3s			pmax	pmax	16 56 49.4 +8.1
K22A	KASA Array	86.50	44	P	P	16 46 40.3 +0.2
833A	Chaparral WMA,	86.68	60	P	P	16 46 41.7 +0.7
EGMT	Egleton	86.75	38	P	P	16 46 41.1 +0.1
MAW	Mawson	86.86	199	P	P	16 46 41.7 +0.6
MAW	Mawson	86.86	199	P	P	16 46 41.7 +0.6
KMI	Kumming	87.65	297	eP	pmax	16 46 47.6 +1.6
ABTX	Abilene, Hawle	87.89	56	P	P	16 46 46.8 +0.2
LAO	LASA Array	88.34	41	P	P	16 46 49.7 +1.2
RSSD	Black Hills	88.75	44	P	P	16 46 50.7 0.0
RSSD	Black Hills	88.75	44	P	I	16 46 50.6 0.0
CMAR	Chiang Mai Arr	89.09	289	P	P	16 46 53.4 +0.8
CMAR	Chiang Mai Arr	89.09	289	P	P	16 46 53.4 +0.8
YKA	Yellowknife Ar	91.31	24	P	P	16 47 01.8 -0.1
YKA	Yellowknife Ar	91.31	24	P	P	16 47 01.8 -0.1
TUL1	Leonard	91.94	53	P	P	16 47 05.4 0.0
C36M	Pautuk	92.11	16	P	P	16 47 04.5 -0.9
S0NM	Songino Array	92.25	319	P	P	16 47 06.0 -0.7
KSUI	Kansas State U	92.27	50	P	P	16 47 07.5 +0.6
SUSD	Miller	92.27	45	P	P	16 47 06.1 -0.6
PLCA	Paseo Flores	92.36	133	P	P	16 47 09.2 +1.7
MDDO	Maddock	92.96	41	P	P	16 47 09.9 0.0
MIAR	Mount Ida	93.29	55	P	P	16 47 12.0 +0.3
W39A	Magazine	93.31	55	P	P	16 47 12.1 +0.4
SNA4	Sanae	93.32	178	P	P	16 47 10.8 -0.5
SNA4	Sanae	93.32	178	P	P	16 47 10.8 -0.5
SNA4	Sanae	93.32	178	P	I	16 47 10.7 -0.5
VNA3	Neumayer Olym	93.41	176	P	P	16 47 11.6 0.0
A36M	Sachs Harbour	93.51	14	P	P	16 47 11.3 -0.4
ECSD	EROS Data Cent	93.66	46	P	P	16 47 12.7 -0.5
VNA2	Neumayer-Watz	93.87	177	P	P	16 47 13.8 +0.1
VNA1	Neumayer-Stat	94.09	176	P	P	16 47 14.9 +0.3
GTA	Gotai	94.19	310	eP	pmax	16 47 15.1 -0.8
U40A	Yellville	94.35	54	P	P	16 47 16.4 -0.1
W41B	Gary Mavity, V	94.51	55	P	P	16 47 17.2 0.0
SCIA	State Center	95.55	48	P	P	16 47 22.0 +0.2
CCM	Cathedral Cave	96.03	52	P	P	16 47 23.7 -0.4
OCX	Oxford	96.61	56	P	P	16 47 26.9 +0.2
SPMN	Marine on St.	96.69	45	P	P	16 47 26.5 -0.3
JFWS	Jewell Farm	97.92	48	P	P	16 47 32.0 -0.4
Q57A	Strasbourg	106.09	53	P	PKIKP	16 52 19.2 +0.5
R58A	Rapidan	106.33	54	P	PKIKP	16 52 18.2 -1.0
P57A	Homestead Farm	106.45	53	P	PKIKP	16 52 20.5 +1.1
ZALV	Zalesovo Beam	106.79	322	PKIKP	PKIKP	16 52 18.5 -1.0
D52A	ZEK Kipawa Sen	106.84	45	P	PKIKP	16 52 20.8 +0.9
V61A	Roper	107.18	57	P	PKIKP	16 52 21.6 +0.8
Q59A	Harwood	107.44	54	P	PKIKP	16 52 22.0 +0.8

baz=264						
MKAR	Makanochi Array	108.06	315	PKIKP	PKIKP	16 52 21.1 -1.1
M59A	Waymart	108.59	51	P	PKIKP	16 52 23.3 0.0
M60A	Port Jervis	109.18	51	P	PKIKP	16 52 25.2 +0.8
J59A	Piesco	109.39	49	P	PKIKP	16 52 25.4 +0.6
E57A	Chemin Saint G	109.75	46	P	PKIKP	16 52 24.9 -0.4
HRV	Adam Dzewonski	111.52	50	P	PKIKP	16 52 29.2 +0.4
F61A	St Svariste	111.93	46	P	PKIKP	16 52 29.6 +0.2
D62A	Allapont, All	113.24	45	P	PKIKP	16 52 32.0 +0.1
F63A	Nahmaka, Br	113.26	46	P	PKIKP	16 52 32.4 +0.4
ARCES	ARCCESS Array B	123.80	351	PKP	PKPdf	16 52 50.8 -0.8
ARCES	comp=Z,2.1nm,0.9s,baz=197,slow=3.9,SNR=8.8			PKP	PKP	17 02 39.4 -0.3
ARCES	ARCCESS Array B	123.80	351	PKP	PKPdf	16 52 50.8 -0.8
GEYT	Alibek	126.42	306	PKP	PKPdf	16 52 57.5 -0.2
GEYT	Alibek	126.42	306	PKP	PKPdf	16 52 57.5 -0.2
KLMR	Klimovskoe	127.26	338	ePKP	AMP	16 52 55.7 -2.7
FINES	FINESS Array B	130.84	345	PKP	PKPdf	16 53 04.5 -0.6
FINES	FINESS Array B	130.84	345	PKP	PKPdf	16 53 04.5 -0.6
BOSA	Boshof	131.40	207	PKP	PKPdf	16 53 07.2 -0.3
NB2	NORSAR Subarr3	132.75	354	PKP	PKPdf	16 53 10.6 -0.2
NOA	NORSAR Array B	133.76	354	PKP	PKPdf	16 53 10.4 -0.4
AKH	Akhalkalaki	136.22	315	eP	PKPdf	16 53 16.9 +0.7
AKASO						

11d 17h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HERR Herculan, MOA Molin, STU Stuttgart, etc.

11d 17h: 15.5:6.0, 36.24N:71.45E, h158km, 45km, mb3.2/4, mb1.3/1.6, mb1mx2.9/3.9, mbtmp3.6/6, MS3.1/2, Ms1.3/2, km1mx2.5/1.8, Error ellipse: s-maj=73.9km s-min=26.3km az=149.0

11d 17h: 16.35:24.2:1.7, 37.28N:71.22E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=13.6km s-min=10.1km az=161.0

11d 17h: 18.1:0.8, 36.59N:0.07:71.28E, h150km, n28, r185/29, mb3.5/3.5, 5C-2D, Afghanistan-Tajikistan border region

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

2014 JUL

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, USP Osenovka, TKM2 Tokmak 2, etc.

JMA 11 17:04:13.0:1.0, 24.16N:122.84E, h51km, 3km, M2.3 TAP 11 17:04:13.5:24.11N:122.81E, h31km, ML2.7, C ISC 11 17:04:12.7:1.1, 24.08N:10.04:122.84E, h30km, 11km, n80, r19/18/14, 3D, Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FULB, CHKT Chengkung, CHKT, WHP Taichung City, etc.

IDC 11 17:10:19.3:2.9, 33.88S:73.00W, h0km, mb3.4/2, mb1.3/7.6, mb1mx3.6/31, mbtmp3.6/6, ML3.7/4, MS2.8/5, Ms1.2.8/5, ms1mx2.7/20, Error ellipse: s-maj=59.0km s-min=30.6km az=105.0 GUC 11 17:10:27.2:0.5, 33.83S:71.91W, h42km, 5km, ML3.5 ISC 11 17:10:25.0:1.2, 33.87S:0.05:71.97W, h19km, n29, r11/11/25, 3C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BO01 Tunca, MT02 Curacav, RCDM Rinconada Maip, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PFO, Pnyon Flats, Sheep Range, MSU, etc.

OMAN 11 17:36:18.9, 9.4, 26.98N, 55.94E, h2km, ml3, 1/15, Error ellipse: s-maj=101.8km s-min=31.5km az=129.0

DSN 11 17:36:18.1, 1.1, 27.01N, 56.05E, h10km, ML3.5/8, Error ellipse: s-maj=25.3km s-min=6.1km az=73.0

TEH 11 17:36:20.2, 26.32N, 55.80E, h13km, ML3.2

ISC 11 17:36:18.9, 1.4, 26.94N, 0.03, 55.95E, 0.05, h3km, ml3, km, n44, e1509/53, Southern Iran

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GENO, SHME, BANOM, etc.

MAN 11 17:49:18.3, 13.49N, 120.16E, h1km, mb4.1, ML2.9, MS2.6, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LUBP, PGP, SJMP, etc.

TAP 11 17:50:32.8, 24.07N, 121.63E, h10km, ML2.1, 1C-5D, C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWD, HWA, NACB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ENA, CHGB, NNSB, etc.

TAP 11 17:50:35.2, 24.07N, 121.61E, h8km, ML2.2, C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWD, HWA, NACB, etc.

MAN 11 17:56:41.0, 13.93N, 119.27E, h57km, mb3.9, ML2.7, MS2.3, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LUBP, WHF, ENA, etc.

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

NEIC 11 18:36:12.8, 3.4, 15.66N, 0.07, 93.08W, 0.06, h122km, 5km, Error ellipse: s-maj=10.6km s-min=6.7km az=208.0

IDC 11 18:36:12.7, 1.8, 15.75N, 92.88W, h119km, 17km, mb3.6/7, m1 4.0/1.0, m1mx2, 3.5/2.2, mbtmp4, 1/10, MS2.5/1, m1 2.5/1, m1mx2, 1/32, Error ellipse: s-maj=20.9km s-min=14.0km az=51.0

MEX 11 18:36:13.5, 0.8, 15.62N, 93.08W, h119km, 6km, MD4.4

GCG 11 18:36:15.0, 0.8, 15.89N, 92.62W, h146km, 37km, MD4.5

SNET 11 18:36:21.3, 2.2, 15.62N, 92.15W, h140km, 15km, ML3.4

UCR 11 18:36:21.3, 2.2, 15.62N, 92.16W, h139km, 15km, ML3.4, mb4.3(NEIC)

ISC 11 18:36:13.1, 0.5, 15.71N, 0.04, 93.04W, 0.03, h121km, 4km, n136, e1973/168, mb4.2/23, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCIG, CCIG, CMIG, etc.

TOLK	comp-Z,218nm,0.9s	IAMB	IAMB	19 31 04.4
TOLK	comp-Z,58um,18.0s	IAMS_20	IAMS_20	19 52 46.3
NEA2	comp-Z,270,SNR=156	S	P	19 30 39.7 +0.3
NEA2	baz=270	S	S	19 37 40.4 +2.8
PMR	comp-Z,392nm,1.2s	P	P	19 30 39.6 +0.1
PMR	comp-Z,392nm,1.2s	Pmax	Pmax	
PMR	comp-Z,20um,21.0s	MLR	MLR	
PMR	comp-Z,20um,21.0s	P	P	19 30 39.6 +0.1
PMR	comp-Z,392nm,1.2s	IAMB	IAMB	19 30 48.2
MCK	comp-Z,167nm,0.9s	P	P	19 30 40.2 +0.4
MCK	comp-Z,37um,19.0s	Pmax	Pmax	
MCK	comp-Z,167nm,0.9s	MLR	MLR	
EYAK	comp-Z,241nm,1.0s	P	P	19 30 40.2 +0.4
MCK	comp-Z,167nm,0.9s	IAMB	IAMB	19 30 44.9
RND	comp-Z,286nm,1.0s	P	P	19 30 40.1 -0.1
RND	comp-Z,39um,18.0s	Pmax	Pmax	
RND	comp-Z,286nm,1.0s	MLR	MLR	
RND	comp-Z,39um,18.0s	P	P	19 30 40.1 -0.1
RND	comp-Z,286nm,1.0s	IAMB	IAMB	19 30 45.0
GHO	comp-Z,286nm,1.0s	P	P	19 30 40.2 -0.2
SATY	comp-Z,4um,6.4s, baz=298	P	P	19 30 41.4 +0.4
SATY	comp-Z,4um,6.4s, baz=298	eS	S	19 37 41.3 +0.7
SATY	comp-Z,39um,14.5s, baz=298	LR	LR	19 51 15.6
SATY	comp-Z,39um,14.5s, baz=298	P	P	19 37 41.4 +0.4
SATY	comp-Z,39um,14.5s, baz=298	eS	S	19 37 41.3 +0.7
PKI	comp-Z,39um,15.0s	P	P	19 30 43.0 +0.3
PKI	comp-Z,426nm,0.9s	eP	P	19 30 43.0 +0.3
PRZ	comp-Z,480nm,1.0s	P	P	19 30 42.4 0.0
PRZ	comp-Z,480nm,1.0s	Pmax	Pmax	
PRZ	comp-Z,181um,18.0s	MLR	MLR	
PRZ	comp-Z,181um,18.0s	P	P	19 30 42.4 0.0
KNK	comp-Z,241nm,1.0s	P	P	19 30 42.9 +1.3
KNK	comp-Z,241nm,1.0s	IAMB	IAMB	19 30 42.9 +1.3
KNK	comp-Z,241nm,1.0s	P	P	19 30 42.9 +1.3
KNK	comp-Z,241nm,1.0s	IAMB	IAMB	19 30 42.9 +1.3
SML	comp-Z,270nm,1.0s	P	P	19 30 42.7 +0.3
WRH	comp-Z,270nm,1.0s	P	P	19 30 42.6 0.0
WRH	comp-Z,270nm,1.0s	IAMB	IAMB	19 32 16.2
COLA	comp-Z,270nm,1.0s	P	P	19 30 43.9 +0.6
COLA	comp-Z,270nm,1.0s	S	S	19 37 47.8 +3.0
COLA	comp-Z,270nm,1.0s	S	S	19 37 47.8 +3.0
COLA	comp-Z,270nm,1.0s	Pmax	Pmax	19 30 43.6 +0.3
COLA	comp-Z,186nm,0.9s	MLR	MLR	
COLA	comp-Z,23um,18.0s	P	P	19 30 43.6 +0.3
COLA	comp-Z,23um,18.0s	IAMB	IAMB	19 30 56.6
DMN	comp-Z,193nm,0.8s	P	P	19 30 44.8 +0.5
CCB	comp-Z,193nm,0.8s	P	P	19 30 43.5 0.0
POKR	comp-Z,193nm,0.8s	P	P	19 30 45.4 +0.7
POKR	comp-Z,193nm,0.8s	S	S	19 37 50.9 +3.5
GKN	comp-Z,270nm,1.0s	eP	P	19 30 46.0 +0.3
DHY	comp-Z,270nm,1.0s	P	P	19 30 45.1 -0.4
HDA	comp-Z,270nm,1.0s	P	P	19 30 45.9 -0.4
HDA	comp-Z,270nm,1.0s	S	S	19 37 50.4 -0.1
HDA	comp-Z,270nm,1.0s	S	S	19 37 50.4 -0.1
HDA	comp-Z,270nm,1.0s	P	P	19 30 46.0 -0.4
HDA	comp-Z,270nm,1.0s	IAMB	IAMB	19 30 58.1
IL31	comp-Z,364nm,1.1s	P	P	19 30 46.0 -0.5
IL31	comp-Z,364nm,1.1s	IAMB	IAMB	19 30 55.3
ILAR	comp-Z,140nm,0.8s, baz=265, slow=5.8, SNR=285	P	P	19 30 46.3 -0.3
ILAR	comp-Z,24um,20.8s, slow=36	LR	LR	19 51 49.1
ILAR	comp-Z,24um,20.8s, slow=36	PKKP	PKKP	19 53 21.9 0.0
ILAR	comp-Z,24um,20.8s, slow=36	PKKP	PKKP	19 53 21.9 0.0
ILAR	comp-Z,24um,20.8s, slow=36	PKKP	PKKP	19 53 21.9 0.0
HNR	comp-Z,1.5nm,0.9s, baz=53, slow=0.7, SNR=5.0	P	P	20 01 43.5 -1.1
HNR	comp-Z,53um,21.0s, baz=328, slow=33	P	P	19 30 46.3 -0.8
HNR	comp-Z,53um,21.0s, baz=328, slow=33	Pmax	Pmax	
HNR	comp-Z,889nm,1.1s	MLR	MLR	
HNR	comp-Z,70um,18.0s	P	P	19 30 46.3 -0.8
HNR	comp-Z,70um,18.0s	IAMS_20	IAMS_20	19 51 32.7
GLI	comp-Z,70um,18.0s	P	P	19 30 47.5 0.0
GLI	comp-Z,70um,18.0s	IAMB	IAMB	19 30 56.4
MDOK	comp-Z,573nm,1.6s	P	P	19 30 48.6 +0.4
MDOK	comp-Z,21um,9.0s, baz=298	S	S	19 37 54.0 +0.2
MDOK	comp-Z,21um,9.0s, baz=298	LR	LR	19 51 52.5
MDOK	comp-Z,159um,17.1s, baz=298	P	P	19 30 48.6 +0.4
MDOK	comp-Z,159um,17.1s, baz=298	S	S	19 37 53.9 +0.2
MDOK	comp-Z,159um,17.1s, baz=298	MLR	MLR	
AAA	comp-Z,159um,17.0s	P	P	19 30 49.8 +1.0
AAA	comp-Z,13um,7.6s, baz=299	eS	S	19 37 56.1 +1.4
AAA	comp-Z,159um,17.0s	LR	LR	19 51 60.0
AAA	comp-Z,162um,18.8s, baz=299	P	P	19 30 49.7 +1.0
AAA	comp-Z,162um,18.8s, baz=299	eS	S	19 37 56.0 +1.4
AAA	comp-Z,162um,18.8s, baz=299	MLR	MLR	
TNSS	comp-Z,162um,18.8s, baz=299	P	P	19 30 50.0 +0.6
TNSS	comp-Z,162um,18.8s, baz=299	P	P	19 30 49.9 +0.6
TNSS	comp-Z,162um,18.8s, baz=299	P	P	19 30 50.7 +0.6
TNSS	comp-Z,162um,18.8s, baz=299	P	P	19 30 50.2 +0.4
TNSS	comp-Z,162um,18.8s, baz=299	IAMB	IAMB	19 30 59.0
KULM	comp-Z,634nm,1.4s	P	P	19 30 50.2 -0.1
KULM	comp-Z,634nm,1.4s	IAMB	IAMB	19 30 56.9
KULM	comp-Z,363nm,1.1s	IAMS_20	IAMS_20	19 51 40.1
KULM	comp-Z,62um,20.0s	P	P	19 30 52.0
KULM	comp-Z,62um,20.0s	P	P	19 30 49.9 -0.4
KUU	comp-Z,4um,4.0s, baz=300	eS	S	19 37 57.6 0.0
KUU	comp-Z,4um,4.0s, baz=300	LR	LR	19 52 19.0
KUU	comp-Z,78um,13.5s, baz=300	P	P	19 30 49.9 -0.4
KUU	comp-Z,78um,13.5s, baz=300	eS	S	19 37 57.5 0.0
KUU	comp-Z,78um,13.5s, baz=300	Pmax	Pmax	
KUU	comp-Z,78um,13.5s, baz=300	MLR	MLR	
SOEI	comp-Z,78um,14.0s	P	P	19 30 50.3 -0.6
PRP	comp-Z,78um,14.0s	P	P	19 30 51.0 +0.1
PRP	comp-Z,78um,14.0s	IAMB	IAMB	19 31 03.1
PRP	comp-Z,168nm,0.9s			

MTBS	comp-Z,218nm,0.9s	P	P	19 30 51.9 +0.4
MTBS	comp-Z,218nm,0.9s	P	P	19 30 51.9 +0.4
MTBS	comp-Z,218nm,0.9s	IAMB	IAMB	19 30 51.9 +0.4
MTBS	comp-Z,218nm,0.9s	IAMB	IAMB	19 31 04.0
PAX	comp-Z,141nm,0.9s	P	P	19 30 52.1 -0.1
PAX	comp-Z,141nm,0.9s	Pmax	Pmax	
PAX	comp-Z,22um,20.0s	MLR	MLR	
PAX	comp-Z,22um,20.0s	P	P	19 30 52.1 -0.1
PAX	comp-Z,22um,20.0s	eP	P	19 30 53.5 +0.6
IPM	comp-Z,2um,1.2s	P	P	19 30 53.0
IPM	comp-Z,2um,1.2s	P	P	19 30 52.8 -0.1
IPM	comp-Z,2um,1.2s	IAMS_20	IAMS_20	19 55 03.7
BOK	comp-Z,42um,18.0s	P	P	19 30 54.3 +1.4
BOK	comp-Z,279nm,1.1s	IAMB	IAMB	19 31 04.8
BOK	comp-Z,279nm,1.1s	x	x	19 32 46.8
EYAK	comp-Z,241nm,1.0s	P	P	19 30 52.6 0.0
EYAK	comp-Z,241nm,1.0s	IAMB	IAMB	19 31 02.4
MYKOM	comp-Z,286nm,1.2s	P	P	19 30 52.5 -0.9
MYKOM	comp-Z,286nm,1.2s	IAMB	IAMB	19 30 58.1
MYKOM	comp-Z,286nm,1.2s	IAMS_20	IAMS_20	19 54 29.7
MYKOM	comp-Z,286nm,1.2s	P	P	19 30 55.0
RIDG	comp-Z,44um,18.0s	P	P	19 30 52.6 -1.2
RIDG	comp-Z,44um,18.0s	IAMB	IAMB	19 32 22.5
RIDG	comp-Z,348nm,1.2s	P	P	19 30 56.4 +2.0
DGPR	comp-Z,348nm,1.2s	IAMB	IAMB	19 30 58.2
DGPR	comp-Z,670nm,1.1s	eP	P	19 30 55.4 +0.8
ULHL	comp-Z,670nm,1.1s	P	P	19 30 55.5 +0.8
ULHL	comp-Z,670nm,1.1s	P	P	19 30 55.5 +0.8
PYUN	comp-Z,2um,0.9s	eP	P	19 30 56.3 +0.9
BOOM	comp-Z,321nm,0.9s	P	P	19 30 55.4 -0.2
BOOM	comp-Z,321nm,0.9s	Pmax	Pmax	
BOOM	comp-Z,321nm,0.9s	MLR	MLR	
BOOM	comp-Z,321nm,0.9s	IAMB	IAMB	19 30 55.4 -0.2
BOOM	comp-Z,321nm,0.9s	IAMB	IAMB	19 31 13.1
TKM2	comp-Z,775nm,1.1s	P	P	19 30 57.4 +0.8
TKM2	comp-Z,775nm,1.1s	P	P	19 30 56.9 +0.3
TKM2	comp-Z,775nm,1.1s	Pmax	Pmax	
TKM2	comp-Z,775nm,1.1s	Pmax	Pmax	
DOT	comp-Z,50.73um,1.1s	P	P	19 30 55.7 -0.7
BRZS	comp-Z,50.73um,1.1s	P	P	19 31 06.4 +0.9
BRZS	comp-Z,50.73um,1.1s	LR	LR	19 53 07.4
BRZS	comp-Z,50.73um,1.1s	LR	LR	19 53 07.4
BRZS	comp-Z,50.73um,1.1s	MLR	MLR	19 31 06.3 +9.3
RAGM	comp-Z,20um,11.5s, baz=308	P	P	19 30 57.2 +0.3
RAGM	comp-Z,20um,11.5s, baz=308	IAMB	IAMB	19 31 39.2
RAGM	comp-Z,289nm,1.0s	P	P	19 30 58.8 +0.7
MENT	comp-Z,289nm,1.0s	IAMB	IAMB	19 31 10.7
MENT	comp-Z,289nm,1.0s	IAMS_20	IAMS_20	19 54 27.7
MENT	comp-Z,289nm,1.0s	IAMS_20	IAMS_20	19 54 27.7
GLB	comp-Z,36um,13.2s, baz=302	P	P	19 30 59.4 +0.3
GLB	comp-Z,36um,13.2s, baz=302	IAMB	IAMB	19 31 08.9
COEN	comp-Z,622nm,1.8s	P	P	19 30 59.8 +0.2
COEN	comp-Z,622nm,1.8s	IAMB	IAMB	19 31 06.5
MTN	comp-Z,434nm,1.1s	P	P	19 30 59.6 -0.1
BTL	comp-Z,434nm,1.1s	P	P	19 30 59.6 -0.2
BTL	comp-Z,434nm,1.1s	eS	S	19 38 15.1 0.0
BTL	comp-Z,434nm,1.1s	LR	LR	19 52 48.9
BTL	comp-Z,434nm,1.1s	LR	LR	19 52 48.9
BTL	comp-Z,434nm,1.1s	P	P	19 30 59.5 -0.2
BTL	comp-Z,434nm,1.1s	eS	S	19 38 15.0 0.0
BTL	comp-Z,434nm,1.1s	MLR	MLR	
BTL	comp-Z,434nm,1.1s	MLR	MLR	
KZA	comp-Z,36um,13.0s	P	P	19 31 01.8 +1.2
KZA	comp-Z,36um,13.0s	P	P	19 31 01.8 +1.2
KBK	comp-Z,36um,13.0s	P	P	19 31 01.2 +0.6
KBK	comp-Z,36um,13.0s	P	P	19 31 01.0 +0.4
CHMS	comp-Z,36um,13.0s	P	P	19 31 01.2 +0.4
CHMS	comp-Z,36um,13.0s	P	P	19 31 01.6 +0.3
VRDI	comp-Z,36um,13.0s	P	P	19 31 01.2 +0.5
VRDI	comp-Z,36um,13.0s	P	P	19 31 02.4 +0.5
VRDI	comp-Z,36um,13.0s	P	P	19 31 15.4
VRDI	comp-Z,36um,13.0s	P	P	19 31 02.3 -0.2
VRDI	comp-Z,36um,13.0s	IAMB	IAMB	19 31 12.6
PBA	comp-Z,334nm,0.6s	P	P	19 31 01.8 -0.7
PBA	comp-Z,334nm,0.6s	P	P	19 31 03.3 +0.9
PBA	comp-Z,334nm,0.6s	IAMB	IAMB	19 31 15.4
CRQM	comp-Z,554nm,1.1s	P	P	19 31 03.0 0.0
CRQM	comp-Z,554nm,1.1s	P	P	19 31 03.6 +0.6
CRQM	comp-Z,554nm,1.1s	P	P	19 31 03.1 +0.2
CRQM	comp-Z,554nm,1.1s	Pmax	Pmax	
CRQM	comp-Z,554nm,1.1s	Pmax	Pmax	
CRQM	comp-Z,554nm,1.1s	MLR	MLR	
CRQM	comp-Z,554nm,1.1s	MLR	MLR	
CRQM	comp-Z,554nm,1.1s	P	P	19 31 03.2 +0.2
CRQM	comp-Z,554nm,1.1s	IAMB	IAMB	19 31 26.0
TGL	comp-Z,212nm,0.9s	P	P	19 31 03.8 +0.4
TGL	comp-Z,212nm,0.9s	IAMB	IAMB	19 32 23.9
UCL	comp-Z,242nm,1.0s	P	P	19 31 04.9 +0.8
UCL	comp-Z,242nm,1.0s	P	P	19 31 04.9 +0.8
UCL	comp-Z,242nm,1.0s	P	P	19 31 04.2 +0.5
UCL	comp-Z,242nm,1.0s	IAMB	IAMB	19 31 23.0
WAX	comp-Z,631nm,1.5s	P	P	19 31 05.1 +0.3
WAX	comp-Z,631nm,1.5s	P	P	19 31 04.8 -0.3
WAX	comp-Z,631nm,1.5s	IAMB	IAMB	19 31 15.2
BALM	comp-Z,682nm,1.9s	P	P	19 31 06.0 +0.6
EGAK	comp-Z,682nm,1.9s	P	P	19 31 14.9
EGAK	comp-Z,682nm,1.9s	IAMB	IAMB	19 31 06.4 -0.1
ISLE	comp-Z,452nm,1.4s	P	P	19 31 08.2
ISLE	comp-Z,452nm,1.4s	IAMB	IAMB	19 31 08.2
BWNR	comp-Z,328nm,1.2s	eS	S	19 38 27.4 -0.2
BWNR	comp-Z,328nm,1.2s	IAMS_20	IAMS_20	19 55 20.5
BWNR	comp-Z,328nm,1.2s	IAMS_20	IAMS_20	19 55 20.5
EKS2	comp-Z,106um,15.0s	P	P	19 31 07.0 +0.4
EKS2	comp-Z,106um,15.0s	P	P	19 31 07.2 +0.1
EKS2	comp-Z,106um,15.0s	P	P	19 31 07.7 +0.3
EKS2	comp-Z,106um,15.0s	P	P	19 31 08.7 +0.7
EKS2	comp-Z,106um,15.0s	IAMB	IAMB	19 31 23.9
PTH	comp-Z,306nm,1.4s	P	P	19 31 09.4 +0.8
PTH	comp-Z,306nm,1.4s	P	P	19 31 09.4 +0.8
PTH	comp-Z,306nm,1.4s	P	P	19 31 09.9 -0.1
PTH				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MSFE Esma-Masafi, AKH Akhalkakali, HOQ Hogain, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAOW Narrogin (SRO), SOC Sochi, ILULI Ilulissat, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YHB Horse Butte, ELK Elko, ELK Elk, etc.

11d 19h

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like UBBA Unterbreizbach, ENEZ Enez, RDO Rodtopi, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PRK Paraskivi, KEW Keswick, KESW Keswick, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LJU Ljubljana, MQZ Muzina, PAIG Paliouri, etc.

CASP	comp=Z,132nm,1.3s	I Amb	I Amb	19 34 59.4			
FNO	Franklin	89.13	45	P	P	19 34 55.7 +0.4	
TIP	Timpagrande	89.13	321	P	P	19 34 55.1 -0.3	
TIP	comp=Z,273nm,1.1s	I Amb	I Amb	19 35 00.8			
D54A	Lac Fusel, La	89.19	25	P	P	19 34 53.9 -1.4	
D54A	baz=330			S	S	19 45 40.9 -3.2	
E52A	Mattawa	89.22	27	P	P	19 34 54.5 -1.1	
E52A	baz=328,SNR=44			S	S	19 45 40.9 -3.5	
J47A	Summer	89.30	32	P	P	19 34 55.8 -0.2	
J47A	comp=Z,21µm,20.0s	I AMs_20	I AMs_20	20 19 32.5			
M44A	Midewin, Midew	89.34	35	P	P	19 34 54.0 -2.2	
X34A	Smith Ranch, M	89.36	46	P	P	19 34 55.7 -0.7	
X34A	comp=Z,16µm,20.0s	I AMs_20	I AMs_20	20 15 54.9			
F52A	Sundridge	89.39	28	P	P	19 34 55.6 -0.7	
F52A	baz=328,SNR=57			S	S	19 45 43.5 -2.6	
HD1L	Hopedale	89.40	37	P	P	19 34 55.7 -0.8	
HD1L	baz=321,SNR=16			S	S	19 45 45.4 -1.0	
HD1L	comp=Z,20µm,18.0s	I AMs_20	I AMs_20	20 20 36.4			
E53A	Dumoine, Ponti	89.50	26	P	P	19 34 55.9 -1.0	
E53A	baz=329,SNR=39			S	S	19 45 43.3 -3.8	
TX31	Lajitas Ar. Si	89.50	53	P	P	19 34 56.7 -0.6	
TX32	Lajitas Array	89.50	53	P	P	19 34 56.9 -0.4	
TX32	comp=Z,221nm,1.2s	I Amb	I Amb	19 35 03.3			
TXAR	Lajitas Array	89.50	53	P	P	19 34 57.2 0.0	
TXAR	comp=Z,127nm,1.0s,baz=295,slow=2.9,SNR=194			PKKPKbc	PKKPKbc	19 52 30.4 -0.3	
TXAR	comp=Z,1.3nm,0.9s,baz=126,slow=4.7,SNR=3.2			PKPKPK	P/Pdf	20 00 41.9 -3.4	
TXAR	comp=Z,2.0nm,1.1s,baz=131,slow=3.5,SNR=5.5			LR	LR	20 08 42.8	
TUL1	Leonard	89.56	44	P	P	19 34 57.0 -0.3	
TUL1	baz=317			S	S	19 45 47.1 -0.9	
TUL1	Leonard	89.56	44	P	P	19 34 56.4 -1.0	
TUL1	comp=Z,363nm,1.4s	I AMs_20	I AMs_20	20 16 48.0			
S39A	Bolivar	89.57	41	P	P	19 34 55.9 -1.5	
S39A	comp=Z,18µm,21.0s	I Amb	I Amb	19 35 00.7			
E54A	Lac Daplat, Po	89.62	26	P	P	19 34 56.4 -1.0	
E54A	baz=329,SNR=59			S	S	19 45 45.6 -2.5	
L46A	Eue Claire	89.64	34	P	P	19 34 56.8 -0.8	
L46A	comp=Z,169nm,0.9s	I AMs_20	I AMs_20	20 21 12.5			
SSB	Saint Sauveur	89.66	332	P	P	19 34 58.2 +0.5	
SSB	comp=Z,20µm,18.0s			MLR	MLR		
SSB	comp=Z,162nm,1.5s						
SSB	comp=Z,40µm,18.0s						
R40A	Maddies Station	89.66	40	P	P	19 34 57.1 -0.6	
R40A	comp=Z,277nm,1.2s	I AMs_20	I AMs_20	20 21 36.5			
D55A	Sainte-Anne-du	89.70	25	P	P	19 34 56.9 -0.9	
D55A	baz=331,SNR=55			S	S	19 45 46.7 -2.3	
ABTX	Abilene, Hawle	89.71	48	P	P	19 34 57.5 -0.6	
ABTX	baz=315,SNR=34			S	S	19 45 50.7 +1.2	
ABTX	comp=Z,218nm,1.1s	I AMs_20	I AMs_20	20 21 27.3			
ALGO	Algonquin Park	89.72	27	P	P	19 34 56.7 -1.2	
ALGO	baz=329,SNR=61			S	S	19 45 48.3 -3.4	
HP1G	ZEC Mazanza, M	89.81	56	P	P	19 34 58.7 -0.2	
D56A	baz=331,SNR=94			S	S	19 45 49.2 -1.7	
U38A	Gravette	89.94	42	P	P	19 34 58.1 -1.0	
U38A	comp=Z,216nm,1.1s	I AMs_20	I AMs_20	20 20 18.9			
E55A	Montcerf-Lyto	90.00	25	P	P	19 34 58.1 -1.1	
E55A	baz=330,SNR=18			S	S	19 45 48.3 -3.4	
P43A	Skaggs, Pawnee	90.00	37	P	P	19 34 59.0 -0.3	
P43A	comp=Z,120nm,1.1s	I AMs_20	I AMs_20	20 20 42.3			
O44A	Mansfield	90.11	36	P	P	19 34 59.2 -0.6	
O44A	comp=Z,187nm,1.4s	I AMs_20	I AMs_20	20 20 19.1			
H52A	Wyevale	90.15	29	P	P	19 34 58.9 -0.9	
H52A	baz=328			S	S	19 45 50.3 -2.8	
G54A	Lake Saint Pet	90.18	27	P	P	19 34 59.2 -0.9	
G54A	baz=329,SNR=50			S	S	19 45 50.9 -2.6	
G53A	Haliburton	90.22	28	P	P	19 34 59.3 -1.0	
D57A	Chemin Vers le	90.23	24	P	P	19 34 59.7 -0.6	
D57A	baz=332,SNR=118			S	S	19 45 52.2 -1.6	
LATQ	La Tuque	90.26	23	P	P	19 34 59.6 -0.7	
LATQ	comp=Z,16µm,18.0s	I Amb	I Amb	19 37 35.9			
E56A	St. Veronique	90.27	25	P	P	19 34 59.5 -0.9	
E56A	baz=331,SNR=56			S	S	19 45 51.7 -2.4	
CEL	Celeste	90.27	321	P	P	19 34 59.8 -0.8	
HHAR	Hobbs	90.29	42	P	P	19 34 59.8 -1.0	
HHAR	comp=Z,188nm,1.2s	I AMs_20	I AMs_20	20 20 29.4			
M5EY	Mahe Island	90.31	264	P	P	19 35 03.7 +2.5	
M5EY	comp=Z,16µm,19.0s						
SADO	Sadowa	90.33	28	I Amb	I Amb	19 35 00.0 -0.7	
SADO	comp=Z,138nm,1.2s	I AMs_20	I AMs_20	20 20 45.5			
CCM	Cathedral Cave	90.37	39	P	P	19 35 00.7 -0.3	
CCM	comp=Z,285nm,1.2s			MLR	MLR		
CCM	comp=Z,14µm,19.0s						
CCM	Cathedral Cave	90.37	39	P	P	19 35 00.4 -0.6	
CCM	baz=320			S	S	19 45 54.1 -1.3	
CCM	Cathedral Cave	90.37	39	P	P	19 35 00.7 -0.3	

CCM	comp=Z,285nm,1.2s	I Amb	I Amb	19 35 09.4			
CCM	Cathedral Cave	90.37	39	I AMs_20	I AMs_20	20 22 50.1	
I51A	Listowel	90.41	30	P	P	19 35 01.1 -0.1	
I51A	baz=327,SNR=33			S	S	19 45 54.4 -1.2	
SLM	Saint Louis	90.43	38	P	P	19 35 00.2 -1.1	
SLM	comp=Z,178nm,1.2s			MLR	MLR		
SLM	comp=Z,17µm,20.0s	90.43	38	P	P	19 35 00.2 -1.1	
SLM	comp=Z,178nm,1.1s			I AMs_20	I AMs_20	20 19 19.7	
F55A	Otter Lake	90.43	26	P	P	19 35 00.2 -1.0	
F55A	baz=330,SNR=13			S	S	19 45 51.8 -3.8	
D58A	Chemin du LacG	90.48	23	P	P	19 35 00.4 -1.0	
D58A	baz=332,SNR=40			S	S	19 45 54.3 -1.9	
L48A	N Adams	90.52	33	P	P	19 35 01.4 -0.3	
L48A	comp=Z,277nm,1.1s	I AMs_20	I AMs_20	20 20 11.7			
I52A	Shelburne	90.52	29	P	P	19 35 00.6 -1.1	
MGMO	Mountain Grove	90.52	41	P	P	19 35 01.1 -0.7	
MGMO	comp=Z,163nm,1.1s						
AAM	Ann Arbor	90.56	32	P	P	19 35 01.7 -0.2	
AAM	comp=Z,369nm,1.7s			MLR	MLR		
AAM	comp=Z,23µm,20.0s	90.56	32	P	P	19 35 01.2 -0.7	
AAM	baz=325			P	P	19 35 01.6 -0.2	
AAM	Ann Arbor	90.56	32	P	P	19 35 01.6 -0.2	
AAM	comp=Z,369nm,1.7s			I AMs_20	I AMs_20	20 21 00.9	
SPIN	Lafayette	90.58	36	P	P	19 35 01.2 -0.8	
SPIN	baz=323,SNR=23			S	S	19 45 55.5 -1.7	
SPIN	Lafayette	90.58	36	P	P	19 35 01.7 -0.3	
SPIN	comp=Z,212nm,1.3s	I Amb	I Amb	19 35 10.4			
Z35A	Perchaven, San	90.61	46	P	P	19 35 01.8 -0.5	
Z35A	comp=Z,17µm,19.0s	I AMs_20	I AMs_20	20 19 47.0			
K50A	Casco	90.61	31	P	P	19 35 01.3 -0.8	
K50A	baz=326			S	S	19 45 56.9 -0.5	
K50A	Casco	90.61	31	P	P	19 35 01.6 -0.5	
K50A	comp=Z,232nm,1.2s	I Amb	I Amb	19 35 06.3			
K50A	comp=Z,27µm,18.0s	I AMs_20	I AMs_20	20 21 29.1			
ATD	Arta Tunnel	90.62	285	P	P	19 35 04.9 +2.2	
ATD	SNR=19						
ATD	Arta Tunnel	90.62	285	P	P	19 35 02.8 +0.2	
ATD	comp=Z,272nm,1.3s	I Amb	I Amb	19 35 09.0			
E57A	Chemin Saint G	90.68	24	P	P	19 35 01.4 -0.9	
E57A	baz=332,SNR=65			S	S	19 45 56.7 -1.3	
H53A	Bobcaygeon	90.70	28	P	P	19 35 01.7 -0.8	
H53A	baz=328,SNR=60			S	S	19 45 54.9 -3.4	
TRQ	Mont Tremblant	90.71	25	P	P	19 35 02.1 -0.5	
X37A	X37A	90.76	44	P	P	19 35 02.6 -0.3	
X37A	comp=Z,159nm,1.3s	I Amb	I Amb	19 35 13.2			
G55A	Calabogie	90.80	26	P	P	19 35 02.0 -1.0	
G55A	comp=Z,18µm,20.0s			S	S	19 45 55.3 -3.8	
U40A	Yellville	90.82	42	P	P	19 35 02.0 -1.2	
U40A	baz=319,SNR=187			S	S	19 45 58.9 -0.7	
U40A	Yellville	90.82	42	P	P	19 35 02.2 -1.0	
U40A	comp=Z,14µm,20.0s	I AMs_20	I AMs_20	20 20 07.2			
N47A	Urbana	90.82	34	P	P	19 35 02.3 -0.8	
N47A	comp=Z,227nm,1.2s	I Amb	I Amb	19 35 11.3			
Q44A	Meyer Farm, Va	90.82	38	P	P	19 35 03.0 -0.2	
Q44A	comp=Z,185nm,1.2s	I AMs_20	I AMs_20	20 18 39.7			
PLVO	Plevna	90.86	27	P	P	19 35 02.8 -0.4	
PLVO	comp=Z,149nm,1.1s	I Amb	I Amb	19 35 07.0			
D59A	Saint-Raymond	90.89	23	P	P	19 35 02.3 -1.0	
D59A	baz=333			I AMs_20	I AMs_20	20 21 45.5	
I53A	Kortright Cn E	90.96	29	P	P	19 35 02.8 -0.8	
I53A	baz=332			S	S	19 45 58.6 -2.2	
E58A	La Victoria	91.00	24	P	P	19 35 03.1 -0.7	
E58A	comp=Z,94nm,1.0s			S	S	19 45 58.6 -2.2	
F57A	Harrington	91.02	25	P	P	19 35 03.4 -0.5	
F57A	baz=331			S	S	19 45 59.8 -2.1	
J52A	Paris	91.10	30	P	P	19 35 03.9 -0.4	
J52A	baz=327,SNR=20			S	S	19 45 59.8 -2.1	

F61A	baz=334,SNR=65	S	S	19 46 09.1	-1.5		
P48A	baz=334	92.08	35	P	Iamb	19 35 08.7	-0.3
P48A	comp=Z,188nm,1.8s	IAMs_20	IAMs_20	20 20 38.2			
LONY	comp=Z,15um,21.0s	92.10	25	P	P	19 35 08.4	-0.6
LONY	baz=331,SNR=21	S	S	19 46 08.0	-3.0		
LONY	baz=331	92.10	25	P	P	19 35 08.6	-0.4
J55A	Hilton	92.11	28	P	P	19 35 08.6	-0.4
J55A	baz=329,SNR=10	S	S	19 46 08.0	-3.0		
J55A	baz=329	92.11	28	P	P	19 35 08.8	-0.2
J55A	Hilton	IAMs_20	IAMs_20	20 22 32.6			
M52A	comp=Z,19um,18.0s	92.16	31	P	P	19 35 09.0	-0.3
M52A	Chesterland	S	S	19 46 09.4	-2.2		
M52A	baz=326	92.16	31	P	P	19 35 08.5	-0.8
M52A	Chesterland	IAMs_20	IAMs_20	20 18 29.1			
M52A	comp=Z,128nm,1.2s	92.17	24	P	P	19 35 09.3	0.0
G59A	comp=Z,14um,20.0s	92.19	39	IAMs_20	IAMs_20	20 19 22.5	
PARMO	Clarenceville	92.23	43	P	P	19 35 08.7	-1.1
X40A	comp=Z,14um,19.0s	92.23	43	P	P	19 35 08.7	-1.1
X40A	Basin Creek Fa	S	S	19 46 11.0	-1.5		
X40A	baz=319	92.23	43	P	P	19 35 09.1	-0.7
X40A	Basin Creek Fa	IAMs_20	IAMs_20	20 19 24.8			
ERPA	comp=Z,19um,19.0s	92.24	30	P	P	19 35 08.6	-1.0
ERPA	Erie	S	S	19 46 12.4	+0.2		
ERPA	baz=327	92.24	30	P	P	19 35 08.1	-1.6
ERPA	Erie	IAMs_20	IAMs_20	20 24 56.9			
ERPA	comp=Z,71nm,0.9s	92.25	48	P	P	19 35 09.4	-0.5
435B	Jarrell	S	S	19 46 11.4	-1.3		
435B	baz=316	92.25	48	P	P	19 35 08.6	-1.3
435B	Jarrell	IAMs_20	IAMs_20	20 18 41.5			
435B	comp=Z,178nm,1.3s	92.25	32	P	P	19 35 09.0	-0.8
N51A	Ashland	S	S	19 46 12.2	-0.1		
N51A	baz=326	92.25	32	P	P	19 35 09.2	-0.5
N51A	Ashland	IAMs_20	IAMs_20	20 22 16.4			
FRNY	comp=Z,27um,20.0s	92.25	25	P	P	19 35 08.7	-0.9
FRNY	Flat Rock	IAMs_20	IAMs_20	20 24 37.3			
L53A	comp=Z,17um,18.0s	92.27	30	P	P	19 35 09.0	-0.8
L53A	Girard	S	S	19 46 10.3	-2.2		
L53A	baz=327	92.27	24	P	P	19 35 09.6	-0.2
MOQ	Mont Orford	92.28	19	P	P	19 35 09.4	-0.3
BATG	Bathurst New B	IAMs_20	IAMs_20	20 21 59.9			
BATG	comp=Z,98nm,0.9s	92.28	42	P	P	19 35 09.6	-0.4
UALR	University of	IAMs_20	IAMs_20	20 24 02.0			
UALR	comp=Z,140nm,1.3s	92.30	39	IAMs_20	IAMs_20	20 19 44.2	
HENM	Henderson Moun	92.30	21	P	P	19 35 08.7	-1.2
HENM	comp=Z,16um,19.0s	92.31	20	P	P	19 35 13.8	
PQI	Presque Isle	IAMs_20	IAMs_20	20 22 20.7			
PQI	comp=Z,74nm,0.9s	92.32	26	P	P	19 35 09.2	-0.8
I57A	Carthage	S	S	19 46 09.4	-3.5		
I57A	baz=330	92.33	29	P	P	19 35 09.6	-0.5
K54A	Basiliko Farm,	S	S	19 46 10.0	-3.2		
K54A	baz=328,SNR=11	92.35	35	P	P	19 35 09.4	-0.9
P49A	Miami Univ. Ec	S	S	19 46 13.4	+0.1		
P49A	baz=324	92.35	35	P	P	19 35 08.8	-1.4
P49A	Miami Univ. Ec	IAMs_20	IAMs_20	19 35 16.6			
H59A	comp=Z,196nm,1.6s	92.38	25	P	P	19 35 09.9	-0.4
H59A	Cadyville	S	S	19 46 10.4	-3.1		
H59A	baz=332	92.41	46	P	P	19 35 10.3	-0.3
237A	Washetta, Mont	IAMs_20	IAMs_20	20 23 04.6			
237A	comp=Z,125nm,1.1s	92.41	30	P	P	19 35 10.3	-0.1
L54A	Sinclairville	S	S	19 46 11.2	-2.6		
L54A	baz=328	92.41	40	IAMs_20	IAMs_20	20 19 20.3	
PVMO	Portageville	92.42	25	P	P	19 35 09.7	-0.7
H58A	Gabriels	S	S	19 46 11.0	-2.9		
H58A	baz=332	92.42	21	P	P	19 35 10.3	-0.1
E63A	Oxbow	S	S	19 46 11.0	-2.7		
E63A	baz=336	92.42	21	P	P	19 35 10.3	-0.1
E63A	Oxbow	IAMs_20	IAMs_20	20 18 01.8			
E63A	comp=Z,90nm,1.0s	92.43	326	P	P	19 35 11.1	+0.5
VSL	Villasalto	92.43	24	P	P	19 35 09.6	-0.9
G60A	Masonville	S	S	19 46 11.9	-2.0		
G60A	baz=333	92.45	22	P	P	19 35 10.1	-0.5
F62A	Pittston Farm,	S	S	19 46 11.5	-2.5		
F62A	baz=335	92.46	28	P	P	19 35 09.7	-0.9
J56A	Wolcott	S	S	19 46 10.5	-3.6		
J56A	baz=330	92.46	28	P	P	19 35 09.6	-1.0
J56A	Wolcott	IAMs_20	IAMs_20	19 35 18.8			
J56A	comp=Z,113nm,1.3s	92.47	29	P	P	20 18 21.8	
K55A	Perry	S	S	19 46 09.9	-0.8		
K55A	baz=329,SNR=9.1	S	S	19 46 11.5	-2.9		
T45A	Paducah	92.47	39	IAMs_20	IAMs_20	20 22 14.9	
G61A	St-Isidore-de-	92.52	23	P	P	19 35 10.2	-0.7
G61A	baz=334,SNR=36	S	S	19 46 13.0	-1.7		
M53A	WI Miller and	92.53	31	P	P	19 35 10.9	-0.1
M53A	baz=327,SNR=9.4	S	S	19 46 12.6	-2.2		

M53A	WI Miller and	92.53	31	P	Iamb	19 35 10.2	-0.8
M53A	comp=Z,146nm,1.2s	IAMs_20	IAMs_20	20 25 17.8			
M53A	comp=Z,15um,19.0s	92.53	28	P	Iamb	19 35 10.5	-0.5
MMNY	Mt. Morris Dam	92.53	28	P	Iamb	19 35 19.5	
MMNY	comp=Z,292nm,1.7s	92.54	29	P	Iamb	19 35 10.3	-0.8
WVNY	West Valley, N	92.54	29	P	Iamb	19 35 20.6	
WVNY	comp=Z,182nm,1.6s	IAMs_20	IAMs_20	20 16 00.8			
WVNY	comp=Z,15um,20.0s	92.55	33	P	P	19 35 10.0	-1.1
ACSO	Alum Creek Sta	92.55	33	P	P	19 35 10.0	-1.1
ACSO	baz=325,SNR=7.9	92.55	33	IAMs_20	IAMs_20	20 21 24.4	
ACSO	Alum Creek Sta	92.56	39	P	P	19 35 08.5	-2.7
HICK	Hickman	92.56	40	IAMs_20	IAMs_20	20 25 11.3	
PEBM	Pemiscott Bayo	92.57	30	P	P	19 35 09.8	-1.4
ALLY	Alleyghy Colle	92.57	30	P	Iamb	19 35 19.0	
ALLY	comp=Z,132nm,1.1s	92.58	41	P	IAMs_20	19 35 11.5	+0.2
HBAR	Harrisburg	92.58	41	P	IAMs_20	20 22 44.9	
HBAR	comp=Z,18um,19.0s	92.59	20	P	P	19 35 10.9	-0.2
E64A	Bridgewater	92.59	20	P	S	19 46 12.4	-2.8
E64A	baz=336,SNR=32	92.63	32	P	P	19 35 10.8	-0.7
N52A	McGinn's Farm,	92.66	27	P	P	19 35 11.0	-0.6
J57A	Williamstown	92.66	27	P	P	19 35 11.0	-0.6
J57A	baz=330,SNR=29	S	S	19 46 12.3	-3.6		
J57A	Williamstown	92.67	27	P	Iamb	19 35 11.4	-0.2
J57A	comp=Z,208nm,1.4s	92.66	36	P	MLR	19 35 11.1	-0.6
WCI	Wyandotte Cave	92.66	36	P	MLR	19 35 11.2	-0.6
WCI	comp=Z,18um,19.0s	92.66	36	P	S	19 46 18.0	+1.8
WCI	Wyandotte Cave	92.66	36	P	Iamb	19 35 11.1	-0.6
WCI	baz=323	92.66	36	P	Iamb	19 35 20.0	
WCI	Wyandotte Cave	92.66	36	IAMs_20	IAMs_20	20 24 01.7	
WCI	comp=Z,116nm,1.3s	92.68	43	P	P	19 35 11.4	-0.4
WLAR	White Oak Lake	92.68	43	P	IAMs_20	20 19 34.7	
WLAR	comp=Z,19um,20.0s	92.73	40	IAMs_20	IAMs_20	20 25 04.8	
LPAR	Lepanto	92.74	39	IAMs_20	IAMs_20	20 19 57.8	
GLAT	comp=Z,13um,18.0s	92.78	26	P	P	19 35 10.7	-1.4
I58A	Glass	92.78	26	P	S	19 46 14.0	-3.1
I58A	Old Forge	92.78	26	P	S	19 35 12.1	0.0
I58A	baz=331,SNR=8.9	92.78	28	P	S	19 46 13.8	-3.4
K56A	Middlesex	92.78	28	P	S	19 35 12.0	-0.2
K56A	baz=329	92.78	33	P	S	19 46 17.4	+0.2
O51A	Pataskala	92.79	24	P	S	19 35 10.8	-1.4
O51A	baz=326	92.79	24	P	S	19 46 16.2	-0.9
H60A	Morristown	92.80	29	P	P	19 35 12.0	-0.3
H60A	baz=333	92.80	29	P	S	19 46 15.2	-2.1
L55A	Hinsdale	92.80	29	P	S	19 35 12.3	+0.1
L55A	baz=328	92.80	26	P	Iamb	19 35 20.0	
NCB	Newcomb	92.80	26	P	Iamb	19 35 20.2	
NCB	comp=Z,110nm,1.4s	92.83	320	P	P	19 35 10.3	-2.1
WDD	Wind Dale	92.88	30	P	P	19 35 12.1	-0.6
M54A	Oil Creek Stat	92.88	30	P	S	19 46 16.2	-1.8
M54A	baz=328	92.88	30	P	Iamb	19 35 12.4	-0.3
M54A	Oil Creek Stat	IAMs_20	IAMs_20	20 20 55.9			
M54A	comp=Z,102nm,1.1s	92.88	21	P	P	19 35 11.8	-0.7
F63A	comp=Z,21um,20.0s	92.88	21	P	S	19 46 15.7	-2.1
F63A	Nahmakanta, Br	92.88	21	P	IAMs_20	19 35 12.6	0.0
F63A	baz=335,SNR=16	92.89	23	P	P	19 35 12.0	-0.6
G62A	West of Eustis	92.89	23	P	S	19 46 16.0	-2.0
G62A	baz=334	92.89	23	P	Iamb	19 35 21.0	+0.4
G62A	West of Eustis	IAMs_20	IAMs_20	20 23 12.2			
G62A	comp=Z,301nm,1.6s	92.89	51	P	P	19 35 11.9	-1.0
833A	Chaparral WMA,	92.89	51	P	S	19 46 17.9	-0.6
833A	baz=315,SNR=24	92.89	51	P	P	19 35 12.1	-0.8
833A	Chaparral WMA,	92.89	51	P	Iamb	19 35 17.6	
833A	comp=Z,153nm,1.2s	92.89	39	P	P	19 35 11.3	-1.5
UTMT	University of	92.95	21	P	S	19 35 12.7	-0.1
F64A	Sherman	92.95	21	P	S	19 46 17.0	-1.5
F64A	baz=336	92.95	21	P	P	19 35 12.5	-0.4
F64A	Sherman	IAMs_20	IAMs_20	20 18 30.8			
J58A	comp=Z,28um,22.0s	92.96	27	P	P	19 35 12.4	-0.6
J58A	Remsen	S	S	19 46 15.5	-3.2		
J58A	baz=331	92.96	27	P	Iamb	19 35 12.2	-0.7
J58A	Remsen	IAMs_20	IAMs_20	20 20 43.8			
J58A	comp=Z,72nm,1.0s	92.97	24	P	P	19 35 13.2	+0.2
VT1	Waterbury	92.97	24	P	IAMs_20	20 21 20.7	
VT1	comp=Z,25um,20.0s	92.99	31	P	P	19 35 12.7	-0.5
N53A	Lisbon	92.99	31	P	S	19 46 17.0	-2.0
N53A	baz=327,SNR=6.0	92.99	31	P	Iamb	19 35 13.2	0.0
N53A	Lisbon	IAMs_20	IAMs_20	20 25 37.0			
N53A	comp=Z,134nm,1.0s	93.06	28	P	P	19 35 12.9	-0.5
K57A	Scipio Center	93.06	28	P	S	19 46 17.0	-2.5
K57A	baz=330	93.06	24	P	P	19 35 13.6	+0.2
H61A	Lyndonville	93.07	25	P	S	19 46 17.5	-2.1
H61A	baz=333	93.07	25	P	S	19 35 13.2	-0.3
I59A	Olmsteadville	93.07	25	P	S	19 46 16.6	-3.0
I59A	baz=332,SNR=8.0	93.13	34	P	P	19 35 12.9	-0.9
P51A	Williamsport	93.13	34	P	S	19 46 18.8	-1.5
P51A	baz=325	S	S				

P51A	Williamsport	93.13	34	P	Iamb	19 35 13.5	-0.3
P51A	comp=Z,103nm,0.8s	IAMs_20	IAMs_20	20 23 08.8			
R49A	Shelbyville	93.14	36	P	IAMs_20		

344A	IAMS_20	IAMS_20	20 23 08.1
CPNY	comp=Z,18um,19.0s	IAMS_20	IAMS_20 20 22 45.9
N62A	comp=Z,23um,19.0s	P	P 19 35 25.3 -0.4
CPCT	Caumsett State	P	P 19 35 24.2 -1.7
CPCT	Cooper Cave	IAMS_20	IAMS_20 20 25 48.8
L64A	comp=Z,22um,18.0s	P	P 19 35 25.9 +0.2
Z47A	Middleborough	IAMB	IAMB 19 35 33.8
Z47A	Carrollton	IAMS_20	IAMS_20 20 24 20.9
P59A	comp=Z,16um,21.0s	P	P 19 35 25.2 -0.7
P59A	Jarrettsville	S	S 19 46 40.8 -2.6
T54A	baz=330	S	S 19 35 25.3 -0.8
T54A	Tazewell	P	P 19 35 25.2 -0.8
SDMD	comp=Z,19um,18.0s	P	P 19 35 25.7 -0.3
M63A	Soldier's Deli	S	S 19 46 41.3 -2.2
M63A	Gales Ferry	S	S 19 35 25.7 -0.6
Q58A	baz=333	P	P 19 46 40.7 -3.4
Q58A	Fox Den Farm,	S	S 19 35 25.7 -0.6
V52A	Sevierville	IAMS_20	IAMS_20 20 25 24.3
PSUB	comp=Z,17um,19.0s	P	P 19 35 25.4 -1.0
PSUB	Penn St. - Bra	IAMS_20	IAMS_20 20 18 25.3
L65A	comp=Z,25um,21.0s	P	P 19 35 26.2 -0.3
P60A	Cape Cod Natio	P	P 19 35 25.8 -0.7
P60A	Greenville	S	S 19 46 41.1 -3.4
P60A	Greenville	S	S 19 46 41.1 -3.4
TKL	baz=330	P	P 19 35 24.1 -2.4
TKL	Tuckaleechee C	P	P 19 35 24.8 -1.9
TKL	comp=Z,40nm,1.0s	MLR	MLR
TKL	comp=Z,17um,19.0s	P	P 19 35 24.8 -1.9
FPAL	Fort Paine	IAMS_20	IAMS_20 20 18 12.6
FPAL	comp=Z,15um,20.0s	P	P 19 35 26.9 +0.2
M64A	Tiverton	S	S 19 46 41.8 -3.1
M64A	baz=334	S	S 19 35 27.0 -0.3
R57A	Stanardsville	S	S 19 46 42.5 -3.4
R57A	baz=328,SNR=15	S	S 19 35 27.1 -0.2
O61A	Allentown	P	P 19 35 25.2 -2.3
O61A	Blount Mountai	IAMS_20	IAMS_20 20 22 08.5
Y49A	comp=Z,14um,19.0s	P	P 19 35 25.1 -2.4
Y49A	Pulaski	S	S 19 46 42.9 -3.4
U54A	baz=327	S	S 19 35 27.0 -0.7
U54A	Nelsons Funny	S	S 19 46 43.0 -3.6
U54A	baz=326	P	P 19 35 26.2 -1.5
U54A	Nelsons Funny	IAMB	IAMB 19 39 13.7
M65A	comp=Z,63nm,0.8s	IAMS_20	IAMS_20 20 25 41.0
M65A	Busbys Falout	P	P 19 35 26.6 -1.1
S56A	Natural Bridge	P	P 19 35 26.7 -1.2
S56A	baz=328	P	P 19 35 26.7 -1.2
BLA	Blacksburg	P	P 19 35 26.7 -1.2
BLA	comp=Z,153nm,1.3s	MLR	MLR
BLA	comp=Z,19um,18.0s	P	P 19 35 26.7 -1.2
BLA	Blacksburg	S	S 19 46 43.0 -4.0
BLA	baz=327	P	P 19 35 26.7 -1.2
BLA	Blacksburg	IAMB	IAMB 19 39 18.6
T60A	comp=Z,153nm,1.2s	IAMS_20	IAMS_20 20 24 57.3
R58A	comp=Z,19um,18.0s	P	P 19 35 27.0 -1.2
R58A	Rapidan	S	S 19 46 44.8 -2.9
R58A	baz=329,SNR=5.8	S	S 19 46 44.8 -2.9
W52A	comp=Z,19um,19.0s	IAMS_20	IAMS_20 20 26 22.3
Q59A	Murphy	P	P 19 35 28.2 -0.3
Q59A	Harwood	P	P 19 35 27.4 -1.1
S57A	Dark Hollow, R	P	P 19 35 27.4 -1.1
S57A	baz=328,SNR=7.4	S	S 19 46 46.0 -2.3
S57A	Dark Hollow, R	IAMS_20	IAMS_20 19 35 26.3 -2.2
S57A	comp=Z,17um,19.0s	P	P 19 35 27.9 0.7
P61A	Hammonton	P	P 19 35 28.7 +0.2
P61A	Hammonton	IAMS_20	IAMS_20 20 24 54.7
V53A	comp=Z,19um,19.0s	P	P 19 35 27.3 -1.5
V53A	Saluda	IAMS_20	IAMS_20 20 24 57.7
LRAL	comp=Z,17um,20.0s	P	P 19 35 28.6 -0.4
LRAL	Lakeview Retre	S	S 19 46 46.1 -3.2
LRAL	baz=322	P	P 19 35 27.9 -1.2
LRAL	Lakeview Retre	IAMS_20	IAMS_20 20 24 52.9
U55A	comp=Z,15um,19.0s	P	P 19 35 28.6 -0.7
U55A	TA2, Sparta	P	P 19 35 29.2 -0.1
T56A	Rocky Mt	S	S 19 46 46.0 -3.7
T56A	baz=327	S	S 19 35 28.5 -0.9
Q60A	Greensboro	P	P 19 35 28.5 -0.9
PBRG	comp=Z,30um,1.3s	eP	eP 19 35 31.3 +1.5
PBRG	Bragana	ePP	ePP 19 39 27.9 +4.8
PBRG	Corbin Frederi	P	P 19 35 28.5 -1.2
CBN	comp=Z,22um,18.0s	S	S 19 46 48.5 -2.1
CBN	Corbin Frederi	IAMS_20	IAMS_20 20 24 28.9
R58B	comp=Z,16um,20.0s	P	P 19 35 28.8 -1.0
R58B	Mineral	S	S 19 46 48.8 -1.9
R58B	baz=329	S	S 19 46 48.8 -1.9
R58B	Mineral	IAMS_20	IAMS_20 19 35 28.6 -1.2
R58B	comp=Z,18um,20.0s	P	P 19 35 28.7 -1.5
V54A	Nebo	P	P 19 35 29.4 -0.9
V54A	King George, V	P	P 19 35 30.6 0.0
UCM	comp=Z,29um,1.6s	i Pdif	i Pdif 19 35 29.8 -1.0
Q61A	Milford	P	P 19 35 29.8 -1.0
S58A	comp=Z,30um,1.9s	P	P 19 35 29.8 -1.0
S58A	Poland Farm, P	IAMS_20	IAMS_20 20 24 05.0
S58A	Poland Farm, P	P	P 19 35 29.7 -1.2
T57A	comp=Z,16um,19.0s	S	S 19 46 48.8 -4.0
T57A	Hurt	S	S 19 35 29.8 -1.1
T57A	baz=328,SNR=9.0	P	P 19 35 29.8 -1.1
T57A	Hurt	IAMS_20	IAMS_20 20 26 29.3

BG3	comp=Z,16um,20.0s	P	P 19 35 30.1 -0.9
R60A	Lake Joacsee	P	P 19 35 30.4 -0.5
R60A	Leonardtown, M	P	P 19 35 30.5 -0.7
U56A	comp=Z,48nm,1.6s	S	S 19 46 49.9 -3.4
U56A	King	S	S 19 35 30.0 -1.2
U56A	baz=327	IAMS_20	IAMS_20 20 28 26.8
SET	Setif	eP	eP 19 35 37.0 +5.7
PGAV	Gavieira, Arco	eP	eP 19 35 32.5 +1.3
PGAV	Gavieira, Arco	ePP	ePP 19 39 28.1 +2.5
PGAV	Gavieira, Arco	eSKS	eSKS 19 46 07.9 -0.3
PGAV	Gavieira, Arco	eLQ	eLQ 20 05 20.6
PGAV	Gavieira, Arco	eLR	eLR 20 13 27.5
V55A	comp=Z,29um,20.0s	P	P 19 35 30.5 -0.9
V55A	Taylorsville	P	P 19 35 29.4 -2.0
V55A	Mechanicsville	P	P 19 35 31.4 -0.2
PCAB	Cabrill	eP	eP 19 35 33.7 +1.7
PCAB	Cabrill	ePP	ePP 19 39 32.6 +5.9
Z51A	Franklin	P	P 19 35 32.0 -2.0
Z51A	comp=Z,18um,18.0s	IAMS_20	IAMS_20 20 23 32.3
W54A	Cherokee Point	P	P 19 35 31.5 -0.7
T58A	Grand View Acr	P	P 19 35 31.6 -0.9
T58A	baz=328	S	S 19 46 52.3 -3.5
Y52A	Libburn	IAMS_20	IAMS_20 19 35 31.3 -1.5
Y52A	comp=Z,19um,19.0s	IAMS_20	IAMS_20 20 25 48.0
MVO	Moncorvo	eP	eP 19 35 33.1 +0.2
MVO	Moncorvo	ePP	ePP 19 39 32.5 +4.2
MVO	Moncorvo	eSKS	eSKS 19 46 10.3 +0.3
MVO	Moncorvo	LQ	LQ 20 04 20.5
MVO	Moncorvo	eLR	eLR 20 14 17.9
U57A	Blanch	P	P 19 35 32.1 -0.8
U57A	baz=328,SNR=7.8	S	S 19 46 52.1 -4.5
V56A	Mocksville	P	P 19 35 31.8 -1.1
S60A	Water View	P	P 19 35 32.0 -1.0
PVRL	Vila Real	eP	eP 19 35 35.4 +2.0
PVRL	Vila Real	ePP	ePP 19 39 35.0 +5.9
KMSC	Kings Mountain	P	P 19 35 32.8 -1.0
KMSC	Kings Mountain	IAMS_20	IAMS_20 19 35 32.6 -1.2
X54A	Belton	P	P 19 35 33.1 -0.8
PAUL	Pauline	IAMS_20	IAMS_20 19 35 31.1 -2.9
PAUL	comp=Z,19um,19.0s	IAMS_20	IAMS_20 20 25 55.4
V57A	Coltrane Farms	P	P 19 35 33.4 -0.7
T59A	Double "B" Far	P	P 19 35 34.9 +0.6
T59A	Double "B" Far	IAMS_20	IAMS_20 19 35 33.1 -1.1
T59A	Double "B" Far	IAMS_20	IAMS_20 20 25 57.9
ESBB	comp=Z,13um,19.0s	P	P 97.62 334
ESBB	Sonsecqa Array	P	P 97.62 334
ESBB	Sonsecqa Array	PKP	PKP 97.62 334
ESDC	comp=Z,17nm,1.0s,baz=12,slow=3.3,SNR=34	PP	PP 19 39 30.1 -0.9
ESDC	comp=Z,18nm,1.1s,baz=18,slow=7.1,SNR=6.0	PKK	PKK 19 35 32.7 -1.7
ESDC	comp=Z,1.0nm,1.0s,baz=246,slow=1.0,SNR=5.1	LR	LR 20 14 24.2
ESDC	comp=Z,26um,18.9s,baz=10.0,slow=36	P	P 19 35 31.9 -2.7
250A	Grady	IAMB	IAMB 19 35 42.7
250A	comp=Z,150nm,1.4s	IAMS_20	IAMS_20 20 25 42.0
U58A	Oxford	P	P 19 35 34.5 0.0
U58A	baz=328	S	S 19 46 55.5 -4.2
S61A	Accomac	P	P 19 35 35.5 +0.6
T60A	Surry	P	P 19 35 33.7 -1.4
T60A	Surry	IAMS_20	IAMS_20 20 24 16.0
HODGE	comp=Z,23um,20.0s	P	P 19 35 33.0 -2.2
HODGE	Hodges	IAMS_20	IAMS_20 20 25 50.8
W56A	comp=Z,14um,20.0s	P	P 19 35 34.4 -0.9
W56A	Indian Trail	P	P 19 35 34.4 -0.9
PAB	San Pablo	P	P 19 35 34.6 -0.9
PAB	comp=Z,42nm,1.2s	MLR	MLR
PAB	comp=Z,27um,18.0s	P	P 19 35 34.6 -0.9
152A	Waverly Hall	IAMS_20	IAMS_20 20 23 56.1
GOGA	Godfrey	P	P 19 35 34.0 -1.7
GOGA	comp=Z,71nm,1.7s	MLR	MLR
GOGA	Godfrey	P	P 19 35 34.8 -0.9
GOGA	Godfrey	S	S 19 46 59.5 -2.3
GOGA	baz=325	S	S 19 35 34.0 -1.7
GOGA	Godfrey	IAMS_20	IAMS_20 20 28 48.4
GOGA	Godfrey	P	P 19 35 34.6 -1.0
V58A	Windy Hill, Pi	P	P 19 35 35.1 -0.7
V58A	Windy Hill, Pi	P	P 19 35 33.5 -2.2
V58A	Windy Hill, Pi	IAMS_20	IAMS_20 20 28 35.8
PVIS	comp=Z,17um,19.0s	eP	eP 19 39 38.7 +2.8
PVIS	Visu	ePP	ePP 19 35 39.3 +5.8
U59A	Littleton	P	P 19 35 35.5 -0.7
U59A	Littleton	IAMS_20	IAMS_20 20 26 04.2
RKT	Rikitea	eSKS	eSKS 19 46 14.1 +0.3
RKT	Rikitea	ePS	ePS 19 48 31.1 +2.8
RKT	Rikitea	eSS	eSS 19 53 50.8 +5.0
RKT	comp=Z,16um,25.8s	eLR	eLR 20 07 26.8
RKT	Rikitea	P	P 19 35 35.4 -1.0
W57A	Gilead	S	S 19 46 59.1 -4.1
W57A	baz=327	S	S 19 35 32.6 -3.9
W57A	Gilead	P	P 19 35 37.2 +0.5
MTE	Manteigas	ePP	ePP 19 39 35.7 +0.8
MTE	Manteigas	eSKS	eSKS 19 46 18.6 +4.2
MTE	Manteigas	LQ	LQ 20 05 29.9
MTE	Manteigas	eLR	eLR 20 14 12.7
X56A	comp=Z,61um,18.0s	P	P 19 35 35.7 -1.1
X56A	White	P	P 19 35 35.7 -1.1
U60A	Pendleton	S	S 19 47 01.3 -2.8
U60A	baz=329	S	S 19 47 01.3 -2.8
JSC	Jenkinsville	P	P 19 35 35.4 -1.7
JSC	comp=Z,10.0nm,1.0s	P	P

JSC	comp=Z,14um,18.0s	MLR	MLR
JSC	Jenkinsville	P	P 19 35 35.4 -1.7
JSC	Jenkinsville	IAMS_20	IAMS_20 20 25 24.0
Y55A	comp=Z,14um,18.0s	P	P 19 35 36.4 -0.8
Y55A	Saluda	S	S 19 47 01.0 -3.7
Y55A	baz=326,SNR=13	S	S 19 35 36.4 -0.8
BIRD	comp=Z,21um,19.0s	P	P 19 35 37.3 -0.2
BIRD	Birtown, Kers	IAMS_20	IAMS_20 20 25 55.6
V59A	Middlesex	P	P 19 35 37.3 -0.2
V59A	baz=328,SNR=7.6	S	S 19 47 02.2 -3.2
CART	Cartagena	i Pdif	i Pdif 19 35 36.6 -1.1
CART	Cartagena	P	P 19 39 37.4 +0.6
EBNR	Benifached	P	P 19 35 42.1 +3.7
W58A	Raeford	P	P 19 35 37.9 -0.6
W58A	baz=328,SNR=5.7	S	S 19 47 02.7 -4.4
W58A	baz=328	S	S 19 47 02.7 -4.4
COI	Coimbra	eP	eP 19 35 39.4 +0.8
COI	Coimbra	ePP	ePP 19 39 40.5 +2.3
U61A	Possum Corner	P	P 19 35 37.3 -1.4
U61A	Possum Corner	IAMS_20	IAMS_20 20 24 40.5
X57A	Johnson Farm,	P	P 19 35 37.8 -1.0
X57A	Johnson Farm,	P	P 19 35 37.7 -1.1
PCBR	Castelo Branco	eP	eP 19 35 40.8 +2.0
PCBR	Castelo Branco	ePP	ePP 19 39 44.9 +6.4
ECHA	Castelo Branco	P	P 19 35 44.9 +6.4
154A	Montrose	IAMB	IAMB 19 35 37.6 -1.7
154A	comp=Z,162nm,1.6s	IAMS_20	IAMS_20 19 35 47.8
154A	comp=Z,15um,20.0s	IAMS_20	IAMS_20 20 23 10.2
352A	Blakely	IAMS_20	IAMS_20 20 27 52.6
V60A	Jim Taylor Roa	P	P 19 35 37.3 -2.1
V60A	Jim Taylor Roa	IAMS_20	IAMS_20 20 26 52.4
PCAS	Casmilo, Conde	eP	eP 19 35 39.6 +0.2
PCAS	Casmilo, Conde	ePP	ePP 19 39 41.1 +1.6
W59A	Clinton	P	P 19 35 37.8 -1.6
W59A	baz=328	S	S 19 47 04.3 -4.6
Y57A	Sumter	P	P 19 35 38.6 -1.3
Y57A	Sumter	IAMS_20	IAMS_20 20 26 14.0
X58A	comp=Z,23um,18.0s	P	P 19 35 38.0 -2.0
X58A	Rowland	S	S 19 47 06.0 -4.0
CNNC	Cliffs of the	P	P 19 35 38.8 -1.4
CNNC	Cliffs of the	IAMS_20	IAMS_20 20 25 31.2
Z56A	Williston	P	P 19 35 38.5 -1.9
Z56A	Williston	IAMS_20	IAMS_20 20 26 41.6
EANR	comp=Z,23um,18.0s	P	P 19 35 39.5 -1.0
PMRV	Marv???	eP	eP 19 35 41.1 +0.7
PMRV	Marv???	P	P 19 39 43.9 +2.6
PMRV	Marv???	eSKS	eSKS 19 46 18.3 -0.2
PMRV	Marv???	LQ	LQ 20 07 24.8
PMRV	Marv???	eLR	eLR 20 14 57.6
451A	Vernon	IAMS_20	IAMS_20 20 26 36.8
V61A	Roper	P	P 19 35 38.4 -2.2
V61A	Roper	IAMS_20	IAMS_

Table with columns for event name, time, location, and status. Includes events like MESJ, PTEO, MELI, PBDV, PBDV, PBDV, etc.

Table with columns for event name, time, location, and status. Includes events like FDF, FDF, FDF, FDF, FDF, etc.

Table with columns for event name, time, location, and status. Includes events like H03S2, H03S3, H03S3, H03S1, H03S1, etc.

Table with columns: CUPUP, Villa Florida, 160.15, 63, PKP, PKPdf, 19 41 59.8 +0.5

Table with columns: ILAR, Eielson Array, 49.08, 32, P, P, 19 37 00.0 +0.3

Table with columns: JIO, Ouri, 1.65, 328, P, Pn, 19 31 18.0 +0.4

IDC 11 19:28:10.9,0.8,36.91N:142.47E,h0km,mb4.4/1.5, mb1 4.7/1.8, mb1mx4.5/4.6, mbtmp4.5/1.8, ML4.1/3, Error ellipse: s-maj=21.1km s-min=17.8km az=135.0

comp=Z,39nm,1.4s 49.08 32 P P 19 37 00.0 +0.3

JIO Ouri 1.65 328 P Pn 19 31 18.0 +0.4

JMA 11 19:28:13.4,0.2,37.02N:142.38E,h24km,M4.7 JMA Feit J1

ARU comp=Z,133nm,1.7s 56.96 319 P P 19 37 59.4 +1.5

MAJO Matushiro 3.45 263 P Pn 19 31 43.5 +1.1

NEIC 11 19:28:14.2,2.1,36.91N:0.04:142.49E:0.09,h18km,3km, mb5.2/6.0, Error ellipse: s-maj=10.7km s-min=6.1km

WB0 Warramunga Arr 56.96 189 P Iamb Iamb 19 37 08.6 +1.2

MJBR Matsu-Tunnel 3.45 263 Pn Pn 19 31 43.0 +1.6

MOS 11 19:28:16.4,4.1,0.37:38N:142.32E,h34km,mb5.4/12, Error ellipse: s-maj=12.1km s-min=7.0km az=71.3

C36M Paulatuk 57.12 25 P P 19 37 59.1 +0.3

JHU Hachijo jima 2 4.50 210 Pn Pn 19 31 56.3 -0.4

ISC 11 19:28:11.0,2.7,36.99N:0.04:142.47E:0.05,h0km,16km, n135,off=83/146,mb5.1/0.10,1C-2D, Off east coast of Honshu

SAVW Sarautou 57.13 151 P P 19 37 59.1 -0.3

JHU 48nm,0.3s,baz=289,slow=22,SNR=1.9 Sn Sn 19 32 42.8 -4.0

Code Station Name Az° AZZ Phase ID Time Res h m s ISC

ASAJ Asahikawa 60.87 189 P P 19 38 23.7 -1.7

JKA Kamikawa-asahi 7.06 1 Pn Pn 19 32 32.7 +0.9

JFK Kawauchi 1.33 287 P Op ISC 19 28 35.4 -1.6

YKA Yellowknife Arr 64.32 30 P P 19 38 42.1 +0.1

JKA Kamikawa-asahi 7.06 1 Pn Pn 19 32 32.7 +0.9

ONAJ Iwakimizuishiy 1.35 275 P Pn 19 28 35.7 -1.4

FOR Forrest 68.75 193 P P 19 39 16.9 +0.3

RUSJ Misakicho 7.36 16 eS Pn 19 32 35.1 -0.9

ONAJ Iwakimizuishiy 1.35 275 P Pn 19 28 35.7 -1.4

FINES FINESS Array B 69.25 333 P P 19 39 18.6 -0.8

RUSJ Misakicho 7.36 16 eS Pn 19 32 35.1 -0.9

JMSJ Minamisoumatoc 1.46 301 P Pn 19 28 37.0 -1.7

PINE Pine Mountain 69.72 50 P Iamb Iamb 19 39 24.5 +1.5

GRPR Tuman 7.38 19 eS Pn 19 32 34.6 -1.7

JMSJ Minamisoumatoc 1.46 301 P Pn 19 28 37.0 -1.7

BMO Blue Mountains 71.34 48 P P 19 39 33.9 +1.2

GRPR comp=Z,148nm,0.8s pmax pmax 19 32 35.4 +4.1

JFJD Fukushimafurud 1.53 274 P Pn 19 28 38.7 -1.1

UOSS Minazir 72.63 288 P Iamb Iamb 19 39 40.5 -0.1

GRPR comp=N,137nm,0.3s pmax pmax 19 32 35.7 -1.4

JIKH Ishinomakikobu 1.55 329 P Pn 19 28 39.3 -0.9

HRH Holter Researc 73.40 44 P P 19 39 45.1 0.0

YUK Yuzh-Kuril'sk 7.44 19 I/S Pn 19 32 35.7 -1.4

JHO Hitachi 1.57 257 P Pn 19 28 39.7 -1.0

WAKR Walker 73.56 54 P P 19 39 47.7 +1.5

YUK Yuzh-Kuril'sk 7.44 19 I/S Pn 19 32 35.7 -1.4

JMM Marumori 1.60 304 P Pn 19 28 39.7 -1.0

LRM Limekiln Ridge 74.08 54 P P 19 39 49.7 +0.3

YUK comp=N,124nm,0.4s pmax pmax 19 32 36.2 +0.8

JMM Marumori 1.60 304 P Pn 19 28 39.7 -1.0

KVN Kaiserville 74.11 53 P P 19 39 49.7 +0.3

KUR Kuril'sk 9.13 25 I/P Pn 19 33 00.7 +0.4

JMH Hatuchinakayam 1.65 248 P Pn 19 28 40.6 -0.6

BOZ Bozeman (W) 74.18 45 P Pmax pmax 19 39 50.7 +1.0

KUR Kuril'sk 9.13 25 I/P Pn 19 33 00.7 +0.4

JMH Hatuchinakayam 1.65 248 P Pn 19 28 40.6 -0.6

NOA NORSAR Array B 74.56 338 P P 19 39 53.5 +2.1

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

JJO Ouri 1.72 329 P Pn 19 28 42.0 -0.2

YPP Pitche Stone 75.45 45 P P 19 39 59.3 +2.1

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

JFT Otama 1.79 288 P Pn 19 28 42.7 -0.5

R11A Troy Canyon, C 76.12 52 P P 19 40 01.7 +0.7

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

JFT Otama 1.79 288 P Pn 19 28 42.7 -0.5

BGU Big Grassy Mou 76.57 49 P P 19 40 02.1 +0.9

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

CHOU Choshi 1.83 226 P Pn 19 28 43.8 +0.1

TPNV Topopah Spring 76.52 54 P P 19 40 04.2 +0.9

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

JOM Ohasama 2.65 340 eS Pn 19 29 05.9 -1.6

DUG Dugway, Tooele 76.74 50 P P 19 40 05.5 +1.0

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

JOM Ohasama 2.65 340 eS Pn 19 29 05.9 -1.6

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

MJAR Matushiro Arr 3.45 264 Pn Pn 19 29 06.8 +0.7

MSU Marysvalve 78.16 51 P P 19 40 14.1 +1.6

YSS Yuzh-Sakhalins 9.89 1 Pn Pn 19 33 11.9 +1.1

IDC 11 19:34:03.4,1.6,36.86N:142.55E,h0km,mb4.0/0.5, mb1 4.1/1.8, mb1mx4.7/5.7, mbtmp4.0/1.8, ML3.7/3, Error ellipse: s-maj=36.5km s-min=21.9km az=72.0

NEIC 11 19:34:05.9,1.3,36.80N:0.04:142.6E:0.1,h1km,gkm, mb5.0/2, Error ellipse: s-maj=14.9km s-min=2.0km az=114.0

JMA 11 19:34:05.9,0.1,36.85N:142.42E,h35km,M4.0 JMA 11 19:34:05.0,1.1,36.84N:0.06:142.44E:0.10,h9km,n27, off=182/33,mb4.1/7, Off east coast of Honshu

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

JMA 11 19:51:25.2±0.2, 37.04N:142.52E, h22km, M3.6, NEIC 11 19:51:25.4±0.2, 36.94N:0108.142.6E±0.1, h18km, 5km, mb4.8/4, Error ellipse: s-maj=15.5km s-min=10.0km az=113.0

ISC 11 19:51:24.2±0.8, 37.02N:0105.142.52E±0.06, h9km, n33, ±131/41, Off east coast of Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 11 19:51:42.2±0.3, 36.99N:142.56E, h0km, mb3.6/3, mb1 3.77, mb1mx3.5/50, mbtmp3.77, ML3.4/4, Error ellipse: s-maj=45.4km s-min=25.8km az=139.0

JMA 11 19:51:45.3±0.3, 37.00N:142.42E, h25km, M3.7, ISC 11 19:51:42.5±1.2, 36.98N:0106.142.54E±0.08, h9km, n14, ±225/17, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

JMA 11 19:52:41.1±0.3, 37.04N:142.39E, h21km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

CRAAG 11 19:54:51.2±35.19N:077W, M2.8, CNRM 11 19:55:01.2±33.33N:137W, h13km, 15km, Error ellipse: s-maj=19.3km s-min=13.7km az=46.0

ISC 11 19:54:52.5±1.8, 35.35N:0109.936W±0.07, h4km, 16km, n8, ±189/13, Northern Algeria

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

SKHL 11 19:55:38.3±0.0, 48.00N:148.80E, h370km, 15km, mb4.8/6, msh45.0/4

MOS 11 19:55:39.2±1.0, 48.08N:148.63E, h386km, mb4.2/16, Error ellipse: s-maj=11.5km s-min=6.4km az=73.2

NEIC 11 19:55:40.9±1.5, 48.2N:01:148.53E±0.07, h381km, 9km, mb4.2/47, Error ellipse: s-maj=19.7km s-min=3.7km az=162.0

IDC 11 19:55:41.9±1.3, 47.19N:148.47E, h393km, 14km, mb3.5/16, mb1 3.72, mb1mx3.4/56, mbtmp3.4/24, Error ellipse: s-maj=16.1km s-min=10.6km az=150.0

ISC 11 19:55:39.5±0.5, 47.90N:0105.148.71E±0.06, h384km, n159, ±1957/175, mb4.2/50, 1C-7D, Northwest of Kuril Islands

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

Main table with columns: YAK, Station Name, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

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

IDC 11 19:56:32.3-0.9, 36.81N-142.49E, h0km, mb3.6/6, mb1.3/9.8, mb1mx3.70, mbtmp3.7/8, ML3.5/2, Error ellipse: s-maj=25.7km s-min=19.6km az=131.0

JMA 11 19:56:34.0-0.2, 36.98N-142.43E, h25km, 4km, M3.8, ISC 11 19:56:32.5-2.1, 36.98N-142.42E-0.04, h13km, 12km, n29, e129/35, mb3.6/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kawauchi, Iwakimizuishiy, Minamisumato, etc.

IDC 11 19:59:09.8-0.6, 36.84N-142.40E, h0km, mb4.1/20, mb1.4-3/25, mb1mx4.2/53, mbtmp4.1/25, ML4.0/4, Error ellipse: s-maj=44.3km s-min=13.9km az=121.0

JMA 11 19:59:10.7-0.3, 36.89N-142.39E, h17km, 4km, M5.0, JMA Felt 1 J1

NEIC 11 19:59:11.7-3.0, 36.87N-142.46E-0.09, h12km, 4km, mb4.7/56, Error ellipse: s-maj=10.3km s-min=8.4km az=107.0

BUI 11 19:59:12.1-0.0, 36.98N-142.19E, h21km, mb5.0/1, mb4.5/35

MOS 11 19:59:14.7-1.7, 37.09N-142.44E, h45km, mb4.6/10, Error ellipse: s-maj=8.0km s-min=5.4km az=95.6

ISC 11 19:59:11.8-2.7, 36.93N-142.46E-0.04, h13km, 17km, n182, e187/196, mb3.6/5, GC-9D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kawauchi, Iwakimizuishiy, Minamisumato, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHK Sagamiharawaka, JRG Ryogami hara, JKW Kuni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BILL Bilibino, KMI Kunming, KMI Kunming, etc.

11d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

11d 20:25:32.4-1.9, 36.88N-142.63E, h0km, mb3.6/4, mb1.3/7.8, mb1mx3.5/5.0, mbtmp3.7/8, ML3.5/4, Error ellipse: s-maj=40.6km s-min=23.6km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JMST Minamisoumatoc, etc.

11d 20:26:59.2-1.2, 36.92N-142.50E, h0km, mb3.8/7, mb1.3/9.10, mb1mx3.7/4.8, mbtmp3.8/10, ML3.7/3, Error ellipse: s-maj=31.2km s-min=20.9km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JMST Minamisoumatoc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRs Korea Array, H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, MKR Kurkchatov, etc.

11d 20:27:28.8-1.9, 36.85N-142.35E, h0km, mb3.9/2, mb1.4/1.5, mb1mx3.6/4.7, mbtmp4.0/5, ML3.7/3, Error ellipse: s-maj=47.6km s-min=29.6km az=100.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, JHJ Hachioji jima 2, ASAJ Asahikawa, etc.

11d 20:27:44.3-6.8, 7.87S-119.04E, h0km, mb3.9/2, mb1.3/9.4, mb1mx3.4/4.4, mbtmp3.7/4, ML3.2/2, Error ellipse: s-maj=166.5km s-min=24.3km az=84.0, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AMGA Amorgos Island, KOSK Kos Island, ANAF Anafi Island, etc.

11d 20:27:00.4-1.1, 36.87N-142.5E, h1.0km, 4km, mb4.4/2, Error ellipse: s-maj=14.2km s-min=7.1km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APE Apeiranthos, THR3 Thira Island, CMBO Columbo, Santo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAP3 Santorini-Akro, SAPI Santorini-Akro, THR6 Thira Island, etc.

11d 20:29:42.2-0.9, 36.95N-142.40E, h21km, 4km, ML3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMST Minamisoumatoc, etc.

11d 20:49:24.2-0.9, 7.5S-120.0E, h562km, 1.9km, M3.9/13, mb3.9/4, MLV3.9/13

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EDFI Ende, WSI Waingapu, KAPI Kappang, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMST Fukushimafurud, JFD Hitachi, JHO Hitachinakayam, etc.

IDC 11 21:15:45.9, 5.2, 37.69S; 178.88W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/25, mbtm3.6/7, ML3.2/4, Error ellipse: s-maj=238.0km s-min=60.1km az=160.0, South of Kermadec Islands

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

IDC 11 21:25:21.6, 1.9, 36.91N; 142.64E, h0km, mb3.5/3, mb1 3.6/7, mb1mx3.4/58, mbtm3.6/7, ML3.2/4, Error ellipse: s-maj=35.3km s-min=25.5km az=77.0

JMA 11 21:25:24.0, 0.2, 36.91N; 142.43E, h20km, MB3.6, ISC 11 21:25:22.9, 1.2, 36.91N; 0.05:142.49E, 0.107, h9km, n27, s159/31, mb3.5/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JMST Minamisomatoc, etc.

GCG 11 21:40:49.3, 0.5, 13.27N; 91.56W, h35km, 72km, MD4.1, NEIC 11 21:40:49.2, 2, 13.36N; 0.09:91.58W, 0.06, h10km, 1km, mb4.0/5, Error ellipse: s-maj=16.3km s-min=8.3km az=203.0

IDC 11 21:40:50.1, 4.1, 13.89N; 91.02W, h0km, mb3.6/2, mb1 4.0/4, mb1mx3.6/36, mbtm3.6/4, ML3.7/2, Error ellipse: s-maj=184.5km s-min=43.6km az=36.0

UCR 11 21:40:52.1, 2.3, 13.46N; 91.60W, h35km, ML3.6, mb4.0(NEIC)

SNET 11 21:40:52.1, 1.6, 13.65N; 91.37W, h35km, 7km, ML3.7, ISC 11 21:40:50.2, 2.2, 13.52N; 0.08:91.50W, 0.05, h1km, 12km, n50, s109/63, mb3.9/4, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERG Entres ros, RTAL Retalhuleu, RTAL Retalhuleu, etc.

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

NEIC 11 21:42:45.8, 1.4, 20.3S; 0.1:178.2W; 0.1, h549km, 6km, mb4.4/57, Error ellipse: s-maj=15.6km s-min=14.9km az=146.0

IDC 11 21:42:50.2, 5.2, 20.23S; 178.30W, h593km, 29km, mb3.5/17, mb1 3.7/19, mb1mx3.6/37, mbtm4.5/19, Error ellipse: s-maj=17.8km s-min=13.8km az=156.0

ISC 11 21:42:49.1, 0.4, 20.31S; 0.07:178.31W; 0.008, h587km, n150, s103/137, mb4.3/44, 16C-7D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, RAO Raoul Island, AFJ Afiamau, etc.

ARMA Armidale 28.89 244 P P 21 48 02.3 +0.2 ARMA Armidale 28.89 244 P P 21 48 04.4

CTAO Charters Town 33.22 264 P P 21 48 39.4 +0.4 CTAO Charters Town 33.22 264 P P 21 48 40.3

COEN Coen 37.28 274 P P 21 49 12.8 +0.1 COEN Coen 37.28 274 P P 21 49 13.9

STKA Stephens Creek 37.61 244 P P 21 49 16.4 +1.2 STKA Stephens Creek 37.61 244 P P 21 49 15.8 +0.6

BBOO Buckleboob 42.37 243 P P 21 49 53.0 +0.0 BBOO Buckleboob 42.37 243 P P 21 49 53.0

JAY Japayura 43.70 289 P P 21 50 04.6 +0.8 JAY Japayura 43.70 289 P P 21 50 07.2 +0.1

AS31 Alice Springs 44.28 257 P P 21 50 08.8 +0.7 ASAR Alice Springs 44.28 257 P P 21 50 08.7 +0.6

WB2 Warramunga Arr 44.33 262 P P 21 50 08.5 +0.2 WB2 Warramunga Arr 44.33 262 P P 21 50 09.2

WRAB Tennant Creek 44.34 262 P P 21 50 07.8 -0.7 WRAB Tennant Creek 44.34 262 P P 21 50 09.2

WRA Warramunga Arr 44.34 262 P P 21 50 08.5 -0.1 WRA Warramunga Arr 44.34 262 P P 21 50 08.5

MTN Mantion Dam 48.87 270 P P 21 50 42.9 +0.2 KNRA Kununurra 50.38 266 P P 21 50 53.9 +0.1

VNDA Vanda 58.08 185 P P 21 51 48.6 +2.0 VNDA Vanda 58.08 185 P P 21 51 48.6

QJSA South Pole Qui 69.78 180 P P 21 53 02.5 +1.5 MPSA Matushihiro Arr 69.88 324 P P 21 53 01.8 -0.3

IDC 11 21:04:01.2, 1.8, 36.92N; 142.51E, h0km, mb3.6/4, mb1 3.7/7, mb1mx3.5/37, mbtm3.7/7, ML3.4/3, Error ellipse: s-maj=44.4km s-min=23.3km az=75.0

JMA 11 21:04:04.7, 0.2, 36.92N; 142.23E, h38km, MB3.6, ISC 11 21:04:01.5, 2.1, 36.92N; 0.05:142.25E, 0.08, h3km, 12km, n21, s159/30, mb3.6/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JMST Minamisomatoc, etc.

11d 21h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MK31, MKAR, MAUK, CHAK, KURK, etc.

IDC 11 21:57:58.6:1.5, 40.68N:15.35E, h0km, mb3.2/4, mb1 3.5/6, mb1mx3/3/36, mbmp3/4/6, ML3.6/2, Error ellipse: s-maj=4.17km s-min=18.9km az=100.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SRN3, SRN3, CDRU, CDRU, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SCL3, SCL3, VDS3, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRLC, MRLC, MRLC, etc.

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

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AMUR, AMUR, AMUR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like LSTV Lastovo, AIO Antillo, MPAAZ Palizzi, STON Ston, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JKA Kawauchi, JFM Minamisoumatoc, etc.

SONM Sogino Array 28.54 304 P P 22 04 41.6 +0.1
MKAR Makanchi Array 44.88 302 P P 22 07 01.1 +0.8
WRA Warramunga Arr 57.01 189 P P 22 08 32.2 +0.6

NEIC 11 22:12.2:12.0:4.51:87N:0:09:178:4E:0:1, h114km, 4km, Error ellipse: s-maj=13.3km s-min=8.4km az=207.0
AEIC 11 22:12.2:13.0:7.51:88N:0:08:178:4E:0:0, h110km, 3km, ML3.0, Error ellipse: s-maj=11.4km s-min=6.5km az=180.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSPA Little Sitkin, etc.

ISK 11 22:14:02.3:41:78N:35:93E, h13km, ML3.4/7
DDA 11 22:14:02.3:41:67N:35:80E, h8km, 2km, ML3.5
ISC 11 22:14:02.1:3:41:76N:0:04:35:94E:0:03, h14km, 10km, n1, 0:08:6/45, Turkey

ISC 11 22:18:08.6:8.8:6:39S:125:12E, h442km, 121km, mb3.2/5, mb1 2.9/7, mb1mx2.7/44, mbmtpp3.7/7, Error ellipse: s-maj=62.5km s-min=41.6km az=66.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Sogino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like BSO1 Kaneyama, JYK Ohasama, JOM Matsuhiro, etc.

ISC 11 22:26:31.1:2.2:36:88N:142:64E, h0km, mb3.6/2, mb1 3.6/5, mb1mx3.4/41, mbmtpp3.6/5, ML3.2/3, MS4.2/2, Ms1 4.2/2, ms1mx3.5/42, Error ellipse: s-maj=39.3km s-min=29.0km az=88.0
JMA 11 22:26:32.8:0.3:36:91N:142:44E, h14km, M3.6
ISC 11 22:26:33.2:1.3:36:88N:0:04:142:35E:0:08, h9km, n25, r15:30/O, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JKA Kawauchi, JFM Minamisoumatoc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, h, m, s, ISC. Includes stations like ENA Nanau, ENA baz=286, TWC Suao, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSRs Korea Array, TIA Tainan, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEP Cherat, THW Thamme Wali, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MESJ Messejana, PMAFR Mafr, PMAFR Mafr, etc.

IDC 11 22:45:17.0,2.8,30.17Sx178.91W,h335km,14km,mb3.5/3, mb1 3.7/3,mb1mx3.1/31,mbtmp4.2/3,Error ellipse: s-maj=130.0km s-min=20.3km az=158.0

ISC 11 22:45:16.1-0.7,29.84S,0.08,179.3W,0.1,h300km,n33, az=233/40,mb3.9/3,Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, GRZ Great Barrier, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSRs Korea Array, AKAS Malin Array B, AKBB Malin Array Si, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMRV Marv???, PCBR Castelo Branco, PCBR Castelo Branco, etc.

NDI 11 23:05:09.8,0.5,31.57N;87.84E,h18km,28km,ML3.7, mb4.1/NEIC

NEIC 11 23:05:23.2,6.30,94N,0.10,86.39E,0.06,h12km,4km, mb4.1/27,Error ellipse: s-maj=14.0km s-min=7.5km az=190.0

IDC 11 23:05:23.0,2.8,31.02N;86.57E,h0km,mb3.8/14, mb1 3.9/16,mb1mx3.8/35,mbtmp3.8/16,ML3.6/2,Error ellipse: s-maj=25.1km s-min=16.0km az=44.0

BUI 11 23:05:23.8,0.0,31.05N;86.82E,h6km,mb4.4/19, ISC 11 23:05:24.0,0.5,30.92N;0.06,86.50E,0.05,h10km,n73, az=1585/71,mb3.9/21,6C-2D,Xizang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LSA Lhasa, BOK Bokaro, SHL Shillong, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDD 11 23:17:50.2,1.4,36.90N;11.12W,h0km,mbL2.6/12, Error ellipse: s-maj=12.5km s-min=9.6km az=53.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EADA Eadad, ELOB Lobos, PGAV Gaveira, Arco, etc.

IDC 11 23:22:13.9,1.1,2.2,36.93N;142.83E,h0km,mb3.4/4, mb1 3.6/6,mb1mx3.4/31,mbtmp3.5/6,ML2.9/2,Error ellipse: s-maj=46.3km s-min=27.2km az=57.0

JMA 11 23:22:17.4,0.3,36.92N;142.27E,h36km,mb3.4, ISC 11 23:22:13.9,1.1,2.2,36.93N;0.05,142.41E,0.08,h9km,n27,

IDC 11 23:22:13.9,1.1,2.2,36.93N;142.83E,h0km,mb3.4/4, mb1 3.6/6,mb1mx3.4/31,mbtmp3.5/6,ML2.9/2,Error ellipse: s-maj=46.3km s-min=27.2km az=57.0

12d 2h

ISC 12 01:29:06.8,0.9,37.08N,0.05:142.51E,0.07,h9km,n40,
c1529/48,mb4.0/10, Off east coast of Honshu

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

IDC 12 01:35:01.4, 1.0, 14.14N, 51.82E, h0km, mb3.8/2.1,
mb1 3.9/22, mb1mx3.8/41, mb1mp3.8/22, ML3.7/1, MS3.6/20,
Ms1 3.6/20, ms1mx3.4/38, Error ellipse: s-maj=21.4km
s-min=17.1km az=9.0

NEIC 12 01:35:02.9, 2.2, 14.18N, 0.07:51.91E, 0.05, h10km, 1km,
mb4.3/15, Error ellipse: s-maj=13.3km s-min=6.6km
az=201.0

OMAN 12 01:35:06.7, 0.5, 14.45N, 51.88E, h19km, mb5.4/8, ml4.3/4,
Error ellipse: s-maj=16.9km s-min=5.4km az=124.0

ISC 12 01:35:04.0, 4.7, 14.32N, 0.09:51.89E, 0.08, h15km, n73,
c1559/75, mb4.0/37, MS3.5/18, Eastern Gulf of Aden

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

25.40 35 P Iamb P 01 40 30.2 -1.5

Table with columns: KBL, Kabul, 25.40 35 P Iamb P 01 40 30.2 -1.5. Lists various seismic stations and their recorded data.

MAN 12 02:05:43.6, 9.88N, 124.09E, h2km, mb4.2, ML3.0, MS2.6,
Mindanao

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

IDC 12 02:11:47.5, 0.7, 26.96S, 176.71W, h0km, mb4.1/7,
mb1 4.4/7, mb1mx4.1/28, mb1mp4.1/7, ML5.2/1, MS3.6/13,
Ms1 3.6/13, ms1mx3.3/34, Error ellipse: s-maj=29.9km
s-min=19.5km az=127.0

NEIC 12 02:11:52.6, 0.6, 27.01S, 0.09:176.6W, 0.1, h35km, n56,
c1507/43, mb4.3/13, MS3.7/14, Kermadec Islands region

570

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

IDC 12 02:28:15.6, 6.2, 26.87S, 178.94E, h539km, 76km, mb3.4/5,
mb1 3.5/6, mb1mx3.2/25, mb1mp4.4/6, Error ellipse:
s-maj=54.0km s-min=35.2km az=56.0, South of Fiji
Islands

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

NEIC 12 02:48:58.8, 32.53N, 109.10W, h12km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mr=0.01;
Ms=2.58; Mw=2.58; Mo=0.27; Mw-1.16; Mr-0.04; Fault
plane solution: Mo2.84000x10^14 NP1=32.76000°,
delta86.86000°, lambda3.67000°. NP2=123.03000°,
delta34.000°, lambda175.85000°. Principal axes: T 2.823, Pkg0.000°,
Az=258.000°; N 0.0194, Pkg4.000°, Az=164.000°; P
0.28517, Pkg0.000°, Az=348.000°;

NEIC 12 02:48:58.7, 1.4, 32.53N, 0.06:109.11W, 0.06, h5km, 2km,
Mw3.6/15 Error ellipse: s-maj=10.0km s-min=8.5km
az=165.0

IDC 12 02:48:59.3, 1.8, 32.63N, 109.15W, h10km, 16km,
mb1 3.4/4, mb1mx3.2/38, mb1mp3.0/4, ML3.3/4, Error
ellipse: s-maj=15.3km s-min=6.4km az=32.0

ISC 12 02:48:59.1, 0.9, 32.70N, 0.06:109.16W, 0.03, h10km, n73,
c1970/78, Eastern Arizona

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like W13A Hualapai Mount, Y12C Blythe, GLA Glamis, etc.

SNET 12 02:55:57.7±0.9, 14:41N:92:13W, h61km, 6km, ML3.3
MEX 12 02:55:57.1±0.8, 14:52N:91:91W, h83km, 8km, MD3.9
GCG 12 02:56:09.2±0.3, 14:26N:91:31W, h30km, 3km, MD4.2

ISC 12 02:55:57.8±1.5, 14:42N:0:08:92:16W±0.06, h63km±11km, n19, r110/28, Near coast of Chiapas

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

NIED 12 02:58:46.8, 37:06N:142:60E, h37km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^11Nm;
M1:1.65; M2:0.07; M3:1.58; M4:0.63; M5:0.51; M6:0.07;
Fault plane solution: N1: 81.0000°x101° NP1:
0±216.0000°, 850.0000°, λ-65.0000°; NP2:
0±359.0000°, 846.0000°, λ-117.0000°.

JMA 12 02:58:46.8±0.3, 37.06N:142:60E, h37km, M3.5, Off east coast of Honshu

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

NEIC 12 03:07:29.1±2.0, 14:22N:0:1:93:08W±0:09, h6km, 6km,

mb4.2/6, Error ellipse: s-maj=19.1km s-min=8.6km az=209.0

IDC 12 03:07:31.0±4.2, 14:53N:93:02W, h0km, mb3.7/2, mb1 3.9/5, mb1mx3.6/36, mbmp3.6/5, ML3.6/3, Error ellipse: s-maj=74.7km s-min=42.8km az=16.0

ISC 12 03:07:30.4±1.8, 14:3N:0:2:93:02W±0:09, h10km, n15, r116/16, mb4.0/4, Near coast of Chiapas

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

IDC 12 03:09:59.8±4.1, 29:31S:177:04W, h49km±23km, mb3.6/2, mb1 3.8/2, mb1mx3.4/35, mbmp3.8/2, Error ellipse: s-maj=48.0km s-min=42.9km az=146.0, 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, ASAR Alice Springs, etc.

IDC 12 03:21:46.7±6.2, 32:52S:179:19W, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.6/33, mbmp3.8/2, MS3.4/1, Ms1 3.4/1, ms1mx2.6/26, Error ellipse: s-maj=312.2km s-min=47.1km az=162.0, South of Kermadec Islands

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

IDC 12 03:22:21.8±1.6, 1:19S:13:42W, h0km, mb4.1/7, mb1 4.3/8, mb1mx3.9/36, mbmp4.1/8, ML3.8/1, MS3.9/16, Ms1 3.9/16, ms1mx3.8/21, Error ellipse: s-maj=65.5km s-min=30.2km az=113.0

NEIC 12 03:22:23.9±1.9, 1:58S:0:08:12:5W±0:1, h10km, 1km, mb4.6/17, Error ellipse: s-maj=19.4km s-min=12.2km az=290.0

ISC 12 03:23:23.8±0.8, 1:58S:0:09:12:5W±0:1, h10km, n61, r22/250, mb4.4/24, MS3.9/16, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N1 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MYKA Terra Mystica, OBKA Obir, SOKA Sobob, etc.

IDC 12 03:22:26.1±0.8, 36:93N:142:38E, h0km, mb3.8/12, mb1 4.1/15, mb1mx3.9/48, mbmp3.9/15, ML3.9/3, MS3.1/1, Ms1 3.1/1, ms1mx2.4/34, Error ellipse: s-maj=20.2km s-min=17.0km az=114.0

JMA 12 03:22:27.4±0.3, 36:97N:142:40E, h32km, M4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^11Nm;
M1:1.62; M2:1.40; M3:1.36; M4:1.14; M5:0.52; M6:0.19;
Fault plane solution: N1: 61.0000°x101° NP1:
0±204.0000°, 849.0000°, λ-87.0000°; NP2:
0±100.0000°, 843.0000°, λ-93.0000°.

NEIC 12 03:22:31.1±2.8, 37:04N:0:07:142:3E±0:1, h33km, 6km, mb4.2/7, Error ellipse: s-maj=14.8km s-min=8.8km az=114.0

ISC 12 03:22:26.6±3.3, 37:01N:0:05:142:37E±0:06, h3km, n55, r146/54, mb3.9/14, Off east coast of Honshu

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

12d 5h

V60A	Albert Glenn T	24.27	28	P	P	05 15 39.9	-2.1
V56A	Mocksville	24.27	23	P	P	05 15 40.1	-1.9
CCM	Cathedral Cave	24.34	1	P	P	05 15 40.3	-2.3
CCM	Cathedral Cave	24.34	1	P	P	05 15 40.4	-2.3
CCM	Cathedral Cave	24.34	1	P	P	05 15 40.3	-2.3
U54A	Nelsons Funny	24.45	19	P	P	05 15 43.5	-0.3
ATAH	Atahualpa	24.47	147	LR	LR	05 24 16.9	
BNM	Barren Site	24.54	329	P	P	05 15 45.8	+1.0
V57A	Coltrane Farms	24.62	24	P	P	05 15 43.4	-1.7
U55A	TA2, Sparta	24.70	21	P	P	05 15 44.7	-1.3
W60A	Pink Hill	24.78	28	P	P	05 15 46.4	-0.3
U56A	King	24.79	22	P	P	05 15 45.5	-1.3
U56A	King	24.79	22	P	P	05 15 49.0	
V58A	Windy Hill, Pi	24.80	25	P	P	05 15 44.9	-2.0
V58A	Windy Hill, Pi	24.80	25	P	P	05 15 47.8	
SJG	San Juan	24.93	76	LR	LR	05 26 36.0	
WCI	Wyandotte Cave	24.97	10	P	P	05 15 46.3	-2.1
WCI	Wyandotte Cave	24.97	10	P	P	05 15 45.7	-2.6
T54A	Tazewell	25.03	19	P	P	05 15 49.2	+0.2
ANMO	Albuquerque	25.09	330	P	P	05 15 50.8	+1.1
ANMO	Albuquerque	25.09	330	P	P	05 15 51.1	+1.4
ANMO	Albuquerque	25.09	330	P	P	05 15 52.6	+2.9
V59A	Middlesex	25.14	26	P	P	05 15 47.7	-2.2
U57A	Blanch	25.27	24	P	P	05 15 49.5	-1.5
Q44A	Meyer Farm, Va	25.29	5	IAMB	IAMB	05 16 07.4	
TUC	Tucson	25.54	320	P	P	05 15 56.0	+2.3
TUC	Tucson	25.54	320	P	P	05 15 55.6	+2.0
P40A	Paris	25.81	359	IAMB	IAMB	05 15 55.4	
T25A	Trinidad	26.05	336	P	P	05 16 00.1	+1.8
P46A	Rosedale	26.20	8	IAMB	IAMB	05 16 00.2	
U61A	Pendleton	26.21	27	P	P	05 15 58.0	-1.6
Q50A	Peebles	26.26	15	IAMB	IAMB	05 16 09.2	
T59A	Double "B" Far	26.46	26	P	P	05 15 59.9	-1.9
T59A	Double "B" Far	26.46	26	P	P	05 16 01.3	-0.6
Q52A	Bidwell	26.58	17	P	P	05 16 01.1	-1.8
SDCO	Great Sand Dun	27.00	335	P	P	05 16 08.4	+1.3
Q54A	Coxs Mills	27.02	19	IAMB	IAMB	05 16 05.3	-1.6
Q54A	Coxs Mills	27.02	19	IAMB	IAMB	05 16 15.4	
P53A	Whipple	27.31	18	P	P	05 16 08.0	-1.6
S22A	4UR Ranch, Cre	27.56	333	P	P	05 16 14.9	+2.8
S22A	4UR Ranch, Cre	27.56	333	P	P	05 16 14.0	+1.8
O51A	Pattakala	27.60	15	P	P	05 16 10.2	-1.9
P54A	Burton	27.70	19	P	P	05 16 11.5	-1.4
O52A	Adamsville	27.77	16	P	P	05 16 11.3	-2.4
O52A	Adamsville	27.77	16	IAMB	IAMB	05 16 12.8	
WU4Z	Wupatki	28.12	324	P	P	05 16 18.3	+1.3
WU4Z	Wupatki	28.12	324	P	P	05 16 19.6	+2.6
O54A	Avela	28.16	18	P	P	05 16 16.2	-1.7
O54A	Avela	28.16	18	IAMB	IAMB	05 16 17.6	
N53A	Lisbon	28.70	17	P	P	05 16 19.8	-2.1
N53A	Lisbon	28.70	17	P	P	05 16 20.6	-1.2
PV13	Radium Mtn., P	28.80	331	IAMB	IAMB	05 16 45.3	
PV05	Paradox Valley	28.87	331	IAMB	IAMB	05 16 34.0	
PV18	Skein Mesa, Pa	28.91	331	IAMB	IAMB	05 16 28.5	
PV12	Saucer Basin,	28.92	331	IAMB	IAMB	05 16 33.9	
PV17	East Wray Mesa	28.96	331	P	P	05 16 25.6	+1.0
PV17	East Wray Mesa	28.96	331	IAMB	IAMB	05 16 33.9	
PV04	Paradox Valley	29.03	331	IAMB	IAMB	05 16 28.9	
N54A	Moraine State	29.09	18	P	P	05 16 23.5	-1.9
N54A	Moraine State	29.09	18	IAMB	IAMB	05 16 34.0	
PV23	Carpenter Ridg	29.13	331	IAMB	IAMB	05 16 35.3	
W13A	Hualapai Mount	29.32	321	P	P	05 16 30.3	+2.6
NNA	Nana	29.38	149	LR	LR	05 26 05.5	
KNB	Kanab	30.00	325	P	P	05 16 36.6	+2.8
O20A	White River Ci	30.16	334	IAMB	IAMB	05 16 39.0	
MTPU	Mount Pierson	30.40	327	P	P	05 16 39.7	+2.2
Q16A	Castle Valley	30.54	329	P	P	05 16 40.8	+2.3
CCUT	Cedar City	30.69	325	P	P	05 16 42.4	+2.5
MSU	Marysville	30.74	327	P	P	05 16 43.2	+2.9
WVNY	West Valley, N	30.83	19	P	P	05 16 39.6	-1.2
WVNY	West Valley, N	30.83	19	IAMB	IAMB	05 16 50.6	
L52A	Greenwood	30.94	21	P	P	05 16 39.8	-1.9
J56A	Paris	31.05	16	P	P	05 16 40.2	-2.4
RWWY	Rawlins	31.07	337	IAMB	IAMB	05 16 50.2	
I51A	Listowel	31.44	15	P	P	05 16 43.7	-2.3
K56A	Middlesex	31.52	20	P	P	05 16 45.0	-1.8
BINY	Binghamton	31.56	23	P	P	05 16 46.0	-1.2
PSUT	Pine Spring	31.66	326	P	P	05 16 50.1	+1.7
K57A	Scipio Center	31.83	21	P	P	05 16 47.5	-2.1
L59A	Walton	31.91	24	P	P	05 16 49.0	-1.3
K58A	Earville	32.17	22	P	P	05 16 50.5	-2.1
J56A	Wolcott	32.19	21	P	P	05 16 50.7	-1.9
MPMC	Manual Propsec	32.20	319	P	P	05 16 56.8	+3.7
DUG	Dugway, Toele	32.33	329	P	P	05 16 57.3	+3.1
COWI	Conover	32.45	3	IAMB	IAMB	05 16 53.7	
R11A	Troy Canyon, C	32.51	324	P	P	05 16 58.1	+2.3
J57A	Williamstown	32.60	21	P	P	05 16 54.3	-2.0
J57A	Williamstown	32.60	21	IAMB	IAMB	05 16 54.7	
GRAC	Grapevine Rang	32.69	320	P	P	05 16 59.3	+2.0

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I55A	Frankford	32.76	19	P	P	05 16 55.4	-2.2
H53A	Bobcaygeon	32.81	17	P	P	05 16 55.9	-2.3
J58A	Remsen	32.82	22	P	P	05 16 56.3	-1.9
J58A	Remsen	32.82	22	IAMB	IAMB	05 16 57.1	
HWUT	Hardware Ranch	32.82	332	P	P	05 16 58.9	+0.3
HWUT	Hardware Ranch	32.82	332	IAMB	IAMB	05 17 02.5	
PDAR	Pinedale Array	32.90	335	P	P	05 16 59.3	+0.1
PDAR	Pinedale Array	32.90	335	PcP	PcP	05 19 44.2	+0.8
PDAR	Pinedale Array	32.90	335	ScP	ScP	05 23 31.5	+5.8
YES	Vestal, Richgr	33.11	317	P	P	05 17 03.8	+3.0
H55A	Tweed	33.21	19	P	P	05 16 59.0	-2.6
I58A	Old Forge	33.22	22	P	P	05 16 59.5	-2.2
G53A	Haliburton	33.30	17	P	P	05 16 59.4	-3.0
J60A	Lant Hill Farm	33.34	25	P	P	05 17 03.0	-0.7
AHID	Auburn Hatcher	33.55	334	IAMB	IAMB	05 17 07.5	
H56A	Elgin	33.55	20	P	P	05 17 02.8	-1.8
G54A	Lake Saint Pet	33.70	17	P	P	05 17 02.1	-3.9
F52A	Sundridge	33.73	16	P	P	05 17 03.2	-2.9
NCB	Newcomb	33.74	23	IAMB	IAMB	05 17 19.6	
D46A	Sault St. Mari	33.78	9	P	P	05 17 03.5	-3.1
SNOW	Snow King Moun	33.97	335	P	P	05 17 09.8	+1.2
E50A	Wahnapitae	33.97	14	P	P	05 17 05.3	-2.9
ELK	Elko	33.99	327	P	P	05 17 11.3	+2.6
ELK	Elko	33.99	327	IAMB	IAMB	05 17 17.6	
G55A	Catalogue	33.99	19	P	P	05 17 06.3	-2.0
I60A	Shoreham	33.99	24	P	P	05 17 07.1	-1.3
H58A	Gabriels	34.14	23	P	P	05 17 07.6	-2.1
LONY	Lake Ozonia	34.16	22	P	P	05 17 07.7	-2.2
MDBP	Devils Postpil	34.16	319	IAMB	IAMB	05 17 12.8	+2.5
MDBP	Devils Postpil	34.16	319	IAMB	IAMB	05 17 18.3	
NVAR	Minna Array Bea	34.17	321	P	P	05 17 11.6	+1.3
NVAR	Minna Array Bea	34.17	321	PcP	PcP	05 19 48.1	+1.0
NVAR	Minna Array Bea	34.17	321	LR	LR	05 32 53.2	
ALGO	Algonquin Park	34.22	17	P	P	05 17 07.7	-2.7
E51A	G1948 Merrick	34.37	15	P	P	05 17 07.5	-4.2
IMW	Indian Meadow	34.40	335	P	P	05 17 14.4	+2.1
IMW	Indian Meadow	34.40	335	IAMB	IAMB	05 17 25.1	
KVN	Kaiserville	34.44	32	P	P	05 17 14.7	+2.0
KVN	Kaiserville	34.44	32	IAMB	IAMB	05 17 22.8	
PTGA	Pittinga	34.49	112	P	P	05 17 13.7	+0.6
ORIO	Orleans, Innes	34.52	20	P	P	05 17 10.7	-2.6
F55A	Otter Lake	34.52	19	P	P	05 17 11.7	-2.2
E53A	Dumoine, Ponti	34.72	17	P	P	05 17 12.0	-2.8
AGMM	Agassiz Nation	34.75	355	P	P	05 17 14.1	-0.9
H60A	Mostown	34.83	24	P	P	05 17 14.5	-1.1
E54A	Lac Duplat, Po	34.91	18	P	P	05 17 13.9	-2.5
D51A	Lot 18 Range I	34.92	15	P	P	05 17 13.3	-3.2
D52A	ZEK Kipawa Sen	35.06	16	P	P	05 17 15.1	-2.6
G59A	Clarenceville	35.08	23	P	P	05 17 15.1	-2.6
CMB	Columbia Colle	35.23	319	P	P	05 17 22.2	+2.9
E55A	Montcerf-Lyto	35.27	19	P	P	05 17 16.7	-2.7
D53A	Lac Vavice, Po	35.35	17	P	P	05 17 18.0	-2.2
D53A	Lac Vavice, Po	35.35	17	IAMB	IAMB	05 17 19.2	
HLID	Hailey	35.66	331	P	P	05 17 24.3	+1.2
HLID	Hailey	35.66	331	P	P	05 17 24.2	+1.1
HLID	Hailey	35.66	331	IAMB	IAMB	05 17 32.0	
E56A	St. Veronique	35.68	20	P	P	05 17 20.8	-2.2
D54A	Lac Fusel, La	35.72	18	P	P	05 17 20.7	-2.5
MCMT	McKenzie Canyo	35.96	334	P	P	05 17 27.1	+1.4
D55A	Sainte Anne du	35.96	19	P	P	05 17 23.1	-2.3
E58A	La Victoria	36.14	22	P	P	05 17 24.6	-2.2
F60A	Warwick	36.29	23	P	P	05 17 25.8	-2.4
D57A	Chemin Vers le	36.48	21	P	P	05 17 27.7	-2.1
G63A	Kingsbury	36.55	27	P	P	05 17 28.4	-2.1
ULM	Lac du Bonnet	36.69	355	LR	LR	05 36 50.8	
E60A	Ste Agathe de	36.82	24	P	P	05 17 30.0	-2.6
D58A	Chemin du LacG	36.90	21	P	P	05 17 30.8	-2.6
WVOR	Wild Horse Val	36.99	326	IAMB	IAMB	05 17 43.7	
LATQ	La Tuque	37.18	21	P	P	05 17 33.9	-1.9
EGMT	Eagleton	37.46	340	P	P	05 17 37.8	-0.5
J08A	Circle Bar Ran	37.54	327	P	P	05 17 39.7	+0.7
J08A	Circle Bar Ran	37.54	327	IAMB	IAMB	05 17 48.0	
LP4Z	La Paz	37.74	141	P	P	05 17 40.0	-1.5
LP4Z	La Paz	37.74	141	P	P	05 17 40.7	-0.8
MSO	Missoula	38.02	335	P	P	05 17 43.6	+0.6
MSO	Missoula	38.02	335	P	P	05 17 44.6	+1.6
MSO	Missoula	38.02	335	IAMB	IAMB	05 17 49.1	
D62A	Allapoint, All	38.36	25	P	P	05 17 43.5	-2.2
I07A	Ize	38.58	327	IAMB	IAMB	05 17 55.7	
CHGO	Chibougamau	38.86	18	P	P	05 17 54.5	-3.5
L04D	Klamath Falls	38.92	323	P	P	05 17 51.4	+0.7
MNMC	Minnye Minye	39.14	146	P	P	05 17 52.6	-0.2
PINE	Pine Mountain	39.15	326	P	P	05 17 54.8	+2.1
PINE	Pine Mountain	39.15	326	IAMB	IAMB	05 17 56.5	
J04D	Ump						

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like Rodopos, Agia Marina, Artemida-Makis, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like SJA, NEIC, GUC, ID, ISC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like TA02, TA01, TA01, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like CPUP, CPUP, CPUP, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like PDAR, NVAR, YNE, etc.

NEIC 12 07:15:41.5:0.7, 5.2N:0.1, 9.48E:0.1, h68km, 9km, mb4.4/10, Error ellipse: s-maj=20.9km s-min=12.7km

IDC 12 07:15:58.5: 14.0, 5.1N:0.95:28E, h219km, 131km, mb3.4/6, m1 3.5/7, mb1mx3.1/49, mbtmp3.9/7, Error ellipse: s-maj=133.0km s-min=15.4km az=56.0

ISC 12 07:15:43.4:2.8, 5.5N:0.2:95.0E:0.3, h100km, n25, s145/11, mb4.2/12, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like LHMI, RPSI, KULI, etc.

IDC 12 07:16:36.5:5.5, 45.23N:98.58E, h0km, mb3.8/1, m1 3.6/6, mb1mx3.3/60, mbtmp3.5/6, ML3.1/5, MS2.9/9, Ms1 2.9/9, ms1mx2.7/50, Error ellipse: s-maj=103.5km s-min=21.2km az=171.0, Mongolia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like SONM, SONM, MKAR, etc.

TAP 12 07:20:10.7, 24.09N:121.62E, h10km, ML1.8, 3D, C, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like TWD, TWD, NACB, etc.

Table with 6 columns: LPAZ, La Paz, 145.61, 59, PKPbc, PKPab, 08 19 05.3 +0.3

KRNET 12 08:12:57.5-0.1, 40.72N-74.60E, h20km, mb2.7
SOME 12 08:12:58.9, 40.77N-74.63E, h15km
NINC 12 08:12:59.9, 1.4, 40.77N-74.66E, h0km, mb3.7, mpv3.4,

Main table for 12d 9h section, listing station names, coordinates, and various data points.

Table with 6 columns: KOTS, KTBS, Karatebo, 3.45, 27, eP, Sb, 08 13 58.6 -1.0

WEL 12 08:29:03.2-0.6, 35°S, 12°17'9"E, 1.4, h301km, 10km,
M3.9/17, mB4.5/3, MLV4.0/17, Mw(mb)3.6/3, Off east

Main table for 2014 JUL section, listing station names, coordinates, and various data points.

IDC 12 08:38:18.0, 1.4, 29.96S, 176.99W, h0km, mb4.0/2,
mb1 4.3/2, mb1mx3.7/28, mbtmp4.0/2, MS3.6/9, Ms1 3.6/9,

NEIC 12 08:38:18.0, 1.4, 29.96S, 176.8W, 0.1, h10km, 1km,
mb4.5/9, Error ellipse: s-maj=19.4km s-min=8.7km

IDC 12 08:38:20.8, 1.1, 29.8S, 0.1x176.8W, 0.1, h24km, n40,
e1967/26, mb4.5/6, MS3.5/9, Kermadec Islands region

Main table for 2014 JUL section, listing station names, coordinates, and various data points.

Table with 6 columns: LVC, Limon Verde, 93.31, 118, LR, LR, 09 30 48.0

IDC 12 09:47:59.8, 52.0, 22.45S, 176.75W, h0km, mb3.9/3,
mb1 4.1/3, mb1mx3.6/20, mbtmp3.9/3, MS3.6/1, Ms1 3.6/1,

Table with 6 columns: RAO, Raoul Island, 6.85, 189, LR, LR, 08 51 57.6

VAO 12 09:21:44.9, 0.2, 8.63S, 53.27W, h0km, mbR4.0
IDC 12 09:21:45.9, 0.8, 8.63S, 53.36W, h0km, mb3.7/4, mb1 4.1/7,

ISC 12 09:21:45.7, 0.5, 8.58S, 0.05S, 53.37W, 0.06, h10km, n44,
e1865/51, mb3.7/4, Brazil

Main table for 2014 JUL section, listing station names, coordinates, and various data points.

IDC 12 09:29:58.0, 1.3, 38.38N, 142.08E, h30km, 2km, M2.1,
Near east coast of eastern Honshu

NIED 12 09:29:56.0, 36.97N, 142.33E, h18km, MW4.2, Moment
Tensor solution: S3 Moment tensor: Scale 1015Nn;

NEIC 12 09:29:56.4, 1.4, 36.95N, 0.06, 142.34E, 0.09, h10km, 1km,
mb4.5/14, Error ellipse: s-maj=13.5km s-min=9.3km

Main table for 2014 JUL section, listing station names, coordinates, and various data points.

s-min=14.7km az=101.0
ISC 12 09:29:59.6:2.2,37.01N,0:05:142:23E:0:05,h31km,15km,
n86,c1890/91,mb4.1-1.29,MS3.7/9,7C,Off east coast of

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JFK, ONAJ, JMST, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MKAR, KURK, ALAR, etc. with their respective coordinates and phases.

DJA 12 10:19:23.0:3.8'S:4.10'E:~h10km,M4.5/16,mb5.0/3,
mb4.7/6,MLV4.5/16,Mw(MB)4.3/3
NEIC 12 10:19:25.0:1.2,8:54S:0:06:109:28E:0:03,h58km,10km,
mb4.3/19,Error ellipse: s-maj=9.4km s-min=4.1km
az=195.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CMJI, YOGI, UGM, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WBO, WRA, WRA, etc. with their respective coordinates and phases.

SOME 12 10:25:12.2,38:52N:72:35E,h5km
NINC 12 10:25:20.8:5.5,37:92N:72:01E,h243km,53km,mb2.5,
mp:3.6/6,Error ellipse: s-maj=51.5km s-min=33.8km
az=110.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IUG, AML, UCH, etc. with their respective coordinates and phases.

12d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include JAG Ashikaga, JYK Kaneyama, MJAR Matsushiro Arr, etc.

IDC 12 10:44:50.2, 2.36, 91N: 142.49E, h0km, mb3.6/3, mb1 3.6/6, mb1mx3.4/38, mbtmp3.6/6, ML3.4/3, MS3.2/4, Ms1 3.2/4, ms1mx2.6/57, Error ellipse: s-maj=48.7km s-min=25.8km az=89.0

JMA 12 10:44:53.6, 0.2, 36.90N: 142.40E, h44km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mm-1.32; Mw0.06; Mw1.26; Mw0.80; Mw0.39; Fault plane solution: Mo1.76000/10^14 NP1:3.7, 47.00000, 86.10000, A-67.00000, NP2:3.0, 185.00000, 836.00000, A-126.00000

ISC 12 10:44:52.3, 1.3, 36.91N: 142.43E, h0km, n33, c0.998/29, mb3.73, MS3.7/3, Off east coast of Honshu

Main table of station data for the first section, including codes like ONAJ, JFK, JIM, etc.

IDC 12 10:59:43.6, 1.0, 31.59S: 179.91E, h362km, gkm, mb4.0/15, mb1 4.1/17, mb1mx3.9/39, mbtmp4.6/17, Error ellipse: s-maj=13.2km s-min=12.5km az=68.0

NEIC 12 10:59:43.3, 1.4, 31.70S: 180.00W, 0.1, h366km, 4km, mb4.5/15, Error ellipse: s-maj=15.8km s-min=10.3km az=116.0

WEL 12 10:59:47.5, 0.5, 32.3S: 180.0W, h275km, gkm, M4.7/22, mb5.0/11, MLv5.4/22, Mw(mb)4.4/11

ISC 12 10:59:41.9, 0.3, 31.76S: 179.94W, 0.07, h350km, n293, r18/49/330, mb4.3/40, 10, Keradec Island, Region

Main table of station data for the second section, including codes like GLKZ, RAO, RAOI, etc.

2014 JUL

Main table of station data for the second section, including codes like TLZ, RAHZ, MAHIA, etc.

580

Main table of station data for the third section, including codes like PLCA, LC01, ADK, etc.

NB2	NORSAR Subarray	49.80 349	PKP	PKPbc	11 18 49.3	-0.9
NOA	NORSAR Array B	149.80 349	PKPbc	PKPbc	11 18 49.5	-0.7
IDID	NORSAR Array A	149.80 349	PKPbc	PKPbc	11 18 49.7	-0.7
NB000	NORSAR Array S	149.80 349	PKPbc	PKPbc	11 18 49.8	-0.5
ISAL	Salakas	149.96 350	ePKPbc	PKPbc	11 18 50.3	-0.3
FOO	Flo	149.97 355	ePKPbc	PKPbc	11 18 50.2	-0.3
NA001	NORSAR Array S	150.04 349	PKPbc	PKPbc	11 18 50.4	-0.3
IGN	Ignalina	150.07 330	ePKPbc	PKPbc	11 18 50.4	-0.5
HYA	Hooyang	150.31 354	ePKPbc	PKPbc	11 18 51.0	-0.3
SUE	Sulen	150.53 355	ePKPbc	PKPbc	11 18 51.9	+0.1
SKAR	Skarslia	150.56 352	ePKPbc	PKPbc	11 18 51.8	-0.2
PABE	Paberze	150.90 332	ePKPbc	PKPbc	11 18 52.1	-0.7
OSL	Oslo	150.93 349	ePKPbc	PKPbc	11 18 52.3	-0.1
BERG	Bergen	151.13 355	ePKPbc	PKPbc	11 18 53.2	-0.1
KASG	Main Array Be	151.31 320	PKPbc	PKPbc	11 18 53.0	-0.9
PBUR	Paburg	151.31 334	ePKPbc	PKPbc	11 18 53.7	-0.1
KONO	Kongsberg	151.38 350	PKPbc	PKPbc	11 18 53.3	-0.5
KONO	Kongsberg	151.38 350	ePKPbc	PKPbc	11 18 53.3	-0.5
ODDI	Odda	151.50 353	ePKPbc	PKPbc	11 18 55.6	+1.1
ILGA	Ilgav	151.51 299	PKPbc	PKPbc	11 18 53.8	-1.3
BR131	Keskin Array B	151.73 296	PKPbc	PKPbc	11 18 54.6	-0.9
BRTR	Keskin Array B	151.73 296	PKPbc	PKPbc	11 18 54.4	-1.1
BLSS	Blasjo	152.00 353	ePKPbc	PKPbc	11 18 55.1	-0.2
CSS	Mathiatis	152.10 286	PKPbc	PKPbc	11 18 46.3	-3.0
KMY	Karmoy	152.32 354	ePKPbc	PKPbc	11 18 55.6	-0.7
ANTO	Ankara	152.37 296	PKPbc	PKPbc	11 18 56.2	+0.6
HOMB	Homborsund	152.87 350	ePKPbc	PKPbc	11 18 56.7	-0.4
SNART	Snartemo	152.97 352	ePKPbc	PKPbc	11 18 57.3	-0.1
MDJUB	Mudurnu	153.49 298	PKPbc	PKPbc	11 18 58.9	-0.4
DBIC	Dimbokro	154.62 169	PKPbc	PKPbc	11 18 53.7	+0.2
DBIC	Dimbokro	154.62 169	PKPbc	PKPbc	11 18 52.8	-0.8
BSEG	Bad Segeberg	156.64 345	ePKPbc	PKPbc	11 19 25.6	-0.5
OSTO	Ostaszow	157.71 332	ePKPbc	PKPbc	11 19 31.0	-0.0
DPG	Dobruska-Polom	157.83 332	ePKPbc	PKPbc	11 19 31.3	-0.2
KRLC	Kraljick	157.85 331	ePKPbc	PKPbc	11 19 31.3	-0.3
NRDL	Niedersach Rie	158.02 343	ePKPbc	PKPbc	11 19 31.2	-0.8
ASSE	Asse, Remlinge	158.21 342	ePKPbc	PKPbc	11 19 32.4	-0.5
CLL	Collm	158.26 338	ePKPbc	PKPbc	11 19 32.5	-0.7
CLL	Collm	158.26 338	ePKPbc	PKPbc	11 20 56.0	+0.6
CLL	Collm	158.26 338	ePKPbc	PKPbc	11 19 32.5	-0.7
BRG	Berggiesshubel	158.31 336	ePKPbc	PKPbc	11 19 32.9	-0.6
PVCC	Panska Ves	158.37 334	ePKPbc	PKPbc	11 19 33.9	+0.1
FBE	Freiberg	158.47 337	ePKPbc	PKPbc	11 19 34.0	-0.2
CLZ	Clausthal	158.55 342	ePKPbc	PKPbc	11 19 34.1	-0.4
IBBN	Ibbenbuen	158.71 347	ePKPbc	PKPbc	11 19 34.5	-0.6
NEUB	Neuenburg	158.72 339	ePKPbc	PKPbc	11 19 34.8	-0.4
GOPC	GO Peenyc, Ondr	158.78 333	ePKPbc	PKPbc	11 19 35.5	-0.1
GTGT	Gottlingen	158.92 343	ePKPbc	PKPbc	11 19 35.7	-0.5
MOX	Moxa	159.27 339	ePKPbc	PKPbc	11 19 37.2	-0.5
GUINZ	Gunzen	159.29 337	ePKPbc	PKPbc	11 19 37.9	-0.2
WERN	Wernitzgruen	159.34 337	ePKPbc	PKPbc	11 19 37.9	-0.1
NKC	Novy Kostel	159.36 337	ePKPbc	PKPbc	11 19 38.2	+0.1
MANZ	Manzberg	159.68 337	ePKPbc	PKPbc	11 19 39.3	-0.3
ROTZ	Rotzenmuhle	159.84 337	ePKPbc	PKPbc	11 19 40.0	-0.2
CONA	Contra Observa	159.86 328	ePKPbc	PKPbc	11 19 40.1	-0.4
KHC	Kasperske Hory	159.88 333	ePKPbc	PKPbc	11 19 40.2	-0.2
KHC	Kasperske Hory	159.88 333	ePKPbc	PKPbc	11 19 39.1	-1.3
GERES	GERESS Array B	160.06 333	PKPbc	PKPbc	11 18 58.6	-0.7
GERES	GERESS Array B	160.06 333	PKPbc	PKPbc	11 19 40.6	-0.7
WET	Wetzell	160.13 335	ePKPbc	PKPbc	11 19 41.2	-0.4
TNS	Tanus Mts	160.52 344	ePKPbc	PKPbc	11 19 42.4	-0.8
MOA	Molin	160.62 330	ePKPbc	PKPbc	11 19 42.9	-0.8
MEM	Membrach	160.65 349	PKPbc	PKPbc	11 19 42.6	-1.1
BCLA	Clavier	160.95 350	PKPbc	PKPbc	11 19 43.8	-1.2
BMRD	Maredsous	161.14 351	PKPbc	PKPbc	11 19 44.9	-0.9
SOKA	Sokoban	161.16 327	ePKPbc	PKPbc	11 19 45.8	-0.4
RJOB	Rjoberg	161.32 332	ePKPbc	PKPbc	11 19 46.2	-0.6
TJORD	Tjordal	161.42 185	PKPbc	PKPbc	11 19 01.4	-0.3
TORD	Tjordal	161.42 185	PKPbc	PKPbc	11 19 47.6	-0.2
MYKA	Terra Mystica	161.84 329	ePKPbc	PKPbc	11 19 48.0	-1.2
WTTA	Wattenberg	162.15 334	ePKPbc	PKPbc	11 19 48.6	-2.1
ABTA	Abfaltersbach	162.23 331	ePKPbc	PKPbc	11 19 49.4	-1.5
MOTA	Moosalm	162.28 335	ePKPbc	PKPbc	11 19 50.6	-0.6
RETA	Reutte	162.29 336	ePKPbc	PKPbc	11 19 50.7	-0.4
BFO	Black Forest	162.29 342	ePKPbc	PKPbc	11 19 50.2	-0.7
BFO	Black Forest	162.29 342	ePKPbc	PKPbc	11 19 50.3	-0.7
SQTA	Sankt Quirin	162.35 334	ePKPbc	PKPbc	11 19 50.9	-0.5
FETA	Feichten	162.69 335	ePKPbc	PKPbc	11 19 52.3	-0.7
DAVA	Damvask	162.76 337	ePKPbc	PKPbc	11 19 52.4	-0.8
FUORN	Ofenpass-Fuorn	163.20 335	PKPbc	PKPbc	11 19 55.3	-0.0
CLF	Chambon-Fore	163.66 355	PKPbc	PKPbc	11 19 56.1	-0.8
SENIN	Lac Senin/Sane	164.38 341	PKPbc	PKPbc	11 20 00.1	-0.4
ESDC	Sonsee Array	164.51 21	PKPbc	PKPbc	11 19 09.3	+0.6
ESDC	Sonsee Array	164.51 21	PKPbc	PKPbc	11 20 31.9	+0.2

T 2.4430, Plg0.0000, Azm116.0000, N - 0.3290, Plg80.0000, Azm329.0000, P - 2.1150, Plg5.0000, Azm207.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12.11:15:32.7, 0.6116N, 0.02140W, 0.01, hkm, 25km, m623, 1964/643, mb4.5/99, MS4.0/0, Southern Yukon Territory

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
LOGN	Logan Glacier	0.48	226	P	Sg	11 15 41.2	-0.9
LOGN	Logan Glacier	0.48	226	P	Sg	11 15 47.8	-0.5
LOGN	Logan Glacier	0.48	226	P	Sg	11 15 41.1	-0.9
LOGN	Logan Glacier	0.48	226	P	Sg	11 15 48.2	-0.2
CTGM	Chitina Glacie	0.55	249	P	Sg	11 15 42.2	-1.0
CTGM	Chitina Glacie	0.55	249	P	Sg	11 15 42.2	-1.0
CTGM	Chitina Glacie	0.55	249	P	Sg	11 15 49.8	-0.5
YUK3	Moose Creek	0.62	352	P	Sg	11 15 43.7	-1.0
YUK3	Moose Creek	0.62	352	P	Sg	11 15 52.3	-0.5
YUK3	Moose Creek	0.62	352	P	Sg	11 15 43.9	-0.9
YUK3	Moose Creek	0.62	352	P	Sg	11 15 52.5	-0.3
BARN	Barnard Glacie	0.67	262	P	Sg	11 15 44.1	-1.5
BARN	Barnard Glacie	0.67	262	P	Sg	11 15 53.8	-0.6
YUK2	White River	0.68	337	P	Sg	11 15 44.9	-1.0
YUK2	White River	0.68	337	P	Sg	11 15 54.7	0.0
YUK2	White River	0.68	337	P	Sg	11 15 44.8	-1.0
YUK4	Talbot Arm	0.81	76	P	Sg	11 15 56.6	-2.4
YUK4	Talbot Arm	0.81	76	P	Sg	11 15 48.4	0.0
GRNC	Granite Creek	0.83	240	P	Sg	11 15 47.3	-1.5
GRNC	Granite Creek	0.83	240	P	Sg	11 15 58.5	-1.0
GRNC	Granite Creek	0.83	240	P	Sg	11 15 47.8	-1.0
GRNC	Granite Creek	0.83	240	P	Sg	11 15 58.5	-1.0
TABL	Table Mountain	0.83	210	P	Sg	11 15 47.4	-1.4
TABL	Table Mountain	0.83	210	P	Sg	11 15 58.4	-1.1
TABL	Table Mountain	0.83	210	P	Sg	11 15 49.3	+0.4
YUK6	Outpost Mounta	0.96	102	P	Sg	11 15 49.7	-1.4
YUK6	Outpost Mounta	0.96	102	P	Sg	11 16 02.2	-1.4
YUK6	Outpost Mounta	0.96	102	P	Sg	11 15 49.6	-1.5
YUK1	Sand Peta Hill	1.00	354	P	Sg	11 15 50.4	-1.6
YUK1	Sand Peta Hill	1.00	354	P	Sg	11 15 50.4	-1.4
YUK1	Sand Peta Hill	1.00	354	P	Sg	11 15 51.0	-1.0
BALM	Baldy	1.01	264	P	Sg	11 15 50.2	-1.8
BALM	Baldy	1.01	264	P	Sg	11 16 04.9	-0.9
BALM	Baldy	1.01	264	P	Sg	11 15 50.4	-1.6
SAWL	Rock Avalanche	1.01	212	P	Sg	11 16 03.9	-1.1
RKAV	Rock Avalanche	1.01	212	P	Sg	11 16 03.7	-1.4
RKAV	Rock Avalanche	1.01	212	P	Sg	11 15 50.3	-1.7
RKAV	Rock Avalanche	1.01	212	P	Sg	11 16 03.9	-1.2
KIAG	Kiagna River	1.03	258	P	Sg	11 15 50.6	-2.0
KIAG	Kiagna River	1.03	258	P	Sg	11 15 50.5	-2.0
KIAG	Kiagna River	1.03	258	P	Sg	11 16 04.8	-1.2
PTPK	Patty Peak	1.05	272	P	Sg	11 15 51.2	-1.8
PTPK	Patty Peak	1.05	272	P	Sg	11 16 06.3	-0.3
PTPK	Patty Peak	1.05	272	P	Sg	11 15 51.1	-1.8
PCA	Pinnacle	1.07	179	P	Sg	11 16 02.7	-1.8
PCA	Pinnacle	1.07	179	P	Sg	11 15 52.1	-1.1
YAH	Yahtse	1.07	222	P	Sg	11 15 51.8	-1.5
YAH	Yahtse	1.07	222	P	Sg	11 16 02.2	-1.0
BAGL	Bagley Icefield	1.11	234	P	Sg	11 15 52.1	-1.8
BAGL	Bagley Icefield	1.11	234	P	Sg	11 16 05.1	-1.8
ISLE	Juniper Island	1.15	242	P	Sg	11 15 53.0	-1.8
ISLE	Juniper Island	1.15	242	P	Sg	11 16 07.6	-2.0
CHX	Chaix Hills	1.17	201	P	Sg	11 15 54.1	-1.1
YUK5	Granite Creek	1.18	90	P	Sg	11 15 53.6	-1.8
YUK5	Granite Creek	1.18	90	P	Sg	11 16 09.5	-1.5
YUK7	Dusty Glacier	1.23	120	P	Sg	11 15 54.5	-1.8
YUK7	Dusty Glacier	1.23	120	P	Sg	11 16 10.8	-1.3
YUK7	Dusty Glacier	1.23	120	P	Sg	11 15 54.4	-1.8
MESA	MESA	1.28	220	P	Sg	11 15 56.3	-1.0
MESA	MESA	1.28	220	P	Sg	11 16 04.5	-1.0
MESA	MESA	1.28	220	P	Sg	11 15 56.5	-0.8
BVCY							

UNV	comp=Z,47nm,1.2s	I	Amb	I	Amb	11 19 25.5
SLEB	Sale Mountain	15.80 119	P	P		11 19 18.2 -1.8
VDB	Vedder Mountain	15.93 132	P	P		11 19 20.5 +0.7
B05A	Bryant	16.57 133	P	Pn		11 19 26.5 +0.8
B06A	Marblemont	16.57 131	Pn	Pn		11 19 23.2 -2.5
PNT	Penticton	16.63 126	P	P		11 19 29.8 +0.8
NLWA	Neilton Lookou	16.72 138	P	P		11 19 25.7 -2.0
NLWA	comp=Z,39nm,1.3s	I	Amb	I	Amb	11 19 42.8
D03D	Eldon	16.85 136	P	P		11 19 33.1 +1.6
GNW	Green Mountain	16.92 136	P	P		11 19 35.3 +3.1
SMW	South Mountain	16.96 137	P	P		11 19 37.4 +4.8
D04E	Lakebay	17.27 138	P	P		11 19 41.7 +5.7
B08A	Colville Reser	17.51 128	P	Pn		11 19 37.0 -0.6
D05A	Enunclaw	17.53 135	P	Pn		11 19 37.4 -0.3
D05A	Enunclaw	17.53 135	P	Pn		11 19 37.5 -0.3
D05A	Enunclaw	17.53 135	I	Amb	I	11 19 48.8
E03A	Lebam	17.57 139	P	P		11 19 43.8 +4.4
PRDA	Pridids	17.68 114	P	Pn		11 19 39.5 -0.3
FMW	Mount Fremont	17.86 134	P	P		11 19 45.4 +2.5
E04D	Cinebar	17.89 137	P	P		11 19 47.5 +5.1
LTY	Liberty	17.93 132	P	P		11 19 44.5 +1.1
LTY	Liberty	17.93 132	P	Pn		11 19 42.9 +0.1
LTY	Liberty	17.93 132	I	Amb	I	11 20 01.8
LON	Longmire	17.97 135	P	P		11 19 46.8 +3.0
C09A	Chrisman Ranch	18.38 127	P	P		11 19 50.3 +2.0
NEW	Newport	18.46 124	P	P		11 19 50.8 +1.5
NEW	comp=Z,0.1nm,0.3s,baz=327,slow=11,SNR=14	Lg				11 25 17.0
NEW	comp=Z,0.1nm,0.3s,baz=269,slow=7.9,SNR=4.5	LR				11 27 25.8
NEW	Newport	18.46 124	P	Pn		11 19 51.5 +2.2
NEW	Newport	18.46 124	P	Pn		11 19 50.9 +1.6
F04A	Amboy	18.48 138	P	P		11 19 48.6 -0.8
D08A	Wollman Farm	18.75 129	P	P		11 19 50.9 -1.5
E07A	Sunnyvale	18.82 132	P	P		11 19 52.3 -0.9
G03D	McMillanville, O	18.85 140	P	Pn		11 19 55.4 +5.4
HAWA	Hanford	19.08 131	P	P		11 19 59.9 -0.1
E08A	Dider Farm, El	19.17 130	P	Pn		11 19 59.2 +1.4
WALA	Waterton Lakes	19.18 117	P	Pn		11 19 59.5 +1.3
WALA	Waterton Lakes	19.18 117	P	Pn		11 19 57.7 -0.2
WALA	Waterton Lakes	19.18 117	I	Amb	I	11 20 04.1
F07A	Phinny Hill Vi	19.36 133	P	P		11 19 58.1 -1.0
G05D	Wamic, OR	19.45 136	P	P		11 20 06.0 +4.7
H04D	Lebanon	19.64 140	P	Pn		11 20 07.4 +3.9
BSMT	Basso Peak	19.74 121	P	Pn		11 20 05.1 +0.2
DMT	Big Hole Peak	19.85 122	P	P		11 20 07.4 +1.2
JTMT	Jette	20.04 120	P	P		11 20 07.7 -0.9
YBMT	Yellow Bay	20.06 120	P	Pn		11 20 10.4 +1.8
I03D	Drain, OR	20.20 142	P	Pn		11 20 16.5 +6.5
G08A	Pilot Rock	20.23 132	P	P		11 20 07.0 -1.7
FBMT	Ferry Basin	20.25 121	P	P		11 20 10.6 -0.2
I05D	Terrebonne, OR	20.25 138	P	Pn		11 20 13.0 +2.3
F10A	Beach Ranch, E	20.29 128	P	I	Amb	11 20 08.5 -0.9
F10A	Beach Ranch, E	20.29 128	I	Amb	I	11 20 30.6
SWMT	Swartz Lake	20.34 120	P	Pn		11 20 11.4 -0.5
I04A	Tendick Farm	20.39 140	P	Pn		11 20 14.7 +2.2
J01E	Myrtle Point	20.52 144	P	Pn		11 20 19.0 +5.2
PLMT	Seelye Lake	20.76 120	P	Pn		11 20 16.2 -0.7
PINE	Pine Mountain	20.86 138	I	Amb	I	11 20 35.5
PINE	Pine Mountain	20.86 138	I	Amb	I	11 20 35.5
MSO	Missoula	20.91 121	P	Pn		11 20 18.3 -0.1
MSO	Missoula	20.91 121	I	Amb	I	11 20 18.2 -0.3
MSO	Missoula	20.91 121	I	Amb	I	11 20 25.0
J04D	Umpqua National	20.99 140	P	Pn		11 20 20.6 +1.1
RES	Resolute Bay	20.99 32	P	P		11 20 17.3 +0.7
RES	comp=Z,9.9nm,0.8s,baz=245,slow=8.9,SNR=16	LR				11 28 46.0
RES	comp=Z,4.75nm,20.4s,baz=262,slow=38	LR				11 28 46.0
RES	Resolute Bay	20.99 32	P	P		11 20 17.0 +0.4
RES	Resolute Bay	20.99 32	I	Amb	I	11 20 15.6 -0.9
RES	Resolute Bay	20.99 32	I	Amb	I	11 20 27.3
K02D	Willamette Mer	21.02 144	P	P		11 20 19.8 +2.5
FFC	Flin Flon	21.08 91	P	I	Amb	11 20 17.1 -0.5
FFC	Flin Flon	21.08 91	I	Amb	I	11 20 22.6
I07A	Ize	21.09 135	Pn	P		11 20 21.4 +3.4
OVMT	Ovando	21.11 120	P	P		11 20 19.6 +1.3
BMO	Blue Mountains	21.21 130	P	P		11 20 18.9 -0.4
J05D	Fort Rock, OR	21.22 139	P	P		11 20 24.3 +4.8
BPMT	Black Pine Rid	21.42 121	P	P		11 20 22.8 +1.0
LYMT	Lyon Mountain	21.49 119	P	P		11 20 23.9 +1.5
ELMT	Elliston	21.75 120	P	P		11 20 25.6 +0.4
EGMT	Eagleton	21.78 113	P	P		11 20 26.3 +0.9
EGMT	Eagleton	21.78 113	P	P		11 20 26.3 +0.9
EGMT	Eagleton	21.78 113	P	P		11 20 26.3 +0.9
EGMT	Eagleton	21.78 113	P	P		11 20 26.3 +0.9
K05A	Summer Lake	21.84 139	P	I	Amb	11 20 30.1 +4.0
K05A	Summer Lake	21.84 139	I	Amb	I	11 20 33.8
L04D	Klamath Falls	21.86 142	P	P		11 20 28.8 +2.5
HRV	Holter Researc	21.89 118	P	P		11 20 27.4 +0.8
HRV	Holter Researc	21.89 118	P	P		11 20 27.9 +1.4
J08A	Circle Bar Ran	22.08 134	I	Amb	I	11 20 40.0 +1.3
J08A	Circle Bar Ran	22.08 134	I	Amb	I	11 20 40.0
YBH	Yreka Blue Hor	22.19 143	P	P		11 20 29.6 -0.2
YBH	comp=Z,1.4nm,0.9s,baz=326,slow=4.6,SNR=12	LR				11 29 29.9
YBH	Yreka Blue Hor	22.19 143	P	P		11 20 29.9 +0.1
HBMT	Mount Humburg	22.29 121	P	P		11 20 31.6 +0.6
LRM	Limekiln Ridge	22.33 121	P	P		11 20 31.9 +0.5
M02C	Callahan	22.46 144	P	P		11 20 35.5 +2.8
DLMT	Dillon	22.64 122	P	P		11 20 34.4 -0.2
MOD	Modoc Plateau	22.77 139	P	P		11 20 34.2 -1.8
WVOR	Wild Horse Val	22.84 135	P	P		11 20 35.6 -1.2
WVOR	Wild Horse Val	22.84 135	I	Amb	I	11 20 55.4
BOZ	Bozeman (W)	22.85 120	P	P		11 20 35.8 -1.1
BOZ	Bozeman (W)	22.85 120	P	P		11 20 35.7 -1.1
N02D	Trinity Center	22.89 144	P	P		11 20 39.6 +2.3
MCMT	McKenzie Canyo	22.97 123	P	P		11 20 39.3 +1.0
MFID	Camas Ranch	22.99 129	P	P		11 20 39.0 +0.6
MFID	Camas Ranch	22.99 129	I	Amb	I	11 20 48.5
BCYI	Bear Canyon	23.18 124	P	P		11 20 40.8 +0.4
WDC	Whiskeytown Da	23.30 144	I	Amb	I	11 20 43.2 +1.8
WDC	Whiskeytown Da	23.30 144	I	Amb	I	11 21 00.6
HLID	Hailey	23.41 127	P	P		11 20 44.6 +1.9
HLID	Hailey	23.41 127	P	P		11 20 43.9 +1.2
HLID	Hailey	23.41 127	I	Amb	I	11 21 08.7
GCMT	Greycliff	23.54 117	P	P		11 20 45.0 +1.1
QLMT	Earthquake Lak	23.55 121	P	P		11 20 44.2 +0.1
YHL	Hebgen Lake	23.64 120	P	P		11 20 45.6 +0.5
YHB	Horse Butte	23.72 121	P	P		11 20 45.0 -0.1
O03E	Paynes Creek	23.78 143	P	P		11 20 47.9 +1.7
KCPM	Cahto Peak	23.85 147	P	P		11 20 44.9 -2.1
DGMT	Dagmar	24.00 105	P	P		11 20 50.7 +2.4
DGMT	Dagmar	24.00 105	P	P		11 20 48.2 0.0
YNE	Yellowstone No	24.01 118	P	P		11 20 49.4 +0.8

YMP	Mirror Lake Pl	24.16 119	P	P		11 20 49.7 -0.4
RLMT	Red Lodge	24.24 117	P	P		11 20 53.4 +2.7
H17A	Grant Village	24.27 120	P	P		11 20 54.4 +3.4
H17A	comp=Z,323,SNR=10	LR				11 20 54.4 +3.4
EUNU	Eureka	24.36 20	P	P		11 20 52.8 +1.4
EUNU	Eureka	24.36 20	P	P		11 20 53.4 +2.1
LAU	LASA Array	24.37 111	P	P		11 20 52.4 +0.7
FLWY	Flagg Ranch	24.47 121	P	I	Amb	11 20 52.0 -0.7
FLWY	Flagg Ranch	24.47 121	I	Amb	I	11 21 17.4
IMW	Indian Meadow	24.52 121	P	P		11 20 51.4 -1.9
HOPV	Hopland Field	24.63 146	P	P		11 20 52.9 -1.2
FXWY	Fox Creek	24.70 122	P	I	Amb	11 20 57.3 +2.4
FXWY	Fox Creek	24.70 122	I	Amb	I	11 21 07.5
ILON	Igloolik, Nuna	24.81 46	P	P		11 20 56.2 +0.8
TPAW	Teton Pass	24.85 122	P	P		11 20 59.4 +3.1
SNOW	Snow King Moun	24.95 122	P	P		11 20 59.4 +2.7
SNOW	Snow King Moun	24.95 122	I	Amb	I	11 21 03.8
PAHR	Pah Rah Range	25.05 139	P	P		11 20 57.7 -0.3
AFDM	Forest Hills D	25.27 143	P	P		11 20 59.2 -0.6
AFDM	Forest Hills D	25.27 143	I	Amb	I	11 21 08.1
AHID	Aldrich Hatch	25.39 123	P	P		11 21 00.2 -0.9
ELK	Elko	25.53 132	P	P		11 21 02.1 -0.3
BW06	Boulder Array	26.02 121	P	P		11 21 08.6 +1.7
BW06	Boulder Array	26.02 121	I	Amb	I	11 21 06.2 -0.7
BW06	Boulder Array	26.02 121	I	Amb	I	11 21 14.6
PD31	Pinedale Array	26.02 121	P	P		11 21 05.6 -1.3
PD31	Pinedale Array	26.02 121	I	Amb	I	11 21 14.5
PDAR	Pinedale Array	26.02 121	P	P		11 21 07.8 +0.9
PDAR	comp=Z,1.2nm,1.3s	LR				11 21 07.8 +0.9
PDAR	comp=Z,3.6nm,0.8s,baz=321,slow=6.1,SNR=17	LR				11 31 45.5
WAKR	Walker	26.14 141	P	I	Amb	11 21 08.0 +0.1
WAKR	Walker	26.14 141	I	Amb	I	11 21 19.4
HWUT	Hardware Ranch	26.18 125	P	P		11 21 07.6 -0.7
CMB	Columbia Colle	26.28 143	P	P		11 21 08.7 -0.4
NBR	Norway Bea	26.56 139	P	P		11 21 13.8 +2.0
NVAR	comp=Z,5.6nm,0.9s,baz=319,slow=7.9,SNR=18	LR				11 32 01.1
NV11	Mina Array Sit	26.60 139	P	I	Amb	11 21 12.2 +0.2
NV11	Mina Array Sit	26.60 139	I	Amb	I	11 21 19.6
DUG	Dugway, Tooele	26.91 129	P	P		11 21 16.5 +1.7
RSSD	Black Hills	27.33 112	P	P		11 21 20.0 +1.4
RSSD	Black Hills	27.33 112	I	Amb	I	11 21 18.7 -0.0
RSSD	Black Hills	27.33 112	I	Amb	I	11 21 35.4
K22A	Casper	27.40 117	P	P		11 21 20.8 +1.6
K22A	Casper	27.40 117	I	Amb	I	11 21 17.9 -1.3
R11A	Troy Canyon, C	27.53 135	P	P		11 21 22.4 +1.9
R11A	Troy Canyon, C	27.53 135	I	Amb	I	11 21 19.2 -1.2
RDUM	Red Mountain	27.85 124	P	P		11 21 22.1 -1.2
PSUT	Pine Spring	27.98 132	P	P		11 21 23.2 -1.3
AGMN	Agassiz Nation	28.09 97	P	I	Amb	11 21 24.3 -0.8
AGMN	Agassiz Nation	28.09 97	I	Amb	I	11 21 31.1
EPLC	Experimental L	28.18 93	P	P		11 21 27.7 +1.6
CWC	Cottonwood Cre	28.45 140	P	P		11 21 30.7 +2.1
TPNV	Topopah Spring	28.57 137	P	P		11 21 30.7 +1.0
MSU	Marysville	28.61 129	P	P		11 21 29.9 -0.3
PKL	Pike Lake	28.63 87	P	P		11 21 29.3 -0.6
Q16A	Castle Valley	28.64 128	P	P		11 21 29.4 -1.0
SRU	San Rafael Swe	28.73 127	P	P		11 21 29.6 -1.5
O20A	White River Ci	28.76 122	P	P		11 21 32.8 +1.4
O20A	White River Ci	28.76 122	I	Amb	I	11 21 31.4 0.0
O20A	White River Ci	28.76 122	I	Amb	I	11 21 41.9
MPMC	Manual Process	28.99 140	P	P		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
MNMC	Minye Minye	0.51	173	iP	13 22 15.4 +0.6	Pn		
MNMC	Minye Minye			iS	13 22 27.0 +0.9	Pn		
PB12	IPOC Station P	0.64	271	iP	13 22 15.1 +0.5	Pn		
PB12	IPOC Station P			iS	13 22 27.2 +0.8	Pn		
PB12	IPOC Station P			IAML	13 22 28.2	Pn		
AP01	Chacalluta	0.70	291	iP	13 22 16.0 -0.1	Pn		
AP01	Chacalluta			iS	13 22 28.5 +0.3	Pn		
PSGC	Pisagua	1.06	204	iP	13 22 19.0 -0.1	Pn		
PSGC	Pisagua			iS	13 22 35.4 +0.3	Pn		
PSGC	Pisagua			IAML	13 22 38.7	Pn		
G001	Chusmiza	1.12	157	iP	13 22 22.5 +1.4	Pn		
G001	Chusmiza			iS	13 22 40.1 +2.5	Pn		
PB11	IPOC Station P	1.13	180	iP	13 22 12.0 +0.3	Pn		
PB11	IPOC Station P			iS	13 22 38.1 +0.9	Pn		
PB11	IPOC Station P			IAML	13 22 38.8	Pn		
PB08	IPOC Station P	1.58	163	iP	13 22 27.9 +1.3	Pn		
PB08	IPOC Station P			iS	13 22 49.4 +2.1	Pn		
PB08	IPOC Station P			IAML	13 22 51.0	Pn		
TA02	Huapiquique	1.69	195	eP	13 22 27.4 -0.3	Pn		
TA02	Huapiquique			eS	13 22 31.4 -1.4	Pn		
TA01	Diego Aracena	1.99	194	iP	13 22 30.9 -0.6	Pn		
TA01	Diego Aracena			iS	13 22 55.2 -0.8	Pn		
PATCX	Punta Patache	2.23	192	eP	13 22 35.0 +0.3	Pn		
PATCX	Punta Patache			IAML	13 23 12.8	Pn		
PB01	IPOC Station P	2.41	176	iP	13 22 37.5 +0.5	Pn		
PB01	IPOC Station P			eS	13 23 06.7 +0.7	Pn		
PB01	IPOC Station P			IAML	13 23 13.3	Pn		
PB02	IPOC Station P	2.69	185	eP	13 22 41.0 +0.3	Pn		
PB02	IPOC Station P			IAML	13 23 23.7	Pn		
LPAZ	La Paz	2.74	32	P	13 22 44.8 +2.8	Pn		
LPAZ	La Paz			P	13 23 15.5 +0.7	Pn		
PB07	IPOC Station P	3.09	184	eP	13 22 46.7 +0.5	Pn		
PB07	IPOC Station P			iS	13 23 27.0 +4.6	Pn		
PB03	IPOC Station P	3.41	182	eP	13 22 50.9 +0.3	Pn		
PB03	IPOC Station P			IAML	13 23 39.7	Pn		
PB04	IPOC Station P	3.72	187	eP	13 22 54.7 +0.1	Pn		
PB04	IPOC Station P			iS	13 23 01.2 +2.2	Pn		
LVC	Limón Verde	4.02	170	P	13 23 44.3 -0.9	Pn		
LVC	Limón Verde			P	13 23 44.3 -0.9	Pn		
PB06	IPOC Station P	4.06	179	eP	13 22 59.3 +0.1	Pn		
PB05	IPOC Station P	4.24	187	eP	13 23 07.0 -0.9	Pn		
SIV	San Ignacio	8.61	74	S	13 24 00.1 -0.9	Pn		
SIV	San Ignacio			S	13 25 32.6 -3.9	Pn		
NNA	Nana	9.57	313	S	13 26 04.2 +4.2	Pn		
CPUP	Villa Florida	13.73	126	P	13 25 08.9 -0.9	Pn		
TXAR	Lajitas Array	57.88	325	P	13 31 41.2 -0.2	Pn		
TXAR	Lajitas Array			P	13 33 40.8 -1.7	Pn		
YKA	Yellowknife Arr	88.26	341	P	13 34 39.0 -0.3	Pn		
YKA	Yellowknife Arr			P	13 34 39.0 -0.3	Pn		
WRA	Warramunga Arr	135.02	213	PKP	13 41 08.8 -0.8	PKP		
WRA	Warramunga Arr			PKP	13 41 08.8 -0.8	PKP		
SONM	Songino Array	150.65	5	PKPbc	13 41 40.7 -0.4	PKPbc		
SONM	Songino Array			PKPbc	13 41 40.7 -0.4	PKPbc		

SOME 12 13:23:38.8, 44.63°N, 82.40°E, h25km
 NNC 12 13:23:40.5, 1.8, 44.59°N, 82.15°E, h6km, 16km, mb3.9,
 mpv3.6, Error ellipse: s-maj=12.4km s-min=12.0km
 az=27.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DJR	Jarkent	1.83	261	Op	13 24 12.8 +0.6	Pn		
DJR	Jarkent			eS	13 24 36.7 -0.6	Pn		
DJR	Jarkent	1.83	261	Pg	13 24 13.0 -0.6	Pn		
DJR	Jarkent			Lg	13 24 38.2	Pn		
MK31	Makanchi Array	2.14	360	iP	13 24 18.2 +0.7	Pn		
MK31	Makanchi Array			iS	13 24 46.4 -1.0	Pn		
MAK2	Makanchi	2.17	354	iP	13 24 18.2 +0.3	Pn		
MAK2	Makanchi			iS	13 24 46.6 +1.7	Pn		
KAPS	Kapalarans	2.18	288	eP	13 24 18.9 +0.7	Pn		
KAPS	Kapalarans			eS	13 24 47.5 -1.2	Pn		
KAPS	Kapalarans	2.18	288	Pg	13 24 18.7 +0.5	Pn		
KAPS	Kapalarans			Lg	13 24 47.9	Pn		
SHLS	Shalkode	2.54	235	eP	13 24 20.8 +0.9	Pn		
SHLS	Shalkode			Sn	13 24 51.2 +0.3	Pn		
SHLS	Shalkode	2.54	235	Pg	13 24 20.6 +0.7	Pn		
SHLS	Shalkode			Lg	13 24 50.7	Pn		
TDK	Taldyqorghan	2.79	279	eP	13 24 28.8 +0.2	Pn		
TDK	Taldyqorghan			eS	13 25 05.4 +2.6	Pn		
TDK	Taldyqorghan	2.79	279	Pg	13 24 28.8 +0.2	Pn		
TDK	Taldyqorghan			Lg	13 25 05.4	Pn		
UZB	Uzymbulak	2.81	239	eP	13 24 28.9 0.0	Pn		
UZB	Uzymbulak			eS	13 25 05.1 +1.8	Pn		
UZB	Uzymbulak	2.81	239	Pg	13 24 28.9 0.0	Pn		
UZB	Uzymbulak			Lg	13 25 05.1	Pn		
KPKS	Kokpek	2.86	247	eP	13 24 30.1 +0.3	Pn		
KPKS	Kokpek			eS	13 25 07.2 +2.2	Pn		
ARXS	Arharly	3.23	264	eP	13 24 36.6 +0.4	Pn		
ARXS	Arharly			eS	13 25 18.1 +2.4	Pn		
ARXS	Arharly	3.23	264	Pg	13 24 36.6 +0.4	Pn		
ARXS	Arharly			Lg	13 25 18.0	Pn		
SATY	Saty	3.24	242	eP	13 24 36.4 +0.2	Pn		
SATY	Saty			eS	13 25 17.9 +2.2	Pn		
SATY	Saty	3.24	242	Pg	13 24 36.4 +0.2	Pn		
SATY	Saty			Lg	13 25 17.9	Pn		
KOTS	Kotyrbulak	4.01	251	eP	13 24 49.6 +0.3	Pn		
KOTS	Kotyrbulak			eS	13 25 40.4 +2.6	Pn		
KOTS	Kotyrbulak	4.01	251	Pg	13 24 49.6 +0.3	Pn		
KOTS	Kotyrbulak			Lg	13 25 40.4	Pn		
MDOK	Medeo	4.08	250	eP	13 24 55.3 -1.4	Pn		
MDOK	Medeo			eS	13 25 50.1 +0.6	Pn		
MDOK	Medeo	4.08	250	Pg	13 24 55.3 -1.4	Pn		
MDOK	Medeo			Lg	13 25 50.1	Pn		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
MDOCK	Tian-Shan	5.3n,0.7s		Op	13 25 50.1	Pn		
TNSS	Tian-Shan	4.20	249	eP	13 24 56.0 -2.9	Pn		
TNSS	Tian-Shan			eS	13 25 51.8 -1.5	Pn		
TNSS	Tian-Shan	4.9n,0.4s		Pg	13 24 56.0 -2.9	Pn		
TNSS	Tian-Shan			Lg	13 25 51.8	Pn		
KUU	Kuryan	4.35	262	eP	13 24 58.5 -3.3	Pn		
KUU	Kuryan			eS	13 25 56.0 -2.2	Pn		
KUU	Kuryan	4.35	262	Pg	13 24 58.6 -3.3	Pn		
KUU	Kuryan			Lg	13 25 56.0	Pn		

NIED 12 13:42:21.7, 23.36°N, 123.41°E, h52km, MW3.7, Moment
 Tensor Solution, s2 Moment tensor: Scale 10¹⁴N²;
 Mn0.17; M00:3.67; M01:-3.84; M02:0.59; M03:-1.77; M04:0.93;
 Fault plane solution: Mo4.290000x10¹⁴ NPT1:
 0.238, 0.00000, 0.85, 0.00000, 0.167, 0.00000, 0.167, 0.00000, 0.167, 0.00000, 0.167, 0.00000;
 Mo5:147.00000, 0.877, 0.00000, 0.167, 0.00000, 0.167, 0.00000, 0.167, 0.00000, 0.167, 0.00000, 0.167, 0.00000;
 JMA 12 13:42:21.7, 0.1, 23.36°N, 123.41°E, h52km, 4km, M3.5,
 Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HATJ	Hateruma jima	0.78	27	P	13 42 36.8 +0.2	Pn		
HATJ	Hateruma jima			S	13 42 47.2 -0.3	Pn		
IRIF	Iriomote-Funau	1.01	17	P	13 42 40.0 +0.3	Pn		
IRIF	Iriomote-Funau			eP	13 42 53.1 +0.2	Pn		
JKRS	Kuro-shima	1.03	32	P	13 42 40.6 +0.7	Pn		
JKRS	Kuro-shima			S	13 42 53.3 0.0	Pn		
YOJ	Yonaguni jima	1.16	342	P	13 42 42.1 +0.5	Pn		
YOJ	Yonaguni jima			eS	13 42 56.8 +0.5	Pn		
JYNG	Yonagunijimaku	1.17	339	P	13 42 42.2 +0.5	Pn		
JYNG	Yonagunijimaku			S	13 42 56.6 0.0	Pn		
JJU	Ishigaki jima	1.20	34	P	13 42 42.4 +0.2	Pn		
JJU	Ishigaki jima			S	13 42 57.6 +0.1	Pn		
JISG	Ishigakijimahi	1.47	34	P	13 42 46.1 +0.2	Pn		
JISG	Ishigakijimahi			eS	13 43 04.0 0.0	Pn		
JTJ	Tarajima	1.74	43	P	13 42 50.4 +0.9	Pn		
JTJ	Tarajima			S	13 43 10.9 +0.4	Pn		
JIRB	Iraburu jima	2.17	47	P	13 42 56.3 +0.8	Pn		
JIRB	Iraburu jima			eS	13 43 21.8 +0.6	Pn		
JMJ2	Miyako jima3	2.23	52	P	13 42 57.3 +1.1	Pn		
JMJ2	Miyako jima3			S	13 43 23.2 +0.7	Pn		
JKM	Ikemajima	2.29	47	P	13 42 57.8 +0.8	Pn		
JKM	Ikemajima			S	13 43 25.0 +1.0	Pn		
JOGS	Gusukube	2.30	52	P	13 42 58.2 +1.1	Pn		
JOGS	Gusukube			S	13 43 25.6 +1.4	Pn		

ISC 12 14:02:18.9, 19.0, 14.90S, 178.51W, h365km, 199km,
 mb3.1/5, mb1 3.4/5, mb1mx3.1/34, mbtmp3.8/5, Error
 ellipse: s-maj=115.1km s-min=46.9km az=150.0, Fiji
 Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
WRA	Warramunga Arr	45.15	257	P	14 10 00.4 -0.7	Pn		
ASAR	Alice Springs	45.56	251	P	14 10 04.5 +0.2	Pn		
ILAR	Eielson Array	83.00	13	P	14 14 03.8 +0.1	Pn		
TXAR								

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TBI Tubuai, SCHO Schefferville, SCHO Maungataniwha, SNAA Sanae, TIAR Tiarei, PPT2 Papeete2, DBIC Dimbokro, QSPA South Pole Qui, NWLA Neilton Louisa, RAR Rarotonga, TORO Torodi, TORD Tord, VNDA Vanda, YKA Yellowknife Arr, YKA Sonseca Array, ESDC Esdco, SUMG Summit, KEST Kesra, ILAR Elselon Array, ILAR Warramunga Arr, CLL Collim, DZM Mont Dzumac, H1N13 WAKE ISLAND Hy20.44 284, H1N12 WAKE ISLAND Hy20.45 284, H1N11 WAKE ISLAND Hy20.45 284, H1S12 WAKE ISLAND Hy20.49 283, H1S11 WAKE ISLAND Hy20.50 283, H1S13 WAKE ISLAND Hy20.50 283, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, CHM Chikment, MKAR Makanchi Array, KPKS Kokpek, SATY Saty, UZB Uzynbulak, SHLS Shalkode, SONM Songio Array, SONM Korea Array, KSRS Korea Array, KSRS Lajitas Array.

12d 15:08:24.9z-2.7, 53.28N-163.81E, h0km, mb3.4/3, mb1.3/74, mb1mx3.2/54, mbtmp3.3/4, ML2.5/1, Error ellipse: s-maj=117.6km s-min=25.3km az=169.0 KRSC 12 15:08:38.1z-1.2, 54.60N-158.58E, h305km, 17km, ML3.5 ISC 12 15:08:41.2z-1.5, 54.59N-158.6E, 0.3, h300km, n18, 160/21, mb3.0/3, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRX Arik, KZV Kizimen, TUMR Tumrok, KOK Koryaka, SDR Srdolovna, AVH Avacha, TUMD Tumrok D, NLC Nalytchevo, DALK Dalny, PETK Petropavlovsk-1, APC Apacha, MTRV Mutsnokka, RUS Rus, ASAK Asacha, KBTR Krotoberegovo, ILAR Eielson Array, PDAR Pinedale Array, TXAR Lajitas Array.

12d 15:08:48.4z-3.8, 33.45S-178.31W, h0km, mb4.2/3, mb1.4/3, mb1mx3.8/36, mbtmp4.2/3, MS3.7/1, Ms1 3.7/1, ms1mx2.8/30, Error ellipse: s-maj=187.0km s-min=42.3km az=166.0 NEIC 12 15:09:01.2z-2.1, 33.9S:0.8-178.4W:0.3, h115km, 16km, mb4.0/5, Error ellipse: s-maj=111.5km s-min=36.1km az=169.0 WEL 12 15:10:05.2z-3.8, 5.25z-17.8E, h33km, 11km, M2.3/1, ML2.4/1, MLV2.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=166.2 ISC 12 15:08:53.9z-2.0, 33.2S:0.1-178.5W:0.3, h32km, n28, 16/17/26, mb4.0/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waicomatitani S, PKGZ Pakihioru, HAZ Te Kaha, PUZ Puketitii, RUGZ Raukumara Rang, TWGZ Tauwharepae, CNGZ Carnagh Station, TKGZ Te Karaka.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MWZ Matawai, URZ Urewera, RIGZ Rimuhau, RNZ Shannon Station, SAHZ Aarahi, MTHZ Maungataniwha, KWHZ Kaweka Forest, PKE Pukeitii, STKA Stephens Creek, CTA Charters Tower, CTAO Charters Tower, AS31 Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WRA Warramunga Arr, WB0 Warramunga Arr, WB0 Jayapura, FITZ Fitzroy Crossi, FINES FINESS Array B, NOA NORSTAR Array B.

12d 15:15:05.4z-0.8, 6.30S:152.97E, h0km, mb4.1/14, mb1.4/3/16, mb1mx4.1/42, mbtmp4.1/16, ML3.1/2, MS3.3/8, Ms1 3.3/8, ms1mx3.0/40, Error ellipse: s-maj=26.4km s-min=14.8km az=106.0 NEIC 12 15:15:09.0z-1.6, 6.47S:0.08-153.1E:0.1, h31km, 6km, mb4.7/13, Error ellipse: s-maj=14.6km s-min=11.8km az=98.0 ISC 12 15:15:09.0z-0.6, 6.36S:0.07-153.12E:0.10, h31km, n37, 16/29/32, mb4.2/19, MS3.1/6, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT 18nm, RABL Rabul, PMG Port Moresby, PMG Port Moresby, SANVU Saraoutou, DZM Mont Dzumac, SIJI Sorong, WR0 Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, KNRA Kunurra, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, TOO Toolangi, TOO Toolangi, KNTN Kanton, JNU Natsuse, MAJO Matsushiro, MAJO Matsushiro, MJB3 Matsushima, CMAR Chiang Mai Arr, PETK Petropavlovsk-1, SONM Songio Array, VANDA Vanda, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, KURBB Kurchatov Arr, HYT Haines Junction, NVAR Borovoye Array, NVAR Mina Array, CLL Collim, GERS GERS Array B, TORO Torodi Arr.

12d 15:15:09.0z-0.6, 6.36S:0.07-153.12E:0.10, h31km, n37, 16/29/32, mb4.2/19, MS3.1/6, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT 45nm, KRVT 2.181nm, PMG Port Moresby, PMG Port Moresby, GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, KURBB Kurchatov Arr, HYT Haines Junction, NVAR Borovoye Array, NVAR Mina Array, CLL Collim, GERS GERS Array B, TORO Torodi Arr.

12d 15:22:27.1z-1.3, 37.37S:142.94E, h0km, mb3.3/6, mb1.3/4/7, mb1mx3.3/52, mbtmp3.3/4, ML2.5/1, Error ellipse: s-maj=34.6km s-min=26.4km az=79.0 JMA 12 15:22:32.8z-0.2, 37.06N:142.37E, h24km, M3.4 ISC 12 15:22:28.2z-1.0, 37.16N:0.06-142.67E, h0.98km, n27, 16/17/20, mb3.3/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JFK Kawauchi, JJK Ishinomaki, ONAJ Inakimizuishi, JMST Wakamisumatoac, JMST Muramori, JIO Ouri, JFD Fukushimafurud, JFT Otama, JOU Okura, JMK Ichinoseki, JFY Shirataka, JFY Yanaizu, JYK Kaneyama, JOM Ohasama, JAG Aikihaga, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAT Hachioji jima 2, H1N12 WAKE ISLAND Hy 27.36 123 T, H1N11 WAKE ISLAND Hy 27.36 123 T, H1N13 WAKE ISLAND Hy 27.38 123 T, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs.

12d 15:27:51.3z-2.0, 32.64N:76.54E, h0km, mb3.7/7, mb1.3/8/9, mb1mx3.5/50, mbtmp3.8/9, ML3.6/2, Error ellipse: s-maj=44.2km s-min=23.5km az=46.0 NDI 12 15:27:52.2z-2.4, 32.65N:76.51E, h10km, ML3.6 ISC 12 15:27:52.5z-2.0, 32.63N:0.05-76.57E:0.06, h10km, n14, 16/19/19, mb3.7/6, Kashmir-India border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DHRM DHARAMSHALA, DHRM DHARM, DHRM DHARM, THN Thein Dam, BHK Bhakra, SMLA Simla, SMLA Simla, SMLA Simla, DDI Dehra Dun, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, ZALV Zalesovo Beam, AKTO Aktyubinsk, CMAR Chiang Mai Arr, SONM Songio Array, FINES FINESS Array B, ARCES ARCES Array B.

12d 15:32:22.0z-1.4, 6.40S:153.29E, h0km, mb3.9/9, mb1.4/0/11, mb1mx3.8/39, mbtmp3.9/11, ML2.7/2, MS3.3/8, Ms1 3.4/8, ms1mx3.1/39, Error ellipse: s-maj=40.3km s-min=19.1km az=111.0 ISC 12 15:32:27.1z-1.2, 6.26S:0.08-153.1E:0.1, h31km, n15, 16/19/14, mb3.8/9, MS3.4/7, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT 45nm, KRVT 2.181nm, PMG Port Moresby, PMG Port Moresby, GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, KURBB Kurchatov Arr, HYT Haines Junction, NVAR Borovoye Array, NVAR Mina Array, CLL Collim, GERS GERS Array B, TORO Torodi Arr.

12d 15:37:44.0z-0.34, 20N:132.97E, h41km, M3.9 Broadband fault plane solution: P waves, NP1=181.00000, 845.00000, lambda-70.00000, NP2=334.00000, 849.00000, lambda-109.00000, Principal axes: T Plq2.00000, Azm77.00000, N Plq14.00000, Azm347.00000, P Plq76.00000, Azm175.00000, JMA Fell II J, 12d 15:37:44.3z-2.0, 34.29N:132.99E, h58km, 19km, mb3.4/8, mb1.3/5/11, mb1mx3.3/54, mbtmp3.6/11, ML2.8/3 Error ellipse: s-maj=17.2km s-min=11.9km az=95.0 NIED 12 15:37:44.0z-0.34, 20N:132.97E, h41km, M3.9 Moment tensor solution: S3 Moment tensor: Scale 10^14Nm; M1=5.33; M2=0.01; M3=3.2; M4=0.75; M5=1.47; M6=0.40; Fault plane solution: Ms2.58000x10^14 Np1: 0.339.00000, 848.00000, lambda-99.00000, NP2: 0.173.00000, 842.00000, lambda-80.00000, ISC 12 15:37:43.0z-0.34, 19N:0.03-132.97E:0.03, h46km, 8km, n26, 19/38/43, mb3.8/8, 7C-4D, Western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHM Kurahashi, JHM Tanbara, JET Toyohira, JNA Nagahama, JNS Saiji, JHS Sakaide, JKS Sakaide, JKU Kukoakawa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like 003E Paynes Creek, 003E baz=44, 003E baz=44, etc.

IDC 12 16:58:00.2, 2.9, 24.75N, 141.28E, h190km, 27km, mb3.5/16, mb1 3.6/19, mb1mx3.4/43, mbtmp3.0/19, Error ellipse: s-maj=17.9km s-min=10.5km az=94.0

NEIC 12 16:58:00.7, 1.0, 24.75N, 141.10E, h190km, 27km, mb4.1/14, Error ellipse: s-maj=20.2km s-min=13.7km az=98.0

JMA 12 16:58:03.0, 7.1, 25.10N, 140.82E, h167km, 3km, M4.5 ISC 12 16:58:00.1, 0.5, 24.77N, 141.2E, 0.1, h189km, n55, -0.92/61, mb3.9/23, Volcano Islands region

Main table of seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like JHH2 Haha-jima-NKT2, JHH2 Chichi jima, CJHJ CBJU, etc.

IDC 12 17:11:46.2, 3.0, 35.89N, 97.21W, h0km, mb3.9/4, mb1 4.0/13, mb1mx3.8/32, mbtmp3.9/13, ML3.6/8, MS3.2/18, M4.1 3.1/18, ms1mx3.1/32, Error ellipse: s-maj=11.9km s-min=8.8km az=153.0

TUL 12 17:11:46.2, 2.2, 35.86N, 0.03, 97.32W, 0.02, h4km, 5km, ML4.3, mb3.9/22(NEIC), Mw4.0/53(NEIC), Error ellipse: s-maj=4.9km s-min=2.4km az=163.0

NEIC 12 17:11:46.7, 3.5, 86N, 97.32W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.03; Mxx1.22; Mxx-1.19; Mxx-0.31; Mxx0.32; Mxx-0.55; Fault plane solution: M=1.4000x10^15 NP1, 3E, 15000, 386, 95000, A=153.66000, NP2, 306.65000, 363, 70000, A=3.40000. Principal axes: T 1.3699, Azm16.0000, Azm169.0000; N 0.0501, Plg63.0000, Azm144.0000; P -1.4201, Plg21.0000, Azm266.0000

CERI 12 17:11:47.0, 3.5, 87N, 97.27W, h69km, 27km, ISC 12 17:11:46.0, 0.9, 35.82N, 0.02, 97.31W, 0.02, h10km, 6km, n326, e1973/359, mb4.1/14, MS3.2/9, Oklahoma

Main table of seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like OK029 Liberty Lake, ADOK Arcadia Dam, ADOK OK005 Luther M Schoo, etc.

Main table of seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like KSCO baz=125, KSCO Kaye Shedlock, CCM Cathedral Cave, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Pn, S, Sb, and other parameters. Includes entries like L44A Lake County Fo, PV20 West Nyswonger, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Pn, S, Sb, and other parameters. Includes entries like SADO Sadowa, SADO SADO, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes entries like WMOK Wachita, WMOK Wachita Mouta, etc.

H11N1	WAKE ISLAND Hy 27.32 122 T T 18 18 56.0
H11N3	WAKE ISLAND Hy 27.32 122 T T 18 18 59.9
H11S1	WAKE ISLAND Hy 28.04 124 T T 18 19 48.0
H11S3	WAKE ISLAND Hy 28.04 124 T T 18 19 49.7
H11S2	WAKE ISLAND Hy 28.05 124 T T 18 19 52.2
ENH	Enshi 28.22 266 P Iamb Iamb 17 50 13.0 +1.1
ENH	Enshi 17 50 24.9
SONM	Songino Array 28.61 304 P P 17 50 17.4 +2.1
UNV	Unalaska Valle 38.67 47 P P 17 51 41.8 +0.3
ZALV	Zalesovo Beam 42.67 312 P P 17 52 16.8 +1.3
MKAR	Makanchi Array 44.95 302 P P 17 52 34.0 +0.1
MAKZ	Makanchi 45.16 302 P P 17 52 35.8 +0.2
MAKZ	Makanchi 17 52 38.6
KURK	Kurchatov 46.72 308 P P 17 52 47.2 -0.6
KURBB	Kurchatov Arra 46.78 308 P P 17 52 47.8 -0.5
ILAR	Eislos Array 47.12 312 P P 17 53 05.6 -0.6
BVAR	Borovoye Array 51.33 313 P P 17 53 23.7 +0.6
CSI	Warramunga Arr 57.06 189 P P 17 54 05.5 +0.3
WRO	Warramunga Arr 57.06 189 P Iamb Iamb 17 54 05.7
WB2	Warramunga Arr 57.06 189 P Iamb Iamb 17 54 05.5 +0.3
WB2	Warramunga Arr 17 54 36.7
WRA	Warramunga Arr 57.06 189 P P 17 54 04.3 -0.9
ASAR	Alice Springs 60.79 189 P P 17 54 31.3 +0.2
FINES	FINESS Array B 69.35 333 P P 17 55 27.9 +1.6
PDAR	Pinedale Array 77.11 46 P P 17 56 13.5 +0.8
PDAR	Pinedale Array 17 56 13.5 +0.8
IDC	12 17:49:16.4 0.3, 55:36S:27.90W, h0km, mb5.2/29, Mb1 5.2/30, mb1mx5.1/37, mbtmp5.2/30, ML5.4/1, MSS.1/19, Ms1 5.1/19, ms1mx5.0/25, Error ellipse: s-maj=12.7km, s-min=8.9km az=39.0
NEIC	12 17:49:17.1 1.7, 55:42S:0:09.28:0W:0.1, h6km, 1km, mb5.7/99, Ms_20 5.3/752, Mw5.6/21, Mww5.6, Mw5.6(GCMT), Error ellipse: s-maj=16.1km, s-min=12.9km az=206.0
MOS	12 17:49:18.7 0.9, 55:48S:28:09W, h21km, mb5.8/14, MS5.2/28, Error ellipse: s-maj=15.9km s-min=10.0km az=112.8
NEIC	12 17:49:19.1, 55:39S:28:00W, h6km, Moment Tensor Solution. Moment tensor: Scale 10 ¹⁷ Nm; Mr1:56; Mr2:1.79; Mr3:0.23; Mn-0.86; Mn-0.97; Mn-1.78; Fault plane solution: M2:78000:10 ¹⁷ NP1:~83.78000 ⁰ , ~83.02000 ⁰ , ~37.70000 ⁰ . NP2:~320.84000 ⁰ , ~70.54000 ⁰ , ~117.21000 ⁰ . Principal axes: T: 2.8052, Plg56.0000 ⁰ , Azm266.0000 ⁰ ; N: -0.0551, Plg26.0000 ⁰ , Azm131.0000 ⁰ ; P: -2.7501, Plg21.0000 ⁰ , Azm31.0000 ⁰ .
NEIC	12 17:49:20.55:38S:27:83W, h26km, Moment Tensor Solution. Moment tensor: Scale 10 ¹⁷ Nm; Mr1:49; Mr2:1.41; Mr3:1.07; Mn-0.70; Mn-1.31; Mn-0.49; Fault plane solution: M3:11000:10 ¹⁷ NP1:~335.0000 ⁰ , ~545.0000 ⁰ , ~1125.0000 ⁰ . NP2:~110.0000 ⁰ , ~854.0000 ⁰ , ~459.0000 ⁰ . Principal axes: T: 3.1073, Plg65.0000 ⁰ , Azm322.0000 ⁰ ; N: 0.1864, Plg24.0000 ⁰ , Azm129.0000 ⁰ ; P: -3.2037, Plg5.0000 ⁰ , Azm221.0000 ⁰ .
GCMT	12 17:49:24.1 0.1, 55:32S:0:01:27.95W:0.1, h15km, MW5.6/142, Moment Tensor Solution. s129.0231; s142.c275; Duration: 1s5 Moment tensor: Scale 10 ¹⁷ Nm; Mr1:1.88; Mr2:0.4; Mr3:0.61; Mn-0.3; Mn-1.27; Mn-0.82; Mn-0.7; Mn-1.78; Mn-0.2; Mr1:1.7; Mr2:0.8; Best double couple: M3:015000:10 ¹⁷ NP1:~122.0000 ⁰ , ~828.0000 ⁰ , ~1.63.0000 ⁰ . NP2:~333.0000 ⁰ , ~865.0000 ⁰ , ~1.04.0000 ⁰ . Principal axes: T: 2.6449, Plg66.0000 ⁰ , Azm289.0000 ⁰ ; N: 0.6498, Plg20.0000 ⁰ , Azm146.0000 ⁰ ; P: -3.2948, Plg13.0000 ⁰ , Azm52.0000 ⁰ .
ISC	12 17:49:18.7 0.7, 55:40S:0:05:28.02W:0.04, h16km, 3km, n938.0131/649, mb5.6/75, MS5.3/443, 9C-3D, South Sandwich Islands region

PLTB	Pedras Altas 29.71 312 eP P 17 55 25.3 +1.5
LL01	San Ignacio de 14.01 276 P P 17 55 38.4 -0.1
PLCA	Paso Flores 31.43 280 P P 17 55 38.0 -1.0
PLCA	comp=Z,15nm,1.1s,baz=143,slow=8.4,SNR=8.6 LR LR 18 09 32.3
PLCA	comp=Z,3um,19.3s,baz=126,slow=39 Paso Flores 31.43 280 P P 17 55 38.4 -0.6
PLCA	comp=Z,41nm,1.4s Paso Flores 31.43 280 P P 17 55 38.4 -0.6
PLCA	Paso Flores 31.43 280 P P 17 55 38.8 -0.2
GO07	Miladillo Hill, 31.64 274 IAMS_20 IAMS_20 18 08 21.9
SYO	comp=Z,6um,20.0s Syowa Base 32.38 142 IJP P 17 55 46.2 -0.7
SYO	Syowa Base 32.38 142 IJP P 17 55 47.8 +0.9
ITAB	Concordia 33.13 318 eP P 17 55 55.2 +1.4
TJ01	Garunaru-PR 33.76 324 eP P 17 55 59.6 +0.1
BI02	San Fabin de 34.88 284 P P 17 56 05.6 -0.8
GSPA	South-Zum 18.0s 34.85 190 IAMS_20 IAMS_20 18 11 03.1
SPB	Sao Paulo 34.87 328 P P 17 56 10.8 +1.7
SPB	Sao Paulo 34.87 328 eP P 17 56 10.9 +1.9
TCA	Tanti 35.21 298 I P P 17 56 11.8 -0.2
IAO	Vinhos 35.29 320 P P 17 56 14.6 +1.9
PTBG	Pitaguazu 35.39 320 P P 17 56 15.2 +0.5
BI03	Tigo 35.52 282 P P 17 56 14.5 0.0
BI03	IAMS_20 IAMS_20 18 12 14.0
FRFB	comp=Z,4um,18.0s Villa Florida 35.78 325 eP P 17 56 18.1 +1.2
CPUP	CPUP 36.03 312 P P 17 56 19.1 +0.2
CPUP	comp=Z,82nm,1.0s,baz=150,slow=8.2,SNR=73 ScP ScP 18 02 28.9 -1.4
CPUP	comp=Z,4.1nm,0.8s,baz=19,slow=1.3,SNR=5.1 LR LR 18 10 35.2
CPUP	comp=Z,3um,19.9s,baz=160,slow=36 Villa Florida 36.03 312 P P 17 56 19.2 +0.2
CPUP	CPUP 17 56 20.9
CPUP	comp=Z,123nm,1.1s ScP ScP 18 02 30.5 +0.2
AAGR	Agrelo 36.03 291 I P P 17 56 18.7 -0.4
BO01	Tunca 36.25 287 P P 17 56 20.4 -0.5
GO05	Huala 36.25 286 P P 17 56 19.9 -0.9
GO05	Huala 36.25 286 I P P 17 56 18.9 -1.9
ASAL	Salagasta 36.52 292 P P 17 56 21.2 +1.3
BSCB	Som Sucesso 36.59 333 eP P 17 56 22.1 +0.3
MT05	Renca 36.82 289 P P 17 56 26.0 +0.3
MT05	Iamb Iamb 17 56 29.3
RTCV	comp=Z,321nm,1.4s Cerro Valdivia 36.83 293 I P P 17 56 25.3 -0.5
CFA	Coron Fontan 36.89 293 P P 17 56 26.0 -0.2
CFA	comp=Z,75nm,1.0s,baz=144,slow=9.2,SNR=94 ScS ScS 18 06 37.3 -3.4
CFA	comp=Z,1.1nm,0.3s,baz=218,slow=2.2,SNR=2.2 LR LR 18 11 29.7
CFA	comp=Z,4um,20.8s,baz=134,slow=36 Coron Fontan 36.87 293 I P P 17 56 25.8 -0.4
APLL	PUNTA DE LOS L 36.95 296 I P P 17 56 25.8 -1.1
PEL	Peledue 36.98 289 P P 17 56 27.5 +0.4
PEL	comp=Z,529nm,1.5s pmax pmax
PEL	comp=Z,2um,22.0s MLR MLR
PEL	Peledue 36.98 289 P P 17 56 27.5 +0.4
PEL	Peledue 36.98 289 I P P 17 56 28.2 +0.7
AUSP	Uspallata 36.99 291 I P P 17 56 27.9 -0.5
MT02	Curacav 37.14 288 P P 17 56 30.4
MT02	Iamb Iamb 17 56 30.4
ZON	comp=Z,207nm,1.4s Zonda 37.15 293 P P 17 56 28.6 0.0
ZON	comp=Z,63nm,0.9s pmax pmax
ZON	Zonda 37.15 293 P P 17 56 28.6 0.0
ZON	Zonda 37.15 293 I P P 17 56 28.2 -0.3
VABO	San Fabian 37.29 293 I P P 17 56 29.2 +0.5
RTLL	Coro Villicuim 37.21 283 I P P 17 56 28.2 -0.9
RIB01	Linhares ES 37.23 340 eP P 17 56 29.7 +0.5
RTLS	Leonito 37.28 292 I P P 17 56 30.2 +0.3
ROCI	El Roble 37.29 289 P P 17 56 30.5 +0.6
ROCI	El Roble 37.29 289 I P P 17 56 29.2 -0.7
TRCB	Terra Rica 37.35 321 eP P 17 56 31.5 +1.4
BSFB	Barr de Sao F 37.79 340 eP P 17 56 30.5 +1.1
ACLC	CERRO LA CRUZ 37.95 297 I P P 17 56 35.1 -0.4
PCMB	Pacambu 37.96 323 eP P 17 56 36.3 +0.9
SJMB	Sao Joao De Ma 37.98 339 eP P 17 56 36.7 +1.1
ACCO	Cerro Coronel 38.11 293 I P P 17 56 38.3 +1.3
CYA	Choya 38.17 299 I P P 17 56 36.3 -0.9
CYA	Choya 38.17 299 I P P 17 56 36.8 -0.4
ACDV	Cuesta del Vie 38.47 294 I P P 17 56 40.7 +0.9
CO02	Combarbal 38.65 291 P P 17 56 41.8 +0.5
CO02	Iamb Iamb 17 56 43.8
AROD	Rodeo 38.66 293 I P P 17 56 42.7 +1.1
AGUA	GUANDACOL 38.69 295 I P P 17 56 42.4 +0.8
CO03	El Pedregal 38.77 291 P P 17 56 43.0 +0.8
CO03	IAMS_20 IAMS_20 18 12 26.1
CO01	Juntas del Tor 39.13 293 P P 17 56 47.2 +1.7
CO01	IAMS_20 IAMS_20 17 56 49.2
CO01	comp=Z,158nm,1.2s ScP ScP 18 02 41.6 -0.7
CO01	CO01 18 12 35.8
VCA	Vinchina 39.15 296 I P P 17 56 47.0 +1.4
AHML	Horco Molle 39.31 301 P P 17 56 45.4 -1.5
GO04	Tololo Observa 39.35 292 P P 17 56 47.6 +0.3
GO04	Iamb Iamb 17 56 49.6
GO04	comp=Z,135nm,1.1s IAMS_20 IAMS_20 18 12 43.6
GO04	comp=Z,4um,19.0s Tololo Observa 39.35 292 I P P 17 56 47.9 +0.5
GO04	Tololo Observa 39.35 292 I P P 17 56 47.9 +0.5
AC05	El Transito 40.03 294 P P 17 56 54.7 +1.0
AC05	Iamb Iamb 17 56 56.6
AC05	comp=Z,254nm,1.3s IAMS_20 IAMS_20 18 12 27.4
IPMB	Ipameri,GO 40.40 330 eP P 17 56 57.0 +1.1
SUR	Sutherland 40.93 76 P P 17 56 59.6 -0.8
SUR	comp=Z,16nm,0.8s,baz=215,slow=9.5,SNR=11 LR LR 18 10 46.0
SUR	comp=Z,3um,20.8s,baz=216,slow=32 Sutherland 40.93 76 P P 17 57 01.2 +0.8
SUR	Sutherland 40.93 76 IAMS_20 IAMS_20 18 13 08.8
MAW	comp=Z,4um,18.0s 40.95 144 P P 17 57 05.9 0.0
MAW	comp=Z,18nm,0.8s,baz=235,slow=8.1,SNR=15 ScP ScP 18 02 46.9 -1.5
MAW	comp=Z,8.6nm,0.8s,baz=219,slow=5.1,SNR=9.3 ScS ScS 18 07 00.9 -2.2
MAW	comp=Z,2.3nm,1.0s,baz=323,slow=2.1,SNR=1.6 LR LR 18 14 34.0
MAW	comp=Z,3um,18.1s,baz=254,slow=37 Llanos de Chal 41.06 293 P P 17 57 00.5 +0.7
MAW	MAW 18 02 47.6 -0.6
AC04	Llanos de Chal 41.06 293 P P 17 57 01.9 +0.7
AC04	comp=Z,333nm,1.1s IAMS_20 IAMS_20 18 12 46.3
GO03	Copiap 41.12 295 P P 17 57 02.0 +0.2
GO03	Iamb Iamb 17 57 03.9
GO03	comp=Z,135nm,1.1s 41.12 295 P P 17 57 00.8 -1.0
GO03	Copiap 41.12 295 I P P 17 57 03.3 +1.4
C25B	Chapadão do Su 41.13 303 I P P 17 57 01.0 -1.0
SLA	San Lorenzo 41.13 303 I P P 17 57 01.0 -1.0
AC02	Maricunga 41.16 297 P P 17 57 02.9 +0.2
AC02	Iamb Iamb 17 57 06.2
AZAP	comp=Z,199nm,1.2s 41.34 304 I P P 17 57 04.0 +0.1
JANB	Januaría 42.18 336 eP P 17 57 13.3 +0.8
HJA	Humahuaca 42.37 304 I P P 17 57 13.3 +0.8
AC01	Pan de Azucar 42.48 296 P P 17 57 13.4 +0.6
AC01	Iamb Iamb 17 57 15.2
GDU01	comp=Z,249nm,1.2s 42.55 343 eP P 17 57 14.0 +0.5
BDFB	Brasilia 42.57 331 P P 17 57 14.7 +0.9
GDU01	comp=Z,15nm,0.9s,baz=159,slow=8.9,SNR=16 LR LR 18 13 30.2
BDFB	comp=Z,4um,18.0s,baz=158,slow=34 Brasilia 42.57 331 P P 17 57 14.9 +1.1
BDFB	Brasilia 42.57 331 P IAMS_20 IAMS_20 18 14 06.2
BDFB	comp=Z,4um,19.0s 42.57 331 P P 17 57 16.4 +0.8

GO02	comp=Z,324nm,1.4s Iamb Iamb 17 57 18.5
SHEL	comp=Z,324nm,1.4s Horse Pasture 42.93 32 IAMS_20 IAMS_20 18 11 07.5
YJA	comp=Z,4um,20.0s 43.30 305 I P P 17 57 20.6 +0.5
PB14	IPOC Station P 43.63 297 P P 17 57 22.5 -0.1
ARAG	Araguaiana, MT 43.64 326 eP P 17 57 23.5 +1.2
PB15	IPOC Station P 44.34 299 P IAMS_20 IAMS_20 18 15 04.0
PB15	comp=Z,3um,21.0s IPOC Station P 44.34 299 I P P 17 57 29.3 +1.2
LVC	Limon Verde 44.57 300 LR LR 18 14 28.9
LVC	Limon Verde 44.57 300 LR LR 17 57 31.6 +1.5
LVC	comp=Z,7um,21.8s,baz=164,slow=34 Iamb Iamb 17 57 31.6 +1.5
LVC	comp=Z,162nm,1.2s pmax pmax
LVC	comp=Z,2um,20.0s Limon Verde 44.57 300 P Iamb Iamb 17 57 31.6 +1.5
LVC	comp=Z,162nm,1.1s Limon Verde 44.57 300 eP P 17 57 31.8 +1.7
LVC	Limon Verde 44.57 300 eP P 17 57 30.6 +0.5
PB10	IPOC Station P 44.63 298 P Iamb Iamb 17 57 31.2 +1.0
PB10	Iamb Iamb 17 57 34.2
PB10	comp=Z,103nm,1.3s IPOC Station P 44.63 298 I P P 17 57 30.9 +0.7
SBALV	Santo Antonio 44.79 321 eP P 17 57 32.3 +0.8
PB06	IPOC Station P 44.81 300 P P 17 57 32.5 +0.7
PB06	IPOC Station P 44.81 306 P P 17 57 32.9 +1.0
SDBA	SAO DESIDERIO 44.88 336 eP P 17 57 33.1 +0.8
PB05	IPOC Station P 45.00 299 I P P 17 57 34.1 +0.8
PB09	IPOC Station P 45.42 301 P P 17 57 38.3 +1.6
PB09	IPOC Station P 45.42 301 I P P 17 57 38.7 +2.1
PB03	IPOC Station P 45.46 300 I P P 17 57 38.0 +1.1
PB07	IPOC Station P 45.79 300 P Iamb Iamb 17 57 40.7 +1.0
PB07	Iamb Iamb 17 57 42.4
PB07	comp=Z,135nm,1.1s IPOC Station P 45.79 300 I P P 17 57 40.9 +1.2
PEBX	Peixe 46.02 332 eP P 17 57 42.5 +1.3
PB02	IPOC Station P 46.14 300 I P P 17 57 43.5 +1.2
PB01	IPOC Station P 46.17 301 P P 17 57 43.9 +1.3
PB01	IAMS_20 IAMS_20 18 16 15.5
BOSA	comp=Z,3um,22.0s Boshof 46.27 77 P pmax 17 57 43.2 -0.1
BOSA	comp=Z,68nm,1.1s Boshof 46.27 77 P Iamb Iamb 17 57 43.2 -0.1
BOSA	comp=Z,68nm,1.1s Boshof 46.27 77 P Iamb Iamb 17 57 44.9
PTBL	comp=Z,68nm,1.1s IPOC Station P 46.50 317 eP P 17 57 45.8 +0.7
PB08	IPOC Station P 46.78 302 P Iamb Iamb 17 57 49.1 +1.5
PB08	comp=Z,102nm,0.9s pCp pCp 17 59 22.8 +2.0
PB08	IPOC Station P 46.78 302 P P 17 57 43.5 +1.2
SIV	San Ignacio 46.79 314 P P 17 57 47.1 -0.2
SIV	comp=Z,18nm,1.1s,baz=168,slow=7.3,SNR=42 ScP ScP 18 03 12.3 -0.7
TA01	Diego Aracena 46.92 301 Iamb Iamb 17 57 49.1 +0.9
TA01	Iamb Iamb 17 57 50.9
VNDA	Vanda 47.20 183 P P 17 57 51.1 +1.2
VNDA	comp=Z,26nm,0.7s,baz=185,slow=6.8,SNR=105 pmax pmax 17 57 50.6 +0.8
VNDA	Vanda 47.20 183 Pmax pmax
VNDA	comp=Z,62nm,1.0s Vanda 47.20 183 P Iamb Iamb 17 57 50.6 +0.8
VNDA	comp=Z,62nm,0.9s Iamb Iamb 17 58 03.3
GO01	Chusmiza 47.20 302 P P 17 57 52.2 +1.1
GO01	IAMS_20 IAMS_20 17 59 23.6 +1.2
PB11	IPOC Station P 47.35 302 P P 17 57 52.5 +0.6
PB11	IPOC Station P 47.35 302 P P 17 59 24.1 +1.2
PB11	IPOC Station P 47.35 302 I P P 17 57 53.2 +1.3
PSGCX	Pisagua 47.71 301 P P 17 57 55.3 +0.7
PSGCX	Iamb Iamb 17 57 57.0
PSGCX	comp=Z,116nm,1.2s 47.71 301 I P P 17 57 55.5 +0.6
MMNC	Minye Minye 47.86 302 P P 17 57 57.4 +1.6
MNWX	Minye Minye 47.86 302 I P P 17 57 57.4 +1.5
ASCN	Ascension 48.57 18 P P 17 58 01.2 +0.1
PB12	IPOC Station P 48.65 302 P P 17 58 02.0 +0.2
PB12	Iamb Iamb 17 58 18.4
PB12	comp=Z,94nm,1.3s IPOC Station P 48.65 302 I P P 17 58 03.3 +0.5
AP01	Chacalluta 48.87 302 P P 17 58 03.3 -0.1
SMTB	Santa Maria do 48.94 334 eP P 17 58 04.9 +0.9
VLB	Vilhena 49.19 317 eP P 17 58 06.2 +0.3
LBTB	Lobatas 49.28 75 P P 17 58 06.6 -0.1
LBTB	comp=Z,31nm,1.0s,baz=218,slow=9.0,SNR=24 Lobatas 49.2

Table with columns: ID, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like DBIC, ABPO, OPO, PUAC, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like SC01, TAM, BOAB, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like ITM, V55A, TIP, etc.

P49A	Miami Univ. Ec	106.17 318	IAMS_20	IAMS_20	18 52 53.2
PKME	Peaks-Kenny Pk	106.19 331	IAMS_20	IAMS_20	18 49 08.4
W39A	Magazine	106.23 309	IAMS_20	IAMS_20	18 56 11.8
J58A	Remsen	106.24 326	IAMS_20	IAMS_20	18 47 08.8
TUE	Stuetta	106.28 26	IAMS_20	IAMS_20	18 48 51.4
VT1	Waterbury	106.33 328	IAMS_20	IAMS_20	18 47 35.0
ALLY	Alegheny Colle	106.34 322	IAMS_20	IAMS_20	18 48 34.6
P48A	Milroy	106.38 317	IAMS_20	IAMS_20	18 59 24.8
NCB	Newcomb	106.45 327	IAMS_20	IAMS_20	18 50 02.6
WVNY	West Valley	106.48 323	IAMS_20	IAMS_20	18 51 08.2
F64A	Sherman	106.48 332	IAMS_20	IAMS_20	18 49 40.2
G62A	West Valley	106.49 330	IAMS_20	IAMS_20	18 49 39.5
N51A	Ashland	106.50 320	IAMS_20	IAMS_20	18 54 24.8
MMNY	Mill Morris Dam	106.53 324	IAMS_20	IAMS_20	18 48 48.6
F63A	Nahkanta, Br	106.54 331	IAMS_20	IAMS_20	18 48 56.7
BLO	Bloomington	106.56 316	IAMS_20	IAMS_20	18 53 43.5
O49A	Covington	106.59 318	IAMS_20	IAMS_20	18 53 22.2
FUORN	Ofenpass-Fuorn	106.65 26	IAMS_20	IAMS_20	18 47 57.2
U52A	Chesterland	106.68 321	IAMS_20	IAMS_20	18 47 07.5
A04A	Yellville	106.80 310	IAMS_20	IAMS_20	18 57 49.8
OLIL	Olney	106.82 315	IAMS_20	IAMS_20	18 56 40.3
J55A	Hilton	106.98 324	IAMS_20	IAMS_20	18 48 27.4
E63A	Oxbow	107.02 332	IAMS_20	IAMS_20	18 49 57.3
FRNY	Flat Rock	107.04 328	IAMS_20	IAMS_20	18 48 18.0
PQI	Presque Isle	107.14 332	IAMS_20	IAMS_20	18 49 50.6
LONY	Lake Ozonia	107.15 327	IAMS_20	IAMS_20	18 50 23.0
M50A	Fremont	107.17 320	IAMS_20	IAMS_20	18 52 02.7
N49A	Columbus Grove	107.17 319	IAMS_20	IAMS_20	18 52 16.7
BATG	Bathurst New B	107.20 334	IAMS_20	IAMS_20	18 52 30.1
MGMO	Mountain Grove	107.22 311	IAMS_20	IAMS_20	18 53 23.9
P46A	Rosedale	107.22 316	IAMS_20	IAMS_20	18 51 09.8
J54A	Appletor	107.26 324	IAMS_20	IAMS_20	18 52 37.2
Q44A	Meyer Farm, Va	107.33 314	IAMS_20	IAMS_20	18 57 07.0
CISI	Cisompet, Garu	107.36 134	IAMS_20	IAMS_20	18 43 13.4
E62A	Clayton Lake	107.50 331	IAMS_20	IAMS_20	18 49 25.0
CCM	Cathedral Cave	107.54 312	IAMS_20	IAMS_20	18 53 28.8
U38A	Gravette	107.54 309	IAMS_20	IAMS_20	19 00 37.4
N47A	Urbana	107.71 318	IAMS_20	IAMS_20	18 55 39.9
TUL1	Leonard	107.73 308	IAMS_20	IAMS_20	18 57 06.4
D62A	Allapoint, All	107.79 332	IAMS_20	IAMS_20	18 49 14.9
SPIN	Lafayette	107.83 316	IAMS_20	IAMS_20	18 57 18.0
DELO	Deloro Mine	108.03 325	IAMS_20	IAMS_20	18 48 19.1
S39A	Bolivar	108.12 311	IAMS_20	IAMS_20	18 54 02.8
P43A	Skaggs, Pawnee	108.17 314	IAMS_20	IAMS_20	18 52 37.0
R40A	Maddies Statio	108.17 312	IAMS_20	IAMS_20	18 56 16.1
AAM	Ann Arbor	108.17 320	IAMS_20	IAMS_20	18 48 14.2
PLVO	Plevna	108.31 326	IAMS_20	IAMS_20	18 48 16.8
SADO	Sadowa	108.75 324	IAMS_20	IAMS_20	18 49 31.4
HDIL	Hopedale	108.85 315	IAMS_20	IAMS_20	18 58 21.1
MNTX	Cornudas Mount	108.85 298	IAMS_20	IAMS_20	18 55 28.2
SRIG	Santa Rosalia	108.90 291	IAMS_20	IAMS_20	18 51 51.4
CROK	Carrier	109.21 307	IAMS_20	IAMS_20	18 58 21.7
HQIL	Hanson Quarry C	109.34 317	IAMS_20	IAMS_20	18 58 33.9
J47A	Summer	109.42 320	IAMS_20	IAMS_20	18 56 05.0
ILGA	Ilgaz	109.46 45	IAMS_20	IAMS_20	18 54 22.6
EPT	El Paso	109.48 298	IAMS_20	IAMS_20	18 50 18.8
GE2C	GERESS Array B	109.59 28	IAMS_20	IAMS_20	18 49 10.2
GERES	GERESS Array B	109.59 28	PKIKP	PKIKP	18 07 45.5 -2.0
N41A	Harder Midland	109.61 314	IAMS_20	IAMS_20	18 53 31.3
AMTX	Amarillo	109.62 303	IAMS_20	IAMS_20	18 53 37.5
L44A	Lake County Fo	109.68 317	IAMS_20	IAMS_20	18 58 26.1
GRA1	Grabenberg Arr	109.74 26	IAMS_20	IAMS_20	18 54 56.9
KHC	Kasperske Hory	109.83 28	ePP	PP	18 08 17.8 -3.2
KHC			eSKS	SKKSac	18 14 27.5 +3.6
KHC			ePS	PS	18 17 57.9 +1.0
KHC			eAMS	AMS	18 48 40.0
P38A	Dawn	109.83 312	IAMS_20	IAMS_20	18 57 05.9
J45A	Montague	110.17 319	IAMS_20	IAMS_20	18 50 05.0
L42A	Oliver, Polo	110.22 316	IAMS_20	IAMS_20	18 54 12.5
K43A	Surlinton	110.29 317	IAMS_20	IAMS_20	18 57 20.2
D53A	Lac Vaciue, Po	110.33 326	IAMS_20	IAMS_20	18 48 46.0
MLR	Muntele Ross	110.35 37	IAMS_20	IAMS_20	19 04 51.3
TREC	Trest	110.49 29	AMS	AMS	18 50 30.0
PSZ	Piszkesteto	110.52 32	IAMS_20	IAMS_20	18 50 03.8
NKC	Novy Kostel	110.54 26	eSP	SP	18 17 56.8 +3.4
NKC			AMS	AMS	18 50 40.0
319A	Douglas	110.58 295	IAMS_20	IAMS_20	18 51 44.5
H45A	Fountain	110.63 319	IAMS_20	IAMS_20	18 49 52.0
GLMI	Graying	110.71 321	IAMS_20	IAMS_20	18 51 44.2
KSU1	Kansas State U	110.73 309	IAMS_20	IAMS_20	18 58 45.8
121A	Cookes Peak, D	110.73 297	IAMS_20	IAMS_20	18 54 03.0
GOPC	GO Peckr Ondr	110.86 28	AMS	AMS	18 51 50.0
PRU	Pruhonice	110.86 28	eSP	SP	18 18 00.7 +4.3
PRU			AMS	AMS	18 50 40.0
L40A	Anamosa	110.90 315	IAMS_20	IAMS_20	18 59 25.4
PRA	Prague	110.91 28	AMS	AMS	18 50 40.0
R32A	Long Quarter,	111.11 307	IAMS_20	IAMS_20	18 57 26.1

VLDQ	Val d'Or	111.17 327	IAMS_20	IAMS_20	18 51 10.5
JFWS	Jewell Farm	111.22 316	IAMS_20	IAMS_20	18 54 29.9
PVCC	Panama Ves	111.36 28	AMS	AMS	18 50 25.0
MORC	Moravsky Berou	111.50 30	IAMS_20	IAMS_20	18 53 28.6
BRG	Berggiesshubel	111.51 27	PP	PP	18 08 26.0 -7.1
BRG			SKS	SKSac	18 14 27.0 -3.7
I42A	Draeger Farm,	111.52 317	IAMS_20	IAMS_20	18 54 08.8
Y22D	IRIS PASCAL 1	111.53 299	IAMS_20	IAMS_20	18 52 02.1
KRLC	Kraliky	111.55 29	AMS	AMS	18 51 40.0
CLL	Colim	111.67 26	ePP	PP	18 08 34.0 -0.2
CLL			eSKSac	SKKSac	18 14 31.0 -0.3
CLL			eSKKSac	SKKSac	18 15 32.0 -2.6
CLL			eSdif	Sdif	18 16 12.0 -0.5
CLL			ePPS	PS	18 18 04.0 -1.6
CLL			ePPS	PPS	18 19 12.0
CLL			eSS	SS	18 24 06.0 -2.9
CLL			eSSSS	SSS	18 28 12.0
CLL			eSSSS	SSS	18 31 30.0
CLL			LmH	LmH	18 52 00.0
CLL			LmV	LmV	19 11 00.0
CLL			Lm	MLR	19 24 00.0
CLL			Lm	MLR	19 24 00.0
CLL			Lm	MLR	19 24 00.0
DCC	Dobruska-Polam	111.67 29	AMS	AMS	18 52 00.0
OKC	Ostrava-Krasne	111.72 30	eSP	SP	18 18 07.5 +3.2
OKC			AMS	AMS	18 54 10.0
UPC	Upice	111.73 29	eSP	SP	18 18 07.7 +3.4
UPC			AMS	AMS	18 51 50.0
N35A	Tabor	111.75 311	IAMS_20	IAMS_20	18 53 19.0
CHVC	Chvalec	111.82 29	AMS	AMS	18 51 00.0
OSTC	Ostas	111.83 29	eSP	SP	18 18 10.9 +5.7
OSTC			AMS	AMS	18 54 30.0
ANMO	Albuquerque	111.99 300	IAMS_20	IAMS_20	18 54 05.3
K38A	Parkersburg	112.02 314	IAMS_20	IAMS_20	19 00 11.0
ESK	Eskdalemire	112.21 15	IAMS_20	IAMS_20	18 53 08.3
N33A	J Bar K, Exete	112.44 310	IAMS_20	IAMS_20	18 56 48.1
T25A	Trinidad	112.74 303	P	PKIKP	18 07 54.8 +0.8
T25A			AMS	AMS	18 55 37.2
214A	Organ Pipe Nat	112.87 293	PP	PP	18 08 42.3 -0.8
E43A	Lone Tree Park	112.90 320	IAMS_20	IAMS_20	18 50 25.2
L34A	Svendsen Farm	112.97 311	IAMS_20	IAMS_20	18 55 03.3
G40A	Rib Lake	113.18 317	IAMS_20	IAMS_20	18 59 57.6
BGNE	Belgrade	113.29 310	IAMS_20	IAMS_20	18 57 14.7
KSCO	Keye Sheddok	113.39 305	IAMS_20	IAMS_20	18 56 45.4
I37A	Lemond, Waseca	113.41 314	IAMS_20	IAMS_20	19 01 12.8
LVV	L'vov	113.49 34	iPKIKP	PKIKP	18 08 02.8 +8.1
LVV			e	e	18 09 50.3
LVV			ePS	PS	18 18 30.4 +8.0
LVV			MLR	MLR	
LVV			MLR	MLR	
SPX	San Pedro Mart	113.55 291	IAMS_20	IAMS_20	18 53 59.6
SDCO	Great Sand Dun	113.75 302	P	PKIKP	18 07 56.7 +0.7
SDCO			AMS	AMS	18 07 56.1 0.0
SDCO			AMS	AMS	18 58 21.8
W18A	Petrified Fore	113.77 298	IAMS_20	IAMS_20	18 55 50.4
SOC	Sochi	114.03 47	iPKIKP	PKIKP	18 07 58.8 +2.8
SOC			ePS	PS	18 18 27.9 +0.4
SOC			eSS	SS	18 24 41.0 +0.5
ANN	Anapa	114.08 45	iPKIKP	PKIKP	18 07 54.3 -1.7
ANN			ePS	PS	18 08 51.2
ANN			pmax	pmax	18 18 26.2 -1.7
ANN			MLR	MLR	
X16A	Lo Mia Camp, P	114.09 296	IAMS_20	IAMS_20	18 54 04.9
KAPI	Kappang	114.17 144	IAMS_20	IAMS_20	18 59 48.2
SPMN	Marine on St.	114.17 316	IAMS_20	IAMS_20	18 55 54.8
S22A	4UR Ranch, Cre	114.39 301	P	PKIKP	18 07 58.4 +1.1
S22A			PKIKP	PKIKP	18 07 57.8 +0.5
S22A			IAMS_20	IAMS_20	18 55 39.9
ECSD	EROS Data Cent	114.52 312	P	PKPfd	18 07 56.8 -0.1
ECSD			PKIKP	PKPfd	18 07 56.4 -0.6
K31A	O'Neill	114.54 310	IAMS_20	IAMS_20	18 56 44.7
ESUJ	Sierra Juarez	114.56 291	IAMS_20	IAMS_20	18 55 04.2
MVCO	Mesa Verde	114.79 300	IAMS_20	IAMS_20	18 55 21.4
E38A	The Farm, Brul	114.81 317	PP	PP	18 08 53.4 -3.3
E38A			IAMS_20	IAMS_20	19 00 27.9
F36A	Milaca	114.98 315	IAMS_20	IAMS_20	18 56 09.3
ISCO	Idaho Springs	115.42 304	iPKIKP	PKIKP	18 07 59.7 +0.5
ISCO			MLR	MLR	
ISCO	Idaho Springs	115.42 304	P	PKIKP	18 08 00.2 +0.9
ISCO			PKIKP	PKIKP	18 07 59.7 +0.5
BAR	Barrett	115.47 291	IAMS_20	IAMS_20	18 55 25.5
KBZ	Khabaz	115.50 49	iPKIKP	PKIKP	18 07 58.9 +0.1
KBZ			pmax	pmax	
MONP2	Monument Peak	115.50 291	P	PKIKP	18 07 59.9 +0.5
BC3	Big Chuckwall	115.58 293	P	PKIKP	18 08 00.5 +1.1
KIV	Kislodovsk	115.59 49	iPKIKP	PKIKP	18 07 59.1 0.0
KIV			ePS	PS	18 09 01.1
KIV			eSS	SS	18 18 42.4 +0.4
KIV			pmax	pmax	18 25 02.9 +1.6
KIV			MLR	MLR	
KIV			MLR	MLR	
PV03	Paradox Valley	115.78 300	IAMS_20	IAMS_20	19 00 00.6
PV03			IAMS_20	IAMS_20	19 05 29.3
W13A	Hualapai Mount	115.88 295	PKIKP	PKIKP	18 08 00.8 +0.7
W13A			PP	PP	18 09 04.3 -0.3
AKT	Akhty	115.88 54	iPKIKP	PKIKP	18 08 00.5 +0.7
AKT			e	e	18 09 05.0

AKT			pmax	pmax	
EYMN	Ely	115.90 318	P	PKIKP	18 07 59.7 +0.3
EYMN			IAMS_20	IAMS_20	19 03 14.6
PV20	West Nyswonger	115.90 300	IAMS_20	IAMS_20	18 55 42.9
AKASE	Main Array Be	115.95 36	PKP	PKPfd	18 07 58.1 -1.3
AKBB	Main Array Si	115.95 36	iPKIKP	PKIKP	18 08 00.0 +0.6
XPFO	Pion Flat	116.08 292	IAMS_20	IAMS_20	18 50 42.5
PFO	Pinyod Flats O	116.08 292	IAMS_20	IAMS_20	18 50 42.5
U15A	North Rim	116.08 297	IAMS_20	IAMS_20	18 55 02.8
F33A	5 Mile Ranch,	116.09 314	IAMS_20	IAMS_20	19 02 35.6
BELC					

QLMT	Earthquake Lak	122.04	303	PKP	PKIKP	18 08 13.0	+1.2
OBVN	Obninsk	122.12	38	iPKIKP	PKIKP	18 08 11.5	+0.2
OBN				e		18 08 16.0	
OBN				e PPP	PPP	18 09 52.2	
OBN				e PPS	PS	18 19 44.8	+4.6
OBN				e SSS	SSS	18 19 59.0	
OBN				e pmax	pmax		
OBN	Obninsk	122.12	38	IAMS_20	IAMS_20	19 01 12.5	
AFDM	Forest Hills D	122.49	293	PKP	PKIKP	18 08 13.3	+0.6
HLID	Hailey	122.55	301	PKP	PKIKP	18 08 13.9	+1.1
HLID	Hailey	122.55	301	PP	PP	18 09 50.6	+0.1
HLID	Hailey	122.55	301	IAMS_20	IAMS_20	19 00 47.7	
BOZ	Bozeman (W)	122.70	304	P	PKIKP	18 08 13.7	+0.7
MOS	Moscow	122.92	38	iPKIKP	PKP	18 08 12.4	-0.3
MOS				e MLR	MLR	18 09 56.4	
MOS							
DLMT	Dillon	122.99	303	IAMS_20	IAMS_20	19 05 17.5	
NIL	Nilore	123.09	78	PKIKP	PKP	18 08 13.6	-0.2
NIL	Nilore	123.09	78	PKP	PKP	18 09 49.6	-4.7
NIL	Nilore	123.09	78	IAMS_20	IAMS_20	19 02 54.3	
NIL	Nilore	123.09	78	PKP	PKP	18 08 13.6	-0.2
NIL	Nilore	123.09	78	PKP	PKP	18 09 49.6	-4.7
NIL	Nilore	123.09	78	IAMS_20	IAMS_20	19 02 54.3	
MYLDM	Lahad Datu	123.20	139	IAMS_20	IAMS_20	19 02 25.7	
ORV	Orville	123.21	293	IAMS_20	IAMS_20	18 54 18.5	
SFJD	Kangerlussuaq	123.25	350	IAMS_20	IAMS_20	18 52 07.3	
GDXM	Geyers	123.35	291	IAMS_20	IAMS_20	18 57 50.1	
EGMT	Eagleton	123.62	307	P	PKIKP	18 08 15.1	+0.4
EGMT	Eagleton	123.62	307	PKP	PKP	18 08 14.9	+0.3
O03E	Paynes Creek	123.91	293	P	PKIKP	18 08 15.8	+0.3
FINES	FINES Array B	124.03	28	PKP	PKP	18 08 14.5	-0.1
MOD	Modoc Plateau	124.30	293	PKP	PKP	18 08 15.7	-0.3
MOD	Modoc Plateau	124.30	293	PKP	PKP	18 10 00.6	-1.6
J08A	Circle Bar Ran	124.42	298	IAMS_20	IAMS_20	19 01 05.3	
MSO	Missoula	124.70	304	P	PKIKP	18 08 17.5	+0.6
MSO	Missoula	124.70	304	PKP	PKP	18 08 16.2	-0.4
N02D	Trinity Center	124.88	293	PKP	PKP	18 08 18.4	+1.0
BMO	Blue Mountains	124.91	300	IAMS_20	IAMS_20	19 02 17.3	
M04C	Macdoel	125.01	294	P	PKIKP	18 08 18.5	+0.8
K05A	Summer Lake	125.19	296	PKP	PKP	18 08 18.9	+0.8
K05A	Summer Lake	125.19	296	IAMS_20	IAMS_20	18 59 15.9	
M02C	Callahan	125.25	293	P	PKIKP	18 08 19.0	+0.9
FFC	Flin Flon	125.28	317	IAMS_20	IAMS_20	19 05 06.8	
KHMM	Horse Mountain	125.34	292	PKP	PKP	18 08 18.2	-0.2
I07A	Ize	125.46	298	PKP	PKP	18 08 18.7	+0.2
I07A	Ize	125.46	298	IAMS_20	IAMS_20	19 04 04.8	
FCC	Fort Churchill	125.48	324	IAMS_20	IAMS_20	19 08 41.8	
L04D	Klamath Falls	125.56	294	P	PKIKP	18 08 19.2	+0.4
F10A	Beach Ranch, E	125.67	301	IAMS_20	IAMS_20	19 08 40.5	
CMAR	Chiang Mai Arr	125.73	111	PKP	PKP	18 08 19.1	-0.1
CMAR	Chiang Mai Arr	125.73	111	PKP	PKP	18 10 12.1	+0.6
J05D	Fort Rock, OR	125.77	296	P	PKIKP	18 08 20.0	+0.9
PINE	Pine Mountain	125.98	297	IAMS_20	IAMS_20	19 07 37.6	
CHTO	Chiang Mai	126.03	111	PKP	PKP	18 08 18.9	-0.9
CHTO	Chiang Mai	126.03	111	PKP	PKP	18 08 18.9	-0.9
G08A	Pilot Rock	126.04	299	IAMS_20	IAMS_20	19 00 11.3	
J04D	Umpqua Nationa	126.19	295	P	PKIKP	18 08 21.2	+1.1
W04A	Waterton Lakes	126.28	306	PKP	PKP	18 08 18.9	-0.6
BTK	Batken	126.42	70	PKP	PKP	18 08 20.5	0.0
BTK	Batken	126.42	70	PKP	PKP	18 08 20.5	0.0
E09A	Wood Arm, Sta	126.51	301	IAMS_20	IAMS_20	19 03 22.5	
I05D	Terrebonne, OR	126.57	297	P	PKIKP	18 08 21.7	+1.1
K02D	Williamette Mer	126.61	294	P	PKIKP	18 08 21.8	+1.0
I04A	Tendick Farm,	126.73	296	P	PKIKP	18 08 21.1	+0.2
E08A	Dider Farm, El	126.94	300	PKP	PKP	18 08 20.7	0.0
E08A	Dider Farm, El	126.94	300	IAMS_20	IAMS_20	19 05 52.0	
F07A	Phinny Hill Vi	126.95	299	IAMS_20	IAMS_20	19 12 05.3	
HAWA	Hanford	127.10	300	IAMS_20	IAMS_20	19 02 27.4	
I03D	Drain, OR	127.15	295	P	PKIKP	18 08 22.2	+0.6
G05D	Wamic, OR	127.19	298	P	PKIKP	18 08 22.7	+0.9
NEW	Newport	127.24	303	PKP	PKP	18 08 20.9	-0.4
NEW	Newport	127.24	303	PKP	PKP	18 08 21.5	-0.3
NEW	Newport	127.24	303	PKP	PKP	18 08 20.7	-0.5
NEW	Newport	127.24	303	IAMS_20	IAMS_20	19 06 44.9	
H04A	Detroit Lake	127.24	297	IAMS_20	IAMS_20	19 04 30.1	
D08A	Wollman Farm,	127.27	301	IAMS_20	IAMS_20	19 08 03.7	
AKTO	Aktuybinsk	127.32	53	PKP	PKP	18 08 21.6	+0.3
E07A	Sunnyside	127.38	300	IAMS_20	IAMS_20	19 05 56.6	
H04D	Lebanon	127.41	296	P	PKIKP	18 08 23.6	+1.4
C09A	Christman Ranch	127.47	302	IAMS_20	IAMS_20	19 05 33.0	
IUG	Iuzhny	127.48	68	ePKP	PKP	18 08 23.2	+0.2
IUG	Iuzhny	127.48	68	LR	LR	19 09 50.2	
IUG	Iuzhny	127.48	68	ePKIKP	PKP	18 08 22.2	+0.2
IUG	Iuzhny	127.48	68	pmax	pmax		
SHL	Shilling	127.54	99	PKIKP	PKP	18 08 22.6	-0.2
SHL	Shilling	127.54	99	PKP	PKP	18 08 22.6	-0.2
SHL	Shilling	127.54	99	PKP	PKP	18 08 20.0	-1.4
SHL	Shilling	127.54	99	ePKIKP	PKP	18 08 20.0	-1.4
SHL	Shilling	127.54	99	pmax	pmax		
SHL	Shilling	127.54	99	PKP	PKP	18 08 20.0	-1.4
SHL	Shilling	127.54	99	PKP	PKP	18 08 23.7	
SHL	Shilling	127.54	99	PKP	PKP	18 08 25.7	+2.4
COR	Corvallis	127.75	296	IAMS_20	IAMS_20	19 05 31.4	
SUMG	Summit	127.89	356	iP	PKIKP	18 08 23.5	+0.7
SUMG	Summit	127.89	356	PKP	PKP	18 08 22.8	0.0
SUMG	Summit	127.89	356	PKP	PKP	18 08 22.8	0.0
SUMG	Summit	127.89	356	PKP	PKP	18 08 22.8	0.0
SUMG	Summit	127.89	356	PKP	PKP	18 08 22.8	0.0
SUMG	Summit	127.89	356	PKP	PKP	18 08 22.8	0.0

F04A	Amboy	128.23	298	IAMS_20	IAMS_20	19 01 12.1	
LTY	Liberty	128.27	300	IAMS_20	IAMS_20	19 04 57.0	
B08A	Colville Reser	128.37	302	IAMS_20	IAMS_20	19 10 37.8	
KK31	Karatay Array	128.40	68	PKIKP	PKP	18 08 23.5	-0.1
KK31	Karatay Array	128.40	68	PKP	PKP	18 08 23.5	-0.1
LO3N	Longmire	128.49	299	IAMS_20	IAMS_20	19 10 40.9	
DZA	Taraz	128.69	68	ePKP	PKP	18 08 24.0	-0.2
DZA	Taraz	128.69	68	LR	LR	19 11 09.1	
DZA	Taraz	128.69	68	ePKIKP	PKP	18 08 24.0	-0.2
DZA	Taraz	128.69	68	pmax	pmax		
E04D	Cinebar	128.73	298	P	PKIKP	18 08 24.5	-0.2
F03A	Seaside	128.80	297	IAMS_20	IAMS_20	19 13 26.4	
KSH	Kashi	128.85	75	PKP	PKP	18 08 25.6	+0.2
KSH	Kashi	128.85	75	PKS	PKS	18 10 33.5	+1.1
KSH	Kashi	128.85	75	PKS	PKS	18 12 00.3	-1.0
KSH	Kashi	128.85	75	AMB	AMB		
KSH	Kashi	128.85	75	AMB	AMB		
KSH	Kashi	128.85	75	AMB	AMB		
KSH	Kashi	128.85	75	AMB	AMB		
D05A	Enumuluw	128.87	299	IAMS_20	IAMS_20	19 02 11.2	
E03A	Lebam	129.23	298	PKP	PKP	18 08 25.9	+0.2
E03A	Lebam	129.23	298	IAMS_20	IAMS_20	19 13 28.6	
KIRV	Kirov	129.40	41	PKP	PKP	18 08 25.5	-0.2
AML	Almalyshu	129.43	71	P	PKIKP	18 08 26.9	+0.1
B06A	Marblemont	129.53	301	PKP	PKP	18 08 25.1	-0.4
B06A	Marblemont	129.53	301	IAMS_20	IAMS_20	19 05 30.5	
TMCR	Tamitsa	129.56	31	ePKIKP	PKP	18 08 23.3	-1.8
TMCR	Tamitsa	129.56	31	pmax	pmax		
B05A	Bryant	129.66	300	P	PKIKP	18 08 26.9	+0.4
D03D	Eldon	129.66	299	P	PKIKP	18 08 27.6	+1.0
EKS2	Erkin-Say	129.84	70	P	PKIKP	18 08 27.4	+0.1
UCH	Uchtor	129.93	71	P	PKIKP	18 08 27.8	+0.1
NLWA	Neilton Lookou	129.95	298	IAMS_20	IAMS_20	19 08 54.8	
AAK	Ala-Archa	130.21	71	PKP	PKP	18 08 27.8	-0.3
AAK	Ala-Archa	130.21	71	PKP	PKP	18 08 28.1	0.0
AAK	Ala-Archa	130.21	71	PKP	PKP	18 08 28.0	-0.1
AAK	Ala-Archa	130.21	71	PKP	PKP	18 08 29.1	+0.7
LSA	Lhasa	130.30	95	PKP	PKP	18 08 29.6	+0.5
LSA	Lhasa	130.30	95	LR	LR	18 08 29.6	+0.5
LSA	Lhasa	130.30	95	LR	LR	18 08 29.6	+0.5
LSA	Lhasa	130.30	95	LR	LR	18 08 29.6	+0.5
LSA	Lhasa	130.30	95	LR	LR	18 08 29.6	+0.5
ARCES	ARCES Array B	130.51	22	PKP	PKP	18 08 26.1	-0.7
ARCES	ARCES Array B	130.51	22	PKP	PKP	18 11 50.5	+1.1
PGC	Sidney	130.59	300	IAMS_20	IAMS_20	19 05 12.5	
USP	Ospenovka	130.64	70	P	PKIKP	18 08 28.8	+0.1
APA	Apacity	130.83	26	iPKIKP	PKP	18 08 27.7	+0.3
APA	Apacity	130.83	26	pmax	pmax	18 10 46.0	
APA	Apacity	130.83	26	pmax	pmax	18 10 46.0	
KEV	Kevo	131.01	22	PKP	PKP	18 08 28.2	-0.4
KEV	Kevo	131.01	22	PKP	PKP	18 08 28.2	-0.4
KEV	Kevo	131.01	22	PKP	PKP	18 08 28.2	-0.4
KEV	Kevo	131.01	22	PKP	PKP	18 08 28.2	-0.4
KEV	Kevo	131.01	22	PKP	PKP	18 08 28.2	-0.4
LLL	Lilloet	131.11	302	IAMS_20	IAMS_20	19 07 52.4	
KULLO	Kullorsuaq	131.16	350	iPKIKP	PKP	18 08 28.2	+0.3
KULLO	Kullorsuaq	131.16	350	iPKIKP	PKP	18 08 28.2	+0.3
KULLO	Kullorsuaq	131.16	350	iPKIKP	PKP	18 08 28.2	+0.3
KULLO	Kullorsuaq	131.16	350	iPKIKP	PKP	18 08 28.2	+0.3
KULLO	Kullorsuaq	131.16	350	iPKIKP	PKP	18 08 28.2	+0.3
LVZ	Lovozero	131.39	27	ePKIKP	PKP	18 08 29.8	+0.3
LVZ	Lovozero	131.39	27	PKP	PKP	18 08 28.4	-0.2
LVZ	Lovozero	131.39	27	PKP	PKP	18 06 41.5	
BTL	Baital	131.59	68	ePKP	PKP	18 08 29.7	+0.1
BTL	Baital	131.59	68	ePKIKP	PKP	18 08 29.7	+0.1
BTL	Baital	131.59	68	PKP	PKP	18 08 28.7	-0.6
ARU	Arti	131.61	48	PKP	PKP	18 08 30.1	-0.1
ARU	Arti	131.61	48	PKP	PKP	18 1	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like PEL Peldehue, AUSP Usapallata, ZON Zonda, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like NPGB Novo Progreso, SAML Samuel, CASY Casey, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like WBB Warramunga Arr, V48A Smith Brothers, CLTN Cedars of Leba, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FINES, KOLA, MSO, BMO, DAN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GLI, NRK, BTO, DMY, SML, HDA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SCRK, RIDG, ILAR, Eielson Array, etc.

Table with columns: JHJ, Hachioji jima 2, 3.51 194 P, Pn, 19 00 42.3 -0.2, etc.

IDC 12 19:01:01.8.2.1, 6.94S, 129.23E, h0km, mb3.7/1, mb1 4.1/16, mb1mx3.9/40, mbtmp3.7/3, ML3.8/2, Error ellipse: s-maj=137.9km s-min=31.6km az=67.0, Banda

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, 13.85 160 Pn, etc.

IDC 12 19:10:03.0.0.7, 36.91N, 142.33E, h0km, mb3.8/10, mb1 4.1/16, mb1mx3.9/40, mbtmp3.9/16, ML3.8/5, Error ellipse: s-maj=18.4km s-min=15.3km az=148.0

JMA 12 19:10:05.7.0.3, 36.94N, 142.27E, h34km, M4.4 NEIC 12 19:10:07.1.1.9, 36.92N, 142.06E, h27km, 5km, mb4.5/24, Error ellipse: s-maj=10.9km s-min=8.8km az=118.0

ISC 12 19:10:04.0.0.6, 36.95N, 142.37E, 0.05, h9km, n75, z=131774, mb4.0/19, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JFK Kawauchi, 1.26 290 Pn, etc.

Table with columns: CMAR Chiang Mai Arr, 42.21 256 P, P, 19 17 57.9 +0.4, ZAAO Zalesovo Array, 42.54 312 P, P, 19 18 01.0 +1.3, etc.

BER 12 19:20:08.4.1.2, 77.80N, 17.02E, h4km, 7km, ML0.7, Confirmed Earthquake, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPA0 Spitsbergen Ar, 0.41 341 eP, etc.

IDC 12 19:27:42.3.1.0, 36.32N, 127.16E, h0km, mb3.8/3, mb1 3.8/9, mb1mx3.5/42, mbtmp3.6/9, ML3.3/6, Error ellipse: s-maj=23.4km s-min=15.1km az=169.0

ATH 12 19:27:43.5, 36.47N, 127.08E, h28km, 2km, ML3.7/12, Error ellipse: s-maj=2.5km s-min=0.7km az=120.0

ISK 12 19:27:43.8, 36.45N, 127.09E, h13km, ML3.4/13 THE 12 19:27:44.4, 36.46N, 127.11E, h5km, 1km, ML3.6/13, Error ellipse: s-maj=1.9km s-min=0.5km az=50.0

DDA 12 19:27:45.2, 36.47N, 127.06E, h6km, MW3.6 ISC 12 19:27:44.6, 36.45N, 127.02E, 13E, 0.02, h20km, 4km, n119, z=127156, mb3.8/4, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KOSK Kos Island, 0.33 338 P, etc.

Table with columns: ANAF comp=E, 3.5786um, 0.5s, AML, AML, 19 28 25.8, YER Yerkesik, 1.15 53 P, P, 19 28 06.3 +0.4, etc.

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, etc.

ISC 12 20:31:21.6, 2.2, 37.05N:142.26E, h0km, mb3.3/2, mb1 3.4/5, mb1mx3.2/32, mbtmp3.5/5, ML2.3/3, Error ellipse: s-maj=47.0km s-min=24.7km az=94.0

JMA 12 20:31:21.7, 0.2, 36.99N:142.52E, h34km, M3.4

ISC 12 20:31:20.9, 2.1, 37.03N:142.30E, h0.08, h2km, 12km, n19, c170/27, Off east coast of Honshu

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFK Kawauchi, JFJK Iwakimizu, ONAJ Iwakimizu, etc.

NEIC 12 20:49:16.4, 1.5, 6.65S:0.1, 128.13E:0.09, h302km, 26km, mb4.2/3, Error ellipse: s-maj=16.6km s-min=10.5km az=142.0

ISC 12 20:49:17.0, 1.8, 6.69S:128.11E, h302km, 23km, mb2.6/2, mb1 3.2/6, mb1mx2.9/37, mbtmp3.6/6, Error ellipse: s-maj=32.9km s-min=19.6km az=84.0

ISC 12 20:49:16.0, 0.7, 6.66S:0.06, 128.14E:0.08, h300km, n16, c220/22, Banda Sea

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, FAKI Fak Fak, BATI Baumata, etc.

ISC 12 20:56:58.3, 1.0, 29.19S:74.84E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.8/41, mbtmp4.0/10, MS3.6/5, Ms1 3.6/5, ms1mx3.1/32, Error ellipse: s-maj=33.6km s-min=24.3km az=115.0

NEIC 12 20:56:59.6, 1.0, 29.30S:0.08, 74.8E:0.2, h10km, 1km, mb4.7/20, Error ellipse: s-maj=25.1km s-min=9.6km az=115.0

ISC 12 20:56:59.7, 0.7, 29.3S:0.1, 74.8E:0.2, h10km, n39, c054/29, mb4.3/18, MS3.6/5, C1, Mid-Indian Ridge

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S3 Diego Garcia H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISC 12 20:57:21.3, 1.7, 1.84S:100.22E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.6/46, mbtmp3.8/9, Error ellipse: s-maj=68.4km s-min=18.9km az=56.0

NEIC 12 20:57:29.5, 1.0, 1.75S:0.08, 100.25E:0.10, h59km, 9km, mb4.3/5, Error ellipse: s-maj=15.5km s-min=9.5km az=57.0

DJA 12 20:57:30.3, 2.7, 2.5S:101.0E, h26km, 30km, M4.0/13, mb3.9/2, ML9.0/13

ISC 12 20:57:29.4, 0.7, 1.70S:0.05, 100.29E:0.05, h58km, n36, c031/34, mb4.1/11, South Sandwich Sea

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, KRJI Saibi, etc.

GCMT 12 21:11:22.5, 0.7, 24.05N:0.04, 109.31W:0.02, h36km, 1km, MS5.0/77, Moment Tensor Solution. s15.c15: s77.c99; Duration: 0. Moment tensor: Scale 10^16Nm; M=0.74s; 2; Mw=2.93t; 1; Ms=3.67t; 1; M=0.42t; 13; Mw=2.4s; 12; Mw=0.60t; 12; Best double couple: Mw=3.90000; 1016 NP1.3e47.00000; s77.00000; lambda=3.00000; N; P2: 0.138, 0.00000; s87.00000; lambda=1.67, 0.00000. Principal axes: T 3.7540, P1g7.00000; Azm27.00000; N -0.7300, P1g77.00000; Azm149.00000; P -3.0260, P1g11.00000; Azm3.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

ISC 12 21:11:23.0, 0.6, 24.07N:109.14W, h0km, mb4.0/14, mb1 4.2/18, mb1mx4.1/39, mbtmp4.0/18, ML3.7/4, MS3.8/29, Ms1 3.8/29, ms1mx3.7/50, Error ellipse: s-maj=16.7km s-min=11.7km az=40.0

MEX 12 21:11:25.1, 0.3, 24.14N:109.02W, h15km, 7km, MD4.4

ISC 12 21:11:27.7, 0.6, 24.18N:106.06, h08.83W:0.07, h22km, n404, c117/358, mb4.3/63, MS3.9/26, Gulf of California

Table with columns: Code, Station Name, Delta, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLBS Sierra La Lagu, LPIG La Paz, LPIG La Paz, etc.

Q24A	Divide	15.06	11	Pn	Pn	21 15 01.8	+2.3
Q24A	comp=Z,12nm,0.9s					21 15 07.9	
TMUT	Trail Mountain	15.20	353		Pn	21 15 01.0	-0.3
R11A	Troy Canyon, C	15.25	339	P	Pn	21 15 03.3	+1.4
R11A	baz=189,SNR=12						
R11A	Troy Canyon, C	15.25	339	Pn	Pn	21 15 02.1	+0.2
R11A	IAMB					21 15 04.6	
P17A	comp=Z,15nm,1.4s						
X37A	Butcher Canyon	15.33	354		Pn	21 15 03.6	+0.7
ISCO	Clayton	15.64	45		Pn	21 15 07.0	+0.3
ISCO	Idaho Springs	15.81	9	P	P	21 15 13.0	0.0
ISCO	baz=191,SNR=15						
ISCO	Idaho Springs	15.81	9	P	Pn	21 15 10.0	+0.8
ISCO	IAMB					21 15 27.5	
O20A	comp=Z,18nm,1.1s						
O20A	White River Ci	15.91	2	P	Pn	21 15 12.9	+2.4
O20A	baz=182,SNR=8.1						
O20A	White River Ci	15.91	2	P	Pn	21 15 10.8	+0.3
O20A	IAMB					21 15 23.5	
MPU	Maple Canyon	15.96	329		Pn	21 15 11.2	+0.1
OMMB	Old Mammoth Mi	15.97	352		Pn	21 15 11.3	0.0
TULI	Leonard	16.23	41	Pn	Pn	21 15 15.3	+1.0
NW11	Mina Array Sit	16.27	334	P	Pn	21 16 11.3	+0.3
DUG	Dugway, Tooele	16.32	349	P	Pn	21 15 17.5	+1.9
DUG	baz=167,SNR=11						
DUG	Dugway, Tooele	16.32	349	P	Pn	21 15 15.6	0.0
DUG	IAMB					21 15 21.3	
NVAR	comp=Z,22nm,1.2s						
NVAR	Mina Array Baz	16.33	333	P	Pn	21 15 16.6	+0.7
NVAR	comp=Z,0.1nm,0.3s, baz=156,slow=11,SNR=31						
NVAR	LR					21 21 38.2	
RDMU	Red Mountain	16.35	358	P	Pn	21 15 16.3	+0.2
JLU	Jordanelle	16.52	353	Pn	Pn	21 15 18.5	+0.2
T35A	Sooner Centre	16.52	37		Pn	21 15 17.7	-0.4
SAO	San Andreas Ge	16.58	322	Pn	Pn	21 15 19.0	+0.2
RVN	Ryan	16.59	332	P	Pn	21 15 20.1	+0.9
KVN	Kaiserville	16.78	334	Pn	Pn	21 15 21.3	+0.2
MIAR	Mount Ida	16.82	49	P	Pn	21 15 23.6	+1.8
MIAR	baz=236,SNR=7.1						
MIAR	Mount Ida	16.82	49	P	Pn	21 15 21.3	-0.5
N23A	Red Feather La	16.84	8		Pn	21 15 25.5	+1.1
N23A	baz=189,SNR=10						
N23A	Red Feather La	16.84	8	Pn	Pn	21 15 22.6	+0.2
N23A	IAMB					21 15 26.3	
WAKR	comp=Z,18nm,1.1s						
WAKR	Walker	16.89	330	P	Pn	21 15 23.2	+0.3
CMB	Columbia Colle	16.97	327		Pn	21 15 23.1	-0.6
TCUT	Toone Canyon	17.03	353	Pn	Pn	21 15 24.5	-0.1
W39A	Magazine	17.05	46	P	Pn	21 15 27.3	+2.6
W39A	baz=234						
W39A	Magazine	17.05	46	P	Pn	21 15 25.2	+0.6
BOU	Big Grassy Mou	17.06	349		Pn	21 15 25.4	+0.3
YERR	Yerington	17.20	332		Pn	21 15 26.1	-0.6
X40A	Basin Creek Fa	17.30	50	Pn	Pn	21 15 26.8	-1.0
PHWY	Pilot Hill	17.30	9		Pn	21 15 28.0	-0.2
SPUT	South Promonto	17.35	351	P	Pn	21 15 28.8	+0.3
ELK	Elko	17.37	343	Pn	Pn	21 15 28.2	-0.7
PNTR	Pine Nut	17.44	341	P	Pn	21 15 30.4	+0.5
RWWY	Rawlins	17.51	4		Pn	21 15 30.3	-0.4
RWWY	IAMB					21 15 36.3	
HWUT	comp=Z,34nm,1.1s						
HWUT	Hardware Ranch	17.53	353		Pn	21 15 31.3	+0.4
HWUT	IAMB					21 15 33.6	
344A	comp=Z,31nm,1.1s						
344A	Westbrook Farm	17.56	62	Pn	Pn	21 15 30.5	-0.6
344A	IAMB					21 15 46.7	
UALR	comp=Z,21nm,0.6s						
UALR	University of	17.79	50	Pn	Pn	21 15 33.6	-0.3
PAHR	Pah Rah Range	17.86	333		Pn	21 15 34.9	-0.1
AFDM	Forest Hills D	17.97	328		Pn	21 15 36.0	-0.2
W41B	Gary Mavity, V	18.07	49	P	P	21 15 40.7	+3.0
W41B	baz=237						
W41B	Gary Mavity, V	18.07	49	P	Pn	21 15 37.8	+0.4
WHAR	Woolly Hollow	18.11	49		Pn	21 15 36.9	-0.9
U40A	Yellville	18.34	45	P	Pn	21 15 43.4	+2.6
U40A	baz=233,SNR=5.4						
U40A	Yellville	18.34	45	P	Pn	21 15 39.7	-1.0
K22A	Casper	18.52	5	P	Pn	21 15 44.5	+1.5
K22A	baz=187,SNR=20						
K22A	Casper	18.52	5	P	P	21 15 42.9	+0.2
BW06	Boulder Array	18.55	358		Pn	21 15 43.7	+0.6
BW06	baz=178,SNR=26						
BW06	Boulder Array	18.55	358	IAMB	IAMB	21 15 44.9	
PD31	comp=Z,24nm,1.1s						
PD31	Pinedale Array	18.55	358	IAMB	IAMB	21 15 44.9	
PD31	comp=Z,20nm,1.1s						
PD31	Pinedale Array	18.55	358	P	P	21 15 43.4	+0.2
PD31	comp=Z,0.2nm,0.3s, baz=167,slow=9.1,SNR=65						
PD31	LR					21 23 07.4	
FCAR	comp=Z,203nm,21.6s, baz=189,slow=38						
FCAR	Ozark Folk Cen	18.55	47	P	P	21 15 42.6	-0.4
346A	Big Creek Wild	18.56	63	P	P	21 15 43.4	+0.3
346A	IAMB					21 15 55.6	
AHID	comp=Z,24nm,0.8s						
AHID	Auburn Hatcher	18.63	355	IAMB	IAMB	21 15 47.2	
S39A	comp=Z,22nm,1.4s						
S39A	Bolivar	18.89	41	P	P	21 15 46.1	-0.6
ECR	Eagle Creek	18.94	354	P	P	21 15 46.9	-0.5
HOPS	Hopland Field	19.07	324	P	P	21 15 48.6	-0.1
MGMO	Mountain Grove	19.20	44	P	P	21 15 50.2	+0.1
MGMO	IAMB					21 15 59.9	
REDW	comp=Z,11nm,0.8s						
REDW	Red Top Meadow	19.20	356	P	P	21 15 51.2	+0.9
LCAR	Lake Charles	19.31	48	P	P	21 15 51.6	+0.4
TPAW	Teton Pass	19.34	355	P	P	21 15 51.2	-0.7
TPAW	IAMB					21 16 02.6	
Y45A	comp=Z,18nm,1.2s						
Y45A	Yeager Farm, C	19.40	56	P	P	21 15 53.5	+1.2
Y45A	IAMB					21 16 03.6	
O03E	comp=Z,34nm,1.2s						
O03E	Paynes Creek	19.42	329	P	P	21 15 53.5	+1.0
O03E	baz=142						
TEIG	Tepeh	19.43	98	LR	LR	21 23 21.5	
TEIG	comp=Z,147nm,20.1s, baz=230,slow=36						
TEIG	Tepeh	19.43	98	P	P	21 15 51.9	-0.8
FXWY	Fox Creek	19.49	355	P	P	21 15 52.9	-0.6
FXWY	IAMB					21 16 07.6	
IMW	comp=Z,16nm,1.4s						
IMW	Indian Meadow	19.74	355	P	P	21 15 56.4	+0.1
IMW	IAMB					21 16 00.1	
KCPM	comp=Z,27nm,1.5s						
KCPM	Canto Peak	19.85	325	P	P	21 15 57.4	+0.1
KCPM	IAMB					21 16 14.8	
HLID	comp=Z,17nm,1.5s						
HLID	Halley	19.87	348	P	P	21 15 58.8	+1.3
HLID	baz=165,SNR=9.5						
FLWY	Flagg Ranch	19.87	348	P	P	21 15 57.5	0.0
R40A	Maddies Station	19.91	41	P	P	21 15 57.9	+0.1
R40A	IAMB					21 16 08.3	
WVOR	comp=Z,11nm,0.9s						
WVOR	Wild Horse Val	19.94	338	P	P	21 15 58.9	+0.6
WVOR	IAMB					21 16 02.4	
WFC	comp=Z,26nm,1.4s						
WFC	Whiskeytown Da	20.00	325	P	P	21 15 58.1	-0.6
WFC	Canas Ranch	20.03	348	P	P	21 15 58.8	+0.3
MOD	Modoc Plateau	20.09	334	P	P	21 15 59.2	-0.6
MOD	IAMB					21 16 12.9	
Y5P	comp=Z,19nm,1.4s						
Y5P	Pitchstone Pla	20.11	356	P	P	21 16 00.2	0.0
RSSD	Hickory Valley	20.23	93	P	P	21 16 01.6	+0.2
RSSD	Black Hills	20.27	10	P	P	21 16 04.0	+2.0
RSSD	baz=193						
RSSD	Black Hills	20.27	10	P	P	21 16 02.8	+0.8
RSSD	IAMB					21 16 07.0	
Z47A	comp=Z,9.6nm,1.0s						
Z47A	Carrollton	20.28	59	P	P	21 16 01.3	-0.6
Z47A	IAMB					21 16 12.4	
KMRM	comp=Z,12nm,0.8s						
KMRM	Mali Ridge	20.31	325	P	P	21 16 02.4	+0.2
KMRM	IAMB					21 16 17.9	
LKWY	comp=Z,12nm,1.0s						
LKWY	Lake	20.38	357	P	P	21 16 04.8	+1.7
LKWY	IAMB					21 16 19.1	
N02D	comp=Z,22nm,0.9s						
N02D	Trinity Center	20.38	329	P	P	21 16 02.3	-0.7
N02D	baz=141						
CCM	Cathedral Cave	20.39	43	P	P	21 16 03.3	+0.2
YMP	Mirror Lake Pi	20.54	357	P	P	21 16 06.0	+1.0
YNR	Norris Sanctio	20.54	356	P	P	21 16 05.9	+0.2
YHH	Holmes Hill	20.62	356	P	P	21 16 06.3	+0.4

M04C	Macdoel	20.63	331	P	P	21 16 06.5	+0.8
M04C	baz=144,SNR=6.3						
YHL	Hebgen Lake	20.71	355	P	P	21 16 06.9	+0.1
J08A	Circle Bar Ran	20.71	340	IAMB	IAMB	21 16 11.9	
YNE	Yellowstone No	20.71	358	P	P	21 16 08.0	+0.3
KHMM	Horse Mountain	20.80	327	P	P	21 16 07.9	+0.2
KHMM	IAMB					21 16 23.4	
MCMT	comp=Z,12nm,1.0s						
P40A	McKenzie Canyon	20.86	352	P	P	21 16 09.7	+1.4
P40A	Paris	20.86	359	IAMB	IAMB	21 16 08.6	+0.5
P40A	IAMB					21 16 17.9	
RLMT	comp=Z,11nm,1.0s						
RLMT	Red Lodge	20.89	359	P	P	21 16 09.5	+0.8
JCC	Jacoby Creek,	20.91	326	P	P	21 16 09.4	+0.7
JCC	JCC					21 16 22.0	
PLAL	comp=Z,21nm,1.2s						
PLAL	Pickwick Lake	20.97	54	P	P	21 16 09.5	+0.1
PLAL	IAMB					21 16 22.4	
YBH	comp=Z,9.7nm,0.8s						
YBH	Yreka Blue Hor	20.98	330	P	P	21 16 06.6	-2.8
YBH	comp=Z,0.4nm,0.3s, baz=143,slow=11,SNR=3.6						
YBH	Lakeview Retre	21.07	60	P	P	21 16 12.3	+1.8
YBH	baz=172,SNR=7.6						
YBH	LR					21 24 11.1	
K05A	comp=Z,8.2nm,19.4s, baz=164,slow=57						
K05A	Summer Lake	21.02	335	P	P	21 16 10.4	+0.4
K05A	IAMB					21 16 14.2	
LRAL	comp=Z,22nm,1.2s						
LRAL	Lakeview Retre	21.07	60	P	P	21 16 12.3	+1.8
LRAL	baz=251						
L04D	Klamath Falls	21.18	331	Pn	Pn	21 16 11.5	-0.3
L04D	baz=144						

12d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H08S2 Diego Garcia H, etc.

IDC 12 22:36:04.4.2.1.36.99N:142.58E, h0km, mb3.8/3, mb1 3.7/6, mb1mx3.4/44, mbtmp3.7/6, ML3.2/3, MS2.6/1, Ms1 2.6/1, ms1mx2.1/36, Error ellipse: s-maj=38.8km s-min=26.4km az=88.0

JMA 12 22:36:05.1.0.1.36.98N:142.73E, h46km, M3.5 NIED 12 22:36:05.2.36.98N:142.73E, h46km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:3.23, Mw:-0.74; Mw:-2.49; Mw:0.55; Mw:-1.73; Mw:2.14; Fault plane solution: Mw:0.06000x10^14 Np1:0.220000, 0.62, 0.0000, 1.60, 0.0000. NP2:0.222000, 0.30, 0.0000, 1.10, 0.0000

ISC 12 22:36:04.3.3.2.37.00N:0.05.142.59E:0.08, h2km=17km, n28, r172/40, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, JMKH Ishinomakikobu, etc.

NEIC 12 22:37:11.5.1.4.6.87N:0.02:73.06W:0.05, h158km, 5km, mb4.4/234, Error ellipse: s-maj=8.0km s-min=2.5km az=72.0

IDC 12 22:37:12.1.0.6.6.75N:72.94W, h160km, 6km, mb3.7/17, mb1 3.9/22, mb1mx3.8/37, mbtmp4.3/22, MS3.0/2, Ms1 3.0/2, ms1mx2.4/32, Error ellipse: s-maj=11.4km s-min=7.1km az=133.0

RSNC 12 22:37:13.3.0.9.6.80N:73.16W, h144km, 3km, ML4.4, Mw4.5, Fault plane solution: NP1:0.28.0000, 0.54, 0.0000, 1.30, 0.0000

ISC 12 22:37:11.3.0.5.6.83N:0.03:73.13W:0.03, h159km, 5km, n513, r191/576, mb4.3/124, 8C-10D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, BRRC Barranca, PAMC Pampiona, etc.

2014 JUL

Main table with columns: SMLC, SMLC, eS, Sn, Time, Res. Includes stations like CHIC Chingaza, ROSC El Rosal, ROSC El Rosal, etc.

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Table with columns: HATO, Hato, Curacao, GCUF Volcan Galeras, GCUF Volcan Galeras, etc.

V52A	comp=Z,4.3nm,0.8s	I	Amb	I	Amb	22	43	13.0	OLIL	Olney	34.52	339	P	P	22	43	44.9	+0.5	PKME	Peaks-Kenny Pk	38.43	4	P	P	22	44	20.0	+2.6							
T57A	baz=168	30.54	350	P	P	22	43	11.6	+1.8	M58A	Price's Panora	34.52	356	P	P	22	43	47.3	+2.8	PKME	Peaks-Kenny Pk	38.43	4	P	P	22	44	18.0	+0.6						
U54A	Nelsons Funny	30.60	346	P	P	22	43	13.5	+3.1	N53A	Lisbon	34.52	350	P	I	Amb	I	Amb	22	43	45.0	+0.5	PKME	comp=Z,6.7nm,1.1s	38.44	354	P	P	22	44	19.8	+2.2			
U54A	Nelsons Funny	30.60	346	P	P	22	43	10.8	+0.4	N54A	Moraine State	34.53	351	P	P	22	43	47.5	+3.0	MSTX	Muleshoe	38.46	319	P	P	22	44	19.3	+1.2						
SWET	Sewanee	30.60	339	P	P	22	43	08.3	-2.2	N54A	Moraine State	34.53	351	P	I	Amb	I	Amb	22	43	45.3	+0.8	G65A	Princeton	38.52	6	P	P	22	44	20.7	+2.5			
V51A	Loudon	30.61	342	P	P	22	43	10.7	+0.3	N54A	Moraine State	34.53	351	P	I	Amb	I	Amb	22	43	48.0	+0.8	G65A	Princeton	38.52	6	P	P	22	44	19.1	+0.8			
T56A	Rocky Mt	30.71	349	P	P	22	43	14.0	+2.7	M57A	Sunshine Farm,	34.54	355	P	P	22	43	47.6	+3.0	G65A	Princeton	38.52	6	P	I	Amb	I	Amb	22	44	26.2				
Y45A	Yeager Farm, C	30.89	333	P	P	22	43	12.6	-0.3	M57A	Sunshine Farm,	34.54	355	P	P	22	43	45.2	+0.6	G54A	Lake Saint Pet	38.66	354	P	P	22	44	21.5	+2.1						
S58A	Poland Farm, P	30.96	352	P	P	22	43	15.7	+2.2	M59A	Walmart	34.62	357	P	P	22	43	48.1	+2.8	H47A	Mio	38.84	347	P	P	22	44	24.2	+3.3						
T54A	Tazewell	31.06	347	P	P	22	43	17.4	+3.0	KSPA	Keystone Colle	34.66	349	P	P	22	43	45.2	-0.3	F63A	Nahmakanta, Br	38.88	5	P	P	22	44	22.5	+1.3						
TZ2N	Tazewell	31.07	344	P	P	22	43	16.9	+2.5	N52A	McGinn's Farm,	34.69	349	P	P	22	43	48.9	+3.1	MNTX	Cornudas Mout	38.95	314	P	P	22	44	24.3	+2.2						
TZ1N	Tazewell	31.07	344	P	P	22	43	11.8	-2.7	M56A	Emporium	34.80	353	P	P	22	43	49.7	+2.9	MNTX	Cornudas Mout	38.95	314	P	I	Amb	I	Amb	22	44	24.3	+2.2			
TZ1N	Tazewell	31.07	344	P	I	Amb	I	Amb	22	43	21.9		M56A	Emporium	34.80	353	P	P	22	43	47.0	+0.2	MNTX	Cornudas Mout	38.95	314	P	I	Amb	I	Amb	22	44	25.6	
PLAL	Pickwick Lake	31.21	336	P	P	22	43	15.8	+0.1	M55A	Ridgway	34.85	353	P	P	22	43	49.8	+2.5	JFWS	Jewell Farm	39.98	340	P	P	22	44	23.5	+1.5						
PLAL	Pickwick Lake	31.21	336	P	I	Amb	I	Amb	22	43	19.2		H4AR	Hobbs	34.95	330	P	P	22	43	48.1	0.0	F64A	Sheridan	39.10	5	P	P	22	44	23.0	+0.4			
T53A	Wise	31.21	345	P	P	22	43	18.6	+2.9	H4AR	Hobbs	34.95	330	P	I	Amb	I	Amb	22	43	50.2		F52A	Sundridge	39.18	353	P	P	22	44	26.0	+2.3			
S57A	Dark Hollow, R	31.24	351	P	P	22	43	18.5	+2.6	Q44A	Meyer Farm, Va	35.00	338	P	P	22	43	48.5	-0.1	ALGO	Algonquin Park	39.20	355	P	P	22	44	26.1	+2.2						
S57A	Dark Hollow, R	31.24	351	P	P	22	43	15.3	-0.6	F45A	Wade	35.01	344	P	P	22	43	49.3	+0.6	TRQ	Mont Tremblant	39.26	358	P	P	22	44	25.5	+1.1						
S57A	Dark Hollow, R	31.24	351	P	I	Amb	I	Amb	22	43	19.1	M54A	Oil Creek Stat	35.02	351	P	P	22	43	51.6	+3.0	G47A	Hill	39.31	348	P	P	22	44	27.1	+2.3				
comp=Z,5.9nm,0.7s										M54A	Oil Creek Stat	35.02	351	P	P	22	43	48.5	-0.1	E57A	Chemin Saint G	39.44	359	P	P	22	44	28.3	+2.4						
V48A	Smith Brothers	31.39	338	P	P	22	43	17.9	+0.6	M54A	Oil Creek Stat	35.02	351	P	I	Amb	I	Amb	22	43	52.5		LMN	Caledonia Mout	39.53	9	P	P	22	44	27.9	+1.2			
S55A	Lewisburg	31.52	349	P	P	22	43	21.3	+2.9	M54A	Oil Creek Stat	35.02	351	P	I	Amb	I	Amb	22	43	52.5		LMN	Caledonia Mout	39.53	9	P	I	Amb	I	Amb	22	44	29.2	
CLTN	Cedars of Leba	31.53	339	P	P	22	43	18.6	+0.1	L58A	Harry Jones Me	35.15	356	P	P	22	43	51.9	+2.0	F49A	Sandfield	39.54	350	P	P	22	44	28.6	+1.9						
CLTN	Cedars of Leba	31.53	339	P	I	Amb	I	Amb	22	43	22.1	CCM	Cathedral Cave	35.15	335	P	P	22	43	50.0	+0.7	E55A	Montcerf-Lytto	39.55	357	P	P	22	44	29.2	+2.5				
S54A	Dingess, Beckl	31.71	348	P	P	22	43	20.4	+0.3	CCM	Cathedral Cave	35.15	335	P	P	22	43	52.9	+2.8	E52A	Mattawa	39.59	354	P	P	22	44	29.1	+2.0						
S54A	Dingess, Beckl	31.71	348	P	I	Amb	I	Amb	22	43	23.8	L57A	Andrews Acres	35.18	355	P	P	22	43	52.9	+2.8	E54A	Lac Dapiat, Po	39.61	356	P	P	22	44	28.9	+1.7				
comp=Z,7.1nm,0.9s										L57A	Andrews Acres	35.18	355	P	P	22	43	52.9	+2.8	H43A	Windswept, Lux	39.61	344	P	P	22	44	27.0	-0.3						
T50A	Nancy	31.89	342	P	P	22	43	22.0	+0.4	L61A	Hillsdale 1, H	35.22	359	P	P	22	43	53.0	+2.6	E63A	Oxbow	39.65	5	P	P	22	44	28.7	+1.2						
T50A	Nancy	31.89	342	P	I	Amb	I	Amb	22	43	25.8	U38A	Gravette	35.30	330	P	P	22	43	50.6	-0.6	E63A	Oxbow	39.65	5	P	I	Amb	I	Amb	22	44	30.2		
R56A	Bull Pasture M	31.94	351	P	P	22	43	25.4	+3.3	BINY	Binghamton	35.31	356	P	P	22	43	54.1	+2.9	comp=Z,3.1nm,0.6s		39.70	6	P	P	22	44	30.0	+2.0						
R55A	Marlington	31.94	350	P	P	22	43	25.4	+3.2	BINY	Binghamton	35.31	356	P	P	22	43	51.0	-0.2	E64A	Bridgewater	39.70	6	P	P	22	44	31.0	+2.5						
R55A	Marlington	31.94	350	P	P	22	43	25.4	+3.2	N49A	Columbus Grove	35.31	356	P	P	22	43	49.3	+2.0	E62A	Clayton Lake	39.76	4	P	P	22	44	32.3	+2.4						
R55A	Marlington	31.94	350	P	I	Amb	I	Amb	22	43	26.1	L56A	Greenwood	35.38	354	P	P	22	43	54.5	+2.7	E51A	G1948 Merrick	39.93	353	P	P	22	44	32.3	+2.4				
R55A	Marlington	31.94	350	P	I	Amb	I	Amb	22	43	26.1	L56A	Greenwood	35.38	354	P	I	Amb	I	Amb	22	43	50.8	-1.0	POI	Presque Isle	39.93	5	P	P	22	44	29.7	-0.2	
R54A	Victor	32.01	348	P	P	22	43	25.5	+2.8	L56A	Greenwood	35.38	354	P	P	22	43	54.7	+2.7	I40A	Norwalk	39.97	340	I	Amb	I	Amb	22	44	32.2					
S51A	Beattyville	32.11	344	P	P	22	43	22.7	-0.8	L56A	Greenwood	35.38	354	P	I	Amb	I	Amb	22	43	50.8	-1.0	comp=Z,9.0nm,0.9s		39.98	352	P	P	22	44	32.4	+2.1			
S51A	Beattyville	32.11	344	P	I	Amb	I	Amb	22	43	27.1	L55A	Hinsdale	35.52	353	P	P	22	43	55.7	+2.7	D57A	Chem Vers le	40.04	359	P	P	22	44	33.0	+2.2				
WVT	Waverly	32.12	337	P	P	22	43	25.9	+2.3	L53A	Girard	35.54	351	P	P	22	43	55.8	+2.7	D55A	Sainte-Anne-du	40.09	358	P	P	22	44	33.4	+2.2						
WVT	Waverly	32.12	337	P	P	22	43	24.2	+0.6	AC05	Ei Transito	35.57	176	P	I	Amb	I	Amb	22	43	54.0	+0.3	D56A	ZEC Mazanza, M	40.09	358	P	P	22	44	33.1	+1.9			
T47A	Sharon Grove	32.61	339	P	P	22	43	28.2	+0.3	AC05	Ei Transito	35.57	176	P	I	Amb	I	Amb	22	43	57.2		D52A	ZEK Kipawa Sen	40.25	354	P	P	22	44	35.3	+2.7			
Q55A	Buckhannon	32.63	350	P	P	22	43	31.9	+3.8	ABTX	Abilene, Hawle	35.58	320	P	P	22	43	55.5	+1.8	D62A	Allapont, All	40.26	4	P	P	22	44	35.2	+2.7						
Q54A	Coxs Mills	32.75	349	P	P	22	43	32.0	+2.9	ABTX	Abilene, Hawle	35.58	320	P	I	Amb	I	Amb	22	43	53.8	+0.1	D62A	Allapont, All	40.26	4	P	I	Amb	I	Amb	22	44	32.8	+0.2
Q54A	Coxs Mills	32.75	349	P	P	22	43	28.9	-0.2	ABTX	Abilene, Hawle	35.58	320	P	I	Amb	I	Amb	22	43	56.3		D62A	Allapont, All	40.26	4	P	I	Amb	I	Amb	22	44	35.6	
Q54A	Coxs Mills	32.75	349	P	I	Amb	I	Amb	22	43	32.9	TUL1	Leonard	35.62	328	P	P	22	43	55.4	+1.5	E48A	Lockey	40.26	350	P	P	22	44	35.0	+2.4				
Q53A	Leroy	32.77	348	P	P	22	43	32.4	+3.1	TUL1	Leonard	35.62	328	P	I	Amb	I	Amb	22	43	55.8	+0.5	D54A	Lac Fusel, L	40.28	356	P	P	22	44	34.6	+1.8			
R50A	Paris	32.91																																	

12d 23h

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like DUG, HLID, NEW, EPYK, 121A, SRU, HWUT, PV05, PV17, PV23, PV23, PV04, PV04, PV21, PV21, PV12, BNM, BNM, MNXX, ANMO, ANMO, INK, INK, YNM, PDAR, O20A, O20A, TX32, TXAR, S22A, WMQ, WMQ, WMQ, WMQ, MSTX, C36M, YKA, YKA, MKAR, MKAR, ZALV, NRIK, D46A, T53A, T54A, D48A, U58A, U58A, Q54A, ARU, W57A, T56A, R55A, Q55A, N54A, D50A, E51A, R56A, T57A, F52A, O55A, GEYT, Q56A, M55A, E52A, U58A, K54A, G53A, O56A, D52A, L55A, N56A, X60A, G54A, ALGO, M56A, S58A, D53A, S5PA, E53A, T59A, L56A, N57A, E54A.

2014 JUL

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like V60A, D54A, J56A, G55A, N58A, K57A, H56A, E55A, O59A, D55A, L58A, I57A, ORIO, K58A, E56A, M59A, J58A, CHGQ, D56A, G57A, I58A, K59A, LONY, SAML, J59A, E57A, H58A, NCB, BOSA, I59A, E58A, M61A, D58A, J60A, G59A, LATQ, H61A, H61B, J61A, F60A, I61A, LBNH, E60A, J62A, D60A, K63A, F61A, L63A, I62A, H62A, J63A, E61A, G62A, HAMF, SCHQ, F62A, A62A, AREO, G63A, D62A, I64A, PKME, F63A, H64A, KLMR, G64A, E63A, D63A, F64A, E64A, H65A, TRO, G65A, SJG, PTEJ, STEJ, FAUS, AKH, MORB, BDFB, FINES, FINES, N5S, DOMB, NB2, NOA.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like NB000, AKASG, BIZ, BURAR, KOLS, ARR, OSTC, CHVC, KRLC, DPC, VYHS, BZS, VRAC, PCCC, CLL, CLL, MDVR, KRUC, VTS, GOPC, PRU, NVC, CLZ, NEUB, SRS, PBCC, TANN, GTTG, PLLN, IBBN, FRGS, GUNZ, APE, WERN, MOX, NKC, KNT, CONA, VAY, MANZ, STIP, UBBA, DIVS, ROTZ, TEKS, NPS, GECZ, GERES, HPK, GRG, IOMK, LAST, WET, SKO, BEH, XOR, DION, NEO, BUG, ARSA, GRF, ATHU, LIT, BBL, VLY, MOA, IDI, ANOYIA, HAPS, RUDO, LBWR, KALN, SIVA, MLI, WACR, FNA, AXAR, WME, WFC, STNC, SOKA, TNS, THL, PHP, DID, VAM, PTJ, WLI, ZAG, YRC, UPM, KRND, GLN, MAKR, YLL, CWF, IMMV, KPRO, ROEL, FOEB, PDG, PDG, OBKA, CRES, LLW, MGRS, DM1, MEM, GUR, SERG, KNDR, ANLO, OZLI, BRY, KBA, DRME, TIR, TIR, KLV, TLR, EFTI, DM1, BHO, LJU, VLA, MYKA, TRIP, TREB.

Table with columns: JAN, P, PKPab, 145.78 314, 145.79 312, 145.82 320, etc. Includes stations like Janina, Paravola, Herceg Novi, etc.

Table with columns: DALY, Dalyan (Mula), 1.27 73, 1.27 73, 1.27 73, etc. Includes stations like Dallyan, Santorini-Mono, etc.

Table with columns: JAYA, JAYA, JAYA, 3.31 106, 3.31 106, 3.31 106, etc. Includes stations like JAYA, HUIA, HUIA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tarama, Dashigiu, Jialang, EI Nido.

MAN 13 01:01:39.0, 6.81N, 125.47E, h27km, mb4.3, ML3.2, MS2.9, IC-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Davao City-Mi, Kidapawan, Don Marcelino, Bagumbayan, Su, Musuan.

JMA 13 01:09:37.3, 0.1, 23.00N, 121.42E, h41km, 9km, M3.2 TAP 13 01:09:38.4, 22.99N, 121.42E, h42km, ML3.5, C ISC 13 01:09:38.5, 0.2, 22.96N, 121.47E, 0.0, 2, h32km, 7km, n110, r1511/201, Taiwan region

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

CNRM 13 01:26:59.0, 0.7, 35.37N, 6.50W, h10km, Error ellipse: s-maj=6.8km s-min=5.0km az=90.0 MDD 13 01:27:04.0, 0.9, 35.49N, 6.30W, h54km, 26km, mb4.0/16 Error ellipse: s-maj=9.4km s-min=4.1km az=17.0, PRXIMO IGL 13 01:27:03.3, 35.47N, 6.22W, h27km, ML2.3 SFS 13 01:27:04.0, 35.48N, 6.27W, ML3.9, GOLFO DE CADIZ INMG 13 01:27:04.0, 0.9, 35.46N, 6.25W, h31km, ML2.3, Error ellipse: s-maj=2.1km s-min=1.4km az=63.0 ISC 13 01:27:02.0, 1.2, 35.48N, 0.03, 6.29W, 0.03, h63km, 12km, n91, r1965/173, 2C-4D, Strait of Gibraltar

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NORESA Array S, APA0 Apafity Array, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAPS Pakushin South, MSW Makushin Switec, MNAT Makushin Natee, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, PDAR Pinedale Array, GERES GERESS Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, IDC, EIL, EUD, TOR, MKAR, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP, CAGAYAN DE ORO, KIDAPAWAN, etc.

ISK 13 02:56:30.9, 36:43N-127.12E, h4km, ML2.5/12
DDA 13 02:56:31.6, 36:45N-127.16E, h1km, 1km, ML2.0
ATH 13 02:56:31.3, 36:45N-127.12E, h27km, 4km, ML2.6/4, Error ellipse: s-maj=5.4km s-min=1.2km az=138.0

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR8, SANT, TH2, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM, ZALV, MK31, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, THIG, STG3, etc.

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

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

MEX 13 03:13:04.0: 0.7, 15:18N-92:00W, h4km, 7km, MD3.9
GCG 13 03:13:07.4: 1.0, 14:95N-91:95W, h101km, 28km, MD4.0
ISC 13 03:13:03.8: 1.2, 15:26N-100:04:02:08W, 0.04, h10km, 11km, n12, c1915/20, Mexico-Guatemala border region

MOS 13 03:16:48.6: 0.9, 32:89S-71:34W, h35km, mb5.2/27, Error ellipse: s-maj=19.2km s-min=7.7km az=95.5
VAO 13 03:16:49.8: 1.2, 32:89S-71:34W, h38km, 10km, mb4.8
SJA 13 03:16:49.2: 0.8, 32:88S-71:59W, h29km, 6km, ML4.7, MW5.0

NEIC 13 03:16:50.0: 1.3, 32:94S-71:45W, 0.06, h44km, 4km, Error ellipse: s-maj=6.8km s-min=6.0km az=95.0
IDC 13 03:16:50.8: 0.6, 32:95S-71:46W, h45km, 4km, mb4.6/16, mb1 4.7/21, mb1mx4.6/31, mbmp4.8/21, MS3.9/16, Ms1 3.9/16, ms1mx3.8/22, Error ellipse: s-maj=11.5km s-min=9.7km az=142.0

GUC 13 03:16:51.8: 0.9, 32:93S-71:34W, h51km, 3km, ML5.0, MW5.1
NEIC 13 03:16:53, 32:95S-71:70W, h30km, Moment Tensor Solution. Moment tensor. Scale 1019N; Mw:0.08; Mw0.81; Mw-0.89; Ms-1.21; Mw0.80; Mw0.40; Fault plane solution: Ms1.730000*10^16; NP2=2.9330000*10^16; 543.000000; 1.177.000000; NP2=2.9330000*10^16; 547.000000; Principal axes: T 1.293, Plg33.0000; Azm169.0000; N -0.0982, Plg43.0000; Azm296.0000; P -1.6771, Plg29.0000; Azm57.0000;

GCMT 13 03:16:56.0: 0.4, 32:92S-71:36W, 0.03, h62km, 3km, MW4.8/62, Moment Tensor Solution. s22,c27; s62,c13; Duration: 0 Moment tensor. Scale 1019N; Mw1.59; 13; Mw0.34; 12; Mw0.19; 12; Mw0.47; 05; Mw0.53; 12; Mw0.72; 08; Best double couple: Ms2.041000*10^16; NP2=1.21400000*10^16; 340.000000; 1.125.000000; NP2=3.35200000*10^16; 0.000000; 1.64.000000; Principal axes: T 1.9330, Plg66.0000; Azm213.0000; N 0.2130, Plg22.0000; Azm7.0000; P -2.1490, Plg9.0000; Azm10.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 03:16:50.2: 0.4, 32:94S-71:41W, 0.04, h41km, 3km, h41km; pp-P, n72, c1916/26/698, mb5.0/166, MS4.2/17, 19C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROC1, ROC1, ROC1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROC1, ROC1, ROC1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROC1, ROC1, ROC1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROC1, ROC1, ROC1, etc.

BO1		eS	Sn	03 17 35.8 +3.4	
BO1	Tunca	1.47 169	Pn	03 17 15.3 +1.0	
CO2	Combarbal	1.77 111	eP	03 17 19.9 +1.4	
CO2		eS	Sn	03 17 42.9 +3.0	
CO2		IAML		03 17 46.7	
comp=N,81um,0.2s					
CO2	Combarbal	1.77 11	Pn	03 17 20.1 +1.6	
AUSP	Uspallata	1.85 68	iP	03 17 23.1 +3.3	
BO2	Sierra Bellavi	1.92 164	eP	03 17 22.6 +2.1	
BO2		iS	Pn	03 17 47.3 +3.8	
BO2		IAML		03 17 53.0	
comp=E,10um,0.2s					
BO2	Sierra Bellavi	1.92 164	Pn	03 17 22.4 +1.9	
ARCO	CERRO ARCO	2.09 88	iP	03 17 27.0 +4.1	
ARCO		IAML		03 18 04.5	
comp=Z,4um,0.6s					
GO05	Huala	2.11 192	iP	03 17 23.9 +0.8	
GO05		eS	Pn	03 17 52.4 +4.3	
GO05		IAML		03 18 10.7	
comp=N,5um,0.3s					
GO05	Huala	2.11 192	Pn	03 17 22.8 -0.3	
RTL5	Leoncito	2.12 58	iP	03 17 27.2 +3.7	
RTL5		IAML		03 18 04.1	
comp=Z,4um,0.6s					
UTNM	Universidad Te	2.15 89	iP	03 17 29.7 +6.0	
UTNM		IAML	Pn	03 18 08.9	
comp=Z,885nm,1.0s					
AAGR	Agrelo	2.17 94	iP	Pn	03 17 28.6 +4.5
CO03	El Pedregal	2.19 171	eP	Pn	03 17 26.1 +1.9
CO03		eS	Pn	03 17 53.4 +3.3	
CO03		IAML		03 17 59.7	
comp=N,13um,0.2s					
CO03	El Pedregal	2.19 17	Pn	03 17 26.1 +1.9	
ASAL	Salagasta	2.20 82	iP	Pn	03 17 28.4 +4.1
ASAL		IAML		03 18 36.0	
comp=Z,1um,1.1s					
CO15	El Sosneado	2.63 146	iP	Pn	03 17 34.7 +4.4
RTCV	Cerro Valdivia	2.66 67	iP	Pn	03 17 34.2 +3.5
RTCV		IAML		03 18 22.3	
comp=Z,2um,1.7s					
LAMA	Las Malvinas	2.70 138	iP	Pn	03 17 35.3 +4.1
ZON	Zonda	2.70 60	Pn	03 17 34.7 +3.4	
ZON	Zonda	2.70 60	Pn	03 17 34.7 +3.4	
GO04	Tololo Observa	2.81 11	Pn	03 17 34.4 +1.5	
RTL5	Cerro Villucun	2.96 58	iP	Pn	03 17 38.2 +3.3
RTL5		IAML		03 18 30.7	
comp=Z,2um,0.8s					
CFA	Coronel Fontan	3.00 64	Pn	03 17 38.3 +2.9	
CFA		IAML		03 18 14.7 +4.6	
comp=Z,477nm,0.3s,baz=56,slow=13,SNR=14					
CFA		LR		03 18 58.6	
comp=Z,4um,20.0s,baz=249,slow=42					
CFA	Coronel Fontan	3.00 64	iP	Pn	03 17 38.3 +2.9
CFA		IAML		03 18 32.4	
comp=Z,2um,0.9s					
PUMA	Malarque	3.02 148	iP	Pn	03 17 40.3 +4.7
ACCO	Cerro Coronel	3.08 41	iP	Pn	03 17 40.3 +3.6
ACCO		IAML		03 18 37.9	
comp=Z,2um,1.4s					
CO01	Junta de Tor	3.16 21	Pn	03 17 39.8 +2.1	
AROD	Rodeo	3.22 31	iP	Pn	03 17 42.4 +3.7
EDS3	Malargue	3.27 150	iP	Pn	03 17 43.7 +4.5
ACDV	Cuesta del Vie	3.39 36	iP	Pn	03 17 44.6 +3.9
ACDV		IAML		03 18 41.6	
comp=Z,2um,1.1s					
BI02	San Fabin de	3.71 178	Pn	Pn	03 17 46.2 +1.1
BI03	Tigo	4.11 198	Pn	Pn	03 17 50.5 0.0
AC05	El Transito	4.21 14	Pn	Pn	03 17 53.5 +1.5
AC04	Llanos de Chal	4.73 4	Pn	Pn	03 17 59.2 +0.1
CANA	Cavihué	4.94 177	iP	Pn	03 18 05.9 +3.8
CANA		IAML		03 19 34.5	
comp=Z,419nm,1.7s					
VCA	Vinchina	5.02 34	iP	Pn	03 18 06.4 +3.2
VCA		IAML		03 19 33.0	
comp=Z,2um,0.7s					
ACL5	CERRO LA CRUZ	5.18 49	iP	Pn	03 18 07.3 +1.8
ACL5		IAML		03 19 41.4	
comp=Z,1um,0.5s					
LC01	Cunco	5.95 184	Pn	Pn	03 18 16.1 +0.3
TCA	Tanti	6.00 76	iP	Pn	03 18 17.2 +0.7
TCA		IAML		03 20 17.4	
comp=Z,528nm,1.8s					
VA04	Juan Fernandez	6.25 262	Pn	Pn	03 18 20.3 +0.3
H03N1	Juan Fernandez	6.31 263	T	T	03 25 05.7
H03N3	Juan Fernandez	6.32 263	T	T	03 25 06.2
H03N2	Juan Fernandez	6.33 263	T	T	03 25 07.6
H03S1	Juan Fernandez	6.33 260	T	T	03 24 36.6
H03S3	Juan Fernandez	6.33 260	T	T	03 24 40.2
H03S2	Juan Fernandez	6.35 260	T	T	03 24 40.3
comp=Z,4um,0.3s,baz=342,slow=12,SNR=36					
AC02	Maricunga	6.40 19	Pn	Pn	03 18 23.3 +0.8
CYA	Choya	6.59 49	iP	Pn	03 18 24.2 -0.4
AC01	Pan de Azucar	6.81 6	Pn	Pn	03 18 27.7 +0.1
PLCA	Paso Flores	7.00 175	Pn	Pn	03 18 42.2 +0.9
PLCA		LR		03 21 47.0	
comp=Z,796nm,21.0s,baz=352,slow=38					
PLCA	Paso Flores	7.80 175	eP	Pn	03 18 41.7 +0.4
PB14	IPOC Station P	8.33 6	Pn	Pn	03 18 46.5 -2.3
PB10	IPOC Station P	9.43 5	Pn	Pn	03 19 03.5 0.0
PB06	IPOC Station P	10.33 10	Pn	Pn	03 19 16.2 +0.2
LVC	Limon Verde	10.53 13	Pn	Pn	03 19 18.0 -0.9
LVC		S	Pn	03 21 29.2 +1.3	
LVC		LR		03 23 41.3	
comp=Z,447nm,20.1s,baz=212,slow=39					
LVC	Limon Verde	10.53 13	Pn	Pn	03 19 16.1 -2.8
PB07	IPOC Station P	11.26 7	Pn	Pn	03 19 25.2 -3.5
PB09	IPOC Station P	11.27 10	Pn	Pn	03 19 29.1 +0.2
LPA	La Plata	11.37 104	eP	Pn	03 19 25.6 -4.4
LPA		pP	Pn	03 19 37.7	
LPA		eS	Pn	03 19 45.7	
LPA		S	Sn	03 21 29.9 -5.9	
LPA		PCP	PCP	03 25 22.4 +0.8	
LPA		SCS	SCS	03 25 26.7 +0.3	
LPA		PKIKP	PKIKP	03 33 21.1 +1.0	
LPA		SKIKP	SKIKP	03 35 49.3	
LPA		PKIKS	PKIKS	03 36 59.1	
LPA		SKIKS	SKIKS	03 40 19.6	
PB01	IPOC Station P	11.98 9	Pn	Pn	03 19 39.0 +0.5
PATCX	Punta Pataca	12.13 6	Pn	Pn	03 19 37.6 -2.9
TA01	Diego Aracena	12.38 5	Pn	Pn	03 19 44.2 +0.3
COYO	Coyhaique	12.62 182	Pn	Pn	03 19 46.2 -0.9
PB08	IPOC Station P	12.92 10	Pn	Pn	03 19 51.6 +0.1
PB11	IPOC Station P	13.22 7	Pn	Pn	03 19 56.3 +0.7
PSGCZ	Pisagua	13.34 5	Pn	Pn	03 19 53.6 -3.6
GO01	Chusmiza	13.37 9	Pn	Pn	03 19 55.7 -2.2
MNMC	Minye Minye	13.85 7	Pn	Pn	03 20 03.9 -0.4
CPUP	Villa Florida	13.90 6	Pn	Pn	03 20 02.2 -2.4
CPUP		S	Pn	03 22 35.0 -2.6	
CPUP		LR		03 25 46.5	
comp=Z,873nm,21.7s,baz=247,slow=38					
PB12	IPOC Station P	14.30 4	Pn	Pn	03 20 09.7 -0.6
PLTB	Pedrapas Altos	15.10 90	eP	Pn	03 20 19.2 -1.5
CP5B	Cadavira Do Su	15.51 85	eP	Pn	03 20 27.6 +1.6
LPAZ	La Paz	16.85 11	Pn	Pn	03 20 42.9 -0.8
LPAZ		PCP	PCP	03 20 40.8 -2.9	
LPAZ	La Paz	16.85 11	eP	Pn	03 20 41.9 -1.8
ITAB	Concordia	17.62 76	eP	Pn	03 20 51.8 -0.9
CN16	Canela	17.97 84	eP	Pn	03 20 55.7 -1.2
GO09	Cerro Castillo	18.32 12	Pn	Pn	03 20 59.5 +1.3
GO09		IAMB	IAMB	03 21 23.3	
comp=Z,133nm,1.4s					
AQDB	Aquidauana	18.71 52	eP	P	03 21 04.2 -1.1
PTBG	Pitanga	18.81 69	eP	P	03 21 06.7 +0.3
SIV	San Ignacio	19.30 31	P	P	03 21 10.7 -1.2
SIV		LR		03 29 52.7	
comp=Z,532nm,20.5s,baz=224,slow=40					
TRCB	Terra Rica	19.41 53	eP	P	03 21 13.2 +0.2
GO10	Punta Adria	19.50 31	P	P	03 21 21.1 -0.3
PTLB	Pontes e Lacer	20.67 36	eP	P	03 21 25.7 -1.0

EFI	East Falkland	21.10 156	iP	P	03 21 31.3 +0.3
EFI		pmax			
comp=Z,58nm,0.7s					
EFI	East Falkland	21.10 156	P	IAMB	03 21 31.1 0.0
EFI		IAMB			03 21 35.4
comp=Z,59nm,0.7s					
PCMB	Pacambu	21.13 63	eP	P	03 21 30.5 -1.2
NNA	Nana	21.45 345	P	P	03 21 35.7 +0.7
comp=Z,9.9nm,0.6s,baz=198,slow=11,SNR=6.9					
NNA		LR			03 28 22.8
comp=Z,120nm,19.7s,baz=162,slow=32					
NNA	Nana	21.45 345	eP	P	03 21 37.8 +2.7
NNA		pmax			
comp=Z,44nm,1.3s					
NNA	FRTB	21.47 345	P	P	03 21 35.4 +0.4
NNA	Fatura	21.47 69	eP	P	03 21 35.1 -0.2
C2SB	Chapadão do Su	21.83 54	eP	P	03 21 39.2 +0.1
USHA	Ushuaia	21.98 175	P	P	03 21 41.8 +1.3
comp=Z,45nm,0.8s,baz=172,slow=9,SNR=5.1					
MG01	Puerto William	22.14 174	IAMB	IAMB	03 21 42.1 -0.1
MG01		IAMB			03 21 47.5
comp=Z,75nm,0.9s					
SALV	Santo Antonio	22.15 44	eP	P	03 21 40.6 -1.9
WILB	Wilkena	22.38 30	eP	P	03 21 44.8 -0.5
ITB	Itabira	22.38 60	eP	P	03 22 00.6 -0.5
SPB	Sao Paulo	23.04 72	P	P	03 21 52.8 +0.9
SPB	Sao Paulo	23.04 72	eP	P	03 21 51.6 -0.3
VAO	Vaiinhos	23.70 72	eP	P	03 21 57.3 -1.2
ARAG	Araguaiana, MT	24.69 51	eP	P	03 22 05.9 -1.6
SAML	Samuel	25.06 20	pmax		03 22 10.7 -0.1
comp=Z,22nm,0.8s					
SAML	Samuel	25.06 20	P	P	03 22 10.7 -0.1
IPMB	Ipameri, GO	25.62 60	eP	P	03 22 14.5 -1.5
CLDB	Colider	26.24 37	eP	P	03 22 21.5 -0.1
ATAH	Atahualpa	26.49 344	LR		03 31 55.2
comp=Z,77nm,19.2s,baz=206,slow=34					
BDFB	Brasilia	27.31 56	P	P	03 22 30.0 -1.3
comp=Z,10nm,0.8s,baz=225,slow=9,0,SNR=16					
BDFB		LR			03 34 23.7
comp=Z,750nm,21.4s,baz=256,slow=36					
BDFB	Brasilia	27.31 56	P	P	03 22 30.9 -0.4
BDFB		pmax			
comp=Z,44nm,1.2s					
BDFB	Brasilia	27.31 56	P	P	03 22 30.9 -0.4
BDFB		IAMB			03 22 43.1
comp=Z,44nm,1.2s					
PEXB	Peixe	29.64 51	eP	P	03 22 50.5 -1.4
NPGB	Novo Progresso	29.77 34	eP	P	03 22 51.5 -1.6
MACA	Macapa Progresso-AM	31.29 21	eP	P	03 23 05.9 -0.5
ITTB	Itaituba	31.98 31	P	P	03 23 11.5 -1.1
PRPB	Paraupabas	33.37 42	eP	P	03 23 24.2 -0.5
PUAC	Puerto Asis, P	33.67 351	eP	P	03 23 29.5 +2.2
PTGA	Pitinga	33.80 21	P	P	03 23 27.2 -1.3
PTGA	Pitinga	33.80 21	eP	P	03 23 28.1 -0.4
CRUC	Crucuz	34.72 50	eP	P	03 23 30.6 -6.3
MALC	Monte Alegre	34.87 31	eP	P	03 23 36.4 -1.3
MALB	Macarena, Meta	34.98 356	eP	P	03 23 39.5 +0.9
BBAC	Balboa, Cauca	35.21 350	eP	P	03 23 41.3 +0.4
BETC	Betania	35.64 353	eP	P	03 23 45.6 +1.3
PRAC	Prado	36.60 354	eP	P	03 23 54.8 +1.9
ORTC	Ortega, Tolima	36.83 354	eP	P	03 23 56.3 +1.9
YOTC	Yotoco, Valle	37.02 352	eP	P	03 23 58.1 +1.8
TOLC	Tolima	37.51 354	eP	P	03 24 03.3 +2.7
ROSC	El Rosal	37.68 355	eP	P	03 24 04.5 +2.4
comp=Z,18nm,0.7s,baz=138,slow=7.5,SNR=6.6					
ROSC	El Rosal	37.68 355	IAMB	IAMB	03 24 03.5 +1.4
ROSC		IAMB			03 24 07.4
comp=Z,19nm,0.8s					
RREF	El Recreo	37.82 354	eP	P	03 24 06.9 +3.3
GUVCZ	Guyana, Guayana	38.14 354	eP	P	03 24 08.3 +2.2
NORC	Norcia	38.44 354	eP	P	03 24 09.6 +0.5
RUSC	La Rusia	38.65 357	P	P	03 24 10.5 +0.1
CBOC	Ciudad Bolivar	38.84 353	eP	P	03 24 13.1 +1.5
HELK	Santa Helena	39.11 354	eP	P	03 24 15.3 +1.2
PTBC	PUERTO BERRIO,	39.37 355	eP	P	03 24 15.3 -0.5
OBBC	Obispo	40.00 354	eP	P	03 24 23.1 +1.9
SMLC	San Martin de	41.59 356	eP	P	03 24 32.1 -1.4
MDP	Montagnes des	41.82 29	P	P	03 24 34.8 -1.3
comp=Z,11nm,0.8s,baz=187,slow=9.2,SNR=5.1					
JTS	Las Juntas de	44.89 341	iP	P	03 24 59.8 -1.1
JTS		pmax			
comp=Z,8.0nm,1.1s					
VNA3	Neumayer Olymp	50.14 158	P	P	03 25 42.1 +1.1
VNA1	Neumayer-Stat	50.44 157	P	P	03 25 44.8 +1.

R57A	Stanardsville	71.19	354	P	P	03 28 05.2 +0.7
R54A	Victor	71.32	352	P	P	03 28 05.0 -0.4
R55A	Marlington	71.33	353	P	P	03 28 06.1 +0.6
R55A	Marlington	71.33	353	I Amb	I Amb	03 28 07.0
R56A	Bull Pasture M	71.38	353	P	P	03 28 05.9 +0.1
PBMO	Poplar Bluff	71.60	344	I Amb	I Amb	03 28 08.0
Q58A	Fox Den Farm	71.76	355	P	P	03 28 08.3 +0.3
U40A	Yellville	71.80	342	P	P	03 28 08.3 0.0
MNTX	Cornudas Mount	71.86	330	P	P	03 28 08.6 -0.2
MNTX	Cornudas Mount	71.86	330	P	P	03 28 08.6 -0.2
MNTX	Cornudas Mount	71.86	330	I Amb	I Amb	03 28 09.5
Q57A	Strasburg	71.91	354	P	P	03 28 09.6 +0.6
Q56A	Snyder Ridge	71.98	354	P	P	03 28 09.6 +0.2
R49A	Shelbyville	72.02	349	I Amb	I Amb	03 28 10.0
Q55A	Buckhannon	72.03	353	P	P	03 28 10.1 +0.4
Q53A	Leroy	72.05	352	P	P	03 28 09.5 -0.2
WMOK	Wichita Mounta	72.06	337	P	P	03 28 09.6 -0.4
Q54A	Coxs Mills	72.10	352	P	P	03 28 09.2 -0.8
HSIG	Wyandotte Cave	72.14	342	I Amb	I Amb	03 28 13.0
WCI	Wyandotte Cave	72.15	348	P	P	03 28 09.6 -0.8
WCI	Wyandotte Cave	72.15	348	P	P	03 28 09.6 -0.8
WCI	Wyandotte Cave	72.15	348	I Amb	I Amb	03 28 10.5
WCI	Wyandotte Cave	72.15	348	P	P	03 28 09.3 -1.1
WCI	Wyandotte Cave	72.15	348	P	P	03 28 09.6 -0.8
WCI	Wyandotte Cave	72.15	348	I Amb	I Amb	03 28 10.5
TUL1	Leonard	72.20	339	P	P	03 28 10.9 +0.1
S44A	Carbondale	72.22	345	I Amb	I Amb	03 28 11.5
Q52A	Bidwell	72.25	351	P	P	03 28 10.7 -0.3
P58A	Pank, Wackers	72.28	355	P	P	03 28 11.7 +0.6
P57A	Homestead Farm	72.32	355	P	P	03 28 12.2 +0.9
P57A	Homestead Farm	72.32	355	I Amb	I Amb	03 28 13.2
P59A	Jarrettsville	72.34	356	P	P	03 28 12.2 +0.7
MGMO	Mountain Grove	72.40	343	I Amb	I Amb	03 28 13.1
P56A	Dayton Farm, R	72.41	354	P	P	03 28 12.6 +0.7
Q51A	Peebles	72.46	350	I Amb	I Amb	03 28 12.9
P55A	Reedsville	72.51	353	P	P	03 28 12.5 0.0
P53A	Whipple	72.66	352	P	P	03 28 12.3 -1.1
MWCW	Mont Chateau	72.66	353	P	P	03 28 13.0 -0.4
P54A	Burton	72.67	353	P	P	03 28 13.3 -0.2
MSTX	Muleshoe	72.80	333	P	P	03 28 15.0 +0.5
P51A	Williamsport	72.87	351	P	P	03 28 14.2 -0.4
P51A	Williamsport	72.87	351	I Amb	I Amb	03 28 15.1
Q58A	Levisberry	72.88	356	P	P	03 28 15.2 +0.5
P52A	Corning	72.89	351	P	P	03 28 14.3 -0.5
P52A	Corning	72.89	351	I Amb	I Amb	03 28 15.3
OLIL	Olney	72.98	346	I Amb	I Amb	03 28 15.6
060A	Telford	72.99	357	P	P	03 28 16.1 +0.8
CCM	Cathedral Cave	73.01	344	P	P	03 28 16.0 +0.5
CCM	Cathedral Cave	73.01	344	P	P	03 28 15.8 +0.4
CCM	Cathedral Cave	73.02	355	P	P	03 28 16.0 +0.5
057A	Amberson	73.02	355	P	P	03 28 15.8 +0.3
059A	Robesonia	73.02	356	P	P	03 28 16.2 +0.7
BLO	Bloomington	73.11	348	I Amb	I Amb	03 28 16.3
056A	Blue Knob Stat	73.15	354	P	P	03 28 16.4 +0.1
055A	Ligonier	73.15	354	P	P	03 28 16.6 +0.3
P49A	Miami Univ. Ec	73.16	349	P	P	03 28 15.7 -0.7
P49A	Miami Univ. Ec	73.16	349	I Amb	I Amb	03 28 16.6
P48A	Milroy	73.20	349	I Amb	I Amb	03 28 16.8
AMTX	Amarillo	73.21	334	P	P	03 28 17.4 +0.6
319A	Douglas	73.30	327	I Amb	I Amb	03 28 20.2
052A	Adamsville	73.33	352	P	P	03 28 16.9 -0.5
053A	New Philadelphia	73.39	352	P	P	03 28 17.3 -0.4
SSPA	Standing Stone	73.46	355	P	P	03 28 18.0 -0.1
SSPA	Standing Stone	73.46	355	P	P	03 28 18.3 +0.3
051A	Pataksala	73.46	351	P	P	03 28 17.6 -0.5
N60A	Cedar Hill Far	73.53	357	P	P	03 28 18.9 +0.5
N57A	Milroy	73.55	355	P	P	03 28 18.6 0.0
N58A	Sunbury	73.58	356	P	P	03 28 19.3 +0.5
ACSO	Alum Creek Sta	73.59	351	P	P	03 28 18.6 -0.2
N59A	State Game Lan	73.60	357	P	P	03 28 19.8 +0.8
N59A	State Game Lan	73.60	357	I Amb	I Amb	03 28 20.9
121A	Cookes Peak, D	73.61	329	P	P	03 28 21.2 +1.8
P46A	Rosedale	73.67	347	I Amb	I Amb	03 28 19.4
N55A	Moraine Center	73.69	354	P	P	03 28 19.9 +0.4
N56A	West Decatur	73.77	355	P	P	03 28 19.8 -0.1
N53A	Lisbon	73.90	353	P	P	03 28 20.7 +0.1
O48A	Farmland	73.94	349	P	P	03 28 20.2 -0.7
LIC	Lamo	73.96	71	eP	P	03 28 21.2 -0.4
M60A	Port Jervis	73.96	357	P	P	03 28 21.8 +0.8
N54A	Moraine State	73.96	353	P	P	03 28 21.0 -0.1
N54A	Moraine State	73.96	353	I Amb	I Amb	03 28 22.0
N52A	McGinn's Farm	74.00	352	P	P	03 28 20.9 -0.3
M62A	Harden	74.03	359	P	P	03 28 22.1 +0.7
MAW	Mawson	74.04	163	P	P	03 28 21.5 +0.2
MAW	Mawson	74.04	163	P	P	03 28 21.5 +0.2
MAW	Mawson	74.04	163	P	P	03 28 22.1 +0.8
MAW	Mawson	74.04	163	P	P	03 28 22.1 +0.8

MAW	Mawson	74.04	163	P	P	03 28 22.1 +0.8
M58A	Price's Panora	74.09	356	P	P	03 28 22.5 +0.6
M57A	Sunshine Farm	74.10	356	P	P	03 28 22.3 +0.4
M51A	Ashtland	74.19	351	P	P	03 28 22.2 -0.2
TIC	Toumudi	74.20	71	eP	P	03 28 22.7 -0.4
M59A	Waymar	74.21	357	P	P	03 28 23.0 +0.5
KIC	Kosan Boka	74.25	71	eP	P	03 28 23.1 -0.3
M56A	Emporium	74.32	355	P	P	03 28 23.3 +0.1
M56A	Emporium	74.32	355	I Amb	I Amb	03 28 24.2
DBIC	Dimbokro	74.34	71	P	P	03 28 23.4 -0.5
DBIC	Dimbokro	74.34	71	P	P	03 28 36.5 +0.1
DBIC	Dimbokro	74.34	71	P	P	03 28 24.1 +0.2
DBIC	Dimbokro	74.34	71	P	P	03 28 24.1 +0.2
DBIC	Dimbokro	74.34	71	I Amb	I Amb	03 28 37.4
M55A	Ridgway	74.36	354	P	P	03 28 23.5 +0.1
M55A	Ridgway	74.36	354	I Amb	I Amb	03 28 24.4
O44A	Mansfield	74.42	347	I Amb	I Amb	03 28 23.8
L63A	North Scituate	74.44	360	P	P	03 28 24.5 +0.7
M54A	Oil Creek Stat	74.47	354	P	P	03 28 23.9 -0.1
M53A	WJ Miller and	74.51	353	P	P	03 28 23.8 -0.4
L64A	Middleborough	74.51	0	P	P	03 28 24.7 +0.6
M51A	Elyria	74.57	352	P	P	03 28 24.5 -0.1
L60A	Shokan	74.61	358	P	P	03 28 25.6 +0.8
L58A	Harry Jones Me	74.73	357	P	P	03 28 25.7 +0.2
L57A	Andrews Acres	74.74	356	P	P	03 28 25.8 +0.3
TUC	Tucson	74.78	326	P	P	03 28 26.0 -0.1
TUC	Tucson	74.78	326	P	P	03 28 27.3 +1.2
TUC	Tucson	74.78	326	P	P	03 28 26.0 -0.1
L59A	Walton	74.84	357	I Amb	I Amb	03 28 27.7
L59A	Walton	74.84	357	I Amb	I Amb	03 28 27.7
BINY	Binghamton	74.89	356	P	P	03 28 27.1 +0.7
L56A	Greenwood	74.93	355	P	P	03 28 26.9 +0.3
L56A	Greenwood	74.93	355	I Amb	I Amb	03 28 27.9
L53A	Girard	74.97	353	P	P	03 28 26.7 -0.2
HDIL	Hopedale	74.98	346	P	P	03 28 26.7 -0.3
L61B	Northampton	75.03	359	P	P	03 28 27.8 +0.6
L55A	Hinsdale	75.04	355	P	P	03 28 27.5 +0.2
HRV	Adam Dzewionski	75.08	360	P	P	03 28 28.0 +0.5
ANMO	Albuquerque	75.11	331	P	P	03 28 29.3 +1.2
ANMO	Albuquerque	75.11	331	P	P	03 28 29.5 +1.4
ANMO	Albuquerque	75.11	331	I Amb	I Amb	03 28 28.5 +0.4
ANMO	Albuquerque	75.11	331	I Amb	I Amb	03 28 30.1
L54A	Sinclairville	75.16	354	P	P	03 28 28.1 +0.1
K60A	Five Rivers En	75.23	358	P	P	03 28 29.4 +1.1
K61A	Williamstown	75.27	359	P	P	03 28 29.4 +0.8
WVNY	West Valley, N	75.27	354	I Amb	I Amb	03 28 29.9
TRY	Troy	75.33	358	I Amb	I Amb	03 28 30.8
KSU1	Kansas State U	75.40	340	P	P	03 28 29.4 0.0
KSU1	Kansas State U	75.40	340	I Amb	I Amb	03 28 30.2
K59A	Cooperstown	75.42	357	P	P	03 28 29.9 +0.4
K58A	Earville	75.44	357	P	P	03 28 29.8 +0.3
K58A	Earville	75.44	357	I Amb	I Amb	03 28 30.8
K57A	Scioto Center	75.45	356	P	P	03 28 29.3 -0.3
214A	Organ Pipe Nat	75.46	324	P	P	03 28 31.5 +1.6
214A	Organ Pipe Nat	75.46	324	I Amb	I Amb	03 28 32.8
K56A	Middlesex	75.47	356	P	P	03 28 29.7 0.0
L48A	N Adams	75.48	350	I Amb	I Amb	03 28 29.9
K54A	Basilliko Farm	75.48	354	P	P	03 28 30.0 +0.2
K55A	Perry	75.55	355	P	P	03 28 29.9 -0.3
J62A	Heniker	75.80	360	P	P	03 28 32.8 +1.2
K52A	Tillsonburg	75.84	353	P	P	03 28 31.8 0.0
J61A	Chester	75.93	359	P	P	03 28 33.4 +1.1
J56A	Wolcott	76.02	356	P	P	03 28 32.7 -0.1
J56A	Wolcott	76.02	356	I Amb	I Amb	03 28 33.5
J58A	Remsen	76.02	357	P	P	03 28 33.0 +0.1
K50A	Casco	76.05	352	P	P	03 28 32.5 -0.5
CBKS	Cedar Bluff	76.09	338	P	P	03 28 34.0 +0.6
CBKS	Cedar Bluff	76.09	338	P	P	03 28 34.5 +1.1
CBKS	Cedar Bluff	76.09	338	P	P	03 28 34.0 +0.6
J59A	Piesco	76.09	358	P	P	03 28 33.6 +0.3
J57A	Williamstown	76.10	357	P	P	03 28 33.6 +0.3
J57A	Williamstown	76.10	357	I Amb	I Amb	03 28 34.3
T25A	Trinidad	76.22	333	P	P	03 28 36.1 +1.7
J52A	Paris	76.27	353	P	P	03 28 34.0 -0.2
I58A	Old Forge	76.33	357	P	P	03 28 34.8 +0.1
I59A	Olmssteadville	76.40	358	P	P	03 28 35.2 +0.2
I60A	Shoreham	76.44	359	P	P	03 28 35.9 +0.7
L42A	Oliver, Polo	76.45	346	I Amb	I Amb	03 28 35.9
I61A	Oroboro, Fairl	76.51	359	P	P	03 28 36.5 +0.9
I57A	Carthage	76.61	357	P	P	03 28 36.7 +0.5
I63A	Otisfield	76.63	1	P	P	03 28 37.7 +1.5
I63A	Otisfield	76.63	1	I Amb	I Amb	03 28 38.7
W18A	Arnst	76.65	329	P	P	03 28 38.4 +1.5
W18A	Petrified Fore	76.65	329	I Amb	I Amb	03 28 39.4

PECO	Prince Edward	76.68	356	I Amb	I Amb	03 28 37.4
I53A	Kortright Cn	76.76	354	P	P	03 28 37.1 +0.1
LBNH	Lisbon	76.82	360	P	P	03 28 38.4 +1.0
X16A	Lo Mia Camp, P	76.83	327	I Amb	I Amb	03 28 40.6
I51A	Listowel	76.88	353	P	P	03 28 37.6 -0.1
I55A	Frankford	77.00	355	P	P	03 28 38.4 +0.1
H58A	Gabriels	77.03	358	P	P	03 28 38.9 +0.3
I52A	Shelburne	77.06	354	P	P	03 28 38.8 +0.1
H61A	Lyndonville	77.11	360	P	P	03 28 40.0 +1.0
H57A	Richfield	77.12	357	P	P	03 28 39.1 +0.1
H60A	Morristown	77.14	359	P	P</	

E58A	baz=180,SNR=6.9	78.97 329	P	P	03 28 49.3 +0.1
MURC	La Victoria	78.97 322	P	P	03 28 51.0 +1.4
ISCO	Murrieta	79.01 334	P	P	03 28 50.8 +0.8
ISCO	baz=141				
ISCO	Idaho Springs	79.01 334	P	P	03 28 51.2 +1.2
ISCO	Idaho Springs	79.01 334	P	P	03 28 50.8 +0.8
ISCO	Idaho Springs	79.01 1	P	P	03 28 50.7 +1.1
E61A	Lac Etchemin	79.03 358	P	P	03 28 49.4 -0.1
E57A	Chemini Saint G	79.04 2	P	P	03 28 50.4 +0.8
E63A	Oxbow	79.06 352	P	P	03 28 49.7 -0.1
F48A	Evansville	79.06 3	P	P	03 28 50.3 +0.6
E64A	Bridgewater	79.14 324	P	P	03 28 52.4 +1.8
GMRC	Granite Mounta	79.16 356	P	P	03 28 50.1 -0.2
E53A	Dumoine, Ponti	79.18 356	P	P	03 28 50.5 +0.1
E54A	Lac Duplat, Po	79.19 357	P	P	03 28 50.5 +0.1
E56A	St. Veronique	79.21 1	P	P	03 28 51.5 +0.9
E62A	Clayton Lake	79.21 1	P	P	03 28 51.5 +0.9
E62A	Clayton Lake	79.21 1	I	A	03 28 52.4
PQI	Presque Isle	79.31 2	P	P	03 28 50.2 +0.9
BBRC	Big Bear Solar	79.35 323	P	P	03 28 54.3 +2.5
E51A	G1948 Merrick	79.44 354	P	P	03 28 51.7 -0.2
E50A	Wahnapette	79.45 353	P	P	03 28 52.6 +0.6
D60A	Saint Jean D'O	79.49 0	P	P	03 28 54.9 +2.3
HEC	Hector, Ludlow	79.51 324	P	P	03 28 53.2 +0.4
D57A	Chemin Vers le	79.62 358	P	P	03 28 53.2 +0.4
E48A	Lockeyer	79.65 352	P	P	03 28 53.7 +0.7
D63A	Stockholm	79.67 2	P	P	03 28 53.0 -0.1
D55A	Sainte-Anne-du	79.68 357	P	P	03 28 53.2 0.0
D56A	ZEC Mazanza, M	79.68 358	P	P	03 28 53.6 +0.4
D58A	Chemin du Log	79.69 2	P	P	03 28 53.6 +0.7
D62A	Allapoint, All	79.69 2	I	A	03 28 54.6
D62A	Allapoint, All	79.69 2	I	A	03 28 54.6
ECSD	EROS Data Cent	79.71 342	P	P	03 28 53.5 +0.1
BFSC	Mount Baldy Ra	79.71 323	P	P	03 28 55.5 +1.7
E47A	Iron Bridge	79.75 352	P	P	03 28 53.4 -0.1
TUQ	Turquoise Moun	79.79 324	P	P	03 28 55.9 +1.7
D52A	ZEK Kipawa Sen	79.80 355	P	P	03 28 54.0 +0.2
D53A	Lac Vacive, Po	79.86 356	P	P	03 28 54.2 +0.1
D53A	Lac Vacive, Po	79.86 356	I	A	03 28 54.9
D54A	Lac Fusel, La	79.87 356	P	P	03 28 53.6 -0.5
LATQ	La Tuque	79.97 359	P	P	03 28 55.0 +0.4
D51A	Lot 18 Range I	79.99 354	P	P	03 28 54.7 -0.1
N23A	Red Feather La	80.09 334	P	P	03 28 57.1 +1.3
N23A	Red Feather La	80.09 334	I	A	03 28 58.0
BOSA	Boshof	80.09 118	P	P	03 28 55.7 -0.5
BOSA	comp=Z,6.2nm,0.9s,ba				03 29 09.1 +0.3
BOSA	comp=Z,8.8nm,0.8s,ba				04 01 51.0
BOSA	comp=Z,101nm,18.7s				03 28 56.5 +0.3
BOSA	comp=Z,17nm,1.1s				03 28 57.6
D50A	G1974 Best Tow	80.10 354	P	P	03 28 55.4 0.0
GSC	Goldstone, Bar	80.12 324	P	P	03 28 57.6 +1.7
SPMN	Marine on St.	80.19 345	P	P	03 28 56.3 -0.3
SPMN	Marine on St.	80.19 345	I	A	03 28 56.2
E43A	Lone Tree Farm	80.20 349	I	A	03 28 56.9
PHWY	Pilot Hill	80.27 353	I	A	03 28 58.7
D46A	Sault St. Mari	80.28 351	P	P	03 28 55.7 -0.6
D48A	Paudash Townsh	80.30 353	P	P	03 28 55.9 -0.6
O20A	White River Cj	80.30 332	P	P	03 28 58.0 +1.1
O20A	White River Cj	80.30 332	I	A	03 29 12.8
D47A	Chapleau	80.33 352	P	P	03 28 56.0 -0.6
SHOC	Shoshone, Teco	80.33 324	P	P	03 28 58.4 +1.5
D49A	Beulah Townshi	80.35 353	P	P	03 28 56.5 -0.2
SRU	San Rafael Swe	80.35 330	P	P	03 28 57.5 +0.3
SRU	San Rafael Swe				
SRU	San Rafael Swe	80.35 330	P	P	03 28 57.5 +0.3
EDW2	Edwards Air Fo	80.39 323	P	P	03 28 58.6 +1.7
OSI	Osito Audit: C	80.55 322	P	P	03 28 60.0 +1.8
LRMC	Laurel Mtn Rad	80.70 323	P	P	03 29 00.6 +1.5
VLD0	Val d'Or	80.87 356	I	A	03 29 00.6
F36A	Milaca	80.95 345	I	A	03 29 00.4
MPMC	Manual Propsec	81.06 324	P	P	03 29 02.2 +1.2
FURC	Furnace Creek,	81.07 324	P	P	03 29 02.3 +1.5
CASV	Casey	81.08 181	P	P	03 29 01.2 +0.6
TPNY	Topopah Spring	81.16 325	P	P	03 29 03.4 +1.9
ISA	Isabella, Lake	81.24 323	P	P	03 29 03.6 +1.7
ISA	Isabella, Lake	81.24 323	I	A	03 29 04.6
E38A	The Farm, Brul	81.24 346	I	A	03 29 02.1
RWWY	Rawlins	81.25 334	I	A	03 29 18.3
PKM	Mpgherson Peak	81.33 322	P	P	03 29 04.3 +1.8
CWC	Cottonwood Cre	81.65 324	P	P	03 29 05.6 +1.4
VES	Vestal, Richgr	81.69 323	P	P	03 29 05.7 +1.6
GRAC	Grapevine Rang	81.74 324	P	P	03 29 06.3 +1.8
LSQ0	Lebel-sur-Ouev	81.79 356	P	P	03 29 04.1 -0.2
K22A	Casper	81.83 335	P	P	03 29 06.1 +1.1
K22A	Casper	81.83 335	I	A	03 29 06.9
R11A	Troy Canyon, C	81.97 326	P	P	03 29 07.3 +1.5
DUG	Dugway, Tooele	82.23 329	I	A	03 29 08.1 +1.1
DUG	Dugway, Tooele	82.23 329	I	A	03 29 09.3

RSSD	Black Hills	82.27 337	P	P	03 29 07.8 +0.5
RSSD	Black Hills	82.27 337	P	P	03 29 07.7 +0.5
RSSD	Black Hills	82.27 337	P	P	03 29 07.8 +0.5
RSSD	Black Hills	82.27 337	I	A	03 29 08.8
LBTB	Labatsee	82.27 115	P	P	03 29 06.9 -0.9
LBTB	Labatsee	82.27 115	P	P	03 29 06.9 -0.9
EYMN	Ely	82.51 347	P	P	03 29 07.9 -0.3
EYMN	Ely	82.51 347	I	A	03 29 08.8
CHGO	Chibougamau	82.53 358	P	P	03 29 08.2 0.0
HWUT	Hardware Ranch	82.58 331	I	A	03 29 11.9
MLAC	Mammoth, Mammo	82.96 324	P	P	03 29 13.0 +1.9
BW06	Boulder Array	83.06 333	P	P	03 29 11.6 +0.2
PDAR	Pinedale Array	83.06 333	P	P	03 29 11.5 0.0
NVAR	Mina Array Bea	83.32 325	P	P	03 29 14.1 +1.2
NVAR	comp=Z,7.9nm,0.8s,ba				03 29 26.9 +1.4
TORD	Tordar, Be	83.36 70	P	P	03 29 13.1 -0.2
TORD	comp=Z,4.1nm,0.9s,ba				03 29 25.8 -0.2
TORD	comp=Z,1.6nm,0.9s,ba				04 03 25.9
KVN	Kaiserville	83.71 320	I	A	03 29 16.8
ELK	Elko	83.74 328	I	A	03 29 16.8
AGMN	Agassiz Nation	83.79 344	P	P	03 29 14.5 -0.2
AGMN	Agassiz Nation	83.79 344	I	A	03 29 15.5
WAKR	Walker	83.94 324	I	A	03 29 18.9
YERR	Yerington	84.12 325	I	A	03 29 20.0
TPAW	Tetlow	84.22 332	I	A	03 29 18.9
MDND	Maddock	84.31 341	P	P	03 29 18.0 +0.6
IMW	Indian Meadow	84.55 332	P	P	03 29 19.7 +0.6
PAHR	Pah Rah Range	84.84 325	I	A	03 29 23.0
RLMT	Red Lodge	84.96 334	P	P	03 29 21.6 +0.5
LAO	LASA Array	85.26 337	P	P	03 29 22.6 +0.3
ULM	Lac du Bonnet	85.62 345	P	P	03 29 23.7 -0.2
ULM	Lac du Bonnet	85.62 345	P	P	03 29 23.4 -0.5
HLID	Hailey	85.68 330	P	P	03 29 25.7 +1.1
HLID	Hailey	85.68 330	I	A	03 29 26.8
MFID	Camas Ranch	86.16 329	I	A	03 29 28.8
DGMT	Dagmar	86.19 339	P	P	03 29 27.2 +0.3
BOZ	Bozeman (W)	86.25 333	I	A	03 29 28.7
DLMT	Dillon	86.43 332	I	A	03 29 32.0
O03E	Paynes Creek	86.48 324	P	P	03 29 28.5 -0.1
WVOR	Wild Horse Val	86.62 327	I	A	03 29 31.2
MOD	Modoc Plateau	86.99 326	I	A	03 29 33.1
WDC	Whiskeytown Da	87.06 324	I	A	03 29 32.2
N02D	Trinity Center	87.44 324	P	P	03 29 33.6 +0.4
SCHO	Schefferville	87.51 3	P	P	03 29 32.9 -0.2
SCHO	comp=Z,10.0nm,1.0s				04 09 12.0
SCHO	comp=Z,2.4nm,2.19s				03 29 32.5 -0.5
EGMT	Eagleton	87.62 335	P	P	03 29 33.8 -0.1
EGMT	Eagleton	87.62 335	I	A	03 29 34.7
M04C	Macdoel	87.63 325	P	P	03 29 34.9 +0.8
M02C	Callahan	87.83 324	P	P	03 29 35.8 +0.7
BMO	Blue Mountains	87.95 329	I	A	03 29 37.0
YBH	Yreka Blue Hor	88.02 324	I	A	03 29 37.0
MSO	Missoula	88.17 332	P	P	03 29 37.2 +0.7
L04D	Klamath Falls	88.19 325	P	P	03 29 37.2 +0.4
J05D	Fort Rock, OR	88.49 326	P	P	03 29 39.5 +1.3
F10A	Beulah Ranch, E	88.81 330	I	A	03 29 41.7
J04D	Umpqua Nation	88.87 326	P	P	03 29 41.2 +1.1
G08A	Pilot Rock	89.01 329	I	A	03 29 42.4
JTMT	Jette	89.05 333	I	A	03 29 42.4
K02D	Williamette Me	89.21 324	P	P	03 29 42.9 +1.4
I05D	Terrebonne, OR	89.34 327	P	P	03 29 43.5 +1.5
I04A	Tendick Farm,	89.43 326	P	P	03 29 43.8 +1.1
LSZ	Lusaka	89.63 108	P	P	03 29 46.0 +1.7
LSZ	Lusaka	89.63 108	P	P	03 29 46.0 +1.7
WALA	Waterton Lakes	89.99 334	I	A	03 30 00.5
D08A	Wollman Farm,	90.38 330	I	A	03 29 48.3
NEW	Newport	90.59 331	P	P	03 29 47.7 -0.1
FFC	Flin Flon	91.20 343	P	P	03 29 50.5 +0.2
FFC	Flin Flon	91.20 343	P	P	03 29 50.5 +0.2
LTY	Liberty	91.29 329	I	A	03 29 52.4
TAM	Tamanrasset	91.89 64	P	P	03 29 54.5 -0.1
TAM	Tamanrasset	91.89 64	I	A	03 29 54.5 -0.1
ESDC	Sonsecra Array	95.47 46	LR	LR	04 12 56.2
GERE	Sonsecra Array B	111.04 45	PKiK	PKiK	03 35 18.0 -0.8
CLL	Collim	111.71 42	ePdif	Pdif	03 31 18.0 -4.6
CLL	Collim		e	e	03 35 42.0
CLL	Collim		ePS	PS	03 45 32.0 -3.5
CLL	Collim		ePPS	PS	03 46 48.0
CLL	Collim		eSS	SS	03 49 48.0
CLL	Collim		Lm	MLR	03 51 18.0 -1.8
CLL	Collim		Lm	MLR	03 50 00.0
CLL	Collim		Lm	MLR	03 50 00.0

CLL	comp=Z,100nm,19.9s				Lm	MLR	05 30 00.0
CLL	Collim	111.71 42	eP	Pdif			03 31 18.0 -4.6
ILAR	Eliason Array	113.49 333	PKiK	PKiK			03 35 22.7 -0.2
ASAR	Allice Springs	118.25 207	PKP	PKP			03 35 33.6 -0.9
BRTR	Keskin Array B	120.86 60	PKP	PKP			03 35 38.0 -0.1
BRTR	Keskin Array B	120.86 60	PKP	PKP			03 35 38.0 -0.1
AKAS	Main Array Be	121.09 47	PKP	PKP			03 35 36.9 -1.0
AKAB	Main Array Si	121.09 47	PKP	PKP			03 35 37.2 -0.7
AKAB	Main Array Si	121.09 47	PKP	PKP			03 35 37.0 -1.0
FINES	FINES Array B	121.82 34	PKP	PKP			03 35 38.8 -0.1
FINES	comp=Z,2.1nm,0.8s,ba						03 45 38.2 -0.4
WRA	Warramunga Arr	121.94 209	PKP	PKP			03 35 39.9 -0.8
ARCES	ARCCESS Array B	122.84 25	PKP	PKP			03 35 42.0 -0.4
H1S2	WAKE ISLAND Hy	126.31 270	T	T			05 54 50.0
OBN	Obninsk	126.31 43	iPKiK	PKP			03 35 46.8 -0.9
OBN	comp=Z,8.0nm,1.0s				MLR	MLR	
H1S1	WAKE ISLAND Hy	126.32 270	T	T			05 54 55.8
H1S3	WAKE ISLAND Hy	126.33 270	T	T			05 54 56.3
H1N3	WAKE ISLAND Hy	126.69 271	T	T			05 55 31.6
H1N1	WAKE ISLAND Hy	126.71 271	T	T			05 55 20.2
H1N2	WAKE ISLAND Hy	126.71 271	T	T			05 55 29.6
KLMR	Klimovskoe	128.24 36	ePKiK	PKP			03 35 50.1 -1.2
KLMR	Klimovskoe	128.24 36	ePKP	PKP			03 35 50.1 -1.2
KIV	Kis						

Table with columns: ZALV, TNS5, MDOK, SATY, KPKS, UZB, SHLS, MKAR, KLR, ZSN, USRN, MDJ, CMAR, SONM, ULN, GTA, LZH, CD2, etc. Each row contains station name, coordinates, and other data.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SNA, LPAZ, TORD, ILAR.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CERT, MTCE, FIAM, etc.

Table with columns: PTQR, GUAR, etc. Each row contains station name, coordinates, and other data.

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

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KRSC, MOS, NEIC.

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

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

Table with columns: NLC, SDLR, SMAR, etc. Each row contains station name, coordinates, and other data.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MA2, BILL, etc.

Table with columns: H11N2, H11N3, H11N1, SONM, YKA, XAN, XAN, XAN, XAN, D08A, KURK, KURK, KURK, MKAR, MKAR, MKAR, PD31, PD31, PDAR, FINES, CMAR, HNR, TX31, TX32, TXAR, WRAB, WRAB, WRAB, WRAB, ASAR, ASAR. Includes station names, coordinates, and various parameters.

INET 13 04:22:17.5, 11.84N, 88.65W, h49km, ML3.7
SNET 13 04:22:18.8, 12.12N, 88.65W, h20km, 5km, ML3.2
SSR 13 04:22:18.8, 12.02N, 88.65W, h20km, ML3.2
UCC 13 04:22:19.3, 2.4, 11.95N, 88.58W, h35km, 999km, ML3.2, mb4.1(NEIC)
NEIC 13 04:22:21.4, 1.5, 12.08N, 0.09, 88.35W, 0.09, h46km, 13km, mb4.1/31, Error ellipse: s-maj=16.4km s-min=8.5km az=221.0

ISC 13 04:22:19.2, 2.6, 11.96N, 0.05, 88.54W, 0.05, h28km, 19km, n73, c0594/82, mb4.2/15, Off coast of central America

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

Table with columns: LCAR, V53A, U40A, HHAR, T47A, V58A, V58A, MGMO, AMTX, S39A, S39A, WCI, WCI, Q51A, Q51A, SAML, SAML, XPFO, CO03. Includes station names, coordinates, and various parameters.

NEIC 13 04:24:09.0, 8.0, 4.6S, 0.1, 153.76E, 0.08, h95km, 7km, mb4.2/7, Error ellipse: s-maj=19.0km s-min=4.7km az=147.0
IDC 13 04:24:11.5, 3.4, 4.53S, 153.55E, h105km, 25km, mb3.7/8, mb1.3/9, mb1mx3.6/28, mbtmpp4.1/9, Error ellipse: s-maj=38.3km s-min=16.9km az=98.0
ISC 13 04:24:10.7, 0.8, 4.53S, 0.09, 153.76E, 0.1, h100km, n20, c076/21, mb3.6/9, New Ireland region

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

IDC 13 04:34:31.2, 0.6, 14.24S, 13.74W, h0km, mb4.1/16, mb1.4/216, mb1mx3.9/41, mbtmpp4.1/16, MS3.6/4, Ms1.3/6.4, ms1mx3.1/32.0, Error ellipse: s-maj=19.9km s-min=15.8km az=132.0
NEIC 13 04:34:32.8, 2.0, 14.2S, 0.1, 13.76W, 0.1, h10km, 1km, mb4.5/20, Error ellipse: s-maj=19.5km s-min=17.8km az=128.0

ISC 13 04:34:32.8, 0.5, 14.2S, 0.1, 13.76W, 0.1, h10km, n46, c079/35, mb4.2/19, MS3.7/4, Southern Mid-Atlantic Ridge

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

Table with columns: NOA, WSAR, FINES, D53A, PLAL, PLAL, W45A, HRA, VNSA, CCM, MJB9, MAJO, MJAR. Includes station names, coordinates, and various parameters.

NAO 13 04:37:22.8, 1.0, 76.97N, 18.97E, h7km, 8km, ML2.9
BER 13 04:37:24.7, 3.6, 76.94N, 18.96E, h15km, 18km, ML2.6, ML2.9(NAO), Confirmed Earthquake
IEPN 13 04:37:24.0, 76.90N, 19.03E, h10km
ISC 13 04:37:21.9, 1.1, 76.94N, 0.03, 19.12E, 0.03, h17km, 9km, n24, c207/45, 2C, Svalbard region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB07, GO03, CO01, KEST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 13 05:06:19.4, 7.96N, 124.73E, etc.

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

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

ASAR S Sn 05 48 59.4 -6.1
MKAR Makanchi Array 67.84 327 P P 05 52 50.0 0.0
IDC 13 06:08:38.3:0.7, 2.341N, 123.61E, h0km, mb4, 1/21, mb1 4.2/23, mb1mx1.4/4, mb1mp4.1/23, ML3.0/3, MS3.4/15, Ms1 3.4/15, ms1mx3.2/38, Error ellipse: s-maj=19.6km s-min=16.3km az=69.0

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO02, BO02, BO02, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31, MKAR, FITZ, ZAAO, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO02, BO02, BO01, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VA03, VA03, VA03, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like Paso Flores, El Transito, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Poplar Bluff, Surtex, Mntx, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Apatity, Apatity Array, etc.

NAO 13 06:57:57.9.1.3.67.72N:33.62E, ML2.8
KOLA 13 06:57:58.2.2.7.67.82N:33.76E, hOkm
IDC 13 06:57:52.1.6.67.82N:33.92E, hOkm, mb1.3.3/5,
mb1mx3.15, mbmp3.3/5, ML2.4/4, Error ellipse:
s-maj=16.7km s-min=8.4km az=91.0
UPP 13 06:57:58.2.2.7.67.82N:33.46E, hOkm, ML2.1, Suspected
explosion
HEL 13 06:57:58.3.0.1.67.70N:33.69E, hOkm, ML2.2, Explosion
ISC 13 06:57:56.0.1.0.67.60N:0.04.33.80E, 0.04, hOkm, n41,

Solution. Moment tensor: Scale 10^17Nm; Mr:0.78; Mw:0.07; Mw:0.71; Mw:0.41; Mw:0.11; Mw:0.94; Fault plane solution: M1.27000,1017. NP1=360.00000, 519.00000, 1.109.00000. NP2=159.00000, 872.00000, 1.83.00000. Principal axes: T 1.3075, P162.00000, Azm59.00000; N -0.0780, P162.00000, Azm161.00000; P -1.2295, P162.00000, Azm255.00000; ISC 13 07:18:25.6, 0.3, 30.745, 0.03, 70.59W, 0.04, 185km, h85km; pP-P, n1275, s121/1341, mb5.2/272, 17C-11D,

Chile-Argentina border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Includes stations like El Pedregal, Combarbal, San Esteban, etc.

Table with columns: SAM/L, Name, Time, Res, P, I, A, M, B, etc. Includes stations like Samuel, Araguaias, East Falkland, etc.

Table with columns: TIGA, Name, Time, Res, P, I, A, M, B, etc. Includes stations like Tifton, Blakely, Roger Stewart, etc.

237A		I Amb	I Amb	07 29 10.2	
V57A	comp=Z,48nm,1.1s Coltrane Farms baz=172,SNR=7.1	66.84 352	P	P	07 29 08.2 0.0
V56A	Mocksville baz=171,SNR=17	66.85 351	P	P	07 29 08.3 0.0
JCT	Junction City baz=171,SNR=17	66.92 333	P	P	07 29 08.5 -0.3
JCT	Junction City baz=153,SNR=23	66.92 333	P	P	07 29 09.6 +0.7
JCT	Junction City baz=173,SNR=9	66.92 333	P	P	07 29 08.5 -0.3
U61A	Possum Corner baz=173,SNR=9	66.95 355	P	P	07 29 09.2 +1.4
V55A	Taylorville baz=170,SNR=14	66.99 351	P	I Amb	07 29 09.3 +0.2
V55A	Taylorville	66.99 351	P	I Amb	07 29 10.4
V54A	Nebo baz=170,SNR=27	67.03 350	P	P	07 29 09.2 -0.2
Z41A	Richland Creek baz=168	67.03 340	P	P	07 29 10.0 +0.5
Z41A	Richland Creek	67.03 340	P	P	07 29 10.7 +1.3
W50A	Signal Mountai baz=173,SNR=11	67.04 347	P	I Amb	07 29 09.9 +0.4
W50A	Signal Mountai	67.04 347	P	I Amb	07 29 10.7
V53A	Saluda comp=Z,32nm,0.8s	67.05 349	P	I Amb	07 29 09.3 -0.2
V53A	Saluda	67.05 349	P	I Amb	07 29 10.6
UC9A	Littleton baz=173,SNR=14	67.08 354	P	P	07 29 10.1 +0.4
CPCT	Cooper Cave	67.13 348	P	I Amb	07 29 10.5 +0.4
U60A	Pendleton comp=Z,26nm,0.8s	67.14 354	P	P	07 29 10.5 +0.4
U60A	Pendleton	67.14 354	P	P	07 29 10.7 +0.3
SWET	Seawane	67.18 346	P	I Amb	07 29 11.5
SWET	Seawane	67.18 346	P	I Amb	07 29 11.5
U58A	Oxford comp=Z,40nm,0.9s	67.20 353	P	P	07 29 11.0 +0.6
U58A	Oxford	67.20 353	P	P	07 29 11.0 +0.6
TKL	Tuckaleechee C baz=173,SNR=12	67.20 348	P	P	07 29 10.2 -0.3
TKL	Tuckaleechee C	67.20 348	P	P	07 29 10.2 -0.3
TKL	Tuckaleechee C comp=Z,22nm,0.8s	67.20 348	P	I Amb	07 29 10.2 -0.3
TKL	Tuckaleechee C	67.20 348	P	I Amb	07 29 11.2
OXF	Oxford comp=Z,75nm,1.1s	67.29 343	P	P	07 29 11.1 +0.1
OXF	Oxford	67.29 343	P	P	07 29 11.1 +0.1
OXF	Oxford comp=Z,75nm,1.1s	67.29 343	P	P	07 29 10.7 -0.3
OXF	Oxford	67.29 343	P	P	07 29 10.7 -0.3
OXF	Oxford comp=Z,75nm,1.1s	67.29 343	P	P	07 29 11.1 +0.1
OXF	Oxford	67.29 343	P	P	07 29 11.7 +0.4
V52A	Sevierville baz=172,SNR=10	67.35 349	P	I Amb	07 29 10.8 -0.6
V52A	Sevierville	67.35 349	P	I Amb	07 29 12.1
U56A	King comp=Z,26nm,0.8s	67.37 351	P	P	07 29 11.7 +0.3
U56A	King	67.37 351	P	P	07 29 11.7 +0.3
U56A	King baz=171,SNR=8.9	67.37 351	P	I Amb	07 29 11.8 +0.3
U56A	King	67.37 351	P	I Amb	07 29 13.0
WHTX	Lake Whitney comp=Z,25nm,0.9s	67.39 335	P	P	07 29 11.8 +0.1
WHTX	Lake Whitney	67.39 335	P	P	07 29 11.8 +0.1
WHTX	Lake Whitney baz=155,SNR=12	67.39 335	P	I Amb	07 29 13.2
WHTX	Lake Whitney	67.39 335	P	I Amb	07 29 13.2
PLAL	Pickwick Lake comp=Z,24nm,0.8s	67.42 345	P	I Amb	07 29 11.6 -0.3
PLAL	Pickwick Lake	67.42 345	P	I Amb	07 29 12.1
V51A	Loudon comp=Z,19nm,0.6s	67.45 348	P	I Amb	07 29 12.0 0.0
V51A	Loudon	67.45 348	P	I Amb	07 29 12.8
VNDA	Vanda comp=Z,23nm,0.9s	67.52 191	P	P	07 29 13.4 +1.3
VNDA	Vanda	67.52 191	P	P	07 29 13.4 +1.3
VNDA	Vanda comp=Z,5.6nm,0.9s,baz=136,slow=6.6,SNR=36	67.52 191	P	P	07 53 28.9
VNDA	Vanda	67.52 191	P	P	07 53 28.9
VNDA	Vanda comp=Z,9.0nm,1.0s	67.52 191	P	P	07 29 13.5 +1.5
VNDA	Vanda	67.52 191	P	P	07 29 13.5 +1.5
WLAF	White Oak Lake	67.52 340	P	I Amb	07 29 14.0 +1.4
WLAF	White Oak Lake	67.52 340	P	I Amb	07 29 15.2
TXAR	Lajitas Array comp=Z,37nm,0.9s	67.54 329	P	P	07 29 13.5 +0.6
TXAR	Lajitas Array	67.54 329	P	P	07 29 13.5 +0.6
TXAR	Lajitas Array comp=Z,12nm,0.6s,baz=152,slow=8.3,SNR=191	67.54 329	P	P	07 29 13.7 +0.8
TXAR	Lajitas Array	67.54 329	P	P	07 29 13.7 +0.8
TX31	Lajitas Ar. Si	67.54 329	P	P	07 29 13.7 +0.8
TX32	Lajitas Array	67.54 329	P	P	07 29 13.7 +0.8
U55A	TAZ, Sparta baz=173,SNR=7.8	67.61 351	P	P	07 29 13.2 +0.1
X43A	Marvell baz=161,SNR=6.9	67.67 342	P	P	07 29 14.3 +0.9
X43A	Marvell	67.67 342	P	P	07 29 14.3 +0.9
X43A	Marvell comp=Z,58nm,1.2s	67.67 342	P	P	07 29 14.6 +1.1
X43A	Marvell	67.67 342	P	P	07 29 13.8 +0.4
T59A	Double "B" Far baz=174,SNR=19	67.68 354	P	I Amb	07 29 15.1
T59A	Double "B" Far	67.68 354	P	I Amb	07 29 13.8 +0.4
U54A	Nelsons Funny baz=170,SNR=15	67.74 350	P	P	07 29 13.8 -0.1
T58A	Grand View Acr baz=173,SNR=22	67.75 353	P	P	07 29 14.1 +0.3
W45A	Hickory Valley	67.85 344	P	I Amb	07 29 14.3 -0.2
W45A	Hickory Valley	67.85 344	P	I Amb	07 29 15.7
V48A	Smith Brothers	67.87 346	P	I Amb	07 29 14.4 -0.2
V48A	Smith Brothers	67.87 346	P	I Amb	07 29 15.8
T57A	Hurt comp=Z,49nm,1.0s	67.88 353	P	P	07 29 14.9 +0.2
T57A	Hurt	67.88 353	P	P	07 29 14.4 -0.3
TAOE	Nuku Hiva Isla baz=172,SNR=7.4	67.98 273	eLR	LR	07 50 10.8
T56A	Rocky Mt comp=Z,62nm,32.4s	68.00 352	P	P	07 29 15.8 +0.4
T56A	Rocky Mt	68.00 352	P	P	07 29 15.8 +0.4
TZTN	Tazewell baz=171,SNR=12	68.03 349	P	P	07 29 15.2 -0.5
TZTN	Tazewell	68.03 349	P	P	07 29 15.2 -0.5
TZTN	Tazewell baz=168,SNR=7.1	68.03 349	P	P	07 29 15.2 -0.5
TZTN	Tazewell	68.03 349	P	P	07 29 15.2 -0.5
CLTN	Cedars of Leba	68.11 346	P	I Amb	07 29 16.4 +0.3
CLTN	Cedars of Leba	68.11 346	P	I Amb	07 29 17.2
T55A	Pulaski comp=Z,32nm,0.6s	68.18 351	P	P	07 29 17.0 +0.3
T55A	Pulaski	68.18 351	P	P	07 29 17.0 +0.3
BLA	Blacksburg baz=171,SNR=11	68.22 352	P	P	07 29 17.0 +0.1
BLA	Blacksburg	68.22 352	P	P	07 29 17.0 +0.1
BLA	Blacksburg comp=Z,8.0nm,0.8s	68.22 352	P	P	07 29 17.2 +0.3
BLA	Blacksburg	68.22 352	P	P	07 29 17.2 +0.3
BLA	Blacksburg baz=171	68.22 352	P	P	07 29 16.9 +0.1
BLA	Blacksburg	68.22 352	P	P	07 29 16.8 -0.2
T54A	Tazewell baz=170,SNR=13	68.30 350	P	P	07 29 17.3 -0.1
T54A	Tazewell	68.30 350	P	P	07 29 17.3 -0.1
U49A	Wise baz=169,SNR=7.8	68.32 341	P	P	07 29 17.5 0.0
U49A	Wise	68.32 341	P	P	07 29 18.3 +0.6
S58A	Poland Farm, P baz=173,SNR=11	68.36 354	P	P	07 29 18.3 +0.6
S58A	Poland Farm, P	68.36 354	P	P	07 29 18.3 +0.6
S58A	Poland Farm, P comp=Z,28nm,0.9s	68.40 347	P	P	07 29 17.8 -0.2
S58A	Poland Farm, P	68.40 347	P	P	07 29 19.5
U49A	Red Boiling Sp comp=Z,28nm,0.9s	68.44 345	P	P	07 29 17.8 -0.2
U49A	Red Boiling Sp	68.44 345	P	P	07 29 19.1 +0.9
S59A	Syowa Base baz=174,SNR=9.0	68.44 159	eP	P	07 29 16.2 -1.7
S59A	Syowa Base	68.44 159	eP	P	07 29 34.8 -6.0
S59A	Syowa Base comp=Z,28nm,0.9s	68.44 159	eP	P	07 29 40.0 -5.5
S59A	Syowa Base	68.44 159	eP	P	07 29 18.9 +0.5
MIAR	Mount Ida comp=Z,13nm,1.0s	68.46 340	P	P	07 29 18.5 +0.1
MIAR	Mount Ida	68.46 340	P	P	07 29 18.5 +0.1
MIAR	Mount Ida baz=159,SNR=13	68.46 340	P	P	07 29 18.9 +0.5
MIAR	Mount Ida	68.46 340	P	P	07 29 18.3 0.0
WWT	Waverly comp=Z,58nm,0.8s	68.46 345	P	P	07 29 18.3 0.0
WWT	Waverly	68.46 345	P	P	07 29 18.3 0.0
WWT	Waverly baz=164	68.46 345	P	P	07 29 18.3 0.0
WWT	Waverly	68.46 345	P	P	07 29 18.3 0.0
Z35A	Perchaven, San	68.53 336	P	P	07 29 42.5 -1.0
Z35A	Perchaven, San	68.53 336	P	P	07 29 19.5 +0.4
S56A	Natural Bridge baz=172,SNR=9.2	68.58 352	P	P	07 29 19.5 +0.4

S57A	Dark Hollow, R baz=172,SNR=12	68.59 353	P	P	07 29 19.4 +0.3
S57A	Dark Hollow, R	68.59 353	P	P	07 29 19.8 +0.6
W41B	Gary Mavity, V baz=171,SNR=4	68.66 341	P	P	07 29 20.0 +0.4
W41B	Gary Mavity, V	68.66 341	P	P	07 29 20.1 +0.4
R58B	Mineral baz=173,SNR=17	68.69 354	P	P	07 29 20.5 +0.8
R58B	Mineral	68.69 354	P	P	07 29 20.5 +0.8
R58B	Mineral comp=Z,25nm,0.9s	68.72 348	P	I Amb	07 29 21.0 +1.0
R58B	Mineral	68.72 348	P	I Amb	07 29 21.8
T50A	Nancy baz=154,SNR=13	68.76 334	P	P	07 29 19.6 -0.4
ABTX	Abilene, Hawle	68.76 334	P	P	07 29 21.0 +0.6
ABTX	Abilene, Hawle baz=173,SNR=12	68.76 334	P	P	07 29 20.9 +0.6
ABTX	Abilene, Hawle	68.76 334	P	P	07 29 20.9 +0.6
WHAR	Wooly Hollow	68.78 341	P	P	07 29 20.9 +0.5
S55A	Lewisburg baz=171,SNR=12	68.79 352	P	P	07 29 21.0 +0.6
LXNT	Lenox baz=174	68.82 344	P	P	07 29 20.9 +0.3
CBN	Corbin Frederi	68.82 354	P	P	07 29 21.7 +0.8
S53A	Williamson baz=170,SNR=6.9	68.92 350	P	P	07 29 20.9 -0.3
S54A	Dingess, Beckl baz=173,SNR=11	68.92 351	P	P	07 29 21.0 -0.2
R58A	Ripidan baz=173,SNR=11	69.03 354	P	P	07 29 22.4 +0.6
X37A	Clayton baz=173,SNR=20	69.06 338	P	P	07 29 22.6 +0.5
R57A	Stearnsville	69.08 353	P	P	07 29 22.8 +0.7
S51A	Beattyville baz=159,SNR=43	69.13 340	P	P	07 29 22.2 -0.2
W39A	Magazine	69.13 340	P	P	07 29 23.3 +0.8
W39A	Magazine	69.13 340	P	I Amb	07 29 23.3 +0.8
W39A	Magazine comp=Z,36nm,0.8s	69.13 346	P	I Amb	07 29 22.5 0.0
T47A	Sharon Grove	69.13 346	P	I Amb	07 29 22.4
T47A	Sharon Grove	69.13 346	P	I Amb	07 29 22.4
HICK	Hickman	69.18 344	P	P	07 29 23.7 +0.9
PENMO	Penman	69.19 344	P	P	07 29 24.2 +1.3
LCAAR	Lake Charles	69.21 342	P	P	07 29 23.4 +0.4
R55A	Marlinton baz=171,SNR=13	69.24 352	P	P	07 29 24.3 +1.1
R55A	Marlinton	69.24 352	P	I Amb	07 29 24.3 +1.1
R55A	Marlinton comp=Z,26nm,0.9s	69.25 351	P	P	07 29 23.1 -0.2
R55A	Marlinton	69.25 351	P	P	07 29 24.5 +0.9
FCAR	Ozark Folk Cen comp=Z,171nm,33.0s	69.30 341	P	S	07 29 23.7 +0.1
TBI	Tubuai comp=Z,171nm,33.0s	69.32 255	eS	LR	07 36 26.0 +1.7
TBI	Tubuai	69.32 255	eLR	LR	07 50 32.5
TBI	Tubuai comp=Z,171nm,33.0s	69.32 255	eLR	LR	07 50 32.5
TBI	Tubuai	69.32 255	eLR	LR	07 50 32.5
THM	Henderson Moun comp=Z,23nm,0.2s	69.40 344	P	P	07 29 25.2 +1.0
THM	Henderson Moun	69.40 344	P	P	07 29 25.2 +1.0
PARMO	Parma	69.42 344	P	P	07 29 25.2 +0.9
T45A	Paduach	69.50 345	P	P	07 29 25.2 +0.4
R53A	Hurricane	69.53 350	P	P	07 29 25.1 +0.1
Q58A	Fox Den Farm, baz=174,SNR=6.2	69.53 350	P	P	07 29 25.2 +0.3
Q58A	Fox Den Farm, baz=174,SNR=6.2	69.53 350	P	P	07 29 26.4 +0.8
PBMO	Stral Bluff	69.70 343	P	P	07 29 26.1 -0.2
Q57A	Stolar Bluff baz=173,SNR=18	69.80 354	P	P	07 29 27.7 +1.1
R50A	Paris	69.86 349	P	P	07 29 26.4 -0.6
X34A	Smith Ranch, M baz=172,SNR=11	69.88 336	P	I Amb	07 29 27.5 +0.2
X34A	Smith Ranch, M	69.88 336	P	I Amb	07 29 28.6
Q56A	Snyder Ridge, baz=172,SNR=6.2	69.89 353	P	P	07 29 28.0 +0.9
Q56A	Snyder Ridge, baz=172,SNR=6.2	69.89 353	P	P	07 29 27.9 +0.8
U40A	Yellville baz=169,SNR=30	69.94 341	P	I Amb	07 29 27.7 +0.2
U40A	Yellville	69.94 341	P	I Amb	07 29 27.6 +0.1
U40A	Yellville comp=Z				

KSPA 121A	baz=176,SNR=19 Keystone Colle Cooks Peak, D Cooks Peak, D	72.10 356 72.11 328	P P	P P	07 29 41.3 +0.8 07 29 42.5 +1.5
N11A 121A	comp=Z,52nm,0.9s Ashland Ashland	72.13 351 72.13 351	P P	P P	07 29 40.5 -0.1 07 29 40.4 -0.3 07 29 41.5
KSCT P43A P43A	comp=Z,28nm,1.1s Kent School, K Skaggs, Pownee	72.16 358 72.20 345	P P	P P	07 29 41.1 +0.4 07 29 40.7 -0.4 07 29 41.5
M56A M56A	comp=Z,30nm,0.6s Emporium Emporium	72.21 354 72.21 354	P P	P P	07 29 41.5 +0.3 07 29 41.5 +0.3 07 29 42.6
M55A M55A	comp=Z,36nm,0.9s Ridgway Ridgway	72.25 354 72.25 354	P P	P P	07 29 41.6 +0.3 07 29 41.6 +0.3 07 29 42.8
L63A	comp=Z,48nm,1.0s North Scituate baz=179,SNR=5.1	72.25 359 72.26 337	P P	P P	07 29 42.2 +0.8 07 29 42.2 +0.7 07 29 41.9 +0.2
KAN10 BRYW BRYW	Anthony SW Sta Bryant College BRYW	72.31 359	P	P	07 29 43.8
L64A	comp=Z,29nm,0.9s Middleborough baz=180	72.32 360	P	P	07 29 42.6 +0.9
M54A	Oil Creek Stat baz=172,SNR=6.3	72.38 353	P	P	07 29 42.1 0.0
M54A SFIN	Oil Creek Stat Lafayette	72.38 353 72.40 347	P P	P P	07 29 42.3 +0.2 07 29 41.5 -0.7
SFIN SFIN	Lafayette	72.40 347	P	pP	07 29 41.0 -1.2 07 30 04.0 -1.0
N49A M53A	Columbus Grove WI Miller and	72.41 349 72.42 352	P P	P P	07 29 42.2 -0.1 07 29 42.7 +0.3
M53A M53A	baz=171 WI Miller and	72.42 352	P	P	07 29 42.1 -0.2 07 29 43.5
L60A	comp=Z,24nm,0.9s Shokan baz=177,SNR=9.0	72.45 357	P	P	07 29 43.6 +1.1
O44A O44A	Mansfield	72.46 346	P	P	07 29 42.1 -0.5 07 29 42.9
M51A	comp=Z,18nm,0.7s Glyria baz=170	72.51 351	P	P	07 29 42.7 -0.2
ALLY ALLY	Alegheny Colle ALLY	72.57 353	P	P	07 29 43.0 -0.2 07 29 44.4
LIC	comp=Z,27nm,0.9s Lamto baz=136nm,1.0s	72.58 72	eP	P	07 29 43.4 -0.6
L58A	Harry Jones Me baz=175,SNR=18	72.59 356	P	P	07 29 44.0 +0.6
M52A M52A	Chesterland Chesterland	72.61 352 72.61 352	P P	P P	07 29 43.8 +0.3 07 29 44.5
L57A	comp=Z,34nm,0.9s Andrews Acres baz=174,SNR=7.8	72.61 355	P	P	07 29 44.1 +0.6
N47A N47A	Urbana	72.62 348	P	P	07 29 43.1 -0.5 07 29 43.4
L61A	comp=Z,30nm,0.6s Hillsdale 1, H baz=177	72.63 358	P	P	07 29 44.0 +0.5
L59A	Walton baz=176,SNR=16	72.69 357	P	P	07 29 45.0 +1.0
L59A L59A	Walton	72.69 357	P	P	07 29 44.1 +0.1 07 29 46.0
M50A M50A	comp=Z,37nm,0.8s Fremont	72.70 350	P	P	07 29 44.3 +0.3 07 29 44.8
P40A BINY	comp=Z,34nm,0.7s Paris Binghamton	72.71 343 72.75 356	P P	P P	07 29 44.5 +0.4 07 29 45.3 +1.0
BINY WES	comp=Z,15nm,1.0s Weston Greenwood	72.77 359 72.80 355	P P	P P	07 29 44.9 +0.5 07 29 45.3 +0.6
L56A L56A	Greenwood	72.80 355	P	P	07 29 45.1 +0.4 07 29 46.3
TIC L61B	comp=Z,46nm,0.9s Toumoud Northampton	72.83 71 72.86 358	eP eP	P P	07 29 43.9 -1.6 07 29 45.6 +0.7
L53A	Girard baz=171	72.88 352	P	P	07 29 45.4 +0.3
HRV HRV	Adam Dzewiowski Adam Dzewiowski	72.89 359 72.89 359	P P	pmax pmax	07 29 46.3 +1.2 07 29 45.9 +0.8
HRV KIC	Adam Dzewiowski Kosan Boka	72.89 359 72.89 72	P eP	P P	07 29 46.3 +1.2 07 29 45.4 -0.4
L55A	Hinsdale baz=173,SNR=23	72.92 354	P	P	07 29 45.9 +0.5
BNN DBIC	Barren Site Dimbokro	72.95 329 72.97 71	P P	P P	07 29 47.2 +1.2 07 29 46.0 -0.3
DBIC	comp=Z,39nm,0.7s,baz=211,slow=6.6,SNR=49			LR	07 59 03.3
DBIC DBIC	comp=Z,26nm,20.9s,baz=209,slow=33			LR	07 29 46.2 -0.1
DBIC ERPA	comp=Z,47nm,0.8s Dimbokro Erie	72.97 71 73.02 353	P P	P P	07 29 46.1 -0.1 07 29 46.3 +0.4
ERPA ERPA	baz=172 Erie	73.02 353	P	P	07 29 45.8 -0.1 07 29 47.0
HDIL HDIL	comp=Z,32nm,0.8s Hopedale baz=163,SNR=7.5	73.03 345 73.03 345	P P	P P	07 29 45.9 -0.1 07 29 45.9 -0.1 07 29 46.3
L54A	comp=Z,25nm,0.6s Sinclairville baz=172,SNR=12	73.06 353	P	P	07 29 46.9 +0.8
K62A K62A	Royalston Royalston	73.06 359 73.06 359	P P	P P	07 29 47.1 +0.9 07 29 46.6 +0.5 07 29 48.4
K61A	comp=Z,48nm,1.4s Williamstown baz=171	73.09 358	P	P	07 29 48.0 +1.7
WVNY TRY	West Valley, N Troy	73.16 354 73.17 358	P P	P P	07 29 47.0 +0.3 07 29 48.1 +1.4 07 29 49.0
P38A P38A	comp=Z,38nm,1.0s Dawn	73.19 342	P	P	07 29 46.9 -0.1 07 29 49.8
K59A	comp=Z,18nm,0.7s Cooperstown baz=176,SNR=14	73.26 357	P	P	07 29 48.0 +0.6
K58A K58A	Earlville Earlville	73.29 356 73.29 356	P P	P P	07 29 47.9 +0.4 07 29 47.9 +0.4 07 29 49.1
K57A	comp=Z,32nm,0.8s Scipio Center baz=175,SNR=6.9	73.32 355	P	P	07 29 47.9 +0.3
K56A TUC	Middlesex Tucson	73.34 355 73.36 325	P P	P pmax	07 29 47.9 +0.1 07 29 48.0 -0.2
TUC TUC	comp=Z,13nm,1.0s Tucson baz=145	73.36 325	P	P	07 29 49.3 +1.1
TUC K54A	Tucson Basillko Farm, baz=173,SNR=13	73.36 325 73.37 354	P P	P P	07 29 48.0 -0.2 07 29 48.4 +0.4
MMNY MMNY	Mt. Morris Dam MMNY	73.42 354	P	P	07 29 48.5 +0.2 07 29 49.7
K55A	Perry baz=173,SNR=9.6	73.43 354	P	P	07 29 48.4 +0.1
L48A L48A	N Adams comp=Z,29nm,0.8s Harden Midland	73.44 349 73.53 344	P P	Iamb P	07 29 48.0 -0.4 07 29 49.0 07 29 48.9 0.0 07 29 49.7
N41A N41A	comp=Z,41nm,0.9s Albuquerque ANMO	73.55 330	P	pmax	07 29 50.5 +1.0
ANMO ANMO	comp=Z,47nm,1.5s Albuquerque Albuquerque	73.55 330 73.55 330	P P	P P	07 29 50.5 +1.0 07 29 51.9
K5U1 J62A	comp=Z,47nm,1.4s Kansas State U Henniker	73.59 339 73.62 359	P P	P P	07 29 49.4 0.0 07 29 49.5 +0.2 07 29 50.5 +1.1
R32A R32A	Long Quarter, Lant Hill Farm baz=178	73.64 337 73.67 358	P P	Iamb P	07 29 50.5 +0.8 07 29 51.1 07 29 51.0 +1.3
J60A	Chester baz=178,SNR=8.2	73.75 359	P	P	07 29 51.4 +1.3
J61A	Trilburg baz=171	73.75 352	P	P	07 29 51.0 0.0
K52A	Iona Station baz=170	73.79 352	P	P	07 29 50.5 +0.1
J58A	Remen baz=176,SNR=5.8	73.87 356	P	P	07 29 51.1 +0.2
J58A J56A	Remsen Wolcott	73.87 356 73.88 355	P P	P P	07 29 51.2 +0.4 07 29 50.8 -0.1
J56A	Wolcott comp=Z,33nm,0.9s	73.88 355	P	P	07 29 50.8 -0.1 07 29 52.0
J59A J59A	Piesco Piesco	73.93 357 73.93 357	P P	P P	07 29 51.7 +0.4 07 29 51.6 +0.3 07 29 53.0
J55A	comp=Z,31nm,1.1s Hilton baz=174	73.95 355	P	P	07 29 51.3 +0.1
J57A	Williamstown baz=175,SNR=11	73.96 356	P	P	07 29 51.7 +0.4
J57A	Williamstown comp=Z,33nm,0.9s	73.96 356	P	P	07 29 51.5 +0.2 07 29 52.8
K50A K50A	Casco Casco	73.99 351 73.99 351	P P	P P	07 29 51.5 -0.1 07 29 51.5 -0.1 07 29 52.0 +0.3
J54A J54A	Appleton Organ Pipe Nat baz=143,SNR=49	74.02 354 74.09 324	P P	P P	07 29 54.0 +1.5
214A 214A	Organ Pipe Nat Hanover	74.09 324 74.10 359	P P	P Iamb	07 29 54.0 +1.5 07 29 53.7 +1.5 07 29 54.7
J52A	comp=Z,23nm,0.9s Paris baz=171,SNR=7.4	74.18 353	P	P	07 29 52.7 0.0
I58A	Old Fort baz=176,SNR=20	74.18 357	P	P	07 29 52.9 +0.2
N38A N38A	Joess South For N38A	74.20 342	P	P	07 29 53.1 +0.2 07 29 55.9
I59A	comp=Z,30nm,0.8s Olmsdtville baz=177,SNR=8.1	74.24 358	P	P	07 29 53.4 +0.4
I62A	Tamworth baz=179	74.26 359	P	P	07 29 54.4 +1.3
I62A I60A	Tamworth Shoreham	74.26 359 74.27 358	P P	P P	07 29 55.0 +1.9 07 29 53.9 +0.8
I61A	Oroboro, Fairl baz=179,SNR=8.0	74.33 359	P	P	07 29 54.7 +1.2
CBKS CBKS	Cedar Bluff Cedar Bluff	74.34 337 74.34 337	P P	pmax pmax	07 29 54.6 +0.8 07 29 54.7 +1.0
CBKS CBKS	comp=Z,52nm,0.9s Cedar Bluff Cedar Bluff	74.34 337 74.43 357	P P	P P	07 29 54.6 +0.8 07 29 54.1 0.0 07 29 56.0 +1.9
I63A I63A	Newcomb Otisfield	74.43 0 74.43 0	P P	P Iamb	07 29 56.0 +1.9 07 29 54.5 +0.4 07 29 55.8
I63A I63A	Otisfield comp=Z,47nm,1.2s	74.43 0 74.46 356	P P	P P	07 29 54.5 +0.4 07 29 54.7 +0.4
L42A L42A	Carthage Oliver, Polo	74.49 345 74.49 345	P P	P Iamb	07 29 54.4 -0.1 07 29 55.4
L42A PECO	comp=Z,30nm,1.2s Prince Edward PECO	74.55 355 74.55 355	pP pP	pP Iamb	07 30 16.9 -0.5 07 29 55.4 +0.7 07 29 56.1
T25A	comp=Z,36nm,1.0s Trinidad Trinidad	74.58 333 74.58 333	P P	P P	07 29 56.9 +1.4 07 29 56.8 +1.3 07 29 55.0 -0.3
T25A LBNH	Trinidad Libison	74.58 333 74.63 359	P P	pmax P	07 29 55.0 +1.3 07 29 57.1 +1.9
LBNH	comp=Z,20nm,0.9s Libison baz=179,SNR=11	74.63 359	P	P	07 29 55.0 -0.3
LBNH LBNH	Libison Kortright Cn E baz=172,SNR=5.5	74.63 359 74.77 349	P P	P P	07 29 55.6 +0.2 07 29 55.2 -0.9 07 29 56.7
J47A J47A	Sunmer comp=Z,21nm,0.8s	74.77 349 74.80 352	P P	P P	07 29 55.2 -0.9 07 29 56.2 0.0
I51A	Listowel baz=171,SNR=7.1	74.81 357	P	P	07 29 57.0 +0.4
H58A	Gabriels baz=177,SNR=18	74.88 355	P	P	07 29 56.7 +0.1
I55A	Frankford baz=174,SNR=9.7	74.90 344 74.92 359	P P	P P	07 29 57.0 +0.1 07 29 58.0 +1.1
L40A H61A	Anamosa Lyndonville	74.92 341 74.95 1	P P	P P	07 29 57.2 +0.2 07 29 57.8 +0.7 07 29 58.3 +1.1
N35A H62A	Tabor WV Waterville	74.95 1 74.96 360	P P	P P	07 29 57.2 +0.2 07 29 58.3 +1.1
I52A	Milan baz=180	74.96 353	P	P	07 29 57.8 +0.5
H60A	Morristown baz=172,SNR=1	74.97 358	P	P	07 29 58.0 +0.7
H57A	Richville baz=178,SNR=5.6	74.97 356	P	P	07 29 57.5 +0.4
H64A	Troy baz=181	75.03 1	P	P	07 29 58.4 +0.9
H63A	New Sharon baz=181,SNR=6.3	75.05 0	P	P	07 29 58.9 +1.3
H59A	Cadyville baz=177,SNR=9.2	75.08 358	P	P	07 29 58.4 +0.6
LONY	Lake Ozonia baz=173,SNR=17	75.09 357	P	P	07 29 58.4 +0.5
LONY LONY	Lake Ozonia LONY	75.09 357	P	P	07 29 57.9 0.0 07 29 59.6
H65A	comp=Z,22nm,0.9s Eastbrook baz=182,SNR=7.7	75.11 2	P	P	07 29 59.0 +1.1
EMMW EMMW	East Machias EMMW	75.15 2	P	P	07 29 58.1 -0.1 07 30 00.4
H56A	comp=Z,24nm,0.8s Elgin Divide	75.15 356 75.16 328	P P	P P	07 29 58.6 +0.4 07 30 00.1 +1.4
W18A W18A	Petrified Fore Petrified Fore baz=146	75.16 328 75.16 328	P P	P Iamb	07 30 00.1 +1.4 07 30 00.6 +1.8 07 29 59.6
W18A H55A	comp=Z,43nm,1.1s Tweed baz=174,SNR=6.8	75.17 355	P	pP	07 30 22.9 +1.3 07 29 58.7 +0.3
DELO DELO	Deloro Mine	75.17 355	P	P	07 29 58.1 -0.3 07 29 59.7
113A H66A	comp=Z,35nm,1.4s Mohawk Valley, Whiting	75.23 323 75.23 2	P P	P P	07 29 59.5 +0.6 07 29 59.7 +1.0
SCHIA	State Center	75.24 343	P	P	07 29 59.1 +0.3
SCIA SCIA	State Center	75.24 343	P	P	07 29 58.9 0.0
FRNY FRNY	comp=Z,27nm,0.8s Flat Rock	75.27 358	P	P	07 29 59.3 +0.4 07 30 00.6
HAL HAL	comp=Z,24nm,0.8s Halifax	75.29 5	P	pmax	07 29 59.5 +0.6
HAL HAL	comp=Z,34nm,0.7s Halifax	75.29 5	P	P	07 29 59.6 +0.6 07 30 01.3
H53A	comp=Z,34nm,0.7s Bobcaygeon baz=173,SNR=9.9	75.31 354	P	P	07 29 59.3 +0.2
SUR N33A X16A X16A	Sutherland J Bar K, Exete Lo Mia Camp, P X16A	75.33 119 75.			

G45A	Suttons Bay	76.66	349	P	P	07 30 06.6	-0.3
BAR	Barrett	76.69	321	P	Iamb	07 30 08.6	+1.3
TRQ	comp-Z.29nm,0.8s	76.69	357	P	P	07 30 07.0	0.0
MONP2	Mont Tremblant Monument Peak	76.71	322	P	P	07 30 09.3	+1.6
E60A	Ste Agathe de	76.75	359	P	P	07 30 07.8	+0.5
F51A	Arnstein	76.76	353	P	P	07 30 07.3	-0.1
E58A	La Victoria	76.79	358	P	P	07 30 07.9	+0.4
BC3	Big Chuckawall	76.80	323	P	P	07 30 09.4	+1.4
E61A	Lac Etchemin	76.81	0	P	P	07 30 08.7	+1.0
E63A	Oxbow	76.83	2	P	P	07 30 08.6	+0.9
E63A	Oxbow	76.83	2	P	Iamb	07 30 08.7	+0.9
E63A	comp-Z.38nm,0.9s	76.84	2	P	P	07 30 08.7	+0.9
E64A	Griggewater	76.85	352	P	P	07 30 07.7	-0.2
F49A	Sandfield	76.86	357	P	P	07 30 08.1	+0.1
E57A	Chemin Saint G	76.88	359	P	P	07 30 09.6	+1.6
E59A	St. Maurice	76.89	351	P	P	07 30 08.6	-0.1
F48A	Evansville	76.99	356	P	P	07 30 08.8	+0.1
E55A	Montcer-Lyto	77.01	1	P	P	07 30 09.8	+1.1
E62A	Clayton Lake	77.01	1	P	P	07 30 09.8	+1.1
E62A	Clayton Lake	77.01	1	P	P	07 30 09.8	+1.1
E52A	Mattawa	77.01	354	P	P	07 30 08.8	0.0
E53A	Dumoine, Pont	77.03	355	P	P	07 30 08.9	+0.1
E54A	St. Veronique	77.03	357	P	P	07 30 08.8	0.0
E56A	Lac Duplat, Po	77.05	355	P	P	07 30 08.9	-0.1
109C	Camp Elliot, M	77.08	321	P	P	07 30 10.5	+1.1
PQI	Presque Isle	77.09	2	P	Iamb	07 30 10.0	+0.9
PQI	comp-Z.28nm,0.8s	77.13	325	P	Iamb	07 30 11.3	+1.3
W13A	Hualapai Mount	77.13	325	P	Iamb	07 30 12.3	
W13A	Paradox Valley	77.15	330	P	Iamb	07 30 11.4	+1.3
PV01	Paradox Valley	77.15	330	P	Iamb	07 30 12.3	
PV01	comp-Z.26nm,0.9s	77.26	349	P	P	07 30 10.2	0.0
F45A	CMU Biological	77.27	343	P	P	07 30 10.4	+0.2
I37A	Lemond, Wascca	77.28	330	P	P	07 30 11.9	+1.1
PV13	Radium Mtn, 25	77.28	330	P	P	07 30 12.4	+1.6
PV02	Paradox Valley	77.28	330	Iamb	Iamb	07 30 12.9	
PV02	comp-Z.37nm,0.9s	77.29	322	P	Iamb	07 30 12.2	+1.4
XPFO	Pion Flat	77.29	322	P	Iamb	07 30 13.4	
XPFO	comp-Z.39nm,1.1s	77.29	330	P	Iamb	07 30 12.3	+1.5
PV15	Paradox Valley	77.29	330	P	Iamb	07 30 13.3	
PV15	comp-Z.37nm,1.0s	77.29	322	P	P	07 30 12.2	+1.4
PFO	Pinyon Flats O	77.29	322	P	P	07 30 12.4	+1.6
PFO	comp-Z.36nm,1.0s	77.29	322	P	P	07 30 12.2	+1.4
PFO	Pinyon Flats O	77.29	322	P	Iamb	07 30 12.2	+1.4
PFO	Pinyon Flats O	77.29	322	P	Iamb	07 30 12.2	+1.4
PFO	comp-Z.36nm,1.0s	77.30	360	P	P	07 30 11.1	+0.8
D60A	Saint Jean D'O	77.33	330	P	P	07 30 12.4	+1.3
PV05	Paradox Valley	77.34	354	P	P	07 30 10.6	+0.1
E51A	G1948 Merrick	77.35	323	P	P	07 30 12.5	+1.3
BELC	Belle Mtn, Jos	77.35	353	P	P	07 30 10.7	0.0
E50A	Wahnapiitae	77.35	353	P	P	07 30 12.4	+1.2
ISCO	Idaho Springs	77.36	333	P	P	07 30 12.4	+1.2
ISCO	comp-Z.27nm,0.8s	77.36	333	P	P	07 30 12.4	+1.2
ISCO	Idaho Springs	77.36	333	P	P	07 30 12.4	+1.2
ISCO	Idaho Springs	77.36	333	P	Iamb	07 30 12.4	+1.2
ISCO	Idaho Springs	77.36	333	P	Iamb	07 30 12.4	+1.2
PV03	Paradox Valley	77.37	330	P	Iamb	07 30 12.2	+1.0
PV03	comp-Z.25nm,0.9s	77.39	330	P	Iamb	07 30 11.9	+0.6
PV18	Skein Mesa, Pa	77.39	330	P	Iamb	07 30 13.3	
D59A	Saint-Raymond	77.40	359	P	P	07 30 11.3	+0.4
PV12	Saucer Basin,	77.41	330	P	Iamb	07 30 12.3	+0.8
PV12	comp-Z.40nm,0.8s	77.42	330	P	Iamb	07 30 13.5	
PV11	David Mesa, Pa	77.42	330	P	Iamb	07 30 13.2	+1.5
PV11	comp-Z.29nm,0.9s	77.42	327	P	P	07 30 12.5	+0.9
U15A	North Rim	77.44	330	P	P	07 30 12.7	+1.0
PV07	Parad Valley	77.44	330	P	P	07 30 12.1	+0.9
PV17	East Wray Mesa	77.45	330	P	P	07 30 12.1	+0.9
D63A	Stockholm	77.46	358	P	P	07 30 11.7	+0.4
D57A	Chemin Vers le	77.46	358	P	P	07 30 12.4	+1.0
K31A	O'Neill	77.48	1	P	P	07 30 12.1	+0.8
D62A	Allapoint, All	77.48	1	P	P	07 30 12.0	+0.8
D62A	Allapoint, All	77.48	1	P	Iamb	07 30 13.4	
PV19	Morning Glory	77.48	330	P	P	07 30 12.4	+0.6
PV19	comp-Z.21nm,0.8s	77.50	330	P	Iamb	07 30 13.8	
PV20	West Nyswonger	77.50	330	P	Iamb	07 30 12.1	+0.6
PV20	comp-Z.21nm,0.8s	77.50	358	P	P	07 30 12.9	+0.9
D58A	Chemin du LacG	77.51	330	P	P	07 30 12.1	+0.6
PV04	Paradox Valley	77.51	330	P	Iamb	07 30 14.1	
D56A	ZEC Mazanza, M	77.52	357	P	P	07 30 11.7	0.0
D55A	Sainte-Anne-du	77.53	357	P	P	07 30 11.6	0.0
PV14	Lion Creek, Pa	77.55	330	P	Iamb	07 30 13.6	+1.3
PV14	comp-Z.35nm,0.8s	77.56	330	P	P	07 30 12.6	+0.2
PV10	Paradox Valley	77.57	352	P	P	07 30 12.1	+0.2
E48A	Lockeey	77.57	352	P	P	07 30 13.9	+1.5
PV22	Blue Mesa, Par	77.58	330	P	Iamb	07 30 14.5	
PV22	comp-Z.26nm,0.9s	77.61	330	P	Iamb	07 30 14.0	+1.6
PV23	Carpenter Ridg	77.61	330	P	Iamb	07 30 14.3	
PV23	comp-Z.28nm,0.9s	77.67	322	P	P	07 30 14.4	+1.6
MURC	Murrieta	77.68	355	P	P	07 30 12.7	+0.3
D52A	ZEK Kipawa Sen	77.68	330	P	P	07 30 14.1	+1.1
PV21	Come Mtn., Par	77.68	330	P	Iamb	07 30 15.0	
PV21	comp-Z.22nm,0.9s	77.69	351	P	P	07 30 12.3	-0.2
E47A	Iron Bridge	77.73	346	P	P	07 30 12.9	+0.1
G40A	Rib Lake	77.73	355	P	P	07 30 12.8	+0.1
D53A	Lac Vachic, Po	77.73	355	P	P	07 30 12.8	+0.1
D53A	Lac Vachic, Po	77.73	355	P	Iamb	07 30 14.8	+0.1
D53A	comp-Z.36nm,0.8s	77.73	355	P	Iamb	07 30 14.8	+0.1

D54A	Lac Fusel, La	77.73	356	P	P	07 30 12.1	-0.6
BATH	Bathurst New B	77.77	3	P	Iamb	07 30 13.9	+1.0
BATH	comp-Z.28nm,0.9s	77.78	323	P	Iamb	07 30 15.1	+1.5
GMRC	Granite Mounta	77.78	323	P	P	07 30 14.1	+1.0
LATQ	La Tuque	77.79	358	P	P	07 30 13.8	+0.2
ECSD	EROS Data Cent	77.85	341	P	P	07 30 13.8	+0.2
ECSD	EROS Data Cent	77.85	341	P	P	07 30 13.6	0.0
D51A	Lot 18 Range I	77.88	354	P	P	07 30 14.4	+0.1
D50A	G1974 Best Tow	78.00	354	P	P	07 30 16.8	+1.8
KBRC	Big Bear Solar	78.03	322	P	P	07 30 17.1	+1.5
KNB	Kanab	78.15	327	P	P	07 30 17.1	+1.5
KNB	comp-Z.40nm,1.0s	78.15	327	P	P	07 30 17.2	+1.6
KNB	Kanab	78.15	327	P	P	07 30 17.1	+1.5
HEC	Hector,Ludlow	78.18	321	P	P	07 30 17.1	+1.5
CIS	Catalina Islan	78.18	321	P	P	07 30 14.9	-0.4
E43A	Lone Tree Farm	78.18	348	P	Iamb	07 30 16.6	
E43A	comp-Z.28nm,0.9s	78.21	352	P	P	07 30 15.1	-0.3
D48A	Paudash Townsh	78.21	352	P	P	07 30 15.3	-0.2
D46A	Sault St. Mari	78.22	351	P	P	07 30 16.1	-0.3
PKCU	Pink Cliffs	78.26	327	P	P	07 30 15.3	-0.4
D47A	Chapleau	78.26	351	P	P	07 30 15.8	+0.1
D49A	Beulah Townsh	78.26	353	P	P	07 30 15.6	-0.2
SPMN	Marine on St.	78.26	344	P	Iamb	07 30 15.2	-0.5
SPMN	Marine on St.	78.26	344	P	Iamb	07 30 16.1	
SPMN	comp-Z.23nm,0.6s	78.31	347	P	P	07 30 15.8	-0.2
COWI	Conover	78.35	326	P	P	07 30 17.2	+0.6
LCMT	Little Creek M	78.41	322	P	P	07 30 18.1	+1.1
BFSC	Mount Baldy Ra	78.42	324	P	P	07 30 18.5	+1.5
TUQ	Turquoise Moun	78.42	324	P	P	07 30 18.4	+1.2
N23A	Red Feather La	78.43	333	P	P	07 30 18.4	+1.2
N23A	Red Feather La	78.43	333	P	Iamb	07 30 19.3	
N23A	comp-Z.23nm,0.8s	78.55	323	P	P	07 30 19.2	+1.6
RRX	Edison Barstow	78.55	323	P	P	07 30 18.9	+0.7
MWC	Mount Wilson	78.61	321	P	P	07 30 18.9	+0.7
MWC	comp-Z.35nm,0.8s	78.61	321	P	Iamb	07 30 20.4	
MWC	Mount Wilson	78.61	321	P	Iamb	07 30 19.8	+0.7
MWC	comp-Z.35nm,0.8s	78.61	321	P	Iamb	07 30 20.4	
PASC	Pasadena Art C	78.64	321	P	P	07 30 19.4	+1.3
PASC	comp-Z.30nm,0.8s	78.64	321	P	Iamb	07 30 20.5	
PASC	comp-Z.30nm,0.8s	78.64	321	P	P	07 30 20.5	
PASC	comp-Z.30nm,0.8s	78.64	321	P	P	07 30 20.5	
MTPU	Mount Pierson	78.68	328	P	P	07 30 19.8	+1.1
O20A	White River Ci	78.69	331	P	P	07 30 19.6	+1.1
O20A	White River Ci	78.69	331	P	Iamb	07 30 19.6	+1.1
O20A	White River Ci	78.69	331	P	Iamb	07 30 19.6	+1.1
O20A	White River Ci	78.69	331	P	Iamb	07 30 19.6	+1.1
VLDQ	Val d'Or	78.74	355	P	P	07 30 18.8	+0.5
VLDQ	comp-Z.40nm,0.9s	78.74	355	P	Iamb	07 30 20.3	+1.5
SZCU	Surt Canoe	78.74	327	P	P	07 30 20.3	+1.5
GSC	Goldstone, Bar	78.78	323	P	P	07 30 20.2	+1.3
GSC	comp-Z.21nm,0.7						

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Polarization, Position (Pn, S, Sb, Pg), Time, and other parameters. Includes stations like YM01, WLTB, YM10, YM11, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pn, S, Sb, Pg), Time, and other parameters. Includes stations like JISG, MASBT, EAST, WDGJ, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Polarization, Position (Pn, S, Sb, Pg), Time, and other parameters. Includes stations like PB07, AC01, AC02, etc.

MDND	Maddock	76.68 339	P	P	08 58 22.5 +0.5
MDND	Auburn Hatcher	76.97 330	P	P	08 58 47.5 +0.3
AHID	Hansel Valley	77.00 328	P	P	08 58 50.0 +1.0
HVU	Hansel Valley	77.00 328	P	P	08 58 25.0 +0.9
MLAC	Mammoth, Mammoth	77.17 322	P	P	08 58 26.2 +1.0
OMMB	Old Mammoth Mt	77.25 321	P	P	08 58 26.9 +1.1
DEP	Devils Postpile	77.31 321	P	P	08 58 27.4 +1.4
ECR	Eagle Creek	77.32 330	P	P	08 58 27.0 +1.1
REDW	Red Top Meadow	77.32 330	P	P	08 58 26.6 +0.7
REDW	Redw	77.32 330	P	P	08 58 27.7
SNOW	Snow King Mount	77.35 330	P	P	08 58 27.1 +1.0
SNOW	Snow	77.35 330	P	P	08 58 28.0
NVAR	Mina Array Bea	77.43 322	P	P	08 58 27.6 +1.0
NVAR	NVAR	77.43 322	P	P	08 58 51.8 +0.1
ELK	Elko	77.46 326	P	P	08 58 27.7 +1.0
ELK	Elko	77.46 326	P	P	08 58 27.7 +1.0
ELK	Elko	77.46 326	P	P	08 58 27.7 +1.0
TPAW	Teton Pass	77.46 326	P	P	08 58 27.7 +1.0
TPAW	TPAW	77.46 326	P	P	08 58 28.7
FWXY	Fox Creek	77.61 330	P	P	08 58 28.3 +0.7
RYAN	Ryan	77.69 322	P	P	08 58 27.4 +0.5
ULM	Lac du Bonnet	77.73 343	P	P	08 58 27.1 -0.6
ULM	Lac du Bonnet	77.73 343	P	P	08 58 27.1 -0.6
ULM	Lac du Bonnet	77.73 343	P	P	08 58 27.1 -0.6
KVNV	Kaiserville	77.75 323	P	P	08 58 52.2 -0.7
KVNV	Kaiserville	77.75 323	P	P	08 58 29.2 +0.8
KVNV	Kaiserville	77.75 323	P	P	08 58 29.2 +0.8
KVNV	Kaiserville	77.75 323	P	P	08 58 30.3
IMW	Indian Meadow	77.78 330	P	P	08 58 29.3 +0.8
IMW	Indian Meadow	77.78 330	P	P	08 58 30.5
FLWY	Flagg Ranch	77.81 331	P	P	08 58 29.8 +1.2
FLWY	Flagg Ranch	77.81 331	P	P	08 58 30.9
H17A	Grant Village	77.81 331	P	P	08 58 31.3 +1.5
RLMT	Red Lodge	78.01 332	P	P	08 58 30.6 +0.8
RLMT	Red Lodge	78.01 332	P	P	08 58 30.5 +0.8
RLMT	Red Lodge	78.01 332	P	P	08 58 31.1
RLMT	Red Lodge	78.01 332	P	P	08 58 55.9 +1.1
LAO	LASA Array	78.04 335	P	P	08 58 30.2 +0.5
LAO	LASA Array	78.04 335	P	P	08 58 30.1 +0.5
LAO	LASA Array	78.04 335	P	P	08 58 31.2
WAKR	Walker	78.11 322	P	P	08 58 55.6 +1.0
WAKR	Walker	78.11 322	P	P	08 58 32.4 +2.0
YNE	Yellowstone No	78.24 332	P	P	08 58 32.0 +1.0
CMB	Columbia Colle	78.33 321	P	P	08 58 32.1 +0.7
CMB	Columbia Colle	78.33 321	P	P	08 58 32.1 +0.7
CMB	Columbia Colle	78.33 321	P	P	08 58 32.1 +0.7
YERR	Yerington	78.34 322	P	P	08 58 32.3 +1.7
TORD	Tordi Ar. Bea	78.39 70	P	P	08 58 31.9 -0.3
TORD	Tordi Ar. Bea	78.39 70	P	P	08 58 56.9 -0.8
TORD	Tordi Ar. Bea	78.39 70	P	P	08 58 56.9 -0.8
TORD	Tordi Ar. Bea	78.39 70	P	P	08 58 56.9 -0.8
YMR	Madison River	78.39 331	P	P	08 58 33.5 +1.7
YHH	Holmes Hill	78.43 331	P	P	08 58 34.0 +1.9
YHB	Horse Butte	78.56 331	P	P	08 58 34.2 +1.5
PNTR	Pine Nut	78.61 322	P	P	08 58 35.0 +1.9
PNTR	Pine Nut	78.61 322	P	P	08 58 35.6
SCHO	Schefferville	78.62 1	P	P	08 58 32.2 -0.4
SCHO	Schefferville	78.62 1	P	P	08 58 56.5 -1.2
SCHO	Schefferville	78.62 1	P	P	08 58 32.8 +0.2
SCHO	Schefferville	78.62 1	P	P	08 58 32.8 +0.2
YHL	Hebgen Lake	78.63 331	P	P	08 58 35.5 +2.1
GMNT	Greyhiff	78.71 332	P	P	08 58 34.2 +0.7
QLMT	Earthquake Lak	78.72 331	P	P	08 58 35.6 +1.9
DMGT	Dagmar	78.78 337	P	P	08 58 34.4 +0.9
DMGT	Dagmar	78.78 337	P	P	08 58 34.5 +0.9
VMNR	Virginia City	78.78 322	P	P	08 58 36.2 +1.5
PAHR	Pañ Rah Range	78.92 323	P	P	08 58 37.2
HLID	Halley	79.14 328	P	P	08 58 37.4 +1.6
HLID	Halley	79.14 328	P	P	08 58 36.6 +0.8
HLID	Halley	79.14 328	P	P	08 58 38.4
RCYI	Bear Canyon	79.23 329	P	P	08 58 37.7 +1.3
AFDM	Forest Hills D	79.29 321	P	P	08 58 37.2 +0.9
MCMT	McKenzie Canyo	79.36 330	P	P	08 58 38.7 +1.5
BOZ	Bozeman (W)	79.41 331	P	P	08 58 38.0 +0.7
BOZ	Bozeman (W)	79.41 331	P	P	08 58 37.8 +0.5
BOZ	Bozeman (W)	79.41 331	P	P	08 58 38.0 +0.7
BOZ	Bozeman (W)	79.41 331	P	P	08 58 38.9 +0.7
TSUM	Tsumeb	79.47 106	P	P	08 58 39.3 -0.5
TSUM	Tsumeb	79.47 106	P	P	08 58 39.2 +0.9
TSUM	Tsumeb	79.47 106	P	P	08 58 40.7 +0.6
DLMT	Dillon	79.66 330	P	P	08 58 39.7 +1.0
DLMT	Dillon	79.66 330	P	P	08 58 40.7
MFID	Camas Ranch	79.72 327	P	P	08 58 39.9 +0.9
MFID	Camas Ranch	79.72 327	P	P	08 58 41.2
LRM	Limekiln Ridge	79.95 331	P	P	08 58 41.2 +0.9
ORV	Oroville	80.00 322	P	P	08 58 41.7 +1.2
ORV	Oroville	80.00 322	P	P	08 58 42.7
ORV	Oroville	80.00 322	P	P	08 59 07.1 +1.5
WVOR	Wild Horse Val	80.44 325	P	P	08 58 43.3 +1.0
WVOR	Wild Horse Val	80.44 325	P	P	08 58 43.7 +0.8
WVOR	Wild Horse Val	80.44 325	P	P	08 58 43.7 +0.8
WVOR	Wild Horse Val	80.44 325	P	P	08 58 43.7 +0.8
EGMT	Eagleton	80.53 334	P	P	08 58 43.7 +0.8
EGMT	Eagleton	80.53 334	P	P	08 58 43.7 +0.8
EGMT	Eagleton	80.53 334	P	P	08 58 44.4
EGMT	Eagleton	80.53 334	P	P	08 58 44.4
MOD	Modoc Plateau	80.95 324	P	P	08 58 46.5 +0.9
J06A	Circle Bar Ran	81.01 326	P	P	08 58 46.9 +1.0
J06A	Circle Bar Ran	81.01 326	P	P	08 58 48.8 +1.1
WDC	Whiskeytown Da	81.28 322	P	P	08 58 46.7 -0.5
WDC	Whiskeytown Da	81.28 322	P	P	08 58 46.7 -0.5
WDC	Whiskeytown Da	81.28 322	P	P	08 58 46.7 -0.5
WDC	Whiskeytown Da	81.28 322	P	P	08 58 46.7 -0.5
BMO	Blue Mountains	81.50 328	P	P	08 58 49.0 +0.6
BMO	Blue Mountains	81.50 328	P	P	08 58 49.0 +0.6
N02D	Trinity Center	81.64 322	P	P	08 58 49.1 -0.1

M04C	Macdoel	81.70 323	P	P	08 58 50.2 +0.6
K05A	Summer Lake	81.83 324	P	P	08 58 51.5 +1.1
K05A	Summer Lake	81.83 324	P	P	08 58 52.6
MAW	Mawson	81.91 363	P	P	08 58 51.0 +0.8
MAW	Mawson	81.91 363	P	P	08 59 16.1 +0.3
MAW	Mawson	81.91 363	P	P	08 59 16.1 +0.3
MAW	Mawson	81.91 363	P	P	08 58 51.0 +0.8
M02C	Callahan	82.00 322	P	P	08 58 51.1 -0.1
I07A	Izeze	82.05 326	P	P	08 58 52.3 +0.9
YBH	Yreka Blue Hor	82.15 323	P	P	08 58 51.4 -0.5
YBH	Yreka Blue Hor	82.15 323	P	P	08 58 51.4 -0.5
YBH	Yreka Blue Hor	82.15 323	P	P	08 58 51.4 -0.5
YBH	Yreka Blue Hor	82.15 323	P	P	08 58 53.5
JTMT	Jette	82.23 331	P	P	08 59 18.4 +0.9
JTMT	Jette	82.23 331	P	P	08 58 52.9 +0.5
JTMT	Jette	82.23 331	P	P	08 58 53.6 -0.1
L04D	Klamath Falls	82.25 323	P	P	08 58 52.9 +0.5
L04D	Klamath Falls	82.25 323	P	P	08 58 53.6 -0.1
F10A	Beach Ranch, E	82.27 328	P	P	08 58 52.9 +0.5
F10A	Beach Ranch, E	82.27 328	P	P	08 58 53.6 -0.1
BOSA	Bosch	82.39 118	P	P	08 59 19.1 -0.2
BOSA	Bosch	82.39 118	P	P	08 59 19.1 -0.2
BOSA	Bosch	82.39 118	P	P	08 59 19.1 -0.2
BOSA	Bosch	82.39 118	P	P	08 59 19.1 -0.2
J05D	Fort Rock, OR	82.40 324	P	P	08 58 55.4 +1.1
J05D	Fort Rock, OR	82.40 324	P	P	08 58 55.4 +1.1
J05D	Fort Rock, OR	82.40 324	P	P	08 58 55.4 +1.1
J05D	Fort Rock, OR	82.40 324	P	P	08 58 55.4 +1.1
G08A	Pilot Rock	82.63 327	P	P	08 58 54.6 +0.3
KRM8	Red Mountain	82.68 322	P	P	08 58 55.7 +1.0
J04D	Umpqua Nationa	82.83 324	P	P	08 58 56.3 +0.8
J04D	Umpqua Nationa	82.83 324	P	P	08 58 56.3 +0.8
J04D	Umpqua Nationa	82.83 324	P	P	08 58 56.3 +0.8
J04D	Umpqua Nationa	82.83 324	P	P	08 58 56.3 +0.8
WALA	Waterton Lakes	83.07 332	P	P	08 58 58.6 +0.3
WALA	Waterton Lakes	83.07 332	P	P	08 58 57.9
WALA	Waterton Lakes	83.07 332	P	P	08 58 58.9 +1.0
WALA	Waterton Lakes	83.07 332	P	P	08 58 58.1 0.0
I04A	Tench Farm,	83.37 324	P	P	08 59 00.3 +0.7
I04A	Tench Farm,	83.37 324	P	P	08 59 01.3
HAWA	Hanford	83.69 328	P	P	08 59 01.1 +1.1
HAWA	Hanford	83.69 328	P	P	08 59 01.1 +1.1
J01E	Myrtle Point	83.77 323	P	P	08 59 01.4 +1.2
J01E	Myrtle Point	83.77 323	P	P	08 59 00.6 0.0
G05D	Wamic, OR	83.78 326	P	P	08 59 01.3 +0.8
G05D	Wamic, OR	83.78 326	P	P	08 59 00.6 -0.1
I03D	Drain, OR	83.81 324	P	P	08 59 00.5 -0.1
I03D	Drain, OR	83.81 324	P	P	08 59 00.5 -0.1
H04A	Detroit Lake	83.85 325	P	P	08 59 00.6 -0.1
D08A	Wollman Farm,	83.86 328	P	P	08 59 01.3 -0.1
D08A	Wollman Farm,	83.86 328	P	P	08 59 01.3 -0.1
NEW	Newport	83.89 330	P	P	08 59 02.3 +0.7
NEW	Newport	83.89 330	P	P	08 59 28.0 +1.1
NEW	Newport	83.89 330	P	P	08 59 28.0 +1.1
NEW	Newport	83.89 330	P	P	08 59 28.0 +1.1
C09A	Chrismar Ranch	84.09 329	P	P	08 59 02.3 +0.7
C09A	Chrismar Ranch	84.09 329	P	P	08 59 28.0 +1.1
C09A	Chrismar Ranch	84.09 329	P	P	08 59 28.0 +1.1
C09A	Chrismar Ranch	84.09 329	P	P	08 59 28.0 +1.1
I02A	Swisshome	84.35 324	P	P	08 59 02.3 +0.7
I02A	Swisshome	84.35 324	P	P	08 59 02.3 +0.7
I02A	Swisshome	84.35 324	P	P	08 59 02.3 +0.7
I02A	Swisshome	84.35 324	P	P	08 59 02.3 +0.7
LTY	Liberty	84.85 328	P	P	08 59 05.8 +0.2
B08A	Colville Reser	84.98 329	P	P	08 59 06.2 +0.1
B08A	Colville Reser	84.98 329	P	P	08 59 06.2 +0.1
E04D	Cinebar	85.32 326	P	P	08 59 03.9 +1.5
E04D	Cinebar	85.32 326	P	P	08 59 03.9 +1.5
D05A	Enumclaw	85.46 327	P	P	08 59 09.0 +0.5
D05A	Enumclaw	85.46 327	P	P	08 59 09.6
D05A	Enumclaw	85.46 327	P	P	08 59 10.9 +0.7
D05A	Enumclaw	85.46 327	P	P	08 59 11.8
E03A	Lebam	85.82 326	P	P	08 59 12.7 +0.4
E03A	Lebam	85.82 326	P	P	08 59 12.0 -0.3
E03A	Lebam	85.82 326	P	P	08 59 20.8 +0.7
B05A	Bryant	86.24 328	P	P	08 59 45.5 -0.4
B05A	Bryant	86.24 328	P	P	08 59 45.5 -0.4
B05A	Bryant	86.24 328	P	P	08 59 45.5 -0.4
B05A	Bryant	86.24 328	P	P	08 59 45.5 -0.4
ESDC	Sonsea Array	87.79 344	P	P	08 59 33.9
ESDC	Sonsea Array	87.79 344	P	P	08 59 33.9
ESDC	Sonsea Array	87.79 344	P	P	08 59 33.9
ESDC	Sonsea Array	87.79 344	P	P	08 59 33.9
CASY	Casey	89.92 180	P	P	08 59 30.9 +1.3
CASY	Casey	89.92 180	P	P	08 59 56.9 +1.2
YKA	Yellowknife Ar	93.56 341	P	P	08 59 46.1 -0.3
YKA	Yellowknife Ar	93.56 341	P	P	08 59 46.1 -0.3
YKA	Yellowknife Ar	93.56 341	P	P	08 59 46.1 -0.3
YKA	Yellowknife Ar	93.56 341	P	P	08 59 46.1 -0.3
YKA	Yellowknife Ar	93.5			

OGDI Digne	0.77 239	Pg	Pb	10 05 56.3 +1.2	LASF	comp=E,93nm,0.4s	eSn	Sn	10 06 49.6 +0.3	MOTA Motalm	3.92 42	i Pn	Pn	10 06 41.4 +1.5
OGDI Imperia	0.78 141	Sg	Sb	10 06 07.3 +1.9	TUE Stuetta	2.47 37	P	Pn	10 06 20.5 +0.6	MOTA	comp=N,1.7nm,0.1s,SNR=9.1	eSn	Sn	10 07 27.9 +2.2
IMI Imperia	0.78 141	S	Pg	10 05 55.2 +0.3	TUE	comp=E,180µm,0.2s	AML	AML		TCF Toulx Ste Croix	3.95 298	eP	Pn	10 06 43.5 +3.5
IMI Imperia	0.78 141	S	Pg	10 05 55.6 +0.3	TUE	comp=N,248µm,0.3s	AML	AML		TCF	comp=N,12nm,0.3s	eSn	Sn	10 07 25.6 -0.6
IMI Imperia	0.78 141	S	Pg	10 06 05.3 +0.3	BNALP Bannalp	2.51 19	P	Pb	10 06 24.4 -0.3	TCF	comp=N,12nm,0.3s	eSg	Sg	10 07 45.2 -1.3
IMI comp=E,3305µm,0.4s		AML	AML		PII	2.51 107	P	Pn	10 06 21.0 +0.8	SFTF Sfontaines	3.99 339	eP	Pn	10 06 43.7 +3.1
CALF Calern	0.79 196	Pg	Sb	10 05 55.9 +0.4	PII	comp=N,194µm,1.0s	AML	AML		SFTF	comp=N,38nm,0.2s	eSn	Sn	10 07 26.7 -0.5
CALF Fort Saint-Gob	0.79 332	Sg	Pb	10 06 06.4 +0.4	CORF Corte	2.63 147	P	Pn	10 06 22.2 +0.3	FNEB Nbias	4.04 248	Pn	Pn	10 06 43.8 +2.5
OGMO Monaco	0.80 169	Pg	Pg	10 05 55.5 +0.3	MAGA Magasa	2.73 61	P	Pn	10 06 23.4 0.0	RJF Les Rejaudoux	4.12 283	ePn	Pn	10 06 42.9 +0.4
MON Monaco	0.80 332	Sg	Pg	10 05 55.6 +0.3	MAGA	comp=N,539µm,0.6s	AML	AML		RJF Les Rejaudoux	4.12 283	eP	Pn	10 06 45.8 +0.4
QLNO Quiliano	0.83 103	P	Sb	10 06 06.4 +0.2	MAGA	comp=N,1355µm,0.6s	AML	AML		RJF	comp=N,26nm,0.4s	eSg	Sg	10 07 50.5 -1.7
QLNO		S	Pg	10 05 56.0 0.0	BERNI Berninapass	2.74 45	P	Pn	10 06 25.5 +1.8	WTTA Wattenberg	4.13 47	ePn	Pn	10 06 45.1 +2.3
QLNO		AML	AML	10 06 07.5 +0.6	BERNI	comp=N,130µm,0.7s	AML	AML		WTTA	comp=N,6.2nm,0.2s,SNR=17	eSn	Sn	10 07 33.7 +2.6
QLNO comp=N,3170µm,0.4s		AML	AML		BERNI	comp=N,97µm,0.7s	AML	AML		WTTA	comp=N,23nm,0.5s	eP	Sn	10 07 33.4 +2.4
ROTM Rocchetta Tana	0.88 67	P	Pb	10 05 58.2 +1.3	CHMF Charmoille	2.76 352	Pn	Pn	10 06 26.1 +2.2	WTTA Wattenberg	4.13 47	P	Pn	10 06 45.2 +2.4
ROTM Rocchetta Tana	0.88 67	P	Sb	10 06 10.8 +2.3	CHMF	comp=N,4.4nm,0.3s,baz=260,slow=6.0,SNR=35	Sn	Sn	10 06 59.1 +2.0	WATA Walderalm	4.15 46	i Pn	Pn	10 06 45.2 +2.3
ROTM		AML	AML	10 05 58.1 +1.3	CRMI Carnignano	2.80 104	P	Pn	10 06 25.1 +0.9	WATA	comp=N,8.7nm,0.5s,SNR=8.8	ePn	Pn	10 06 45.2 +2.3
ROTM comp=N,18400µm,0.4s		AML	AML		CRMI	comp=E,29µm,1.2s	AML	AML		PAGF Fort de Pagny	4.17 346	eP	Pn	10 06 46.1 +3.0
ROTM comp=E,14000µm,0.3s		AML	AML		CRMI	comp=N,40µm,0.9s	AML	AML		PAGF	comp=N,93nm,0.5s	eSn	Sn	10 07 30.5 -1.2
LSD Lago del Serru	0.95 357	P	Pg	10 05 57.9 -0.3	AJAC Base Areonaval	2.82 156	P	Pn	10 06 25.3 +0.7	HYF Humbigny	4.22 312	ePn	Pn	10 06 44.2 +0.4
LSD comp=E,6770µm,1.1s		AML	AML		AJAC	2.83 100	P	Sn	10 06 57.4 -1.0	HYF	4.22 312	eP	Pn	10 06 47.4 +3.6
LSD		AML	AML		PTF Prato	2.84 7	ePn	Pn	10 06 25.6 +0.9	HYF	comp=N,3.8nm,0.2s,SNR=12	eSn	Sn	10 07 32.0 -0.8
PCP Piancastagn	0.95 88	P	Pg	10 05 58.5 +0.2	BALST Balsthal	2.84 7	ePn	Pg	10 06 26.7 +1.8	HYF	comp=N,3.8nm,0.2s,SNR=12	eSg	Sg	10 07 54.9 -0.3
PCP		S	Pg	10 06 12.0 +1.3	BALST	2.85 355	ePn	Pg	10 07 00.9 +1.9	MON Montcuq	4.31 270	Pn	Pn	10 06 47.8 +2.8
PCP		AML	AML		BALST	2.85 147	Pn	Sn	10 06 58.0 -1.2	ABTA Abfaltersbach	4.34 57	i Pn	Pn	10 06 47.1 +1.6
PCP comp=E,4200µm,0.7s		AML	AML		LOMF Lomont	2.85 147	Pn	Sn	10 06 58.0 -1.2	ABTA	comp=N,3.8nm,0.2s	eSn	Sn	10 07 37.2 +1.4
PCP		AML	AML		SMPL Sampolo	2.85 147	Pn	Sn	10 06 56.6 -2.6	ABTA	comp=N,3.8nm,0.2s	eSn	Sn	10 07 37.2 +1.4
PCP		AML	AML		SMPL	2.91 286	Pn	Pn	10 06 28.5 +2.7	GAGI Gagliole	4.42 105	P	Pb	10 06 55.3 -2.0
PCP		AML	AML		LBL Lubilhac	2.91 286	Pn	Pn	10 06 28.5 +2.7	ARRI Arrone	4.47 114	P	Pg	10 07 05.8 +0.3
PCP		AML	AML		DAVOX Davos/Dischmat	2.94 39	Pn	Pn	10 06 27.7 +1.3	ARRI	4.47 114	P	Pg	10 07 05.8 +0.3
PCP		AML	AML		DAVOX	comp=N,4.4nm,0.3s,baz=260,slow=6.0,SNR=35	Sn	Sn	10 07 02.2 +0.6	LFU Furstenteldbru	4.61 36	eSn	Pn	10 07 40.7 -1.9
PCP		AML	AML		DAVOX	comp=N,7.8nm,0.3s,baz=292,slow=16,SNR=5.9	LR	LR	10 07 43.9	LFF La Frestale	4.63 278	eP	Pn	10 06 49.8 +0.4
PCP		AML	AML		DAVOX	comp=N,42nm,18.1s,baz=266,slow=44	LR	LR	10 07 43.9	LFF	comp=N,32nm,0.7s	eSn	Sn	10 06 52.8 +2.4
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		LFF	comp=N,58nm,0.7s	eSg	Sg	10 08 05.9 -2.6
PCP		AML	AML		DAVOX	comp=N,110µm,0.4s	AML	AML		MLS Moulis	4.70 253	Pn	Pn	10 07 52.8 +2.4
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		NORI Noerdlinger Ri	4.82 28	eSn	Sn	10 07 44.9 -2.8
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		MYKA Terra Mystica	4.99 63	i Pn	Pn	10 06 55.0 +0.6
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		MYKA	comp=N,2nm,0.2s	ePn	Pn	10 06 55.0 +0.6
PCP		AML	AML		DAVOX	comp=N,100µm,0.9s	AML	AML		KBA Koelnbreinsper	5.00 57	ePn	Pn	10 06 56.1 +1.5
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		KBA	comp=N,5.2nm,0.7s,SNR=8.8	ePn	Pn	10 06 55.9 +1.3
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB Jochberg	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,109µm,0.9s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,120µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,162µm,1.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,81µm,0.6s	AML	AML		RJOB	5.04 84	ePn	Pn	10 06 55.8 +0.7
PCP		AML	AML		DAVOX	comp=N,103µm,0.9s	AML	AML		RJOB	5.04 84			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJ01 Bjornoya, HSPB Hornsund, BRBA Barentsburg, SPA0 Spitsbergen, etc.

NEIC 13 10:59:51.7, 1.6, 6.59S:0.07:129.77E:0.09, h210km, 11km, mb4.1/4, Error ellipse: s-maj=13.7km s-min=10.2km

IDC 13 10:59:52.3, 1.8, 6.50S:129.68E, h211km, 26km, mb2.9/1, mb1 3.4/6, mb1mx3.0/42, mbtmp4.0/6, Error ellipse: s-maj=33.1km s-min=18.2km az=91.0

ISC 13 10:59:52.0, 7.6, 6.66S:10.06:129.70E:0.08, h200km, n18, e283/23, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, SJIJ Sorong, SOEI Soe, MTN Manton Dam, BATI Baunata, etc.

NEIC 13 11:16:59.9, 1.9, 28.65S:0.1:179.2W:0.2, h419km, 13km, mb4.1/18, Error ellipse: s-maj=27.6km s-min=6.4km

IDC 13 11:17:00.3, 1.4, 28.46S:179.21W, h426km, 18km, mb3.4/4, mb1 3.6/5, mb1mx3.1/35, mbtmp4.3/5, Error ellipse: s-maj=55.5km s-min=21.8km az=159.0

ISC 13 11:16:58.5, 0.8, 28.66S:0.07:178.6W:0.1, h450km, n104, e196/116, mb4.0/14, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RIZ Rizo, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUWZ Tukino, FWVZ Far West T-bar, WHVZ Whangape Hut, etc.

CTAO Charters Tower 33.02 277 P P 11 22 55.9 -0.6

STKA Stephens Creek 34.38 255 P P 11 23 06.5 0.0

BBOO Buckleboe 38.96 252 P P 11 23 44.1 -0.3

ASAR Alice Springs 42.69 265 P P 11 24 14.4 -0.1

WR0 Warramunga Arr 43.51 271 P P 11 24 19.9 -1.1

WRA Warramunga Arr 43.52 271 P P 11 24 19.7 -1.4

FOR Forest 46.00 254 P P 11 24 39.8 -0.3

KNRA Kununurra 50.06 273 P P 11 25 11.9 +1.1

MOR Morawa 56.53 253 P P 11 25 58.1 +1.2

MJAR Matsushiro Arr 76.51 325 P P 11 28 02.3 +1.2

FINES FINESS Array B 143.30 340 PKP PKPdf 11 35 40.8 +0.9

NB303 NORRAR Array S 146.75 351 PKP Pcb PKPab 11 35 52.4 +1.5

NB2 NORRAR Subarray 146.96 351 PKP PKPab 11 35 52.8 +1.0

NOA NORRAR Array B 146.96 351 PKP Pcb PKPab 11 35 52.5 +0.7

NK602 NORRAR Array S 147.20 351 PKP Pcb PKPab 11 35 53.8 +1.1

AKASG Malin Array B 149.59 324 PKP Pcb PKPKP 11 35 59.0 +2.4

AKKB Malin Array S 149.59 324 PKP Pcb PKPKP 11 35 59.7 +3.1

IDC 13 11:18:06.0, 0.8, 40.70N:21.01E, h0km, mb3.9/14, mb1 4.0/22, mb1mx3.8/62, mbtmp3.8/22, ML3.3/7, MS3.1/20, MS1 3.1/20, ms1mx2.9/60, Error ellipse: s-maj=13.1km s-min=11.1km az=137.0

SKO 13 11:18:06.5, 40.83N:21.16E, h15km, LDG 13 11:18:07.4, 0.2, 40.86N:21.17E, h7km, ML4.3/10, Error ellipse: s-maj=6.5km s-min=4.2km az=3.0

ATH 13 11:18:07.8, 40.88N:21.24E, h20km, ML3.8/14, Error ellipse: s-maj=1.7km s-min=0.7km az=141.0

TIR 13 11:18:08.2, 40.92N:21.21E, h6km, Md4.4/8, NEIC 13 11:18:08.7, 3.0, 40.81N:0.05:21.12E:0.04, h10km, 11km, Error ellipse: s-maj=8.0km s-min=4.9km az=20.0

PDG 13 11:18:08.6, 0.6, 40.85N:21.22E, h17km, MD4.1/6, MD4.1/14, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

THE 13 11:18:08.5, 40.90N:21.23E, h7km, ML3.8/13, Error ellipse: s-maj=0.7km s-min=0.5km az=299.0

PRU 13 11:18:09.0, 0.2, 40.83N:21.14E, h0km, M4.4, BEO 13 11:18:09.2, 0.2, 40.87N:21.22E, h8km, 2km, ML3.8/11

NEIC 13 11:18:09.3, 40.82N:21.15E, h17km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=1.39; Mno=0.05; Mno1.44; Mno0.33; Mno0.89; Mno0.26; Fault plane solution: Ms1.72000x10^15 NP1.9s224.49000, 0.46, 94000, A=61.31000, NP2.0s78000, 0.50, 14000, A=11.719000, Principal axes: T 1.85396, Plg2.00000, Azm1.15, 0.00000; N -1.5397, Plg69.0000; Azm209.0000; P -1.5397, Plg69.0000; Azm209.0000;

ISC 13 11:18:09.0, 0.7, 40.86N:0.01:21.19E:0.01, h14km, 4km, n411, e146/487, mb4.1/16, MS3.2/12, 3IC-10D, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZN comp=N,26906um,0.3s, KTI Kastanea, KPRO Kipourio, etc.

AGG Agios Georgios	2.04 154	Pn	Pn	11 18 43.1 +0.2	SRE Strehaia	4.08 21	↑P	Pn	11 19 10.6 -0.3	DAVOX	comp=E,0.3nm,0.3s,baz=265,slow=23,SNR=3.8	LR	LR	11 24 55.9	
TSLK Tsoukalades, L	2.08 192	P	Pn	11 18 44.6 +1.2	SRE Strehaia	4.08 21	Pn	Pn	11 19 10.6 -0.3	DAVOX	comp=E,4.3nm,20.7s,baz=90,slow=41	LR	LR	11 20 33.8 +0.4	
TSLK Tsoukalades, L	2.08 192	P	Pn	11 18 44.7 +1.2	HERR Herculanu	4.12 12	↑P	Pn	11 19 11.6 +0.2	DAVOX	Davos/Dischmat	10.08 310	Pn	Pn	11 22 51.7 -4.7
NVR Nevrokopi	2.08 76	P	Pn	11 18 43.4 +0.1	HERR Herculanu	4.12 12	Pn	Pn	11 19 11.6 +0.2	DAVOX	Stuetta	10.24 307	Pn	Pn	11 20 37.6 +2.0
NVR Nevrokopi	2.08 76	P	Pn	11 18 43.6 +0.1	SGRT San Giovanni R	4.02 284	Pn	Pn	11 19 11.5 -1.1	DAVA	Damuels	10.36 312	ePn	Pn	11 20 38.4 +1.2
LKLD Lefkada island	2.11 191	P	Pn	11 18 45.2 +1.3	DKK Paraskievi	4.22 111	↑P	Pn	11 19 13.6 +0.5	DAVA	comp=E,3.1nm,0.5s	eS	Sn	11 22 30.3 -2.8	
LKLD Lefkada island	2.11 191	P	Pn	11 18 45.3 +1.4	VLI Veliai	4.36 161	P	Pn	11 19 15.1 +0.3	MBDF	Montbardon	11.27 295	eS	Sn	11 20 52.5 +2.8
PAIG Paliouri	2.12 115	P	Pn	11 18 43.2 -0.8	VLI Veliai	4.36 161	P	Pn	11 19 15.1 +0.3	MBDF	comp=E,12nm,0.9s	eS	Sn	11 22 45.1 -1.0	
PAIG Paliouri	2.12 115	P	Pn	11 18 43.7 -0.3	FRGS Fruska Gora	4.41 347	ePn	Pn	11 19 15.7 +0.2	MBDF	Montbardon	11.27 295	eS	Sn	11 20 52.5 +2.8
PDG Podgorica	2.13 318	ePn	Pn	11 18 46.1 -1.3	FRGS Fruska Gora	4.41 347	ePn	Pn	11 19 15.2 -0.3	MBDF	comp=E,12nm,0.9s	eS	Sn	11 20 52.5 +2.8	
PDG Podgorica	2.13 318	ePn	Pn	11 18 46.7 -0.6	CHOS Chios Island	4.50 122	P	Pn	11 19 17.4 +0.6	MBDF	Montbardon	11.27 295	eS	Sn	11 20 52.5 +2.8
TTG Trogir	2.13 318	↑Pn	Sb	11 18 47.0 +1.3	DEV Deva	4.50 122	P	Pn	11 19 17.3 +0.5	MBDF	comp=E,12nm,0.9s	eS	Sn	11 20 52.5 +2.8	
TTG Trogir	2.13 318	↑Pn	Sb	11 19 13.0 -0.7	SERI Serifos	4.50 144	P	Pn	11 19 20.9 +1.9	MBDF	Montbardon	11.27 295	eS	Sn	11 20 52.5 +2.8
XOR Xorichti	2.15 134	P	Pn	11 18 43.8 -0.6	MGRS Mrkonjic Grad	4.67 321	ePn	Pn	11 19 21.3 +1.5	MBDF	comp=E,0.3nm,0.3s,baz=208,slow=12,SNR=2.0	eS	Sn	11 20 53.7 +3.5	
XOR Xorichti	2.15 134	P	Pn	11 18 43.9 -0.4	KJUV Kijevo	4.73 313	↑Pn	Pn	11 19 20.7 +1.2	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 54.7 +1.6
OUR Ouranopolis	2.19 103	P	Pn	11 18 44.8 -0.2	KJUV Kijevo	4.73 313	↑Pn	Pn	11 19 20.7 +1.2	MBDF	comp=E,3.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
OUR Ouranopolis	2.19 103	P	Pn	11 18 45.0 -0.3	Buzias	4.76 4	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 54.7 +1.6
NEO Neokhori	2.21 134	P	Pn	11 18 43.9 -0.3	BZS Buzias	4.76 4	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
NEO Neokhori	2.21 134	P	Pn	11 18 44.9 -0.3	CEL Celeste	4.85 239	Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
SCTE Santa Cesarea	2.22 250	Pn	Pn	11 18 45.4 +0.1	BLY Banja Luka	4.87 324	ePn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
IVA Berane	2.23 335	↑Pn	Pn	11 18 46.7 +1.1	BLY Banja Luka	4.87 324	ePn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
IVA Berane	2.23 335	↑Pn	Pn	11 19 15.2 +2.3	LOT Lotru	4.96 22	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
BUM Brajici-Budva	2.24 311	↑Pn	Sn	11 18 47.0 +1.3	LOT Lotru	4.96 22	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
BUM Brajici-Budva	2.24 311	↑Pn	Sn	11 19 15.6 +2.4	ZIRJ Zirje	4.97 306	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
PVO Paravola	2.26 173	P	Pn	11 18 47.4 +1.5	ZIRJ Zirje	4.97 306	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
PVO Paravola	2.26 173	P	Pn	11 18 47.2 +1.1	PAOL Paolisi	5.01 274	Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
EVGI Lefkada island	2.28 191	P	Pn	11 18 47.2 +1.1	MORI Morici	5.05 308	ePn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
EVGI Lefkada island	2.28 191	P	Pn	11 18 47.6 -1.2	MORI Morici	5.05 308	ePn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
VTS Vitosh	2.33 41	eSg	Sg	11 18 49.6 -1.2	MORI Morici	5.05 308	ePn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
VTS Vitosh	2.33 41	eSg	Sg	11 18 49.6 -1.2	MORI Morici	5.05 308	ePn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
VTS Vitosh	2.33 41	eSg	Sg	11 18 49.6 -1.2	MORI Morici	5.05 308	ePn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
ANX Ano Chora	2.34 166	P	Pn	11 18 47.9 +0.9	APF Apeiranthos	5.08 137	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
ANX Ano Chora	2.34 166	P	Pn	11 18 48.0 +0.9	APF Apeiranthos	5.08 137	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
KOME Kolasin	2.34 328	↑Pn	Pn	11 18 48.3 +1.1	ARR Arges	5.16 28	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
KOME Kolasin	2.34 328	↑Pn	Pn	11 18 47.7 +0.4	ARR Arges	5.16 28	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
ZAPS Zavojski	2.35 359	ePn	Pn	11 18 52.9 +1.1	DEV Deva	5.17 13	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
ZAPS Zavojski	2.35 359	ePn	Pn	11 18 52.9 +1.1	DEV Deva	5.17 13	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
SELS Selova	2.35 359	eSg	Sg	11 19 24.0 -0.7	VOIR Voiv	5.37 30	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,2.2nm,0.9s	eS	Sn	11 22 50.4 -1.1	
SELS Selova	2.35 359	eSg	Sg	11 19 24.0 -0.7	VOIR Voiv	5.37 30	↑Pn	Pn	11 19 23.4 +1.5	MBDF	La Plagne	11.51 299	ePn	Sn	11 20 55.2 +2.2
CEME Cevo	2.39 315	↑Pn	Sn	11 18 49.1 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,100nm,18.1s	LmH	LmH	11 24 00.0	
CEME Cevo	2.39 315	↑Pn	Sn	11 19 19.1 +2.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.5 +1.0	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
NKME Niksic	2.53 319	↑Pn	Sn	11 18 51.0 +1.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
SKIA Skiathos	2.44 133	P	Pn	11 18 48.1 -0.3	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s	LmH	LmH	11 24 00.0	
THAS Thassos island	2.45 192	P	Pn	11 18 49.7 +1.2	SIRR Siria	5.41 3	↑Pn	Pn	11 19 23.4 +1.5	MBDF	comp=E,300nm,18.6s				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JANG Nango, JRG Rokugo, JAH Hinai, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DLBC comp=Z,1.4nm,0.8s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSRS Korea Array, TORD Torodi Ar. Bea, etc.

IDC 13 12:06:57.0-7.4, 49.87N-178.56E, h0km, mb3.9/16, mb1.4/17, mb1mx3.9/64, mbtmp3.9/17, ML3.2/1, MS2.8/5, Ms=12.8/5, ms1mx2.4/43, Error ellipse: s-maj=26.4km

TEH 13 12:51:13.5, 34.54N-46.29E, h4km, ML2.5, ISN 13 12:51:13.0, 1.4, 34.35N-46.36E, h0km, PKM3, ML2.5, ISM 13 12:51:14.3, 3.2, 34.55N-46.29E, h0km, n10, 0.062/12, Western Iran

IDC 13 12:52:17.9-3.3, 25.69N-143.37E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.2/39, mbtmp3.3/39, Error ellipse: s-maj=393.0km s-min=31.0km az=109.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AMKA Amchitka, LSSA Little Sitkin, LSPA Little Sitkin, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like R11A Troy Canyon, TPNV Topopah Spring, PD31 Pinedale Array, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OHAK Old Harbor, SVW2 Sparrevohn, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E43A Lone Tule Farm, MX31 Makanchi Array, TX32 Lajitas Array, etc.

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

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MDM Murphy Dome, WRH Wood River Hill, COLA College, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FFC Flin Flon, WAKR Walker, LRM Halley, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PV05 Paradox Valley, PV18 Skein Mesa, PV12 Sauer Basin, etc.

SOME 13 13:32:39.2, 40.87N-76.60E, h15km
N13C 13:32:40.8, 40.97N-76.67E, h0Kkm, mb4.0, mpv3.6,
Error ellipse: s-maj=6.0km s-min=3.9km az=170.0
KRNET 13:32:42.1, 41.15N-76.71E, h19km, mb3.5
ISC 13:32:38.9, 5.4037N-10.0576E, 0.03, h18km, g6km,
n70, e1959/110, 29C-13D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KDJ Kajiasy, KDJ baz=20, ULHL Ulahol, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EGMT Eagleton, BOZ Bozeman (W), NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), SIJI Sorong, H1153 WAKE ISLAND Hy 21.50, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LZH comp=Z,21nm,1.3s, LZH comp=Z,78nm,7.6s, etc.

IDC 13 15:15:56.9z.2.5, 12.63N:145.02E, h0km, mb3.6/1, mb1 3.7/m, mb1mx3.4/57, mbmtpp3.6/6, MS3.2/3, Ms1 3.2/3, ms1mx2.7/26, Error ellipse: s-maj=118.1km s-min=15.0km az=87.0

IDC 13 15:16:02.0z.3.5, 12.71N:02x14.5Ez, h38km, n18, r150/8, mb3.6/6, South of Mariana Islands

IDC 13 15:24:04.2z.6.7, 44.132N:148.97E, h54kmz=56km, mb3.2/2, mb1 3.6/m, mb1mx3.1/54, mbmtpp3.6/5, ML3.1/3, Error ellipse: s-maj=101.2km s-min=21.6km az=155.0

MOS 13 15:24:05.9z.0.5, 44.80N:148.53E, h76km, mb4.2/2, Error ellipse: s-maj=18.9km s-min=11.5km az=148.9

JMA 13 15:24:06.1z.0.5, 45.04N:148.42E, h30km, M4.1 SKHL 13 15:24:07.0z.0.4, 44.70N:148.60E, h75kmz=56km, mb4.2/4

ISC 13 15:24:04.6z.1.2, 44.59N:006.148, 75E, h07km, 12km, n59, r232/9, mb3.5/3, 3C-2D, Kuril Islands

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

BVAR	comp=N,5.7nm,0.3s,baz=188,slow=17,SNR=4.7	Sn	Sn	16 30 29.5	-9.5
BVAR	baz=190,slow=24,SNR=0.8	Lg	Lg	16 32 34.0	
BVAR	comp=N,830nm,20.0s,baz=168,slow=41	LR	LR	16 35 12.4	
ZSN	Zaisan 16.77 44 i/P	P	P	16 27 39.4	+0.8
ZSN	comp=N,138nm,6.6s,baz=43	LR	LR	16 32 18.6	
ZSN	Zaisan 16.77 44 i/P	i/P	i/P	16 27 39.3	+0.8
ZSN	comp=Z,20nm,1.1s	Pmax	Pmax		
ZSN	comp=Z,138nm,7.0s	MLR	MLR		
MAK	Makhachkala 16.85 299 i/P	Pn	Pn	16 27 36.6	-1.0
MAK		eS	Sn	16 30 42.5	-1.2
MAK	comp=Z,635nm,1.6s	Pmax	Pmax		
MAK	comp=Z,515nm,10.0s	MLR	MLR		
WMQ	Urumqi 16.91 58 e/P	Pn	Pn	16 27 37.1	-1.4
WMQ		pP	pP	16 27 45.0	-3.8
WMQ		sP	sP	16 27 54.5	+1.2
WMQ		S	Sn	16 30 48.3	+3.0
WMQ		PcP	PcP	16 32 27.4	+3.3
WMQ	comp=Z,69nm,0.9s	Pmax	Pmax		
WMQ	comp=Z,250nm,4.1s	LR	LR		
WMQ	comp=Z,1µm,21.1s	LR	LR		
WMQ	comp=Z,600nm,15.9s	P	Pn	16 27 37.0	-1.4
WMQ	comp=Z,187nm,0.9s	Pn	Pn	16 27 37.0	-1.4
WJB	Urumqi 16.91 58 e/P	Pn	Pn	16 27 35.4	-3.8
WJB	Jabalpur 16.96 138 e/P	Pn	Pn	16 27 49.2	
JBP	comp=Z,32nm,0.5s	AMB	AMB		
JBP	Daman 17.15 116 e/S	Sn	Sn	16 30 49.1	+2.4
DMN	comp=Z,141nm,0.6s	eP	eP	16 27 37.6	-4.1
KKN	Kakani 17.17 115 e/P	Pn	Pn	16 27 37.7	-4.2
PKI	Phulchoki 17.38 116 e/P	Pn	Pn	16 27 41.1	-3.5
PKI	Phulchoki 17.39 116 e/P	Pn	Pn	16 27 41.3	-3.5
GUN	Gumba 17.54 114 e/P	Pn	Pn	16 27 43.1	-3.6
JIRN	Jiri 17.91 114 e/P	Pn	Pn	16 27 43.3	-4.0
GROG	Groznyy 18.12 299 e/P	P	P	16 27 53.0	0.0
GROG		eS	S	16 31 18.1	-1.2
GROG	comp=Z,44nm,0.6s	Pmax	Pmax		
NGP	Nagpur 18.17 144 e/P	Pn	Pn	16 27 53.0	-1.1
NGP	comp=Z,36nm,0.3s	IAMB	IAMB	16 28 00.8	
TBLG	Delisi 18.59 293 P	P	P	16 27 58.0	-0.7
TBLG	comp=Z,129nm,1.2s	Pmax	Pmax		
TBLG	Delisi 18.59 293 P	IAMB	IAMB	16 27 58.0	-0.7
TBLG	comp=Z,129nm,1.2s	Pmax	Pmax		
RAMN	Ramite 18.61 115 e/P	P	P	16 27 56.1	-3.2
TAPN	Taplejung 19.21 113 e/P	P	P	16 28 04.4	-1.4
ODAN	Odare 19.24 114 e/P	P	P	16 28 04.7	-1.5
ZEI	Tsey 19.39 296 e/P	P	P	16 28 07.0	-0.6
ZEI	comp=Z,16nm,0.5s	Pmax	Pmax		
DGZ	Jazzator, Alta 19.46 41c/P	P	P	16 28 07.7	-0.6
DGZ	comp=Z,29nm,0.9s	Pmax	Pmax		
GTK	Tadong 19.89 111 e/P	P	P	16 28 13.4	+0.3
BOK	Bokar 20.10 124 e/P	P	P	16 28 15.4	+0.2
BOK	comp=Z,103nm,0.5s	ex	ex	16 31 50.3	
KBZ	Khabaz 20.30 299 P	P	P	16 28 18.0	+0.8
KBZ	comp=Z,8.1nm,0.8s,baz=110,slow=8.2,SNR=5.5	LR	LR	16 38 28.8	
KBZ	comp=Z,478nm,19.3s,baz=107,slow=44	P	P	16 28 17.2	0.0
KBZ	Khabaz 20.30 299 i/P	Pmax	Pmax		
KVAR	comp=Z,18nm,0.8s	LR	LR		
KVAR	Kislovodsk Arr 20.49 299 P	P	P	16 28 19.3	-0.2
KVAR	comp=Z,4.7nm,0.6s,baz=79,slow=23,SNR=2.3	P	P	16 32 13.2	+1.4
KVAR	comp=Z,87nm,1.2s,baz=296,slow=4.7,SNR=3.3	LR	LR	16 38 08.1	
KIV	Kislovodsk 20.50 299 e/P	P	P	16 28 17.8	-1.7
KIV	comp=Z,52nm,1.0s	Pmax	Pmax	16 32 06.2	-1.0
KIV	comp=Z,973nm,14.0s	MLR	MLR		
KIV	Kislovodsk 20.50 299 P	IAMB	IAMB	16 28 18.9	-0.6
KIV	comp=Z,46nm,0.8s	P	P	16 29 02.2	
GOF	Gofitskoye 20.52 302 i/P	Pn	Pn	16 28 22.1	+0.1
GOF	comp=Z,104nm,0.9s	Pmax	Pmax		
LSA	Lhasa 20.71 102 P	P	P	16 28 23.6	+1.2
LSA	comp=Z,400nm,1.0s	S	S	16 32 10.3	-2.1
LSA	comp=Z,3µm,12.5s	Pmax	Pmax		
LSA	comp=Z,2µm,10.7s	LR	LR		
LSA	comp=Z,3µm,13.2s	LR	LR		
LSA	Lhasa 20.71 102 P	P	P	16 28 22.3	-0.1
LSA	comp=Z,91nm,0.7s	Pmax	Pmax		
LSA	Lhasa 20.71 102 P	P	P	16 28 22.2	-0.1
ARU	Arti 20.91 346 P	P	P	16 28 24.7	+0.9
ARU	comp=Z,12nm,0.6s,baz=168,slow=5.7,SNR=6.2	P	P	16 32 11.5	-3.4
ARU	comp=Z,2.9nm,0.4s,baz=353,slow=22,SNR=1.6	Lg	Lg	16 34 50.6	
ARU	comp=Z,7.2nm,0.9s,baz=175,slow=21,SNR=1.1	Lg	Lg	16 37 35.4	
ARU	Arti 20.91 346 d/P	P	P	16 28 25.0	+1.2
ARU	comp=Z,1µm,18.0s,baz=158,slow=40	LR	LR	16 28 40.0	
ARU	comp=Z,1µm,17.4s	LR	LR	16 32 20.6	-0.9
ARU	comp=Z,41nm,0.7s	S	Sn	16 32 44.2	+7.7
ARU	Arti 20.91 346 P	P	P	16 28 23.8	0.0
ARU	Sverdlovsk 20.92 349 e/P	P	P	16 28 24.7	+0.8
SVE	comp=Z,75nm,0.8s	eS	S	16 32 11.4	-3.7
SVE	comp=Z,2µm,15.0s	Pmax	Pmax		
ZAAO	Zalesovo Array 21.12 29 i/P	P	P	16 28 26.1	0.0
ZAAO	comp=Z,31nm,0.6s,baz=227,slow=10,SNR=131	IAMB	IAMB	16 28 25.8	-0.3
ZAAO	Zalesovo Array 21.12 29 P	P	P	16 28 51.0	
ZALV	Zalesovo Beam 21.12 29 P	P	P	16 28 26.3	+0.3
ZALV	comp=Z,2.5nm,0.7s,baz=217,slow=19,SNR=0.5	S	S	16 32 13.2	-6.0
ZALV	comp=Z,6.6nm,0.9s,baz=229,slow=24,SNR=1.3	Lg	Lg	16 34 55.9	
ZALV	comp=Z,140nm,21.8s,baz=222,slow=38	LR	LR	16 37 02.7	
ZALV	Zalesovo Beam 21.12 29 i/P	P	P	16 28 26.2	+0.1
ZALV	comp=Z,31nm,0.6s	Pmax	Pmax		
HYB	Hyderabad 21.25 150 i/P	P	P	16 28 29.0	+1.2
HYB	Hyderabad 21.25 150 e/S	S	S	16 32 24.0	+1.7
HYB	Hyderabad 21.25 150 ex	IAMB	IAMB	16 28 41.2	
SOC	Sochi 22.54 297 e/P	P	P	16 28 38.8	-2.6
SOC		e	e	16 29 04.0	

SOC	comp=Z,326nm,14.0s	eS	S	16 32 43.7	-2.7
SOC	BWNR Bhubaneswar 22.57 131 e/P	MLR	MLR		
SOC	BWNR	IAMB	IAMB	16 28 39.5	-2.4
SHL	Shillong 23.31 111 e/P	P	P	16 28 49.0	-0.5
SHL	Shillong 23.31 111 e/P	IAMB	IAMB	16 28 51.3	
SHL	Shillong 23.31 111 P	P	P	16 28 48.3	-1.4
SHL	Shillong 23.31 111 P	Pmax	Pmax		
SHL	Shillong 23.31 111 P	P	P	16 28 48.3	-1.4
VRH	Novokhopynsk 23.69 317 e/P	P	P	16 28 53.5	+0.6
VRH	comp=Z,40nm,0.7s	Pmax	Pmax		
VRH	comp=Z,600nm,18.0s	MLR	MLR		
ANN	Anapa 24.35 299 e/P	P	P	16 29 01.2	+2.1
ANN		eS	S	16 33 22.2	+5.9
ANN		eSS	SnSn	16 34 11.0	+1.0
ANN		Pmax	Pmax		
VORD	Divnogorie 24.96 314 e/P	P	P	16 29 05.4	+0.9
VORD	comp=Z,29nm,0.6s	Pmax	Pmax		
VSR	Storzhevoye 25.14 315 e/P	P	P	16 29 07.3	+1.2
VSR	comp=Z,7.0nm,0.4s	Pmax	Pmax		
KIRV	Kirov 25.19 337 P	P	P	16 29 07.8	+1.3
KIRV	comp=Z,50nm,0.9s	P	P	16 33 42.8	+1.3
KIRV	comp=Z,27nm,0.7s,baz=317,slow=0.7,SNR=10	Lg	Lg	16 36 59.5	
KIRV	comp=Z,10nm,0.7s,baz=225,slow=20,SNR=2.1	S	S	16 39 52.6	
KIRV	comp=Z,6.1nm,0.6s,baz=73,slow=20,SNR=1.2	LR	LR	16 36 59.5	
VORR	Voronozh 25.31 316 e/P	P	P	16 29 08.0	+0.3
VORR	comp=Z,404nm,18.9s,baz=140,slow=38	Pmax	Pmax		
VORR	comp=Z,250nm,0.8s	Pmax	Pmax		
GTA	Gaotai 25.39 74 e/P	P	P	16 29 09.8	+1.0
GTA		pP	pP	16 29 16.9	-1.5
GTA		sP	sP	16 29 20.4	-2.0
GTA		Pmax	Pmax		
GTA	comp=Z,22nm,1.0s	Pmax	Pmax		
GTA	comp=Z,180nm,9.6s	LR	LR		
GTA	comp=Z,1µm,13.4s	LR	LR		
GTA	comp=Z,820nm,13.4s	LR	LR		
GTA	comp=Z,820nm,15.5s	LR	LR		
ASF	Jabal al Asfar 25.77 270 P	P	P	16 29 14.7	+2.4
ASF	comp=Z,8.9nm,1.0s,baz=37,slow=6.8,SNR=8.7	P	P	16 29 14.9	+2.1
LPSR	Galich'ya Gora 25.87 318 e/P	Pmax	Pmax		
LPSR	comp=Z,50nm,1.0s	Pmax	Pmax		
LPSR	comp=Z,730nm,23.0s	MLR	MLR	16 29 29.2	+8.7
SIM	Simferopol' 26.71 299 e/P	P	P	16 29 21.1	+0.2
SIM	comp=Z,66nm,0.8s	Pmax	Pmax		
MMAI	Mount Meron Arr 26.73 272 P	P	P	16 29 21.1	+0.2
MMAI	comp=Z,0.9nm,0.5s,baz=72,slow=11,SNR=1.7	LR	LR	16 41 49.3	
MMAI	comp=Z,180nm,21.0s,baz=100,slow=41	LR	LR	16 41 49.3	
BR131	Reskin Array S 26.94 287 P	P	P	16 29 22.2	-0.6
BR131	Reskin Array B 26.94 287 P	P	P	16 29 22.2	-0.6
BR131	comp=Z,13nm,0.9s	Pmax	Pmax	16 29 22.2	-0.6
BR131	comp=Z,4.4nm,0.8s,baz=99,slow=8.8,SNR=6.9	LR	LR	16 42 24.9	
BRTR	Moscow 26.97 323 e/P	LR	LR	16 29 28.9	-3.6
BRTR	comp=Z,134nm,20.9s,baz=72,slow=42	P	P	16 30 17.5	
MOS	Moscow 26.97 323 e/P	eS	S	16 34 12.6	-2.3
MOS	comp=Z,42nm,0.6s	Pmax	Pmax		
MOS	comp=Z,900nm,19.0s	MLR	MLR		
MOS	comp=Z,2.4nm,0.8s,baz=0.9,slow=1.7,SNR=2.6	MLR	MLR	16 29 35.7	+1.6
EIL	Eilat 28.21 266 P	P	P	16 43 54.3	
EIL	comp=Z,3.4nm,0.8s,baz=190,slow=43	LR	LR	16 43 54.3	
OBN	Obninsk 28.28 321 LR	P	P	16 29 35.5	+1.1
OBN	comp=Z,155nm,18.7s,baz=190,slow=43	P	P	16 30 24.4	
OBN	Obninsk 28.28 321 e/P	Pmax	Pmax	16 30 33.4	
OBN	comp=Z,15nm,0.9s	ePPP	PPP	16 29 42.3	+1.0
LZH	Lanzhou 29.00 80 P	P	P	16 29 49.8	-1.2
LZH	Lanzhou 29.00 80 pP	pP	pP	16 29 53.5	-1.5
LZH	Lanzhou 29.00 80 sP	sP	sP	16 30 31.1	-2.6
LZH	Lanzhou 29.00 80 PP	Pn	Pn	16 35 57.3	-3.6
LZH	Lanzhou 29.00 80 SS	SS	SS		
LZH	Lanzhou 29.00 80 Pmax	Pmax	Pmax		
LZH	comp=Z,25nm,1.1s	Pmax	Pmax		
LZH	comp=Z,89nm,5.2s	LR	LR		
LZH	comp=Z,1µm,14.1s	LR	LR		
LZH	comp=Z,1µm,15.2s	LR	LR		
LZH	comp=Z,1µm,17.9s	LR	LR		
ZAK	Zakamensk 29.01 50 e/P	P	P	16 29 42.5	+1.4
ZAK	comp=Z,14nm,1.2s	Pmax	Pmax		
IRK	Irkutsk 30.12 47 e/P	P	P	16 29 52.6	+1.8
IRK	comp=Z,53nm,1.3s	Pmax	Pmax		
KLMR	Klimovskoe 30.26 333 e/P	P	P	16 29 51.7	-0.2
KLMR	comp=Z,12nm,1.0s	Pmax	Pmax		
KLMR	comp=Z,12nm,1.0s	MLR	MLR	16 29 51.7	-0.2
KLMR	comp=Z,404nm,15.0s	P	P	16 30 08.2	
KLMR	Klimovskoe 30.26 333 e/P	AMP	AMP	16 39 41.1	
KLMR	comp=Z,12nm,1.0s	LQ	LQ	16 39 41.1	
KLMR	comp=Z,12nm,1.0s	LQ	LQ	16 40 43.7	
KLMR	comp=Z,404nm,14.8s	AMP	AMP	16 42 58.4	
CD2	Chengdu 30.36 90 P	P	P	16 29 53.5	+0.3
CD2	comp=Z,640nm,19.2s	pP	pP	16 30 00.6	-2.3
CD2	comp=Z,11nm,1.0s,baz=260,slow=9.2,SNR=7.1	S	S	16 34 54.0	+2.5
CD2	comp=Z,1µm,18.7s,baz=268,slow=40	sS	sS	16 35 06.9	-0.6
CD2	comp=Z,1µm,18.7s,baz=268,slow=40	ScS	ScS	16 40 28.3	-0.4
CD2	comp=Z,60nm,0.9s	Pmax	Pmax		
CD2	comp=Z,90nm,5.3s	Pmax	Pmax		
CD2	comp=Z,2µm,17.4s	LR	LR		
CD2	comp=Z,680nm,18.3s	LR	LR		
CD2	comp=Z,640nm,19.2s	LR	LR		
SONM	Songino Array 30.52 56 P	P	P	16 29 55.2	+0.6
SONM	comp=Z,11nm,1.0s,baz=260,slow=9.2,SNR=7.1	LR	LR	16 43 54.7	
TOPG	Topogol 30.77 298 i/P	P	P	16 29 58.5	+1.9
AKASG	Malin Array Be 30.93 310 P	P	P	16 29 58.8	+0.9
AKASG	comp=Z,2.1nm,0.5s,baz=92,slow=7.2,SNR=11	LR	LR	16 44 58.1	
AKASG	comp				

BOD	Bodaibo	37.04	40	eP	P	16 30 51.9 +1.0
BOD	comp=Z,45nm,1.3s				pmax	
VYHS	Vyhne	37.41	304	eP	P	16 30 56.3 +2.2
VYHS	Vyhne	37.41	304	eP	P	16 30 56.3 +2.2
BJI	Beijing	37.83	69	S	S	16 30 58.6 +0.9
BJI	comp=Z,6.0nm,1.3s				pmax	
BJI	comp=Z,230nm,15.1s				LR	
BJI	comp=Z,500nm,15.1s				LR	
OKC	Ostrava-Krasne	37.88	307	AMS	AMS	16 46 40.0
OKC	comp=Z,420nm,17.6s				LR	
JAVC	Velka Javorina	38.18	305	eP	P	16 31 03.7 +3.0
MORC	Moravsky Berou	38.27	306	eP	P	16 31 02.9 +1.4
MORC	Moravsky Berou	38.27	306	eP	P	16 31 02.7 +1.3
MORC	Moravsky Berou	38.27	306	eP	P	16 31 00.6 -0.8
MORC	comp=Z,7.0nm,0.9s				pmax	
MORC	Moravsky Berou	38.27	306	eP	P	16 31 00.6 -0.8
MORC	Santa Cesarea	38.46	321	eP	P	16 31 01.7 +1.3
KRLC	Kraliky	38.77	307	eP	P	16 31 20.7 +1.2
KRLC	comp=Z,300nm,13.1s				AMS	
KRLC	Kraliky	38.77	307	eP	P	16 31 06.0 +0.4
KRLC	comp=Z,300nm,13.1s				MLR	
VRAC	Vranov	38.89	306	eP	P	16 31 08.6 +2.0
VRAC	comp=Z,440nm,18.5s				MLR	
KRUC	Moravsky	39.02	305	eP	P	16 31 10.0 +2.3
DPC	Dobruska-Polom	39.06	307	eP	P	16 31 10.0 +2.8
DPC	comp=Z,300nm,16.3s				sP	
DPC	Dobruska-Polom	39.06	307	eP	P	16 31 10.1 +4.9
DPC	comp=Z,300nm,16.3s				AMS	
DPC	Dobruska-Polom	39.06	307	eP	P	16 31 10.9 +2.8
DPC	comp=Z,300nm,16.3s				eS	
DPC	Dobruska-Polom	39.06	307	eP	P	16 31 23.7
DPC	comp=Z,300nm,16.3s				MLR	
OSTC	Ostas	39.13	308	AMS	AMS	16 49 30.0
OSTC	comp=Z,400nm,18.5s				AMS	
CHVC	Chvalec	39.24	308	AMS	AMS	16 49 40.0
CHVC	comp=Z,400nm,12.5s				AMS	
UPC	Upice	39.27	308	eS	S	16 37 12.9 +4.8
UPC	comp=Z,400nm,11.7s				AMS	
CONA	Conrad Observa	39.41	304	eP	P	16 31 12.6 +1.6
TIA	Tai'an	39.42	75	S	S	16 31 12.8 +1.6
TIA	comp=Z,8.0nm,1.0s				pmax	
TIA	comp=Z,35nm,3.9s				pmax	
TIA	comp=Z,540nm,14.2s				LR	
TIA	comp=Z,350nm,12.8s				LR	
TIA	comp=Z,350nm,12.8s				LR	
ARSA	Arzberg	39.68	303	eP	P	16 31 15.0 +1.8
ARSA	comp=Z,6.2nm,1.3s				P	
KEV	Kevo	39.88	339	P	P	16 31 15.1 +0.6
KEV	comp=Z,32nm,1.4s				pmax	
KEV	Kevo	39.88	339	P	P	16 31 15.1 +0.6
KEV	comp=Z,32nm,1.4s				IAMB	
GOPC	GO Pecny, Ondr	40.05	307	eP	P	16 31 19.4 +3.1
GOPC	comp=Z,300nm,21.5s				AMS	
GOPC	GO Pecny, Ondr	40.05	307	eP	P	16 31 19.4 +3.1
GOPC	comp=Z,300nm,21.5s				MLR	
SOKA	Soboth	40.05	302	eP	P	16 31 18.3 +1.9
SOKA	comp=Z,4nm,1.2s				P	
RPSI	Rantau Prapat	40.10	126	P	P	16 31 18.0 +1.0
RPSI	comp=Z,300nm,16.6s				AMS	
PVCC	Panska Ves	40.19	308	AMS	AMS	16 50 10.0
SGRT	San Giovanni R	40.19	294	P	P	16 31 18.4 +0.9
ARCES	ARCES Array B	40.19	339	P	P	16 31 18.0 +0.9
ARCES	comp=Z,5.0nm,0.7s,baz=128,slo=7.9,SNR=13				PP	
ARCES	comp=Z,5.7nm,0.8s,baz=118,slo=11,SNR=14				PP	
AREO	AREO Array S	40.19	339	P	P	16 49 26.1
AREO	comp=Z,413nm,19.2s,baz=124,slo=38				LR	
PRU	Pruhonic	40.21	307	eP	P	16 31 17.4 +0.3
PRU	comp=Z,300nm,21.2s				eP	
PRU	Pruhonic	40.21	307	eP	P	16 31 20.9 +3.3
PRU	comp=Z,300nm,21.2s				sP	
PRU	Pruhonic	40.21	307	eP	P	16 31 30.8 -0.7
PRU	comp=Z,300nm,21.2s				eS	
PRU	Pruhonic	40.21	307	eP	P	16 37 20.5 -1.8
PRU	comp=Z,300nm,21.2s				AMS	
PRU	Pruhonic	40.21	307	eP	P	16 31 20.9 +3.3
PRU	comp=Z,300nm,21.2s				eS	
PRU	Pruhonic	40.21	307	eP	P	16 31 30.8
PRU	comp=Z,300nm,21.2s				MLR	
PRU	Pruhonic	40.21	307	eP	P	16 37 20.5 -1.8
PRA	Prague	40.28	307	AMS	AMS	16 50 20.0
MOA	Molin	40.49	304	eP	P	16 31 20.8 +0.9
MOA	comp=Z,200nm,12.1s				P	
QIZ	Qiongzong	40.75	104	P	P	16 31 22.8 +0.5
QIZ	comp=Z,10nm,1.2s				S	
QIZ	Qiongzong	40.75	104	P	P	16 37 33.5 +2.6
QIZ	comp=Z,120nm,11.4s				LR	
QIZ	comp=Z,260nm,17.9s				LR	
QIZ	comp=Z,280nm,15.9s				LR	
GERES	GERES Array B	40.80	305	P	P	16 31 23.7 +1.1
GERES	comp=Z,1.1nm,0.7s,baz=96,slo=9.5,SNR=9.7				AMS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 24.6 +1.5
KHC	comp=Z,300nm,12.2s				eS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 38.1 +1.0
KHC	comp=Z,300nm,12.2s				eS	
KHC	Kasperske Hory	40.87	306	eP	P	16 37 41.4 +9.2
KHC	comp=Z,300nm,12.2s				AMS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 24.6 +1.5
KHC	comp=Z,300nm,12.2s				eS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 38.1
KHC	comp=Z,300nm,12.2s				MLR	
KHC	Kasperske Hory	40.87	306	eP	P	16 37 41.4 +9.2
KHC	comp=Z,300nm,12.2s				MLR	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 22.9 -0.1
KHC	comp=Z,300nm,12.2s				P	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 24.4 -0.6
KHC	comp=Z,300nm,12.2s				P	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 28.0 +2.6
KHC	comp=Z,300nm,12.2s				e	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 31.0
KHC	comp=Z,300nm,12.2s				eP	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 36.0 +0.7
KHC	comp=Z,300nm,12.2s				sP	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 40.0 +0.6
KHC	comp=Z,300nm,12.2s				eP	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 00.0 -0.6
KHC	comp=Z,300nm,12.2s				iP	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 09.4
KHC	comp=Z,300nm,12.2s				iS	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 21.2 -3.0
KHC	comp=Z,300nm,12.2s				ePPP	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 27.0
KHC	comp=Z,300nm,12.2s				ePPP	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 36.0
KHC	comp=Z,300nm,12.2s				eScP	
KHC	Kasperske Hory	40.87	306	eP	P	16 37 11.0 -0.5
KHC	comp=Z,300nm,12.2s				eS	
KHC	Kasperske Hory	40.87	306	eP	P	16 37 37.0 +0.5
KHC	comp=Z,300nm,12.2s				LmH	
KHC	Kasperske Hory	40.87	306	eP	P	16 49 00.0
KHC	comp=Z,300nm,12.2s				LmH	
KHC	Kasperske Hory	40.87	306	eP	P	16 49 00.0
KHC	comp=Z,300nm,12.2s				AMS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 28.0 +2.6
KHC	comp=Z,300nm,12.2s				e	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 00.0
KHC	comp=Z,300nm,12.2s				i	
KHC	Kasperske Hory	40.87	306	eP	P	16 33 07.0 +0.5
KHC	comp=Z,300nm,12.2s				pmax	
KHC	Kasperske Hory	40.87	306	eP	P	16 37 37.0 +0.5
KHC	comp=Z,300nm,12.2s				pmax	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 27.2 +1.5
KHC	comp=Z,300nm,12.2s				AMS	
KHC	Kasperske Hory	40.87	306	eP	P	16 53 00.0
KHC	comp=Z,300nm,12.2s				AMS	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 30.9 +1.0
KHC	comp=Z,300nm,12.2s				P	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 32.2 +0.8
KHC	comp=Z,300nm,12.2s				P	
KHC	Kasperske Hory	40.87	306	eP	P	16 31 34.3 +1.2

NJ2	comp=Z,13nm,0.7s				pmax	
NJ2	comp=Z,750nm,15.2s				LR	
NJ2	comp=Z,420nm,15.2s				LR	
NJ2	comp=Z,520nm,14.8s				LR	
VAE	Valguarnera	42.14	288	LR	LR	16 51 49.1
VAE	comp=Z,122nm,18.4s,baz=92,slo=40				P	
WTTA	Wattenberg	42.31	303	eP	P	16 31 36.9 +1.8
WTTA	comp=Z,6.0nm,0.9s				P	
CTI	Castel Tesino	42.45	301	P	P	16 31 36.5 +0.4
CTI	comp=Z,9.0nm,1.0s				pmax	
CTI	Castel Tesino	42.45	301	P	P	16 31 36.5 +0.4
NC405	NORSAR Array S	42.60	323	P	P	16 31 37.2 +0.2
NC405	comp=Z,1.1nm,0.7s				P	
SQTA	Sankt Quirin	42.61	303	eP	P	16 31 39.1 +1.7
SQTA	comp=Z,2.6nm,1.3s				eP	
NC602	NORSAR Array S	42.63	323	P	P	16 31 38.0 +0.8
NC602	comp=Z,2.6nm,1.3s				eP	
MOTA	Mosaalm	42.63	303	eP	P	16 31 39.5 +1.6
MOTA	comp=Z,4.3nm,1.0s				P	
TPTI	comp=Z,5.8nm,0.9s				P	
TPTI	42.75	134	P	P	P	16 31 39.9 +1.2
NC303	NORSAR Array S	42.79	324	P	P	16 31 39.2 +0.7
NC303	comp=Z,1.1nm,0.7s				IAMB	
NC303	NORSAR Array S	42.79	324	P	P	16 32 25.3
NC303	comp=Z,1.1nm,0.7s				IAMB	
NB201	NORSAR Array S	42.80	323	P	P	16 31 39.7 +1.1
NB201	comp=Z,1.1nm,0.7s				IAMB	
NB201	NORSAR Array S	42.80	323	P	P	16 33 12.3
NB201	comp=Z,1.1nm,0.7s				IAMB	
NB2	NORSAR Subarra	42.83	323	P	P	16 31 39.2 +0.3
NB2	comp=Z,4.9nm,1.2s				P	
NOA	NORSAR Array B	42.83	323	P	P	16 31 39.3 +0.4
NOA	comp=Z,2.3nm,1.1s,baz=99,slo=8.6				P	
NOA	NORSAR Array B	42.83	323	P	P	16 31 39.3 +0.4
NOA	comp=Z,2.6nm,0.6s,baz=100,slo=8.1,SNR=14				PP	
NOA	comp=Z,1.1nm,0.5s,baz=98,slo=9.8,SNR=1.8				PcP	
NOA	NORSAR Array B	42.83	323	P	P	16 32 35.5
NOA	comp=Z,2.6nm,0.6s,baz=100,slo=8.1,SNR=14				LR	
RETA	Reutte	42.88	303	eP	P	16 52 38.5
RETA	comp=Z,5.13nm,19.0s,baz=115,slo=40				LR	
RETA	comp=Z,5.13nm,19.0s,baz=115,slo=40				LR	
KCSI	Kotaacane, Aceh	42.89	133	P	P	16 31 38.6 -1.2
KCSI	comp=Z,1.1nm,0.9s				P	
FETA	Feichten	42.96	303	eP	P	16 31 39.3 -1.0
FETA	comp=Z,6.1nm,1.4s				eP	
NAO01	NORSAR Array S	42.96	323	P	P	16 31 40.4 +0.4
NAO01	comp=Z,5.2nm,1.4s				IAMB	
NAO01	NORSAR Array S	42.96	323	P	P	16 33 09.5
NAO01	comp=Z,5.2nm,1.4s				IAMB	
NB000	NORSAR Array S	43.04	323	P	P	16 31 41.0 +0.4
NB000	comp=Z,1.1nm,0.7s				IAMB	
NB000	NORSAR Array S	43.04	323	P	P	16 32 10.5
NB000	comp=Z,1.1nm,					

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Berryessa Peak, Bitterwater Pu, Valley Oaks G, etc.

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

TAP 13 18:33:18.6,23.74N,-121.42E,h18km,ML1.8,2C-1D,C,

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Taiwan, Shilin, Guangxi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Hehuan Shan, Datong, Datong, etc.

IDC 13 18:03:48.9-1.0,43.93N,105.58W,h0km,mb3.9/2, mb1.3/8.6,mb1mx3.3/30,mbtmp3.5/6,ML2.7/3,Error ellipse: s-maj=2.4km s-min=8.6km az=149.0

NEIC 13 18:03:49.2-1.5,43.77N,105.24W,0.06,h0km,2km, ML3.3/30,Error ellipse: s-maj=8.8km s-min=6.6km az=154.0

ISC 13 18:03:49.1-0.8,43.84N,105.30W,0.07,h0km,n3, az=150.8/32,Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like RSSD, K22A, K22A, etc.

ISC 13 18:06:19.3-1.9,7.02N,109.127E,0.1,h10km,n8, az=154.0/10,mb3.3/3,Philippine Islands region

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

NEIC 13 18:45:25.0-1.2,34.34N,101.119W,0.02,h12km,7km, Error ellipse: s-maj=2.6km s-min=1.5km az=56.0

PAS 13 18:45:25.9-1.7,34.37N,101.119W,0.01,h7km,5km, ML2.4/54,Error ellipse: s-maj=1.6km s-min=1.5km az=185.0

ANF 13 18:45:25.3-0.2,34.33N,119.34W,h22km,3km,ML2.5/12, Error ellipse: s-maj=2.5km s-min=2.0km az=107.0

SCEDC 13 18:45:25.6-0.9,34.34N,101.119W,0.02,h28km,7km, n51,09/99,69,Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like STCC, Santa Clara, RYS, etc.

IDC 13 18:06:11.6-3.4,7.78N,127.68E,h0km,mb3.3/3, mb1.3/5,mb1mx3.3/30,mbtmp3.3/3,Error ellipse: s-maj=248.4km s-min=30.4km az=67.0

TAP 13 18:33:22.7,24.06N,-121.61E,h10km,ML1.6,1D,C, Taiwan

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ARVC, Arvin, LEOC, etc.

13d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPO, MWC, FMP, CHFC, SNCC, etc.

EDW2 1.10 189 P Pn 18 45 45.0 -0.2

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2014 JUL

Table with columns: SRN, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sarande, Klokotos Trika, Igomouitsa, etc.

NEIC 13 19:00:21.8, 1.8, 24.29S:0.04:70.78W:0.08, h33km, 7km, Error ellipse: s-maj=10.8km s-min=5.8km az=91.0

GUC 13 19:00:23.0, 7.2, 24.26S:70.51W, h37km, 2km, ML4.0

IDC 13 19:00:24.4, 4.4, 31.5:70.23W, h33km, 28km, mb3.9/2, mb1.3/9.5, mb1mx3.6/20, mbtrmp3.9/5, ML3.9/3, MS2.6/3, Ms1.2/7.3, ms1mx2.5/24, Error ellipse: s-maj=50.6km

ISC 13 19:00:25.5, 5.1, 3.2429S:0.03:70.69W:0.09, h29km, 8km, n62, c134/60, 7C-1D, Near coast of northern Chile

Code Station Name Az Az' Phase ID Time Res

PB14 IPOC Station P 0.43 143 I/P Pn 19 00 32.7 +0.8

PB14 IPOC Station P 0.43 143 P S 19 00 39.4 +0.4

GO02 Mina Guanaco 1.78 9 I/P Pn 19 00 37.2 +0.7

GO02 Mina Guanaco 1.78 9 I/P Pn 19 00 37.2 +0.7

GO02 Mina Guanaco 1.78 9 I/P Pn 19 00 37.2 +0.7

GO02 Mina Guanaco 1.78 9 I/P Pn 19 00 37.2 +0.7

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GO02 Mina Guanaco 1.78 9 I/P Pn 19 00 37.2 +0.7

658

ms1mx2.6/39, Error ellipse: s-maj=43.5km s-min=18.8km az=61.0

MAN 13 19:04:49.1, 9.17N:122.06E, h23km, mb5.0, ML4.0, MS4.0

NEIC 13 19:04:52.3, 7.9, 9.6N:0.1, 121.83E:0.09, h80km, 16km, mb3.9/5, Error ellipse: s-maj=17.9km s-min=12.3km az=182.0

ISC 13 19:04:47.2, 1.5, 9.18N:0.04:122.04E:0.03, h8km, 10km, n40, c195/48, mb3.9/11, MS2.9/3, 2C-3D, Negros

Code Station Name Az Az' Phase ID Time Res

CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

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CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

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CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

CN0P Candoni, Negro 0.88 43 Op Pn 19 05 45.0 -0.2

ATH 13 18:57:31.4, 40.88N:21.21E, h17km, 2km, ML2.3/3, Error ellipse: s-maj=5.2km s-min=1.4km az=133.0

THE 13 18:57:31.6, 40.89N:21.23E, h2km, 2km, ML2.1/6, Error ellipse: s-maj=2.2km s-min=1.0km az=69.0

SKO 13 18:57:31.1, 40.89N:21.22E, h19km

TIR 13 18:57:31.4, 40.90N:21.19E, h7km, MD2/5

ISC 13 18:57:31.8, 0.9, 40.86N:0.02:21.21E:0.02, h15km, 6km, n32, c1928/55, Greece

Code Station Name Az Az' Phase ID Time Res

FNA Florina 0.15 121 P S 18 57 35.8 +0.0

FNA Florina 0.15 121 P S 18 57 35.8 +0.0

FNA Florina 0.15 121 P S 18 57 35.8 +0.0

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FNA Florina 0.15 121 P S 18 57 35.8 +0.0

Code Station Name Az Az' Phase ID Time Res

GO03 Copiapu 3.32 173 Pn 19 01 12.9 +1.4

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GO03 Copiapu 3.32 173 Pn 19 01 12.9 +1.4

GO03 Copiapu 3.32 173 Pn 19 01 12.9 +1.4

STR 13 19:19:30.4, 4.2, 44.17N:16.3, 1.0E:3.4, h10km, MLV3.0/8, sm:scs/0.6/LOCSA7 earthModelID

ROM 13 19:19:33.7, 0.1, 44.507N:0.006:9.634E:0.006, h13km, 1km, ML2.6/4, Error ellipse: s-maj=0.8km s-min=0.2km az=27.0

GEN 13 19:19:34.1, 44.54N:9.65E, h4km, 2km, ML2.6

LDG 13 19:19:35.0, 0.1, 44.43N:9.61E, h4km, ML2.5/30, Error ellipse: s-maj=1.7km s-min=1.1km az=25.0

ISC 13 19:19:33.7, 0.8, 44.445N:0.02:9.55E:0.01, h11km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AUGUSTINE LAVA, AUGUSTINE PINN, AUGUSTINE WEST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SKR Severo-Kuril's, ALID Alaid, ALK Aluzhetka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like HKT, SDV, MNTX, 319A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like KSH, CMAR, IDC, NEIC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like WBO, WRRO, WRAB, WRAB, etc.

BLJI	comp=Z,79nm,1.5s	37.73	263	P	P	20 07 54.7	+1.2
MOO	Moorlands	38.31	185	P	P	20 07 59.4	+1.4
MEEK	Meekatharra	38.48	231	P	P	20 07 58.6	-1.2
TAU	Tasmania Unive	38.77	185	P	P	20 08 02.7	+0.9
TAU	comp=Z,159nm,1.5s						
TAU	Tasmania Unive	38.77	185	P	P	20 08 02.7	+0.9
SBUM	Sibu	39.67	279	P	P	20 08 11.0	
TWG	Pinlang	39.93	314	IAMS_20	IAMS_20	20 20 45.3	
YULB	Yulu	40.13	314	P	P	20 08 12.6	-0.9
GIRL	Giralia	40.35	239	IAMS_20	IAMS_20	20 25 51.9	
WOJI	Wonogiri, Jawa	40.38	263	P	P	20 08 16.6	+0.9
NACB	Ninganchiao	40.41	316	Iamb	Iamb	20 08 14.7	-1.0
NACB	comp=Z,172nm,1.3s						
NACB	Ta-pu	40.55	314	PcP	PcP	20 10 15.1	-3.5
TPUB	TPUB	41.69	230	PcP	PcP	20 10 16.5	-2.6
SSLB	Suangleung	40.62	315	P	P	20 08 17.6	0.0
UGM	Wanagama	40.78	263	P	P	20 08 20.1	+1.0
SMRI	Semarang	40.83	264	P	P	20 08 20.1	+0.7
YOGI	Yogyakarta	41.01	263	P	P	20 08 22.0	+1.1
QRZ	Quartz Range	41.17	155	IAMS_20	IAMS_20	20 23 39.0	
URZ	Urewera	41.27	149	IAMS_20	IAMS_20	20 25 17.4	
KSM	Kuching	41.42	277	P	P	20 08 25.0	
BKZ	Black Stump Fm	41.65	150	P	P	20 08 27.9	+2.0
MORW	Morawa	41.66	230	IAMS_20	IAMS_20	20 28 10.8	
MORW	comp=Z,8um,22.0s						
KLBR	Kellerberrin	41.73	225	P	P	20 08 25.7	-0.9
NZR	Nelson	41.86	155	IAMS_20	IAMS_20	20 23 19.1	
BLDU	Ballidu	41.96	227	P	P	20 08 27.9	-0.6
THZ	Tophouse	42.11	156	IAMS_20	IAMS_20	20 26 59.9	
MJAR	Matsushiro Arr	42.31	344	P	P	20 08 28.9	-2.3
MJAR	comp=Z,19nm,1.2s,baz=167,slow=8.5,SNR=20						
MJAR	comp=Z,5.1nm,1.0s,baz=180,slow=2.9,SNR=4.2						
MAJO	Matsushiro	42.31	344	P	P	20 08 30.6	-0.6
MAJO	comp=Z,37nm,1.3s						
MAT	Matsushiro	42.31	344	P	P	20 08 26.3	-4.9
MAT	comp=Z,19nm,1.2s,baz=167,slow=8.5,SNR=20						
SNZO	South Karori	42.50	154	IAMS_20	IAMS_20	20 14 46.2	-3.9
BFZ	Birch Farm	42.70	152	P	P	20 08 36.1	+1.7
BFZ	comp=Z,138nm,1.2s						
BFZ	IAMS_20					20 27 11.7	
KLZ	Lake Taylor	42.72	157	P	P	20 08 34.9	+0.3
LTZ	Iamb					20 08 37.0	
NWAO	Narogin (SRO)	42.85	224	P	P	20 08 34.4	-1.3
NWAO	comp=Z,12nm,0.9s,baz=60,slow=8.1,SNR=1.9						
NWAO	comp=Z,8um,21.2s,baz=54,slow=36						
NWAO	Narogin (SRO)	42.85	224	P	P	20 08 34.7	-1.0
NWAO	comp=Z,82nm,1.5s						
NWAO	Narogin (SRO)	42.85	224	P	P	20 08 34.6	-1.0
NWAO	comp=Z,12um,20.0s						
OZH	Quanzhou	43.02	314	P	P	20 08 37.3	+0.2
OZH	comp=Z,120nm,1.3s						
OZH	comp=Z,870nm,3.1s						
OZH	comp=Z,2um,15.6s						
OZH	comp=Z,2um,18.0s						
OZH	comp=Z,4um,18.9s						
MUN	Mundaring	43.05	226	P	P	20 08 36.9	-0.4
RPZ	Rata Peaks	43.07	159	P	P	20 08 36.7	-0.6
RPZ	comp=Z,50nm,0.7s,baz=102,slow=3.8,SNR=11						
RPZ	Rata Peaks	43.07	159	P	P	20 08 37.5	+0.2
RPZ	comp=Z,227nm,1.3s						
LBZ	Lake Benmore	43.36	160	P	P	20 08 39.0	-0.6
LBZ	comp=Z,12um,22.0s						
CISI	Cisomet, Garu	43.45	263	P	P	20 08 42.6	+1.7
MIZL	Mavora Lakes	43.59	163	Iamb	Iamb	20 08 42.0	+0.5
MLZ	comp=Z,109nm,1.3s						
MLZ	IAMS_20					20 22 40.5	
MQZ	McQueen's Vall	43.66	158	IAMS_20	IAMS_20	20 25 55.6	
TPI	Tanjungpandan	43.66	170	P	P	20 08 44.0	+1.5
JOHN	Johnston Islan	43.85	61	IAMS_20	IAMS_20	20 24 23.9	
PYZ	Puysegur Point	43.92	165	IAMS_20	IAMS_20	20 23 21.7	
ODZ	Odessa Downs	44.09	160	IAMS_20	IAMS_20	20 26 41.0	
CNJI	Cibinong	44.12	264	P	P	20 08 47.2	+1.0
DBJI	Drumage	44.48	265	P	P	20 09 03.5	+1.4
HKPS	Hong Kong Po S	44.89	307	IAMS_20	IAMS_20	20 24 51.7	
PPBI	Pangkal Pinang	45.21	271	P	P	20 08 55.5	+0.6
SSE	Sheshan	45.36	323	P	P	20 08 56.5	+0.7
SSE	comp=Z,22nm,1.1s						
SSE	comp=Z,2um,20.3s						
SSE	comp=Z,2um,21.4s						
BLSI	Bandar Lampung	45.98	267	P	P	20 09 03.8	+2.8
TJNJ	Taefon	46.15	333	P	P	20 09 02.4	+2.5
PMBI	Palembang	46.53	270	P	P	20 09 06.6	+1.3
ERM	Ermo	46.55	352	P	P	20 09 06.0	+1.1
ERM	comp=Z,102nm,1.3s						
ERM	comp=Z,7um,19.0s						
ERM	Ermo	46.55	352	P	P	20 09 02.8	-2.2
ERM	comp=Z,62nm,1.0s						
ERM	Ermo	46.55	352	IAMS_20	IAMS_20	20 28 53.1	
KASI	Kota Agung	46.72	266	P	P	20 09 06.9	+0.1
KSRS	Korea Array	46.79	334	P	P	20 09 06.5	-0.4
KSRS	comp=Z,11nm,1.0s,baz=151,slow=7.7,SNR=21						
DSRI	Dabo	46.89	273	P	P	20 09 08.5	+0.3
QIZ	Qiongzong	46.92	301	P	P	20 09 06.9	-1.3
QIZ	comp=Z,51nm,0.5s						
QIZ	comp=Z,680nm,18.0s						

QIZ	comp=Z,2um,19.0s						
QIZ	comp=Z,4um,20.2s						
MDSI	Maura Dua	47.06	268	P	P	20 09 08.9	-0.5
TPRI	Tanjung Pinang	47.08	275	P	P	20 09 10.7	+1.0
LWLI	Liwa	47.17	267	P	P	20 09 11.4	+1.0
NJ2	Nanjing	47.45	322	P	P	20 09 13.4	+1.2
NJ2	comp=Z,23um,1.0s						
NJ2	comp=Z,840nm,4.3s						
NJ2	comp=Z,4um,15.7s						
NJ2	comp=Z,2um,17.6s						
LHSI	Lahat	47.73	269	P	P	20 09 15.7	+1.0
MYKOM	Kota Tinggi	47.86	276	P	P	20 09 16.0	
YUK	Yuzh-Kuril sk	48.22	355	eP	eP	20 09 15.5	-2.4
YUK	comp=Z,5um,20.0s						
HJU	Haeju	48.26	333	P	P	20 09 19.6	+1.3
HJU	Hamhung	49.04	336	P	P	20 09 24.5	+0.2
PYAG	Pyongyang	49.06	334	P	P	20 09 23.5	-1.0
PYS	Pyongyang	49.19	334	P	P	20 09 26.2	+0.8
KUR	Kuril'sk	49.26	357	eP	eP	20 09 25.8	-0.1
KUR	comp=Z,228nm,1.2s						
KUR	comp=N,88nm,1.1s						
KUR	comp=E,73nm,1.2s						
WHN	Wuhan	49.41	317	P	P	20 09 28.5	+1.2
WHN	comp=Z,290nm,1.8s						
WHN	comp=Z,780nm,3.8s						
WHN	comp=Z,2um,11.0s						
WHN	comp=Z,7um,18.1s						
CHJN	Chongjin	49.78	339	P	P	20 09 28.9	-1.0
KRJI	Kerinci	49.88	271	P	P	20 09 34.3	+3.0
SDSI	Sungai Dareh	49.99	272	P	P	20 09 33.2	+1.2
MSHR	Mys Shul'tsa	50.00	341	eP	eP	20 09 32.3	+0.8
VLA	Vladivostok	50.24	341	eP	eP	20 09 33.4	0.0
RAR	Rarotonga	50.34	114	P	P	20 09 35.6	+1.1
SUJ	Sinuiju	50.49	333	P	P	20 09 34.7	-0.6
BKNI	Bangkalin	50.49	274	P	P	20 09 35.9	+0.1
TEY	Tei	50.72	346	eP	eP	20 09 36.0	-0.9
TEY	comp=N,10.0nm,1.7s						
DL2	Dalian	50.90	330	P	P	20 09 38.1	-0.3
DL2	comp=Z,49nm,1.5s						
DL2	comp=Z,620nm,3.9s						
DL2	comp=Z,1um,18.1s						
DL2	comp=Z,3um,17.6s						
IPM	Ipooh	51.03	279	P	P	20 09 40.0	
USA0B	Ussuriysk Arra	51.09	342	IAMS_20	IAMS_20	20 27 48.7	
USRK	Ussuriysk Arr	51.19	342	P	P	20 09 40.7	+0.2
USRK	comp=Z,15nm,0.8s,baz=169,slow=6.4,SNR=34						
PPSI	Pulau Pagai	51.28	270	P	P	20 09 42.3	+0.5
TIA	Taian	51.36	324	P	P	20 09 40.5	-1.5
TIA	comp=Z,4.0nm,0.5s						
TIA	comp=Z,300nm,3.5s						
TIA	comp=Z,2um,18.5s						
TIA	comp=Z,3um,18.5s						
YSS	Yuzh-Sakhalins	51.45	352	eP	eP	20 09 41.2	-1.2
YSS	comp=Z,700nm,4.0s						
YSS	comp=Z,30nm,1.0s						
YSS	comp=N,2um,9.7s						
YSS	comp=E,900nm,7.2s						
YSS	comp=Z,2um,14.0s						
KULM	Kulim	51.53	280	P	P	20 09 41.8	-1.9
KULM	comp=Z,85nm,1.4s						
MINSI	Mandailing Nat	51.59	274	P	P	20 09 46.3	-0.8
SNY	Shenyang	52.29	334	P	P	20 09 48.9	+0.1
SNY	comp=Z,29nm,2.1s						
SNY	comp=Z,600nm,4.8s						
SNY	comp=Z,2um,22.1s						
SNY	comp=Z,2um,15.1s						
SNY	comp=Z,4um,22.1s						
SISI	Saibi	52.29	272	P	P	20 09 50.0	+0.7
MDJ	Mudanjiang	52.33	340	P	P	20 09 48.3	-0.7
MDJ	comp=Z,7um,20.0s						
MDJ	comp=Z,70nm,1.3s						
MDJ	comp=Z,2um,19.0s						
MDJ	comp=Z,600nm,10.1s						

MDJ	comp=Z,68nm,1.7s						
MDJ	comp=Z,770nm,4.0s						
MDJ	comp=Z,2um,24.2s						
MDJ	comp=Z,3um,27.0s						
MDJ	comp=Z,7um,31.3s						
PSI	Prapat	52.87	277	P	P	20 34 46.6	
GYA	Guiyang	52.87	308	P	P	20 09 54.5	+0.9
GYA	comp=Z,22nm,1.6s						
GYA	comp=Z,790nm,4.9s						
GYA	comp=Z,1um,15.3s						
GYA	comp=Z,2um,18.2s						
GYA	comp=Z,3um,19.3s						
CN2	Changchun	53.13	337	eP	eP	20 09 55.3	+0.3
CN2	comp=Z,20nm,1.3s						
CN2	comp=Z,410nm,4.0s						
CN2	comp=Z,4um,22.0s						
CN2	comp=Z,2um,22.0s						
GSJ	Gunungsitoli	54.03	275	P	P	20 10 01.3	-0.9
KCSI	Kotacane, Aceh	54.10	277	P	P	20 10 02.3	-0.4
KEKH	Kekahulu	54.43	59	IAMS_20	IAMS_20	20 28 48.2	
BJI	Beijing	54.57	327	P	P	20 10 06.0	+0.4
BJI	comp=Z,380nm,4.5s						
BJI	comp=Z,2um,20.0s						

COLA COLA	baz=242	81.78	22c	iP	P	20 12 54.3	-1.4
HDA	comp=Z,19nm,0.9s	81.91	23	P	P	20 12 55.6	-0.8
CRQM	Hardie Lake baz=243	81.92	27	Iamb	Iamb	20 13 05.9	
WAX	comp=Z,68nm,0.9s	81.92	27	IAMS_20	IAMS_20	20 47 27.4	
VRDI	Verde Repeater	81.97	26	Iamb	Iamb	20 13 05.3	
POKR	Poker Plat Res baz=242	82.05	22	P	P	20 12 56.0	-1.2
IL31	comp=Z,50nm,0.8s	82.10	22	Iamb	Iamb	20 13 03.1	
ILAR	Eielson Array	82.10	22	P	P	20 12 56.5	-0.9
ILAR	comp=Z,12nm,0.7s, baz=247, slow=5, SNR=49	82.12	20	P	P	20 31 25.4	-4.2
ILAR	comp=Z,0.5nm,0.8s, baz=0.0, slow=1.3, SNR=6.0	82.12	20	LR	LR	20 48 16.2	
COLD	comp=Z,2.19m,19.3s, baz=268, slow=35	82.12	20	P	P	20 12 58.2	+0.8
COLD	Coldfoot baz=239	82.12	20	IAMS_20	IAMS_20	20 43 54.9	
KUU	Kury Kurly	82.15	315	iP	S	20 12 57.7	-0.4
KUU	comp=Z,254nm,2.6s, baz=315	82.15	315	eS	P	20 23 09.6	-1.4
KUU	baz=315			LR	LR	20 49 35.0	
KUU	comp=Z,694nm,17.4s, baz=315	82.15	315	iP	S	20 12 57.7	-0.4
KUU	comp=Z,254nm,2.6s			MLR	MLR	20 49 35.0	
ISLE	comp=Z,694nm,17.0s	82.22	27	IAMS_20	IAMS_20	20 47 45.2	
MESA	MESA	82.23	28	IAMS_20	IAMS_20	20 51 42.6	
BALM	Baldy	82.39	27	Iamb	Iamb	20 13 07.5	
KURK	Kurchatov	82.39	322c	iP	P	20 12 58.1	-1.1
KURK	comp=Z,102nm,2.5s	82.39	322	P	P	20 12 58.7	-0.4
KURK	comp=Z,2.19m,19.0s	82.39	322	Iamb	Iamb	20 13 08.1	
KURK	comp=Z,74nm,1.1s	82.40	27	IAMS_20	IAMS_20	20 53 46.8	
YAH	Yahitse	82.40	27	IAMS_20	IAMS_20	20 53 46.8	
KURBB	Kurchatov Arra	82.42	322	P	P	20 12 58.6	-0.7
KURBB	comp=Z,9.8nm,0.9s, baz=108, slow=4.6, SNR=56	82.43	24	IAMS_20	IAMS_20	20 31 25.7	-2.4
RIDG	Independent IR	82.43	24	IAMS_20	IAMS_20	20 44 56.6	
TKM2	Tokmak 2	82.46	314	P	P	20 13 01.0	+1.0
KZA	Kyzart	82.53	313	P	P	20 13 02.1	+1.5
MENT	Mentasta	82.56	25	IAMS_20	IAMS_20	20 46 21.9	
BARN	Barnard Glacie	82.70	27	Iamb	Iamb	20 13 08.5	
TABL	Table Mountain	82.70	28	IAMS_20	IAMS_20	20 54 32.0	
DOT	Dot Lake	82.71	24	IAMS_20	IAMS_20	20 45 05.8	
SCRK	Sand Creek	82.88	24	Iamb	Iamb	20 13 09.7	
SCRK	comp=Z,53nm,1.1s	82.88	24	IAMS_20	IAMS_20	20 45 22.3	
TOLK	Toolik Lake Re	83.05	18	P	P	20 13 03.8	+1.5
CHMS	Chumysh	83.08	314	P	P	20 13 04.4	+1.4
UAK	Uchtor	83.09	313	P	P	20 13 05.4	+1.8
AAH	Ala-Archa	83.19	314	P	P	20 13 04.2	+0.5
AAK	Ala-Archa	83.19	314c	iP	P	20 13 04.6	+0.8
AAK	comp=Z,40nm,2.5s			MLR	MLR		
USP	Ospenovka	83.32	314	P	P	20 13 05.4	+1.1
AML	Almayashu	83.67	313	P	P	20 13 08.0	+1.5
EKS2	Erkin-Say	83.72	314	P	P	20 13 07.9	+1.5
BTLS	Baital	84.01	316	eP	P	20 13 07.7	0.0
BTLS	comp=Z,101nm,2.5s, baz=316	84.01	316	eS	S	20 23 27.0	-2.8
BTLS	Baital	84.01	316	eS	S	20 13 07.7	0.0
BTLS	comp=Z,101nm,2.5s			MLR	MLR	20 23 27.0	-2.8
EGAK	Eagle	84.33	23	IAMS_20	IAMS_20	20 46 26.6	
SIT	Sitka	84.37	32	IAMS_20	IAMS_20	20 45 01.1	
HYT	Haines Junction	84.52	28	P	P	20 13 11.0	+0.9
DAWY	Dawson	84.78	24	P	P	20 13 12.2	+0.9
DAWY	comp=Z,4.1m,22.0s	84.78	24	IAMS_20	IAMS_20	20 44 44.7	
NRIK	Noril'sk	84.89	341	P	P	20 13 11.2	-0.4
NRIK	comp=Z,21nm,0.6s, baz=119, slow=5.2, SNR=48	84.89	341	LR	LR	20 50 47.8	
JIS	Juneau Island	85.29	31	IAMS_20	IAMS_20	20 45 47.7	
MOBC	Moresby Island	85.34	36	IAMS_20	IAMS_20	20 46 23.5	
MAW	Mawson	85.62	203	P	P	20 13 15.2	-0.1
MAW	comp=Z,3.0m,20.0s	85.62	203	P	P	20 13 14.4	-0.9
MAW	comp=Z,4.0nm,0.8s, baz=61, slow=6.1, SNR=5.6	85.62	203	LR	LR	20 48 40.6	
MAW	comp=Z,5.1m,21.3s, baz=90, slow=34	85.62	203	P	P	20 13 16.8	+1.5
MAW	comp=Z,1.4nm,1.4s	85.62	203	P	P	20 13 16.8	+1.5
MAW	comp=Z,61nm,1.2s	85.62	203	Iamb	Iamb	20 13 16.5	0.0
QSPA	South Pole Qui	85.81	180	Iamb	Iamb	20 13 26.0	
QSPA	comp=Z,2.19m,18.0s	85.81	180	IAMS_20	IAMS_20	20 55 49.9	
WRAK	Wrangell Island	85.89	33	IAMS_20	IAMS_20	20 44 52.7	
IUG	Iuzhny	86.36	313	eP	P	20 13 19.2	-0.5
IUG	comp=Z,1.7nm,2.4s, baz=313	86.36	313	eP	P	20 13 19.2	-0.5
IUG	comp=Z,1.7nm,2.4s	86.61	23	P	P	20 13 20.6	+0.3
EPYK	Eagle Plains	86.61	23	P	P	20 13 20.6	+0.3
EPYK	comp=Z,3.1m,20.0s	86.61	23	IAMS_20	IAMS_20	20 49 18.9	
BBB	Bella Bella	87.44	37	IAMS_20	IAMS_20	20 46 31.3	
BVAR	Borovoye Array	87.87	323	P	P	20 13 25.8	-0.8
MAW	Mawson	87.94	323	P	P	20 13 26.5	-0.5
BRVK	comp=Z,28nm,1.0s	87.94	323	MLR	MLR		
BRVK	comp=Z,3.1m,19.0s	87.94	323	Iamb	Iamb	20 13 26.4	-0.5
BRVK	comp=Z,28nm,1.0s	87.94	323	IAMS_20	IAMS_20	20 54 29.9	
BRVK	comp=Z,3.1m,19.0s	87.94	323	IAMS_20	IAMS_20	20 54 29.9	
INIK	Inuvik	88.36	21	IAMS_20	IAMS_20	20 51 17.0	
KCPM	Cahto Peak	88.81	50	IAMS_20	IAMS_20	20 46 50.8	
KHMM	Horse Mountain	88.83	49	IAMS_20	IAMS_20	20 54 35.1	

J01E	Myrtle Point	88.94	47	P	P	20 13 35.0	+3.1
K02D	Willamette Mer	89.08	47	P	P	20 13 36.9	+4.2
I02D	Swihome	89.11	46	P	P	20 13 34.5	+1.9
HOPS	Hoiland Field	89.13	51	IAMS_20	IAMS_20	20 49 48.3	
MCCM	Marconi Confer	89.19	52	IAMS_20	IAMS_20	20 46 56.0	
GDXM	Geysers	89.32	51	IAMS_20	IAMS_20	20 52 50.5	
I03D	Drain, OR	89.42	46	P	P	20 13 35.3	+1.2
F03A	Seaside	89.52	44	IAMS_20	IAMS_20	20 47 46.9	
M02C	Callahan	89.54	49	P	P	20 13 36.7	+1.9
COR	Corvallis	89.55	45	IAMS_20	IAMS_20	20 45 38.9	
N02D	Trinity Center	89.61	49	P	P	20 13 36.3	+1.1
YBH	Yreka Blue Hor	89.68	48	IAMS_20	IAMS_20	20 45 48.7	
WDC	Whiskeytown Da	89.69	49	IAMS_20	IAMS_20	20 55 11.2	
H04D	Lebanon	89.95	46	P	P	20 13 39.4	+2.8
D03D	Eldon	90.01	42	P	P	20 13 39.8	+3.0
L04D	Klamath Falls	90.03	48	P	P	20 13 38.4	+1.2
I04A	Tendick Farm,	90.11	46	P	P	20 13 38.0	+0.5
O03E	Caynes Creek	90.23	50	P	P	20 13 38.8	+0.7
E04D	Pinebar	90.27	44	P	P	20 13 43.0	+3.0
J04D	Umpqua Nationa	90.27	47	P	P	20 13 41.4	+3.0
M04C	Maedon	90.34	48	P	P	20 13 42.5	+3.9
H04A	Detroit Lake	90.35	45	IAMS_20	IAMS_20	20 46 17.2	
A04D	Lummi Island	90.39	41	P	P	20 13 43.2	+4.7
K04D	Chiloquin, OR	90.48	47	P	P	20 13 43.3	+4.1
B05A	Bryant	90.75	42	P	P	20 13 41.4	+1.2
J05D	Fort Rock, OR	90.91	47	P	P	20 13 42.5	+1.2
I05D	Terrebonne, OR	90.93	46	P	P	20 13 42.3	+1.0
G05D	Wamin, OR	91.02	45	P	P	20 13 45.9	+4.3
PAGB	Antelope Grade	91.08	54	IAMS_20	IAMS_20	20 49 54.2	
K05A	Sumner Lake	91.12	47	IAMS_20	IAMS_20	20 54 35.6	
CMB	Columbia Colle	91.14	52	IAMS_20	IAMS_20	20 51 15.7	
PINE	Pine Mountain	91.17	46	IAMS_20	IAMS_20	20 51 38.8	
VCNR	Virginia City	91.80	51	IAMS_20	IAMS_20	20 55 37.2	
WAKR	Walker	91.92	52	IAMS_20	IAMS_20	20 51 51.2	
VES	Vestal, Richgr	92.03	54	P	P	20 13 48.0	+1.5
PAHR	Pah Rah Range	92.04	51	IAMS_20	IAMS_20	20 54 36.2	
MDPB	Devils Postpil	92.14	53	IAMS_20	IAMS_20	20 49 07.3	
I07A	Izee	92.22	46	IAMS_20	IAMS_20	20 52 22.7	
OSI	Ostia Audit, C	92.25	56	IAMS_20	IAMS_20	20 46 12.4	
CIS	Catalina Islan	92.43	57	P	P	20 13 50.8	+2.4
ISA	Isabella, Lake	92.51	55	P	P	20 13 51.7	+2.9
ISA	Isabella, Lake	92.51	55	IAMS_20	IAMS_20	20 54 03.3	
RYN	Ryan	92.64	52	IAMS_20	IAMS_20	20 52 14.4	
PASC	Pasadena Art C	92.67	56	IAMS_20	IAMS_20	20 46 36.5	
G08A	Pilot Rock	92.68	45	IAMS_20	IAMS_20	20 47 50.7	
MWC	Mount Wilson	92.78	56	IAMS_20	IAMS_20	20 46 40.4	
NVAR	Mina Aray Bea	92.80	52	P	P	20 13 51.3	+1.0
NVAR	comp=Z,20nm,1.1s, baz=257, slow=4.9, SNR=26	92.80	52	LR	LR	20 49 37.8	
EDW2	Edwards Air Fo	92.86	55	P	P	20 13 51.6	+1.2
CWC	Cottonwood Cre	92.88	54	P	P	20 13 51.2	+0.6
NV11	Mina Aray Sit	92.92	52	IAMS_20	IAMS_20	20 52 22.7	
J08A	Circle Bar Ran	92.93	47	IAMS_20	IAMS_20	20 54 04.5	
BFSC	Mount Baldy Ra	93.11	56	P	P	20 13 52.3	+0.6
LRMC	Laurel Mt Rd	93.15	55	P	P	20 13 53.2	+1.4
E09A	Wood Farm, Sta	93.31	44	IAMS_20	IAMS_20	20 49 10.2	
MPMC	Manual Prospec	93.33	54	P	P	20 13 54.0	+1.3
109C	Camp Elliot, M	93.50	57	P	P	20 13 55.9	+2.6
SYO	Syowa Base	93.80	200f	eX	P	20 13 51.2	-2.7
CCX	Cicese	93.83	50	IAMS_20	IAMS_20	20 48 00.6	
BMO	Blue Mountains	93.83	45	IAMS_20	IAMS_20	20 48 28.2	
SVE	Sverdlovsk	93.85	327	eP	P	20 13 53.7	-0.6
CBX	Cerro Bola	93.85	58	IAMS_20	IAMS_20	20 48 13.1	
FURC	Furnace Creek,	93.86	54	P	P	20 13 56.2	+1.4
GSC	Goldstone, Bar	93.86	55	P	P	20 13 57.2	+2.2
GSC	Goldstone, Bar	93.86	55	IAMS_20	IAMS_20	20 53 53.9	
NEW	Newport	94.07	42	P	P	20 13 56.5	+0.9
PFO	Pinyon Flats O	94.07	57	LR	LR	20 48 52.2	
PFO	comp=Z,3.1m,20.6s, baz=294, slow=31	94.07	57	P	P	20 13 57.7	+1.6
PFO	comp=Z,2.19m,18.0s	94.07	57	IAMS_20	IAMS_20	20 48 49.0	
MONP2	Monument Peak	94.08	57	P	P	20 13 57.3	+1.1
XPFO	Pion Flat	94.08	57	IAMS_20	IAMS_20	20 48 49.0	
TPFO	Pinon Flats	94.08	57	P	P	20 13 57.9	+1.8
SHOC	Shoshone, Teco	94.31	54	P	P	20 13 58.7	+1.7
IKP	In-Ko-Pah, Jac	94.33	58	P	P	20 13 59.0	+1.7
TPNV	Topopah Spring	94.37	53	P	P	20 13 58.2	+0.8
TPNV	comp=Z,2.19m,18.0s	94.37	53	IAMS_20	IAMS_20	20 51 54.3	
ESJX	Sierra Juarez	94.44	58	IAMS_20	IAMS_20	20 48 20.8	
BELC	Belle Mtn, Jos	94.47	56	P	P	20 13 59.2	+1.3
TUQ	Turquoise Mount	94.58	55	P	P	20 13 59.6	+1.2
SWSC	San W. Stewart	94.60	57	P	P	20 13 59.7	+1.4
GMRC	Granite Mounta	94.78	56	P	P	20 14 00.4	+1

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like 125A Trinidad, KLMR Klimovskoe, and APA Apatity.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like AKASG Malin Array B, AKASG Malin Array Si, and COWI Conover.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like Y49A Blount Mountain, M50A Fremont, and R50A Paris.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other technical details. Includes stations like V55A Taylorsville, L56A Wolcott, L56A Greenwood, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other technical details. Includes stations like NNA Nana, SSB Saint Sauver, GCUF Volcan Galeras, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like BRDH Baridahlua, CMAR Chiang Mai Arr, MKAR Maknachi Array, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like NOA NORPAR Subarrat, AKASE Main Arr, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like KTMS Ketmen, SHLS Shalkode, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like WMO Urumqi, DJR Jarkent, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other technical details. Includes stations like KPKS Kokpek, SATY Saty, etc.

13d 20h

Table with columns: ID, Name, Comp, Z, SNR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Rows include: M60A Port Jervis, Q44A Meyer Farm, Va, M62A Hamden, M64A Tiverton, N53A Lisbon, O49A Covington, N54A Moraine State, M58A Price's Panora, S39A Bolivar, M57A Sunshine Farm, P46A Rosedale, MNTX Cornudas Mount, MNTX Cornudas Mount, M59A Waymar, N52A McGinn's Farm, KSPA Keystone Colle, VNA3 Neumayer Olymp, R40A Maddies Stat, L63A North Scituate, M56A Emporium, BRYW Bryant College, L64A Middleborough, N51A Ashland, M55A Ridgway, VNA1 Neumayer-Stat, L62A Suffield, L60A Shokan, M54A Oil Creek Stat, M53A WI Miller and, MSTX Muleshoe, L58A Harry Jones Me, L61A Hillsdale 1, H, L57A Andrews Acres, M51A Elyria, L59A Walton, VNA2 Neumayer-Watz, SFIN Lafayette, SFIN Lafayette, M52A Chesterland, BINTX Binghamton, AMTX Amarillo, L61B Northampton, L56A Greenwood, HRV Adam Dzewonsk, HRV Adam Dzewonsk, L53A Girard, L55A Hinsdale, K62A Royalston, K63A Dunstable, K60A Five Rivers En, K61A Williams town, ERPA Erie, L54A Sinclairville, K59A Cooperstown, P40A Paris, K58A Earlville, K57A Scipio Center, K56A Middlesex, K54A Basiliko Farm, HDIL Hopedale, L50A Kingsville, K55A Perry, J62A Henniker, J60A Stratford, J63A Lant Hill Farm, L48A N Adams, J61A Chester, K52A Tillsontown, AAM Ann Arbor, AAM Ann Arbor, J58A Remsen, J58A Remsen, J56A Wolcott, J56A Wolcott, K51A Iona Station, J59A Piesco, J57A Williamstown, 121A Cookes Peak, D, 121A Cookes Peak, D, J55A Hilton.

2014 JUL

Table with columns: ID, Name, Comp, Z, SNR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Rows include: J54A Appleton, K50A Casco, I58A Old Forge, I59A Olmsteadville, I62A Tamworth, I60A Shoreham, J52A Paris, I61A Oroboro, Fairl, SNA A Sanae, SNA A Sanae, SNA A Sanae, SNA A Sanae, SNA A Sanae, SNA A Sanae, KSU1 Kansas State U, I63A Otisfield, I63A Otisfield, NCB Newcomb, I57A Carthage, LBNH Lisbon, L44A Lake County Fo, Y22D IRIS PASCALLI, I53A K Kortright Cn E, H58A Gabriels, H61A Lyndora, I51A Listowel, I55A Frankford, H62A Milan, H62A Milan, H60A Morristown, H57A Richville, J47A Summer, H64A Troy, H63A New Sharon, I52A Shelburne, H59A Cadysville, H65A Eastbrook, LONY Lake Ozonia, LONY Lake Ozonia, EMMW East Machias, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, H56A Elgin, H66A Woodbury, H55A Tweed, I49A Point Hope, CBKS Cedar Bluff, H53A Bobcaygeon, G63A Kingsbury, G60A Masonville, T60A Tueson, G59A Clarenceville, J45A Montaque, GGN Saint George, G62A West of Eustis, G62A West of Eustis, H52A Wyevale, G58A Ormstown, G57A Newtoning, G65A Princeton, G64A Maxfield, PKME Peaks-Kenny Pk, G61A St-Isidore-de, PLVO Plevna, SCIA State Center, SCIA State Center, G55A Calabogie, JFWS Jewell Farm, JFWS Jewell Farm, G53A Halibuton, T25A Trinidad, ORIO Orleans, Innes, I45A Fountain, F63A Nahmakanta, Br, G54A Lake Saint Pet, H47A Mio, F64A Sherman, F64A Sherman, F59A Saint Guillaume, F62A Pittston Farm, F62A Pittston Farm, F62A Pittston Farm.

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Table with columns: ID, Name, Comp, Z, SNR, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Rows include: F58A St-Lin Laurent, F61A St Evariste, F60A Warwick, 214A Organ Pipe Nat, F55A Otter Lake, I42A Draeger Farm, H45A Beulah, F52A Sundridge, ALGO Algonquin Park, G47A Hillmied, KSCO Kaye Sheddock, E60A Ste Agathe de, H43A Windstep, Lx, E58A La Victoria, E61A Lac Etchemin, E63A Oxbow, E63A Oxbow, E64A Bridgewater, E57A Chemin Saint G, F51A Arnstein, G45A Suttons Bay, I40A Norwalk, SDCO Great Sand Dun, SDCO Great Sand Dun, E62A Clayton Lake, E62A Clayton Lake, F49A Sandfield, BGNE Belgrade, G46A Petoskey, W18A Petrified Fore, W18A Petrified Fore, E56A St. Veronique, PQI Presque Isle, E53A Dumoine, Ponti, E52A Matwa, E54A Lac Duplat, Po, F48A Evansville, D60A Saint Jean D'O, D59A Saint-Raymond, E51A G1948 Merrick, X16A Lo Mia Camp, P, D63A Stockholm, D62A Allapoint, All, E50A Walpole, D57A Chemin Vers le, F45A CMU Biological, D58A Chemin du LacG, D56A ZEC Mazanza, M, D55A Saint-Anne-du, D61A St Aubert, Com, S22A 4UR Ranch, Cre, E48A Lockeyer, D52A ZEK Kipawa Sen, D54A Lac Fusel, La, D53A Lac Vacive, Po, D53A Lac Vacive, Po, Q24A Divide, E47A Iron Bridge, D51A Lot 18 Range I, M50C Mesa Verde, M50C Mesa Verde, D50A G1974 Best Tow, WUAZ Wupatki, D48A Paudsa Towshi, D49A Beulah Townshi, GLA Giam, D46A Sault St. Mari, D47A Chapleau, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, ISCO Idaho Springs, Y12C Blythe, PV01 Paradox Valley, SPMN Marine on St., VLQD Val d'Or, PDMC Parker Dam, Lak, PV02 Paradox Valley, PV13 Radium Mtn., IKP In-Ko-Pah, Jac, SWSC Sam W. Stewart, NVL N Vazarevskaya, NVL N Vazarevskaya.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries for BATI, SOEI, THN, IRK, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries for comp=2380nm,20.6s, Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries for DALY, DALY, DALY, etc.

13d 22:01:13.0s.0.4.0.6GS:102°50W,h0km,mb3.6/4, mb1.4/1.4,mb1mx3.7/37,mbtmp3.6/4,MS4.3/15, Ms1.4/3.15,ms1mx4.2/21,Error ellipse: s-maj=259.3km s-min=66.4km az=98.0

GCMT 13 22:01:14.6s.0.4.3.98S:0°02'103.76W±0.02, h21km±1km, MV5.0/104, Moment Tensor Solution. s29,c36; s104,c137; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mn=0.63±.15; Mw=1.29±.12; Mw±0.65±.14; Mw1.62±.26; Mw3.11±.11; Mw1.79±.27; Best double couple: Mw4.02400±10¹⁶; NP1±14.00000; 365.00000; 1-159.00000; NP2±274.00000; 871.00000; 1-27.00000; Principal axes: T 3.5930, P1g4.0000, Azm325.0000; N 0.8630, P1g57.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 13 22:01:14.6s.1.6.3.4.2S:0°2'103.67W±0.1, h10km±2km, mb4.5/46 Error ellipse: s-maj=31.9km s-min=6.4km az=210.0

ISC 13 22:01:15.6s.1.6.4.1S:0°2'103.47W±0.2, h10km±n65, ±0.70/35, mb4.5/25, MS4.2/18, Central East Pacific Rise

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
CMIG	Matias Romero	22.64	22 LR	LR	22	13	02.19	
JTS	Las Juntas de	23.25	52 LR	LR	22	13	00.3	
RPN	Rapa Nui	23.63	193 LR	LR	22	13	10.6	
TEIG	Tepeich	23.84	31 LR	LR	22	16	54.6	
LPIG	La Paz	28.80	347 LR	LR	22	15	40.1	
ROSC	El Rosal	30.36	73 LR	LR	22	16	50.5	
TXAR	Lajitas Array	32.21	360 P	P	22	07	51.7 -1.3	
TXAR	Santo Domingo	35.10	68 P	P	22	08	10.9 +1.2	
SDV	Cornudas Mount	35.20	357 IAMB	IAMB	22	08	13.8 +0.1	
MNTX	Minye Minye	36.22	117 P	P	22	08	18.8 -0.7	
PNB11	IPOC Station P	36.39	118 IAMB	IAMB	22	08	20.4 -0.3	
ABTX	Ahliene, Hawle	36.66	5 P	P	22	08	22.6 -0.1	
LPAZ	La Paz	36.69	112 LR	LR	22	20	47.5	
TAOE	Nuku Hiva Isla	36.82	261 eLR	LR	22	18	06.8	
H03N2	Juan Fernandez	37.09	145 T	T	22	48	20.2	
H03N1	Juan Fernandez	37.09	145 T	T	22	48	24.4	
H03N3	Juan Fernandez	37.09	145 T	T	22	48	12.7	
BAUV	El Baul	37.53	70 P	P	22	08	30.4 +0.1	
W35A	Mount Ida	39.49	8 P	P	22	08	46.6 +0.2	
MIAR	Magazine	40.08	12 P	P	22	08	52.3 +0.9	
W39A	Goldstone, Bar	41.14	343 P	P	22	08	59.7 -0.5	
GSC	Mesa Verde	41.14	345 P	P	22	09	02.3 +0.3	
MVCO	Picklack Lake	41.42	19 P	P	22	09	02.2 -0.2	
PLAL	Lake Charles	41.53	15 P	P	22	09	02.0 -1.3	
LCAR	4UR Ranch, Cre	41.72	356 P	P	22	09	04.7 -0.5	
S22A	Sheep Range	41.83	346 P	P	22	09	05.3 -0.7	
SHPR	Poplar Bluff	42.39	15 P	P	22	09	10.2 -0.1	
PBMO	Van Buren	42.46	15 P	P	22	09	11.1 +0.2	
T42A	Smith Blowers	42.53	20 IAMB	IAMB	22	09	18.7	
W48A	Waverly	42.55	19 P	P	22	09	11.9 +0.3	
S39A	Bolivar	42.58	12 P	P	22	09	12.0 +0.2	
S39A	Coronel Fontan	42.89	134 LR	LR	22	22	56.9	
CFA	Maddies Statio	43.38	13 P	P	22	09	19.1 +0.7	
R40A	Cathedral Cave	43.40	14 IAMB	IAMB	22	09	18.2 -0.2	
CCM	Hardware Ranch	46.06	351 P	P	22	09	38.8 -1.1	
OCM	Paso Flores	46.95	146 LR	LR	22	24	43.2	
R11A	Boulder Array	46.95	354 P	P	22	09	46.2 -0.8	
ISCO	Pinedale Array	46.95	354 P	P	22	09	45.8 -1.1	
V53A	Pinedale Array	46.95	354 P	P	22	09	53.3	
NVAR	Mina Array Bea	44.48	343 P	P	22	09	28.5 +1.0	
V55A	Taylorville	44.81	26 IAMB	IAMB	22	09	40.0	
HWUT	Hardware Ranch	46.06	351 P	P	22	09	38.8 -1.1	
PLCA	Paso Flores	46.95	146 LR	LR	22	24	43.2	
BW06	Boulder Array	46.95	354 P	P	22	09	46.2 -0.8	
PD31	Pinedale Array	46.95	354 P	P	22	09	45.8 -1.1	
PD31	Pinedale Array	46.95	354 P	P	22	09	53.3	
PDAR	Pinedale Array	46.95	354 P	P	22	09	46.8 -0.2	
PPT	Papeete1	47.17	250 LR	LR	22	24	02.2	
PPT2	Papeete2	47.17	250 eLR	LR	22	24	54.0	
FKWY	Fox Creek	47.98	353 P	P	22	09	54.1 -0.8	
IMW	Indian Meadow	48.22	353 P	P	22	09	56.5 -0.4	
TBI	Tubuai	48.41	242 eLR	LR	22	23	33.2	
HLID	Haley	48.44	349 P	P	22	09	58.6 +0.1	
RLMT	Red Lodge	49.25	355 IAMB	IAMB	22	10	11.5	
CPUP	Villa Florida	49.29	122 LR	LR	22	27	40.7	
I07A	Ize	50.07	345 P	P	22	10	10.4 -0.5	
ULM	Lac du Bonnet	54.48	6 LR	LR	22	32	56.4	
SCHO	Schefferville	66.03	22 LR	LR	22	39	56.2	
ILAR	Eielson Array	71.73	342 P	P	22	13	01.8 +0.6	
H1N13	WAKE ISLAND HY	91.09	290 T	T	23	54	48.7	
H1N12	WAKE ISLAND HY	91.09	290 T	T	23	54	49.8	
H1N11	WAKE ISLAND HY	91.09	290 T	T	23	54	49.1	
H1S12	WAKE ISLAND HY	91.18	288 T	T	23	55	02.8	
H1S11	WAKE ISLAND HY	91.18	288 T	T	23	54	57.8	
H1S13	WAKE ISLAND HY	91.20	288 T	T	23	54	58.6	
ESDC	Sonsea Array	99.84	51 LR	LR	22	52	30.5	
CMAR	Chiang Mai Arr	153.90	305 PKPbc	PKPbc	22	21	16.9 +0.4	

13d 22:02:03.2s.1.0.36°82N:142°46E,h0km,mb3.6/3, mb1.3/8/10,mb1mx3.6/46,mbtmp3.7/10,ML3.5/3, Error ellipse: s-maj=23.8km s-min=18.3km az=102.0

JMA 13 22:12:03.9s.0.2.36°87N:142°43E,h25km, M3.9

NEIC 13 22:12:03.6s.1.7.36°89N:0°09'142.6E±0.1, h10km±1km, mb4.2/11, Error ellipse: s-maj=18.2km s-min=12.0km az=130.0

ISC 13 22:12:03.9s.0.8.36°91N:0°05'142.41E±0.06, h9km±n45, ±1920/55, mb3.9/14, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
ONAJ	Iwakimizuishi	1.30	279 P	P	22	12	27.3 -1.1	
ONAJ	Kawauchi	1.31	291 P	P	22	12	44.1 -1.1	
JFK	Minamiosumato	1.46	304 P	P	22	12	47.0 -0.9	
JMST	Minamiosumato	1.46	304 P	P	22	12	48.0 -1.6	
JMST	Fukushimafurud	1.49	278 P	P	22	12	48.4 -1.3	
JFFD	Hitachi	1.50	259 P	P	22	12	29.9 -1.7	
JFFD	Marumori	1.50	259 P	P	22	12	29.9 -1.2	
JMM	Ouri	1.60	307 eS	S	22	12	31.8 -0.6	
JFT	Otama	1.76	291 P	P	22	12	34.4 -0.2	
JOU	Okura	2.01	317 P	P	22	12	56.3 -0.8	
JOK	Ichinoseki	2.25	336 P	P	22	12	33.9 +0.7	
JAG	Ashikaga	2.42	259 P	P	22	12	38.3 +0.3	
JYK	Kaneyama	2.58	321 P	P	22	12	43.7 0.0	
JOM	Ohasama	2.71	342 P	P	22	13	13.4 -0.1	
MJAR	Matsushiro Arr	3.39	265 Pn	Pn	22	12	40.0 +0.4	
MJAR	Matsushiro	3.39	265 Pn	Pn	22	12	57.6 +0.6	
MAJO	Matsushiro	3.39	265 Pn	Pn	22	13	45.0 +3.0	
MAJO	Matsushiro	3.39	265 Pn	Pn	22	12	59.0 +1.9	
MAT	Matsushiro	3.39	265 P	P	22	13	38.7 +1.2	
MAT	Matsushiro	3.39	265 P	P	22	12	57.7 +0.6	
MJB9	Matsu-Tunnel	3.40	265 P	P	22	13	37.8 +0.3	
MJB9	Matsu-Tunnel	3.40	265 P	P	22	12	59.2 +2.1	
MJB9	Matsu-Tunnel	3.40	265 P	P	22	13	38.3 +0.8	
JHJ	Hachiojima 2	4.35	210 Sn	Sn	22	13	10.0 -2.0	
JHJ	Hachiojima 2	4.35	210 Sn	Sn	22	13	59.0 -0.2	
INU	Inuyama	4.63	252 Pn	Pn	22	13	15.6 +1.5	
INU	Inuyama	4.63	252 Pn	Pn	22	14	09.0 +2.0	
ASAJ	Asahikawa	7.20	1 Pn	Pn	22	13	50.9 +1.5	
ASAJ	Asahikawa	7.20	1 Pn	Pn	22	13	50.9 +1.5	
AJA	Asahikawa	7.20	1 Pn	Pn	22	15	10.0 -1.3	
AJA	Kamikawa-asahi	7.20	1 Sn	Sn	22	13	49.8 +0.4	
H1N12	WAKE ISLAND HY	27.40	122 T	T	22	46	55.5	
H1N11	WAKE ISLAND HY	27.41	122 T	T	22	46	42.6	
H1N13	WAKE ISLAND HY	27.42	122 T	T	22	46	50.2	
H1S11	WAKE ISLAND HY	28.13	124 T	T	22	47	41.7	
H1S13	WAKE ISLAND HY	28.124 T	T	22	47	46.7		
H1S12	WAKE ISLAND HY	28.124 T	T	22	47	45.5		
SONM	Songino Array	28.52	304 P	P	22	18	01.1 +1.4	
ZAA0	Zalesovo Array	42.59	312 P	P	22	19	59.7 -0.3	
ZAA0	Zalesovo Array	42.59	312 P	P	22	20	02.5	
ZALV	Zalesovo Beam	42.59	312 P	P	22	20	02.1 +2.1	
LSA	Lhasa	43.01	276 P	P	22	20	04.3 0.0	
LSA	Lhasa	43.01	276 P	P	22	20	08.8	
MK31	Makanchi Array	44.86	302 P	P	22	20	19.0 +0.5	
MKAR	Makanchi Array	44.86	302 P	P	22	20	18.8 +0.3	
MAKZ	Makanchi	45.07	302 IAMB	IAMB	22	20	20.6 +0.5	
MAKZ	Makanchi	45.07	302 IAMB	IAMB	22	20	30.3	
PMG	Port Moresby	46.28	174 P	P	22	20	29.0 -0.9	
KURK	Kurchatov	46.64	308 P	P	22	20	32.5 +0.1	
KURK	Kurchatov	46.64	308 P	P	22	20	50.5 +0.1	
IL31	Warramunga Arr	49.18	32 P	P	22	20	51.0 -0.8	
IL31	Warramunga Arr	49.18	32 P	P	22	21	02.9	
ILAR	Eielson Array	49.18	32 P	P	22	20	52.6 +0.7	
WB0	Warramunga Arr	56.87	189 P	P	22	21	49.0 0.0	
FITZ	Fitzroy Crossi	56.95	199 P	P	22	21	47.8 -1.8	
WR0	Warramunga Arr	57.04	189 P	P	22	21	48.9 -1.4	
WR0	Warramunga Arr	57.04	189 P	P	22	22	00.8	
WB2	Warramunga Arr	57.05	189 P	P	22	21	50.3 0.0	
WB2	Warramunga Arr	57.05	189 P	P	22	22	03.3	
WRA	Warramunga Arr	57.05	189 P	P	22	21	50.5 +0.1	
ASAR	Alice Springs	60.78	189 P	P	22	22	16.4 +0.2	
PDAR	Pinedale Array	77.19	46 P					

WMLT	Mailiao	0.80 261	eP	Pb	01 39 59.0 +0.1
WMLT	baz=259		eS	Sn	01 40 10.9 -0.5
WTP	Ta-pu	0.81 212	iP	Pb	01 39 59.1 0.0
WTP	baz=211		eS	Sg	01 40 11.1 +0.8
ENTT	Nicudou	0.82 32	iiP	Pb	01 39 59.4 +0.1
ENTT	baz=30		eS	Sg	01 40 11.3 +0.7
STYT	Tauyuan	0.83 202	iiP	Pb	01 39 59.7 +0.3
STYT	baz=208		S	Sg	01 40 10.8 +0.1
WSF	Szhu	0.85 250	P	Pb	01 39 59.6 -0.1
WSF	baz=248		eS	Sg	01 40 11.8 +0.5
WLBG	Puzi	0.85 238	eP	Pb	01 39 58.2 -1.6
WLBG	baz=236		eS	Sn	01 40 12.8 +0.1
SBCB	Hsinchu	0.86 354	eP	Pn	01 40 00.8 +0.1
SBCB	baz=356		eS	Sn	01 40 14.3 +1.6
TKW	Hsinying	0.86 220	iP	Pb	01 40 00.0 0.0
TKW	baz=217		eS	Sg	01 40 12.5 +0.6
HSN	Hsinchu	0.87 353	eP	Pn	01 40 02.1 +1.3
HSN	baz=358		eS	Sn	01 40 14.7 +1.8
CHKT	Chengkung	0.87 163	eP	Pg	01 40 00.8 +0.3
CHKT	baz=146		eS	Pb	01 40 00.7 +0.1
SNST	Tainan City	0.90 217	eP	Pb	01 40 00.0 0.0
SNST	baz=216		eS	Sn	01 40 13.5 -0.2
CHN1	Nanshi	0.91 215	eP	Pb	01 40 00.9 +0.2
CHN1	baz=213		eS	Sn	01 40 13.9 -0.2
NWLT	Wulai	0.92 24	eP	Pb	01 40 00.8 -0.1
NWLT	baz=28		eS	Sg	01 40 14.2 +0.7
WLTB	Daxi	0.92 9	eP	Pn	01 40 01.9 +0.3
WLTB	baz=18		eS	Sg	01 40 14.2 +0.5
TWE	Neicheng	0.94 34	P	Pn	01 40 01.9 +0.1
TWE	baz=38		eS	Sg	01 40 14.9 +0.6
SGST	Jiashian	0.97 209	P	Pb	01 40 01.7 -0.1
SGST	baz=207		eS	Sg	01 40 15.4 +0.2
CHN8	Yiju	1.00 234	eP	Pb	01 40 02.5 +0.3
CHN8	baz=232		eS	Sn	01 40 17.4 +1.2
SLGT	Luigu	1.02 203	eP	Pn	01 40 03.3 +0.3
SLGT	baz=215		eS	Sn	01 40 17.4 +0.6
NCUH	Zhongji	1.03 5	eP	Pg	01 40 04.9 +1.4
NCUH	baz=8.0		eS	Sg	01 40 19.3 +2.3
NCU	National Centr	1.03 5	eP	Pb	01 40 03.1 +0.3
NCU	baz=8.0		eS	Pb	01 40 03.4 -0.3
CHN3	Shinhu	1.08 218	eP	Pb	01 40 03.4 -0.3
CHN3	baz=216		eS	Sg	01 40 21.3 +2.6
NHDH	Xindian Distri	1.10 21	eP	Pg	01 40 05.0 +0.2
NHDH	baz=29		eS	Sg	01 40 20.8 +1.6
TATO	Taipei	1.10 19	eP	Pg	01 40 05.2 +0.4
TATO	baz=26		eS	Sg	01 40 20.2 +1.0
TATO	Taipei	1.10 19	eP	Pg	01 40 05.2 +0.4
TATG	Piulang	1.11 181	eP	Pb	01 40 04.7 +0.5
TATG	baz=173		eS	Sn	01 40 19.3 +0.2
TATG	Piulang	1.11 181	eP	Pn	01 40 04.0 -0.1
TATG	baz=173		eS	Pb	01 40 04.7 +0.4
TWGBT	Beinan	1.11 180	P	Sn	01 40 19.4 +0.3
TWGBT	baz=173		eS	Pb	01 40 04.7 +0.4
SCLT	Jiali	1.12 227	eP	Pb	01 40 04.3 +0.4
SCLT	baz=225		eS	Sg	01 40 21.3 +1.5
NTC	Toucheng	1.14 36	eP	Pb	01 40 05.1 +0.5
NTC	baz=40		eS	Sn	01 40 19.9 +0.3
TAP	Taipei	1.16 19	eP	Pg	01 40 06.4 +0.4
TAP	baz=24		eS	Sg	01 40 22.0 +0.7
TTN	Taitung	1.18 177	eP	Pg	01 40 06.1 -0.3
TTN	baz=177		eS	Pg	01 40 06.4 -0.1
EGS	baz=53	1.19 40	eP	Pg	01 40 06.9 +0.3
TWS1	Kuangyinshan	1.20 14	eP	Pg	01 40 06.9 +0.3
TWS1	baz=18		eS	Pb	01 40 23.8 +1.4
TIPB	Shuangxi	1.23 33	eP	Pb	01 40 07.0 +0.7
TIPB	baz=37		eS	Sn	01 40 23.0 +1.0
SSD	Sandimen	1.26 200	eP	Pb	01 40 07.1 +0.4
SSD	baz=199		eS	Sg	01 40 26.0 +1.7
NTST	Danshui	1.27 15	eP	Pb	01 40 07.5 +0.7
NTST	baz=18		eS	Pg	01 40 09.1 +1.1
TWM1	Shoushan	1.27 209	eP	Pg	01 40 07.1 +1.1
TWM1	baz=208		eS	Pb	01 40 07.1 +0.1
YM04	YM04	1.28 19	eP	Pb	01 40 07.1 +0.1
YM01	YM01	1.28 20	eP	Pn	01 40 06.4 -0.1
YM01	baz=24		eS	Sg	01 40 25.1 0.0
YM10	YM10	1.29 19	eP	Pb	01 40 07.6 +0.4
YM10	baz=7.0		eS	Sg	01 40 25.0 -0.3
NWF	Wu-fen Shan	1.29 29	P	Pg	01 40 08.9 +0.4
NWF	baz=33		eS	Sg	01 40 25.1 -0.3
WFSB	Wu-fen Shan	1.29 29	P	Pg	01 40 08.3 -0.2
WFSB	baz=33		eS	Sg	01 40 25.1 -0.3
YM05	YM05	1.30 20	eP	Pb	01 40 07.8 +0.4
YM05	baz=8.0		eS	Sb	01 40 24.8 +1.0
YM11	YM11	1.30 20	eP	Pb	01 40 08.2 +0.7
YM11	baz=8.0		eS	Pn	01 40 07.4 +0.5
YM03	YM03	1.30 18	eP	Pb	01 40 07.4 +0.5
YM03	baz=7.0		eS	Sg	01 40 25.2 -0.5
ANP	Anpu	1.30 17	eP	Pn	01 40 07.4 +0.5
ANP	baz=20		eS	Pg	01 40 10.7 +1.6
SGLT	Jiouru	1.33 205	eP	Pg	01 40 08.0 +0.1
SGLT	baz=217		eS	Sb	01 40 25.2 +0.7
YM08	YM08	1.33 20	eP	Pb	01 40 08.0 +0.1
YM08	baz=24		eS	Sb	01 40 25.2 +0.7
YM08	baz=24		eS	Sb	01 40 25.2 +0.7
ECL	Taimali	1.34 185	eP	Pb	01 40 08.9 +0.8
ECL	baz=172		eS	Sg	01 40 26.4 -0.5

ECL	baz=172		eS	Sg	01 40 26.4 -0.5
TWB1	Santiao Chiao	1.34 37	eP	Pg	01 40 09.2 -0.3
TWB1	baz=42		eS	Sg	01 40 27.1 +0.1
SNJT	Kaohsiung City	1.37 211	eP	Pg	01 40 10.4 +0.5
SNJT	baz=210		eS	Pb	01 40 29.4 +1.6
MASBT	Masbut	1.38 198	eP	Pb	01 40 08.8 -0.1
MASBT	baz=198		eS	Sb	01 40 27.3 +1.1
PHUB	Peng-hu	1.45 253	P	Pn	01 40 08.6 -0.2
PHUB	baz=250		eS	Sn	01 40 27.2 -0.2
PNG	Penghu	1.45 256	eP	Pn	01 40 08.5 -0.3
PNG	baz=253		eS	Sn	01 40 27.2 -0.2
WDGT	Dunqiji	1.47 243	P	Pn	01 40 09.1 -0.1
WDGT	baz=230		eS	Sb	01 40 28.9 +0.2
SSPT	Xinbi	1.52 198	eP	Pb	01 40 11.5 +0.3
SSPT	baz=199		eS	Sg	01 40 32.1 -0.6
EAST	Anshuo	1.56 188	P	Pb	01 40 11.8 -0.1
EAST	baz=188		eS	Sg	01 40 33.6 -0.5
TAW	Tawu	1.58 186	eP	Pn	01 40 11.4 +0.8
TAW	baz=177		eS	Pn	01 40 12.0 +0.9
SCZT	Fangliu	1.62 196	eP	Pn	01 40 12.0 +0.9
SCZT	baz=211		eS	Sb	01 40 33.4 +0.6
VCHM	Qimz	1.69 245	eP	Pn	01 40 11.7 -0.3
VCHM	baz=234		eS	Sn	01 40 33.4 +0.3
WLCH	Lingji	1.71 203	eP	Pn	01 40 14.4 0.0
WLCH	baz=205		eS	Pn	01 40 13.9 +0.7
JYNG	Yonagunijimaku	1.77 73	P	Pn	01 40 35.8 +0.5
JYNG	baz=73		eS	Sn	01 40 13.3 -0.6
YWUC	YWUC	1.82 305	eP	Pn	01 40 14.8 +0.8
YWUC	baz=304		eS	Pn	01 40 14.7 +0.6
YOJ	Yonaguni jima	1.83 73	eP	Pn	01 40 14.5 +0.5
YOJ	baz=73		eS	Pb	01 40 17.4 -0.3
YOJ	Yonaguni jima	1.83 73	P	Pn	01 40 15.5 -0.1
YOJ	baz=73		eS	Pn	01 40 14.8 -1.0
PCYT	Pengchayiu	1.91 28	eP	Pb	01 40 17.4 -0.3
PCYT	baz=1		eS	Pn	01 40 15.5 -0.1
LAY	Lan-yu	1.94 167	eP	Pn	01 40 15.5 -0.1
LAY	baz=156		eS	Pn	01 40 14.8 -1.0
PTTC	Pingtang	1.96 323	eP	Pn	01 40 17.4 +1.0
PTTC	baz=322		eS	Pn	01 40 17.3 +0.8
TWK1	Hengchung	2.00 188	eP	Pn	01 40 20.2 +0.3
TWK1	baz=205		eS	Pn	01 40 16.4 -1.3
TSEB	Hengchuen, Pin	2.04 185	eP	Pb	01 40 21.4 -1.0
TSEB	baz=180		eS	Pn	01 40 23.2 +0.7
PTMZ	Houxiangcun	2.10 302	eP	Pn	01 40 23.7 +0.8
PTMZ	baz=300		eS	Pn	01 40 23.8 -0.2
MATB	Matsu	2.44 335	eP	Pn	01 40 23.8 -0.2
MATB	baz=335		eS	Sn	01 40 51.3 -1.6
IRIF	Iriomote-Funau	2.45 80	P	Sn	01 40 23.7 +0.6
IRIF	baz=80		eS	Pn	01 40 22.9 -0.6
KNH	Kimnen	2.47 282	eP	Pn	01 40 22.9 -0.6
KNH	baz=282		eS	Pn	01 40 22.9 -0.6
QZH	Quanzhou	2.48 294	Pn	Pn	01 40 22.9 -0.6
QZH	baz=294		Sm	Sm	01 40 22.9 -0.6
QZH	comp=N,290nm,0.3s		smax	smax	01 40 22.9 -0.6
HATJ	Hateruma jima	2.49 87	P	Pn	01 40 22.9 -0.6
HATJ	baz=87		eS	Pn	01 40 22.9 -0.6
KNMB	Chin-men Tao	2.52 283	eP	Pn	01 40 22.9 -0.6
KNMB	baz=283		eS	Pn	01 40 22.9 -0.6
JKRS	Kuro-shima	2.59 83	P	Pn	01 40 22.9 -0.6
JKRS	baz=83		eS	Pn	01 40 22.9 -0.6
JJI	Ishigaki jima	2.82 81	P	Pn	01 40 22.9 -0.6
JJI	baz=81		eS	Pn	01 41 01.6 +0.3
IMZQ	Yeshan	2.85 320	eP	Pn	01 41 01.9 -0.2
IMZQ	baz=318		eS	Pn	01 40 27.1 -1.2
LYJJ	Jianjiangzhen	2.87 335	eP	Pn	01 40 27.1 -1.2
LYJJ	baz=336		eS	Pn	01 40 29.8 -0.3
AXDP	Jialing	3.00 289	eP	Pn	01 40 30.7 +0.4
AXDP	baz=289		eS	Pn	01 41 07.0 +1.1
JISG	Ishigakijimahi	3.01 77	P	Pn	01 40 30.5 -0.4
JISG	baz=77		eS	Pn	01 40 30.5 -0.4
ZPLA	Ao Xicun	3.05 271	eP	Pn	01 40 30.5 -0.9
ZPLA	baz=271		eS	Pn	01 41 26.5 -0.1
XPSS	Dashiqi	3.09 345	eP	Pn	01 41 26.5 -0.6
XPSS	baz=346		eS	Pn	01 43 11.5 +0.7
JOW	Kunigami	7.11 65	Pn	Pn	01 49 14.3
JOW	comp=E,0.3nm,0.3s,baz=65,slow=14,SNR=8.2		Pn	Pn	01 41 26.0 -0.6
INCN	Inchon	14.31 18	P	Pn	01 43 11.5 +0.7
INCN	baz=18		Pn	Pn	01 43 11.5 +0.7
KSRK	Korea Array	14.69 22	Pn	Pn	01 43 11.5 +0.7
KSRK	comp=E,0.2nm,0.3s,baz=199,slow=11,SNR=1.2		LR	LR	01 49 14.3
KMI	Kunming	16.74 278	P	P	01 43 40.6 +1.0
KMI	baz=278		P	P	01 45 20.7 +0.3
SOMN	Songino Array	26.56 338	P	P	01 45 20.7 +0.3
SOMN	comp=E,0.7nm,0.7s,baz=166,slow=11,SNR=3.7		LR	LR	01 57 31.0
KLR	Kulur	26.60 16	P	LR	01 57 31.0
KLR	comp=E,0.34nm,18.0s,baz=196,slow=40		P	P	01 47 05.5 +1.3
MK31	Makanchi Array	38.45 316	P	Iamb	01 47 06.0
MK31	baz=316		Iamb	Iamb	01 47 05.2 +0.9
MKAR	Makanchi Array	38.45 316	P	P	01 47 05.2 +0.9
MKAR	comp=Z,1.6nm,0.6s,baz=105,slow=11,SNR=10		P	P	01 47 07.2 +1.2
MAKZ	Makanchi	38.66 316	P	P	01 47 07.2 +1.2
MAKZ	baz=316		Iamb	Iamb	01 47 21.6
ZALV	Zalovo Beam	40.40 327	P	P	01 47 20.5 +0.1
ZALV	comp=Z,0.9nm,0.4s,baz=92,slow=12,SNR=4.1		P	P	01 47 35.4 -0.1
KURBB	Kurchatov Arra	42.24 320	P	P	01 47 35.4 -0.1
KURBB	comp=Z,0.3nm,0.7s,baz=110,slow=8.0,SNR=3.3		P	P	01 47 58.9 -1.8
WBO	Warramunga Arr	45.34 162	P	Iamb	01 48 01.4
WBO	comp=Z,1.4nm,1.5s		Iamb	Iamb	01 47 58.8 -3.1
WRA	Warramunga Arr	45.49 162	P	P	01 48 00.3 -1.6
WRA	comp=Z,0.5nm,0.8s,baz=343,slow=9.2,SNR=5.7		P	P	01 48 04.5
WB2	Warramunga Arr	45.49 162	P	P	01 48 04.5
WB2	comp=Z,3.5nm,1.1s		Iamb	Iamb	01 48 02.4 +0.2
KK31	Karatay Array	45.55 308	P	P	01 48 02.7 +0.5
KKAR	Karatay Array	45.55 308	P	P	01 48 18.6
KKAR					

RRL	Rocca Remolon	0.40	11	P	Pg	03 09 33.4	-0.1
RRL	Rocca Remolon	0.40	11	P	Sg	03 09 39.7	+0.8
RRL	Rocca Remolon	0.40	11	P	Pg	03 09 33.4	-0.1
RRL	Rocca Remolon	0.40	11	P	Sg	03 09 39.5	+0.6
RRL	comp=E,10330um,0.1s			AML	AML		
DOI	San Damiano	0.40	93	P	Pg	03 09 33.0	-0.6
DOI	San Damiano	0.40	93	P	Sg	03 09 38.9	-0.1
DOI	comp=N,5350um,0.3s			AML	AML		
ISO	Isola	0.43	143	Pg	Pg	03 09 32.8	-1.3
OGDI	Digne	0.50	214	Pg	Pg	03 09 35.8	+0.4
BHB	Bricherasio	0.52	53	P	Pg	03 09 42.9	+0.8
BHB	Bricherasio	0.52	53	P	Sg	03 09 35.3	-0.3
BHB	Bricherasio	0.52	53	P	Sg	03 09 42.4	-0.1
BHB	Bricherasio	0.52	53	P	Sg	03 09 35.3	-0.3
BHB	Bricherasio	0.52	53	P	Sg	03 09 42.4	-0.1
BHB	comp=N,8090um,0.3s			AML	AML		
BNI	Bardonecchia	0.52	359	P	Pg	03 09 35.5	-0.3
BNI	Bardonecchia	0.52	359	P	Sg	03 09 43.2	+0.4
BNI	comp=E,1745um,0.2s			AML	AML		
BNI	comp=N,1310um,0.3s			AML	AML		
BNI	comp=E,2270um,0.2s			AML	AML		
BNI	comp=N,1605um,0.3s			AML	AML		
BNI	comp=E,1750um,0.2s			AML	AML		
BNI	Bardonecchia	0.52	359	Pg	Pg	03 09 35.5	-0.3
BNI	Bardonecchia	0.52	359	Pg	Sg	03 09 42.9	+0.1
BNI	Sant Anna di V	0.54	122	P	Pg	03 09 35.2	-0.9
BNI	Sant Anna di V	0.54	122	P	Sg	03 09 42.5	-0.8
BNI	comp=N,3515um,0.3s			AML	AML		
ENR	Entracque	0.61	120	P	Pg	03 09 36.3	-1.0
ENR	Entracque	0.61	120	P	Sg	03 09 44.4	-1.0
ENR	Entracque	0.61	120	P	Pg	03 09 36.3	-1.0
ENR	comp=N,3220um,1.2s			AML	AML		
ENR	comp=E,2445um,0.4s			AML	AML		
OGMO	Fort Saint-Gou	0.68	360	Pg	Pg	03 09 38.3	-0.4
OGMO	Oris-en-Rattie	0.69	304	Pg	Pg	03 09 47.9	+0.2
ORIF	Oris-en-Rattie	0.69	304	Pg	Sg	03 09 38.0	-1.0
ORIF	Oris-en-Rattie	0.69	304	Pg	Sg	03 09 47.7	-0.4
ORIF	Oris-en-Rattie	0.69	304	P	Pg	03 09 38.1	-0.9
ORIF	Oris-en-Rattie	0.69	304	P	Sg	03 09 47.9	-0.2
ORIF	Oris-en-Rattie	0.69	304	P	Pg	03 09 38.1	-0.9
ORIF	Oris-en-Rattie	0.69	304	P	Sg	03 09 47.5	-0.6
BLAF	les Blancs	0.74	219	Pg	Pg	03 09 39.2	-0.6
RSP	Reno Superiore	0.74	33	P	Pg	03 09 49.5	0.0
RSP	Reno Superiore	0.74	33	P	Sg	03 09 39.9	-0.1
RSP	Reno Superiore	0.74	33	P	Sg	03 09 50.0	+0.3
RSP	Reno Superiore	0.74	33	P	Sg	03 09 39.8	-0.1
RSP	Reno Superiore	0.74	33	P	Sg	03 09 49.8	+0.1
RSP	comp=N,4215um,0.2s			AML	AML		
RSP	comp=E,4535um,1.1s			AML	AML		
RSP	comp=E,4465um,1.1s			AML	AML		
RSP	comp=N,4740um,0.1s			AML	AML		
RSP	comp=N,4210um,0.2s			AML	AML		
TURF	col de Turini	0.75	137	Pg	Pg	03 09 39.0	-1.1
TURF	col de Turini	0.75	137	Pg	Sg	03 09 48.7	-1.2
GDM	Grand'Maison	0.79	329	Pg	Pg	03 09 40.2	-0.5
GDM	Grand'Maison	0.79	329	Pg	Sg	03 09 50.7	-0.4
CALF	Calern	0.80	168	Pg	Pg	03 09 40.0	-0.9
SAOF	Saorge	0.83	131	Pg	Pg	03 09 50.2	-1.1
SAOF	Saorge	0.83	131	P	Sg	03 09 40.5	-1.0
SAOF	Saorge	0.83	131	P	Sg	03 09 50.6	-1.7
SAOF	comp=N,2210um,0.5s			AML	AML		
SAOF	Saorge	0.83	131	Pg	Pg	03 09 40.4	-1.0
SAOF	Saorge	0.83	131	Pg	Sg	03 09 50.5	-1.8
MLFY	Mely	0.85	231	Pg	Pg	03 09 41.4	+0.6
SBF	Sospel	0.86	141	Pg	Pg	03 09 43.7	+1.5
SBF	Sospel	0.86	141	Pg	Sg	03 09 40.9	-1.1
SBF	Sospel	0.86	141	Pg	Sg	03 09 53.3	0.0
SBF	comp=N,2um,0.4s			AML	AML		
GBOS	Grotte di Boss	0.88	109	P	Pg	03 09 41.3	-1.1
GBOS	Grotte di Boss	0.88	109	P	Sg	03 09 52.6	-1.3
GBOS	Grotte di Boss	0.88	109	P	Pg	03 09 41.3	-1.1
GBOS	Grotte di Boss	0.88	109	P	Sg	03 09 52.7	-1.3
GBOS	comp=E,2745um,0.4s			AML	AML		
MGRO	Montegrosso	0.94	121	P	Pg	03 09 42.4	-1.2
MGRO	Montegrosso	0.94	121	P	Sg	03 09 55.3	-0.7
MGRO	Montegrosso	0.94	121	P	Pg	03 09 42.5	-1.2
MGRO	Montegrosso	0.94	121	P	Sg	03 09 55.0	-0.9
MGRO	comp=E,1365um,0.6s			AML	AML		
MGRO	comp=E,1370um,0.6s			AML	AML		
MGRO	comp=N,1505um,0.6s			AML	AML		
MON	Monaco	0.96	146	Pg	Pg	03 09 43.3	-0.7
LPG	La Plagne	0.97	3	Pg	Pg	03 09 43.7	-0.5
LPG	La Plagne	0.97	3	Pg	Sb	03 09 47.7	+0.6
LPG	comp=N,505nm,0.3s			AML	AML		
SMRF	Simiane la Rot	0.97	236	Pg	Pg	03 09 43.6	-0.6
SMRF	Simiane la Rot	0.97	236	Pg	Sg	03 09 56.7	-0.2
LSD	Lago del Serru	0.98	19	P	Pg	03 09 44.1	-0.4
LSD	Lago del Serru	0.98	19	P	Sg	03 09 57.3	-0.1
LSD	Lago del Serru	0.98	19	P	Pg	03 09 43.8	-0.6
LSD	Lago del Serru	0.98	19	P	Sg	03 09 56.7	-0.6
LSD	comp=N,2795um,1.6s			AML	AML		
LSD	comp=E,3230um,0.3s			AML	AML		
LPL	La Plagne	0.99	2	Pg	Pg	03 09 44.0	-0.6
LPL	La Plagne	0.99	2	Pg	Sb	03 09 58.6	+1.1
BSTF	la Bastide-des	0.99	229	Pg	Pg	03 09 44.8	+0.2
BSTF	la Bastide-des	0.99	229	Pg	Sb	03 09 59.1	+1.7
NEGI	Seborga	1.00	133	P	Pg	03 09 43.6	-1.1
NEGI	Seborga	1.00	133	P	Sg	03 09 56.4	-1.4
NEGI	Seborga	1.00	133	P	Pg	03 09 43.7	-1.1
NEGI	Seborga	1.00	133	P	Sg	03 09 57.1	-0.7
NEGI	comp=N,2535um,0.9s			AML	AML		
NEGI	comp=E,2775um,0.3s			AML	AML		
EILF	Villa Ellenroc	1.03	162	Pg	Pg	03 09 44.4	-1.0
EILF	Villa Ellenroc	1.03	162	Pg	Sg	03 09 57.7	-1.1
MONC	Moncucco Torin	1.04	58	Pg	Pg	03 09 45.2	-0.3
MONC	Moncucco Torin	1.04	58	Pg	Sg	03 09 57.8	-1.2
MONC	Moncucco Torin	1.04	58	Pg	Sg	03 09 57.8	-1.2
MONC	comp=E,3965um,0.3s			AML	AML		
MONC	comp=N,4235um,0.3s			AML	AML		
IMI	Imperia	1.07	125	P	Pg	03 09 44.7	-1.2
IMI	Imperia	1.07	125	P	Sg	03 09 58.0	-1.9
IMI	Imperia	1.07	125	P	Pg	03 09 44.8	-1.2
IMI	Imperia	1.07	125	P	Sg	03 09 58.2	-1.7
IMI	comp=E,3620um,0.5s			AML	AML		
IMI	comp=N,4085um,1.6s			AML	AML		
RORO	Rocca Rossa	1.07	112	P	Pg	03 09 44.7	-1.5
RORO	Rocca Rossa	1.07	112	P	Sg	03 09 58.5	-1.7
RORO	Rocca Rossa	1.07	112	P	Pg	03 09 44.7	-1.5

RORO	comp=N,1134um,0.3s			AML	AML		
RORO	comp=E,1255um,1.0s			AML	AML		
ARTF	Artiges	1.14	214	Pg	Pg	03 09 46.6	-0.7
ARTF	Artiges	1.14	214	Pg	Sg	03 10 01.0	-1.1
LMR	La Moure	1.20	186	Pg	Pb	03 09 46.7	-1.3
LMR	La Moure	1.20	186	Pg	Sg	03 10 03.2	-1.0
QLNO	Quiliano	1.21	99	P	Pg	03 09 47.1	-1.5
QLNO	Quiliano	1.21	99	P	Sg	03 09 47.1	-1.5
QLNO	comp=E,458nm,0.3s			AML	AML		
QLNO	comp=E,962um,0.8s			AML	AML		
ROTM	Rocchetta Tana	1.23	74	P	Pb	03 09 47.9	-0.7
ROTM	Rocchetta Tana	1.23	74	P	Sg	03 09 47.9	-0.7
ROTM	comp=E,3615um,0.4s			AML	AML		
ROTM	comp=N,3575um,0.4s			AML	AML		
TRAV	Traversella	1.24	37	P	Pg	03 09 47.5	-1.8
TRAV	Traversella	1.24	37	P	Sg	03 10 04.3	-1.1
TRAV	Traversella	1.24	37	P	Sg	03 10 04.3	-1.1
TRAV	comp=N,1745um,0.3s			AML	AML		
TRAV	comp=E,3005um,0.2s			AML	AML		
CIRO	Champorcher	1.24	30	P	Pg	03 09 48.3	-1.1
CIRO	Champorcher	1.24	30	P	Sg	03 10 04.6	-1.0
CIRO	Champorcher	1.24	30	P	Sg	03 10 04.6	-1.0
CIRO	comp=N,1245um,1.5s			AML	AML		
MRGE	Morge	1.27	12	P	Pg	03 09 48.9	-1.0
MRGE	Morge	1.27	12	P	Sg	03 09 48.9	-1.0
MRGE	Morge	1.27	12	P	Sg	03 09 48.9	-1.0
MRGE	comp=E,876um,0.6s			AML	AML		
MRGE	comp=N,1795um,0.6s			AML	AML		
OGSM	Saint Maurice	1.29	327	Pg	Pn	03 09 49.8	+0.7
OGSM	Saint Maurice	1.29	327	Pg	Sn	03 10 07.2	+0.9
OGSM	Saint Maurice	1.29	327	Pg	Sg	03 09 49.3	-0.4
PCP	Piancastagn	1.33	89	P	Pn	03 09 49.3	-0.4
PCP	Piancastagn	1.33	89	P	Sg	03 09 49.3	-0.4
PCP	Piancastagn	1.33	89	P	Sg	03 09 49.3	-0.4
PCP	comp=N,660um,0.8s			AML	AML		
REMY	Saint-Rhymen	1.35	14	P	Pn	03 09 49.7	-0.6
REMY	Saint-Rhymen	1.35	14	P	Sg	03 09 49.7	-0.6
REMY	Saint-Rhymen	1.35	14	P	Sg	03 09 49.7	-0.6
REMY	comp=N,1485um,0.9s			AML	AML		
REMY	comp=N,1500um,0.6s			AML	AML		
REMY	comp=N,1505um,0.6s			AML	AML		
REMY	comp=N,1490um,0.9s			AML	AML		
ARB	Arbois	1.43	224	Pg	Pn	03 09 52.2	+1.2
ARB	Arbois	1.43	224	Pg	Sb	03 10 10.8	+0.9
ARB	Arbois	1.43	224	Pg	Sb	03 10 10.8	+0.9
VIVF	Saint-Julien-l	1.47	284	Pg	Pn	03 09 51.7	0.0
VIVF	Saint-Julien-l	1.47	284	Pg	Pb	03 09 53.4	+0.7
VIVF	Saint-Julien-l	1.47	284	Pg	Sb	03 10 12.2	+0.9
VIVF	comp=E,610nm,0.3s			AML	AML		
DIX	Grande Dixence	1.63	18	P	Pn	03 09 55.3	+1.2
DIX	Grande Dixence	1.63	18	P	Sg	03 09 55.3	+1.2
DIX	Grande Dixence	1.63	18	P	Sg	03 09 55.3	+1.2
DIX	comp=E,585um,1.3s			AML	AML		
DIX	comp=N,542um,0.9s			AML	AML		
SSB	Saint Sauveur	1.70	297	Pn	Pn	03 09 55.0	+0.2
SSB	Saint Sauveur	1.70	297	Pn	Pg	03 09 57.8	-0.3
SSB	Saint Sauveur	1.70	297	Pn	Sg	03 10 16.9	+0.5
SSB	Saint Sauveur	1.70	297	Pn	Pn	03 09 55.0	+0.2
SSB	Saint Sauveur	1.70	297	Pn	Sn	03 10 17.2	+0.8
SSB	Saint Sauveur	1.70	297	Pn	Pn	03 09 56.4	+0.4
SSB	Saint Sauveur	1.70	297	Pn	Pn	03 09 56.4	+0.4
MMK	Mattmark	1.77	30	P	Pn	03 09 56.4	+0.4
MMK	Mattmark	1.77	30	P	Sg	03 09 56.4	+0.4
MMK	Mattmark	1.77	30				

Table with columns: Call sign, Frequency, Mode, Power, and Name. Includes stations like ABTA, CLF, EPF, ZOU, KTD, NRCA, NORI, etc.

Table with columns: Call sign, Frequency, Mode, Power, and Name. Includes stations like ROSF, CLL, CLM, CLN, CLP, etc.

Table with columns: Call sign, Frequency, Mode, Power, and Name. Includes stations like JNU, NAK, JNU, UGA, JKA, ASAJ, etc.

NEIC 14 03:10.2:2.0, 17.79S:0.10:176.55W:0.08, h328km, 5km, mb4.4/72, Error ellipse: s-maj=14.3km s-min=1.2km az=165.0

IDC 14 03:16:22.5:2.6, 17.90S:176.68W, h343km, 25km, mb3.9/19, mb1.4, 4/20, mb1mk3.9/41, mb1mk4.6/20, Error ellipse: s-maj=15.7km s-min=10.4km az=155.0

ISC 14 03:18:22.0:4.0, 17.82S:077.176:53W:0.06, h350km, n175, s1926/179, mb4.4/52, 18C-2D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and Name. Includes stations like MSVF, NIUE, NINT, KZMT, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ZSN Zaisan, MOY Monday, TKM2 Tokmak 2, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KUR Kuril'sk, OXZ GRNR Gornyy, BTLS Baital, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BRVK Borovoye, BRVK Borovoye Severo-Kuril's, SKR Severo-Kuril's, etc.

F07A	Phinny Hill Vi	122.62	40	PKIKP	05 23 54.7 +1.3	ULM	Lac du Bonnet	132.76	24	PKP	PKPdf	05 24 12.7 +0.3	baz=353,SNR=7.7	E52A	Mattawa	141.51	11	P	PKIKP	05 24 31.1 -0.4
K04D	Chloiquin, OR	122.62	44	P	PKIKP	05 23 54.6 +0.9	ULM	comp=Z,15nm,0.8s,baz=250,slow=0.9,SNR=7.7	PKP	SKPbc	05 27 33.9 -0.4	baz=344	D61A	St Aubert, Com	141.53	2	P	PKIKP	05 24 30.9 -0.6	
HAWD	Hanford	122.66	40	PKPdf	PKIKP	05 23 55.0 +1.6	WUJZ	Wupaki	132.78	49	P	PKIKP	05 24 14.9 +0.7	I45A	Fountain	141.55	20	P	PKIKP	05 24 31.3 -0.3
J05D	Fort Rock, OR	122.75	44	P	PKIKP	05 23 55.2 +1.2	O20A	White River Cr	132.86	42	P	PKIKP	05 24 14.6 +0.2	F51A	Arnest	141.59	13	P	PKIKP	05 24 31.0 -0.6
PINE	Pine Mountain	122.76	43	PKPdf	PKIKP	05 23 55.8 +1.7	O20A	White River Cr	132.86	42	P	PKIKP	05 24 14.6 +0.2	E53A	Dumoine, Ponti	141.60	10	P	PKIKP	05 24 31.5 -0.1
M04C	Macdoel	122.85	45	P	PKIKP	05 23 55.2 +1.0	214A	Organ Pipe Nat	132.99	54	P	PKIKP	05 24 14.7 +0.1	E54A	Lac Daylat, Po	141.62	9	P	PKIKP	05 24 30.9 -0.9
NEW	Newport	123.31	37	P	PKIKP	05 23 55.6 +0.8	PV09	Paradox Valley	133.07	44	PKIKP	PKIKP	05 24 15.5 +0.6	D59A	Saint-Raymond	141.65	3	P	PKIKP	05 24 31.0 -0.7
003E	Paynes Creek	123.37	47	P	PKIKP	05 23 55.6 +0.5	PV21	Com Mtn., Par	133.15	44	PKIKP	PKPdf	05 24 15.2 +0.1	D62A	Allapoint, All	141.67	0	P	PKIKP	05 24 31.0 -0.7
I07A	Izev	123.61	42	PKIKP	PKIKP	05 23 57.4 +1.8	PV23	Carpenter Ridg	133.18	44	PKIKP	PKPdf	05 24 15.2 +0.1	H47A	Mio	141.71	18	P	PKIKP	05 24 31.8 -0.1
MOD	Mudoc Plateau	123.89	45	PKPdf	PKIKP	05 23 57.2 +1.0	RSSD	Black Hills	133.18	35	PKIKP	PKPdf	05 24 15.1 -0.6	D63A	Stockholm	141.71	359	P	PKIKP	05 24 31.9 0.0
AFDM	Forest Hills D	124.40	48	PKPdf	PKIKP	05 23 57.9 +0.7	RSSD	Black Hills	133.18	35	PKIKP	PKPdf	05 24 15.1 -0.6	E55A	Montferry-Lyto	141.78	8	P	PKIKP	05 24 31.5 -0.5
M50	Missoula	125.89	37	P	PKIKP	05 24 00.2 +0.2	SCHO	Schefferville	133.89	359	PKP	PP	05 26 42.9 -0.9	E60A	Saint Jean D'O	141.79	2	P	PKIKP	05 24 31.7 -0.3
M50	Missoula	125.89	37	PKPdf	PKIKP	05 24 00.5 +0.4	SCHO	comp=Z,17nm,0.8s,baz=28,slow=0.6,SNR=21	PP	PP	05 26 42.9 -0.9	E56A	St. Veronique	141.82	7	P	PKIKP	05 24 32.1 0.0		
SMMC	Simmler	126.25	52	P	PKIKP	05 24 02.7 +1.7	SCHO	comp=Z,13nm,1.1s,baz=20,slow=7.9,SNR=6.8	SKPbc	SKPbc	05 27 37.0 -1.0	F52A	Sundridge	141.84	12	P	PKIKP	05 24 32.2 0.0		
RYN	Ryan	126.31	48	P	PKIKP	05 24 03.1 +1.9	SCHO	comp=Z,7.5nm,0.9s,baz=21,slow=5.3,SNR=3.4	SKPbc	SKPbc	05 27 37.0 -1.0	K43A	Burlington	141.92	24	PKPdf	PKPdf	05 24 30.1 +0.6		
MLAC	Mammoth, Mammt	126.42	49	P	PKIKP	05 24 02.8 +1.3	N23A	Red Feather La	133.94	40	PKPdf	PKIKP	05 24 14.9 +0.6	L42A	Oliver, Polo	141.95	26	PKPdf	PKPdf	05 24 29.9 +0.3
KVN	Kaiserville	126.47	47	PKIKP	PKIKP	05 24 02.2 +0.6	MVCO	Mesa Verde	134.12	45	P	PKIKP	05 24 17.7 +1.1	E57A	Champlain	142.05	6	P	PKIKP	05 24 32.8 +0.1
KVN	Kaiserville	126.47	47	PKIKP	PKIKP	05 24 02.1 +0.6	W18A	Petrified Fore	134.16	49	P	PKIKP	05 24 17.5 +0.4	WMOK	Wichita Mounta	142.10	42	P	PKIKP	05 24 32.8 +0.3
PKM	Mpherson Peak	126.52	53	P	PKIKP	05 24 03.2 +1.5	AGMN	Agassiz Nation	134.29	25	P	PKIKP	05 24 16.1 -0.6	E62A	Clayton Lake	142.13	1	P	PKIKP	05 24 32.5 -0.2
NVAR	Mina Array Ba	126.55	48	PKP	PKIKP	05 24 03.3 +1.6	AGMN	Agassiz Nation	134.29	25	PKPdf	PKPdf	05 24 17.7 +1.1	E58A	La Victoria	142.18	5	P	PKIKP	05 24 32.6 -0.3
NVAR	Mina Array Ba	126.55	48	PKP	PKIKP	05 24 03.3 +1.6	TUC	Tucson	134.48	53	PKIKP	PKIKP	05 24 17.8 +0.1	T35A	Sooner Cattle	142.19	38	PKPdf	PKPdf	05 24 26.7 -3.5
NVAR	Mina Array Ba	126.55	48	PKP	PKIKP	05 24 03.3 +1.6	TUC	Tucson	134.48	53	PKIKP	PKIKP	05 24 17.8 +0.1	E61A	Lake Etchemin	142.29	2	P	PKIKP	05 24 33.4 +0.3
NV11	Mina Array Sit	126.58	48	PKIKP	PKIKP	05 24 02.4 +0.5	TUC	Tucson	134.48	53	PKIKP	PKIKP	05 24 17.8 +0.1	E64A	Bridgewater	142.33	359	P	PKIKP	05 24 32.6 -0.5
SBC	Santa Barbara	126.72	53	P	PKIKP	05 24 03.1 +1.5	TUC	Tucson	134.48	53	PKIKP	PKIKP	05 24 17.8 +0.1	F53A	Oxbow	142.33	360	P	PKIKP	05 24 32.9 -0.2
YES	Vestal, Richgr	126.80	51	P	PKIKP	05 24 02.6 +0.6	ISCO	Idaho Springs	134.75	41	PKIKP	PKIKP	05 24 18.1 -0.2	E65A	Other Lake	142.34	9	P	PKIKP	05 24 32.6 -0.6
SC2Z	Santa Cruz Isl	126.91	54	P	PKIKP	05 24 02.9 +0.6	ISCO	Idaho Springs	134.75	41	PKIKP	PKIKP	05 24 18.1 -0.2	G54A	Lake Saint Pet	142.47	11	P	PKIKP	05 24 33.1 -0.4
FFC	Flin Flon	126.93	23	PKIKP	PKPdf	05 23 59.9 -1.3	ISCO	Idaho Springs	134.75	41	PKIKP	PKIKP	05 24 18.1 -0.2	L44A	Lake County Fo	142.53	24	P	PKIKP	05 24 33.4 -0.3
FFC	Flin Flon	126.93	23	PKIKP	PKPdf	05 23 59.9 -1.3	ISCO	Idaho Springs	134.75	41	PKIKP	PKIKP	05 24 18.1 -0.2	G53A	Haliburton	142.63	12	P	PKIKP	05 24 33.6 -0.2
TIN	Tinimaha, Big	127.07	50	P	PKIKP	05 24 05.0 +2.3	S22A	44 Ranch	135.02	41	PKIKP	PKIKP	05 24 19.2 +0.3	F60A	Orleans	142.68	4	P	PKIKP	05 24 33.9 0.0
HLID	Hailey	127.17	41	P	PKIKP	05 24 04.0 +1.2	Q24A	Divide	135.51	41	P	PKIKP	05 24 19.5 -0.4	ABTX	Abilene, Hawle	142.71	46	P	PKIKP	05 24 34.6 +0.2
HLID	Hailey	127.17	41	PKPdf	PKIKP	05 24 04.0 +1.1	SUSD	Miller	135.70	31	P	PKIKP	05 24 19.3 -0.4	I49A	Saint Guilau	142.72	5	PKPdf	PKPdf	05 24 31.1 +0.2
LRV	Arvin	127.22	52	P	PKIKP	05 24 04.0 +1.1	SDCO	Great Sand Dun	135.92	43	P	PKIKP	05 24 20.4 -0.4	F59A	Saint Guilau	142.74	5	PKPdf	PKIKP	05 24 33.3 -0.7
ARLM	Limekiln Ridge	127.30	37	PKIKP	PKIKP	05 24 03.4 +0.3	EYMN	Ely	136.31	22	PKIKP	PKIKP	05 24 19.7 +0.6	H52A	Weyvale	142.82	13	P	PKIKP	05 24 33.9 -0.3
ISA	Isabella, Lake	127.33	51	PKIKP	PKIKP	05 24 04.2 +1.0	EYMN	Ely	136.31	22	PKIKP	PKIKP	05 24 19.7 +0.6	ORIO	Orleans, Innes	142.83	8	P	PKIKP	05 24 34.1 -0.1
ISA	Isabella, Lake	127.33	51	PKIKP	PKIKP	05 24 04.2 +1.0	ANMO	Albuquerque	136.65	47	PKIKP	PKIKP	05 24 21.5 -0.7	F62A	Pittston Farm,	142.84	1	P	PKIKP	05 24 34.0 -0.2
ISAW	Isabella, Lake	127.33	51	PKIKP	PKIKP	05 24 04.2 +1.0	ANMO	Albuquerque	136.65	47	PKIKP	PKIKP	05 24 21.5 -0.7	G55A	Calabogie	142.85	9	P	PKIKP	05 24 33.9 -0.3
CWC	Cottonwood Cre	127.39	50	P	PKIKP	05 24 04.4 +1.0	Y2ZD	IRIS PASSCAL I	136.71	48	PKIKP	PKIKP	05 24 21.5 -0.7	F64A	Sherman	142.89	360	P	PKIKP	05 24 34.4 -0.1
DLMT	Dillon	127.44	38	PKIKP	PKIKP	05 24 03.9 +0.7	121A	Cookes Peak, D	136.72	51	P	PKIKP	05 24 22.6 +0.3	F63A	Nahmakata, Br	143.05	0	P	PKIKP	05 24 34.7 0.0
MCMT	McKenzie Canyo	127.59	39	PKPdf	PKIKP	05 24 04.3 +0.8	121A	Cookes Peak, D	136.72	51	PKIKP	PKIKP	05 24 22.6 +0.3	H53A	Bobcaygeon	143.16	12	P	PKIKP	05 24 34.8 -0.2
EGMT	Eggleton	127.66	34	PKIKP	PKIKP	05 24 04.1 +0.7	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G57A	Newington	143.25	7	P	PKIKP	05 24 35.2 +0.1
EGMT	Eggleton	127.66	34	PKIKP	PKIKP	05 24 04.1 +0.7	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	TUL1	Leonard	143.28	38	P	PKIKP	05 24 35.1 -0.3
GRAC	Grapevine Rang	127.74	49	PKIKP	PKIKP	05 24 03.6 +0.2	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	HDIL	Hopedale	143.29	27	P	PKIKP	05 24 35.2 -0.1
ELK	Elko	127.85	44	PKIKP	PKIKP	05 24 05.1 +1.1	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	I51A	Listowel	143.34	15	P	PKIKP	05 24 35.5 +0.1
ELK	Elko	127.85	44	PKIKP	PKIKP	05 24 05.1 +1.1	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G61A	St-Isidore-de-	143.39	3	P	PKIKP	05 24 35.2 -0.2
DECC	Green Verdugo	127.87	53	P	PKIKP	05 24 05.1 +0.9	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	H55A	Tweed	143.45	10	P	PKPbc	05 24 29.8 +0.3
BOZ	Bozeman (W)	127.90	37	PKIKP	PKIKP	05 24 03.7 +0.2	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G59A	Clarenceville	143.47	5	P	PKIKP	05 24 29.7 +0.2
BOZ	Bozeman (W)	127.90	37	PKIKP	PKIKP	05 24 03.7 +0.2	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	PKME	Peaks-Kenny Pk	143.49	1	P	PKPbc	05 24 30.1 +0.5
EDW2	Edwards Air Fo	127.95	52	P	PKIKP	05 24 05.5 +1.0	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G62A	West of Eustis	143.50	2	P	PKPbc	05 24 30.1 +0.5
MPMC	Manual Prop	127.96	51	P	PKIKP	05 24 05.7 +1.2	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G64A	Maxfield	143.50	0	P	PKPbc	05 24 30.2 +0.6
LRMC	Laurel Mtn Rad	128.00	51	P	PKIKP	05 24 05.7 +1.1	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G60A	Masonville	143.52	4	P	PKPbc	05 24 29.9 +0.2
PASD	Pasadena Art C	128.01	53	PKIKP	PKIKP	05 24 05.5 +1.0	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	G65A	Princeton	143.54	359	P	PKPbc	05 24 29.1 +0.4
CISC	Catalina Islan	128.06	54	P	PKIKP	05 24 05.8 +1.2	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	CPUP	comp=Z,2.4nm,1.0s,baz=183,slow=3.4,SNR=23	143.55	197	PKP	PKPdf	05 24 31.6 -1.3
SC12	San Clemente I	128.07	55	P	PKIKP	05 24 05.7 +1.1	T25A	Trinidad	136.98	43	PKIKP	PKIKP	05 24 21.7 +0.7	H56A	Elgin	143.56	9	P	PKPbc	05 24 30.1 +0.4
FURC	Furna Creek	128.30	50	P	PKIKP	05 24 06.2 +1.2	T25A	Trinidad												

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like WHTX Lake Whitney, I58A Old Forge, I63A Otisfield, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like 054A Avella, HKT Hockley, M60A Port Jervis, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like V54A Nebo, S61A Accomac, LRAL Lakeview Retre, etc.

1DC 14:05:44; 11.8; 0.5; 26:69S; 114:70W, h0km, mb4.6/18, mb1.4/718, mb1mx4.6/24, bmtmp4.5/18, MS4.9/17, MS1.4/9.17, ms1mx4.8/18, Error ellipse: s-maj=20.9km s-min=15.5km az=20.0

Y59A	comp=Z,832nm,21.0s baz=214	69.36	31	P	P	05 55 20.2	-0.9
Y59A	Loris	69.36	31	IAMS_20	IAMS_20	06 22 55.0	
AH1D	comp=Z,679nm,18.0s Auburn Hatcher	69.38	3	IAMB	IAMB	05 55 22.2	
VNA3	Neumayer Olymp	69.43	160	P	P	05 55 22.4	+1.3
T50A	Nancy	69.44	25	IAMB	IAMB	05 55 34.0	
BW06	comp=Z,30nm,1.5s Boulder Array	69.46	4	P	P	05 55 20.9	-0.9
BW06	baz=184,SNR=24 Boulder Array	69.46	4	IAMB	IAMB	05 55 20.1	-1.8
BW06	baz=214					05 55 24.5	
PD31	comp=Z,35nm,1.4s Pinedale Array	69.46	4	P	P	05 55 20.1	-1.7
PD31	baz=173					05 55 24.5	
PDAR	comp=Z,30nm,1.4s Pinedale Array	69.46	4	P	P	05 55 20.1	-1.7
PDAR	comp=Z,6.4nm,0.8s,slow=5.5,SNR=31					06 20 41.5	
PDAR	baz=183,slow=32						
PDAR	baz=183,slow=32						
K04D	Chiloquin, OR	69.48	35	P	P	05 55 22.4	+0.6
K05A	Summer Lake	69.51	35	P	P	05 55 22.9	+0.8
K05A	baz=173					05 55 32.4	
V54A	comp=Z,29nm,1.2s Nebø	69.52	28	P	P	05 55 21.8	-0.3
V54A	baz=211,SNR=11					06 04 29.4	+0.5
TZTN	baz=211						
TZTN	Tazewell	69.53	26	P	P	05 55 21.2	-0.9
TZTN	baz=209					06 04 29.5	-0.4
TZTN	Tazewell	69.53	26	IAMB	IAMB	05 55 21.5	-0.6
TZTN	baz=209					05 55 29.5	
TZTN	comp=Z,37nm,1.4s					06 21 20.1	
TZTN	comp=Z,893nm,22.0s						
W56A	Indian Trail	69.55	29	P	P	05 55 21.8	-0.5
K22A	Casper	69.59	6	P	P	05 55 22.4	-0.1
K22A	baz=187,SNR=15					06 04 30.6	-0.1
K22A	baz=187						
K22A	Casper	69.59	6	P	P	05 55 21.4	-1.1
X58A	Rowland	69.62	31	P	P	05 55 22.9	+0.2
X58A	Rowland	69.62	31	IAMB	IAMB	05 55 24.3	
BGNE	Belgrade	69.63	13	P	P	05 55 22.0	-0.7
Y60A	Bolivia	69.68	32	P	P	05 55 22.8	-0.3
K02D	Willamette Mer	69.74	35	P	P	05 55 24.4	+1.0
OLIL	Olney	69.81	22	P	P	05 55 22.3	-1.5
W57A	Gilead	69.83	30	P	P	05 55 22.6	-1.4
W57A	comp=Z,23nm,1.2s					06 24 52.2	
V55A	comp=Z,732nm,21.0s Taylorsville	69.89	28	P	P	05 55 23.9	-0.4
V55A	baz=211,SNR=8.8					06 04 34.5	+0.3
V55A	baz=211						
V55A	Taylorsville	69.89	28	IAMB	IAMB	05 55 27.5	
V55A	comp=Z,32nm,1.3s					06 21 06.8	
MFID	comp=Z,736nm,22.0s Camas Ranch	69.96	35	P	P	05 55 23.6	-1.1
MFID	MFID					05 55 26.8	
X59A	McDuffie Farm,	69.97	31	P	P	05 55 24.1	-0.8
WCI	Wyandotte Cave	69.98	23	P	P	05 55 24.1	-0.7
WCI	baz=206					06 04 34.0	-1.1
WCI	Wyandotte Cave	69.98	23	P	P	05 55 24.1	-0.7
WCI	Red Top Meadow	69.98	3	IAMB	IAMB	05 55 34.0	-0.8
WCI	Red Top Meadow	69.98	3	IAMB	IAMB	05 55 34.0	-0.8
J08A	Circle Bar Ran	69.99	35	IAMB	IAMB	05 55 35.3	
J08A	comp=Z,18nm,1.1s					05 55 25.2	-0.1
J08A	comp=Z,20nm,1.1s					05 55 24.2	-1.5
J08A	comp=Z,213,SNR=8.0					05 55 26.5	+0.9
J05D	Snow King Moun	70.09	30	P	P	05 55 26.3	+0.7
J05D	Fort Rock, OR	70.09	35	P	P	05 55 26.3	+0.7
HLID	Halley	70.10	0	P	P	05 55 26.3	+0.7
HLID	baz=180,SNR=48					06 04 40.3	+3.5
HLID	baz=180						
HLID	Halley	70.10	0	P	P	05 55 24.6	-1.1
HLID	baz=211					05 55 28.1	
TPAW	comp=Z,30nm,1.1s Teton Pass	70.11	3	P	P	05 55 24.6	-1.2
TPAW	TPAW					05 55 33.2	
J04D	Umpqua Natona	70.12	35	P	P	05 55 26.3	+0.5
V56A	Mocksville	70.16	29	P	P	05 55 25.7	-0.3
P43A	Skaggs, Pawnee	70.18	20	IAMS_20	IAMS_20	06 22 41.4	
N38A	Joes South For	70.19	17	IAMB	IAMB	05 55 35.2	
N38A	comp=Z,25nm,1.1s					06 22 30.4	
U54A	comp=Z,884nm,20.0s Nelsons Funny	70.21	28	P	P	05 55 24.5	-1.9
U54A	baz=211					06 04 37.4	-0.6
U54A	baz=211						
U54A	Nelsons Funny	70.21	28	IAMS_20	IAMS_20	06 21 20.2	
FXWY	Fox Creek	70.25	3	IAMB	IAMB	05 55 34.2	
X60A	Albert Glenn T	70.27	31	P	P	05 55 25.8	-0.8
T53A	Wise	70.31	27	P	P	05 55 26.6	-0.4
T53A	baz=210					06 04 39.3	+0.1
R49A	Shelbyville	70.44	24	IAMS_20	IAMS_20	06 24 10.3	
S51A	Seattville	70.46	26	IAMB	IAMB	05 55 37.0	
S51A	comp=Z,22nm,1.4s					06 23 02.9	
U55A	comp=Z,840nm,20.0s TA2, Sparta	70.51	28	P	P	05 55 27.6	-0.6
U55A	baz=211					06 04 40.8	-0.8
IMW	Indian Meadow	70.51	3	IAMB	IAMB	05 55 35.7	
W59A	Clinton	70.54	31	P	P	05 55 27.6	-0.7
V57A	Coltrane Farms	70.54	29	P	P	05 55 27.9	-0.4
L34A	Svensden Farm,	70.54	14	IAMS_20	IAMS_20	06 22 54.7	
PINE	Pine Mountain	70.57	35	IAMB	IAMB	05 55 38.7	
U56A	comp=Z,27nm,1.1s King	70.66	29	P	P	05 55 28.5	-0.5
U56A	baz=212					06 04 43.2	0.0
U56A	baz=212						
U56A	King	70.66	29	IAMB	IAMB	05 55 30.5	
U56A	comp=Z,26nm,1.3s					06 21 05.3	
I03D	Drain, OR	70.70	35	P	P	05 55 29.4	+0.3
I04A	Tendick Farm,	70.70	35	P	P	05 55 29.3	+0.1
FLWY	Flagg Ranch	70.71	3	P	P	05 55 28.9	-0.6
BLO	Bloomington	70.74	23	IAMS_20	IAMS_20	06 24 33.2	
R50A	Paris	70.75	25	P	P	05 55 28.0	-1.5

R50A	comp=Z,30nm,1.2s						
R50A	Windy Hill, Pi	70.75	30	P	P	05 55 28.6	-1.0
V58A	Windy Hill, Pi	70.75	30	IAMB	IAMB	05 55 32.4	
N41A	Harden Midland	70.76	19	IAMS_20	IAMS_20	06 22 46.7	
I07A	Izee	70.77	35	IAMB	IAMB	05 55 36.3	
T54A	Tazewell	70.77	27	P	P	05 55 29.3	-0.5
W60A	Pink Hill	70.78	31	P	P	05 55 29.2	-0.5
CNNC	Cliffs of the	70.85	31	P	P	05 55 30.0	-0.2
P46A	Rosedale	70.91	22	IAMB	IAMB	05 55 38.8	
P46A	comp=Z,20nm,1.2s					06 24 14.6	
DZM	comp=Z,828nm,18.0s Mont Dzumac	70.96	25	eLR	LR	06 17 02.3	
O44A	Mansfield	70.98	21	IAMS_20	IAMS_20	06 23 46.5	
H17A	Grant Village	71.03	3	P	P	05 55 32.2	+0.8
S53A	Williamson	71.08	27	P	P	05 55 31.1	-0.5
HDIL	Hopedale	71.09	20	P	P	05 55 31.3	-0.3
HDIL	Hopedale	71.09	20	P	P	05 55 29.6	-1.9
V59A	comp=Z,989nm,20.0s Middlesex	71.12	31	P	P	05 55 31.7	-0.1
T55A	Pulaski	71.15	28	P	P	05 55 31.7	-0.3
I05D	Terrebonne, OR	71.15	35	P	P	05 55 33.0	+1.1
I02D	Swisshome	71.16	35	P	P	05 55 37.0	+5.1
J07A	Blanch	71.19	29	P	P	05 55 31.9	-0.4
U57A	baz=213					06 04 48.5	-0.8
SNA	Sanae	71.21	16	P	P	05 55 33.2	+1.2
SNA	Sanae	71.21	16	P	P	05 55 32.7	+0.6
SNA	comp=Z,23nm,1.4s					05 55 37.7	
SNA	Sanae	71.21	16	IAMB	IAMB	05 55 32.7	+0.6
SNA	Sanae	71.21	16	IAMB	IAMB	05 55 37.7	
W61A	comp=Z,23nm,1.4s Grand Anchor	71.22	32	P	P	05 55 32.7	+0.3
SCIA	State Center	71.24	17	P	P	05 55 32.4	0.0
SCIA	State Center	71.24	17	IAMS_20	IAMS_20	06 22 52.2	
RSSD	Black Hills	71.31	8	P	P	05 55 32.4	-0.7
RSSD	Black Hills	71.31	8	P	P	05 55 32.9	-0.2
RSSD	Black Hills	71.31	8	P	P	05 55 32.4	-0.7
RSSD	Black Hills	71.31	8	IAMB	IAMB	05 55 34.4	
YHB	comp=Z,24nm,1.2s Horse Butte	71.36	3	P	P	05 55 32.9	-0.4
BLA	Blacksburg	71.38	28	P	P	05 55 32.8	-0.6
BLA	baz=212					06 04 51.6	0.0
BLA	Blacksburg	71.38	28	IAMB	IAMB	05 55 40.8	
BLA	comp=Z,29nm,1.2s					06 21 42.2	
MCMT	comp=Z,732nm,22.0s Kaukaie Canyo	71.38	1	P	P	05 55 32.8	-0.7
T56A	Rocky Mt	71.39	29	P	P	05 55 33.3	-0.1
BMO	Blue Mountains	71.44	35	P	P	05 55 31.9	-1.8
BMO	comp=Z,24nm,1.4s					05 55 42.8	
BMO	Blue Mountains	71.44	35	P	P	05 55 31.9	-1.8
BMO	Blue Mountains	71.44	35	IAMB	IAMB	05 55 42.8	
YHL	Hebgen Lake	71.46	3	P	P	05 55 31.1	-3.0
U56A	Oxford	71.51	30	P	P	05 55 33.5	-0.7
S54A	Dingess, Beckl	71.51	27	P	P	05 55 32.9	-1.3
S54A	baz=211					06 04 52.9	-0.2
S54A	Dingess, Beckl	71.51	27	P	P	05 55 33.9	-0.3
S54A	comp=Z,718nm,22.0s					06 22 55.7	
H04A	Detroit Lake	71.56	35	P	P	05 55 34.6	+0.2
H04A	comp=Z,21nm,1.3s					05 55 51.1	
V60A	Jim Taylor Roa	71.57	31	P	P	05 55 34.5	-0.1
V60A	Jim Taylor Roa	71.57	31	IAMB	IAMB	05 55 36.0	
V60A	comp=Z,21nm,1.0s					06 25 06.5	

Q57A	Strasburg	73.77	29	P	P	05 55 48.2 +0.6	comp-Z,808nm,22.0s	N56A	West Decatur	75.39	28	P	P	05 55 57.4 +0.4	BINY	Binghamton	77.42	28	P	P	05 56 08.9 +0.4				
Q57A	baz=213,SNR=5.2				S	06 05 20.6 +1.9	baz=213	MV1	Millersville	75.46	29	P	P	05 55 56.9 -0.4	BINY	Binghamton			S	S	06 06 00.5 +1.5				
I40A	Norwalk	73.78	18	P	P	05 55 48.2 +0.7	I40A	L53A	Girard	75.48	26	P	P	05 55 56.8 -0.7	BINY	Binghamton	77.42	28	I	Amb	05 56 10.4				
I40A	comp-Z,28nm,1.5s				I	Amb	I	N57A	Milroy	75.56	28	P	P	05 55 57.9 -0.1	BINY	Binghamton	comp-Z,35nm,1.1s		I	Amb	06 28 56.1				
I40A	comp-Z,651nm,21.0s				I	Amb	I	DGMT	Dagmar	75.58	7	P	P	05 55 58.5 +0.6	LLBL	Lillooet	comp-Z,617nm,20.0s	77.42	355	I	Amb	05 56 17.6			
N51A	Ashland	73.78	25	P	P	05 55 46.8 -0.8	baz=210	DGMT	Dagmar	75.58	7	P	P	05 55 56.8 -1.2	J55A	Hilton	comp-Z,31nm,1.5s	77.55	27	P	P	05 56 08.2 -0.9			
N51A	Ashland	73.78	25	I	Amb	05 55 49.0	N51A	DGMT	Dagmar	75.58	7	I	Amb	06 24 51.1	J55A	Hilton	baz=213	77.55	27	I	Amb	06 25 16.5			
N51A	comp-Z,31nm,1.1s				I	Amb	I	MDND	Madcock	75.60	10	P	P	05 55 58.0 0.0	J55A	Hilton	comp-Z,765nm,22.0s	77.55	27	I	Amb	06 25 16.5			
N51A	comp-Z,701nm,20.0s				I	Amb	I	A04D	Lummi Island	75.61	354	P	P	05 55 59.4 +1.4	K57A	Scipio Center	baz=214	77.63	28	P	P	05 56 08.8 -0.9			
O54A	Avella	73.92	27	P	P	05 55 48.6 +0.2	O54A	baz=172	P60A	Greenville	75.62	30	P	P	05 55 57.0 -1.2	L59A	Walton	baz=214	77.81	29	P	P	05 56 10.4 -0.4		
O54A	Avella	73.92	27	I	Amb	05 56 06.4	O54A	comp-Z,43nm,1.4s	M55A	Ridgway	75.66	27	P	P	05 55 58.1 -0.5	L59A	Walton	comp-Z,43nm,1.4s	77.81	29	I	Amb	05 56 12.4		
O54A	comp-Z,894nm,21.0s				I	Amb	I	M55A	baz=212,SNR=5.6				S	06 05 40.7 +0.8	H52A	Wyvale	baz=215	77.91	25	P	P	05 56 11.1 -0.1			
L48A	N Adams	73.93	23	I	Amb	05 55 57.8	L48A	baz=212	M55A	Ridgway	75.66	27	I	Amb	05 56 00.1	J56A	Wolcott	baz=214	77.94	27	P	P	05 56 11.4 +0.1		
N52A	McGinn's Farm,	73.95	25	P	P	05 55 48.5 -0.1	N52A	comp-Z,31nm,1.4s	M55A	baz=212				I	Amb	I	06 25 13.5	J56A	Wolcott	comp-Z,18nm,1.1s	77.94	27	I	Amb	05 56 12.8
M50A	Fremont	73.95	24	I	Amb	05 55 50.1	M50A	comp-Z,704nm,22.0s	K51A	Ion Station	75.66	25	P	P	05 55 57.9 -0.5	J56A	Wolcott	comp-Z,656nm,20.0s	77.94	27	I	Amb	06 28 43.0		
P56A	Dayton Farm, R	73.98	28	P	P	05 55 49.1 +0.3	P56A	baz=210	BBSR	BB Station	75.67	42	I	Amb	06 23 38.4	F48A	Evansville	baz=209	77.97	22	P	P	05 56 11.4 0.0		
P56A	baz=213				S	06 05 22.6 +1.5	P56A	comp-Z,939nm,21.0s	ERPA	Erie	75.72	26	P	P	05 55 58.5 -0.3	F48A	Evansville	baz=215		S	S	06 06 06.6 +1.8			
Q58A	Fox Den Farm,	74.00	29	P	P	05 55 48.9 0.0	Q58A	baz=211	ERPA	Erie	75.72	26	I	Amb	06 25 23.1	L60A	Shokan	baz=209	78.01	30	P	P	05 56 11.9 +0.1		
Q58A	baz=214,SNR=6.6				S	06 05 22.6 +1.2	Q58A	comp-Z,773nm,21.0s	O59A	Robesonia	75.78	29	P	P	05 55 57.6 -1.7	K58A	Earlville	baz=216	78.03	28	P	P	05 56 11.6 -0.3		
D05A	Enumclaw	74.03	355	I	Amb	05 55 51.3	D05A	baz=215	H45A	Beulah	75.79	21	P	P	05 55 59.0 -0.2	K58A	Earlville	baz=215		S	S	06 06 05.7 +0.2			
D04E	Lakebay	74.09	354	P	P	05 55 53.3 +4.1	D04E	baz=206	M56A	Emporium	75.91	27	P	P	05 55 59.3 -0.7	K58A	Earlville	comp-Z,628nm,20.0s	78.03	28	I	Amb	06 31 15.1		
M51A	Elyria	74.21	25	P	P	05 55 49.4 -0.7	M51A	baz=210	N58A	Sunbury	75.99	29	P	P	05 56 00.6 +0.2	F49A	Sandfield	baz=209	78.11	23	P	P	05 56 12.1 -0.1		
I42A	Draeger Farm,	74.25	19	I	Amb	05 55 57.8	I42A	comp-Z,29nm,1.3s	N58A	baz=214				S	06 05 44.7 +1.3	F49A	Sandfield	baz=209		S	S	06 06 08.0 +1.7			
I42A	comp-Z,29nm,1.3s				I	Amb	I	N58A	baz=214				S	06 05 44.7 +1.3	M62A	Hamden	baz=209	78.17	31	P	P	05 56 12.2 -0.4			
N53A	Lisbon	74.27	26	P	P	05 55 51.0 +0.6	N53A	comp-Z,632nm,21.0s	N58A	Sunbury	75.99	29	P	I	Amb	05 56 03.6	SADO	Sadowa	baz=217	78.30	25	P	I	Amb	05 56 11.9 -1.4
N53A	baz=211,SNR=9.5				S	06 05 24.6 +0.3	N53A	baz=211,SNR=9.5	N58A	baz=211,SNR=9.5				S	06 05 24.6 +0.3	SADO	Sadowa	comp-Z,29nm,1.2s	78.30	25	P	I	Amb	05 56 14.8	
N53A	baz=211				I	Amb	I	N58A	comp-Z,31nm,1.2s				I	Amb	I	06 28 54.3	SADO	Sadowa	comp-Z,711nm,21.0s	78.30	22	P	P	05 56 14.0 +0.7	
N53A	comp-Z,31nm,1.1s				I	Amb	I	N58A	comp-Z,711nm,18.0s				I	Amb	I	05 56 00.2 -0.3	SADO	Sadowa	comp-Z,29nm,1.2s	78.30	22	P	P	05 56 11.0 +2.6	
N53A	comp-Z,872nm,21.0s				I	Amb	I	K52A	Tilsonburg	76.01	25	P	P	05 56 00.2 -0.3	E47A	Iron Bridge	baz=208,SNR=6.4	78.30	22	P	P	05 56 13.8 +0.2			
JTMT	Jette	74.29	0	I	Amb	05 55 52.5	JTMT	baz=211	E38A	The Farm, Brul	76.06	16	P	I	Amb	05 56 00.0 -0.6	E47A	Iron Bridge	baz=208,SNR=6.4	78.30	22	P	P	05 56 13.8 +0.2	
P57A	Homestead Farm	74.31	29	P	P	05 55 50.5 -0.3	P57A	comp-Z,40nm,1.2s	E38A	The Farm, Brul	76.06	16	P	I	Amb	05 56 00.0 -0.6	H53A	Bobcaygeon	baz=212,SNR=7.5	78.37	29	P	P	05 56 13.3 -0.5	
P57A	Homestead Farm	74.31	29	I	Amb	06 26 24.9	P57A	baz=213	L54A	Sinclairville	76.08	26	P	P	05 56 00.5 -0.4	K59A	Coopersstown	baz=215	78.40	26	P	P	05 56 13.2 -0.7		
O55A	Ligonier	74.38	27	P	P	05 55 50.3 -0.9	O55A	comp-Z,908nm,22.0s	O60A	Telford	76.13	30	P	P	05 56 01.3 +0.1	I55A	Frankford	baz=213	78.41	28	P	P	05 56 13.7 -0.2		
NLWA	Neilton Lookou	74.41	353	P	I	Amb	05 55 52.6 +1.4	NLWA	comp-Z,22nm,1.1s	COWI	Conover	76.22	18	P	I	Amb	05 56 03.5	J57A	Williamstown	baz=214	78.41	28	I	Amb	05 56 12.3 -1.7
NLWA	comp-Z,21nm,1.1s				P	I	Amb	COWI	comp-Z,610nm,20.0s	M57A	Sunshine Farm,	76.23	28	P	P	05 56 01.4 -0.3	J57A	Williamstown	comp-Z,519nm,19.0s	78.44	27	P	I	Amb	05 56 26.3
C09A	Chrisman Ranch	74.42	357	P	P	05 55 52.8 +1.6	C09A	baz=214	M57A	Sunshine Farm,	76.23	28	P	S	05 56 47.7 +1.7	PECO	Prince Edward	comp-Z,28nm,1.2s	78.44	27	P	I	Amb	05 56 26.3	
SPMN	Marine on St.	74.45	16	P	P	05 55 51.0 -0.4	SPMN	baz=200	M57A	Sunshine Farm,	76.23	28	P	S	05 56 47.7 +1.7	PECO	Prince Edward	comp-Z,28nm,1.2s	78.44	27	P	I	Amb	05 56 26.3	
SPMN	Marine on St.	74.45	16	P	P	05 55 49.6 -1.9	SPMN	baz=172	M57A	Sunshine Farm,	76.23	28	I	Amb	06 29 06.5	D46A	Sault St. Mari	comp-Z,842nm,19.0s	78.44	21	P	P	05 56 13.9 -0.1		
D03D	Eldon	74.47	354	P	P	05 55 52.7 +1.2	D03D	baz=212	M57A	Sunshine Farm,	76.23	28	I	Amb	06 29 06.5	D46A	Sault St. Mari	baz=207		S	S	06 06 12.5 +2.6			
AAM	Ann Arbor	74.52	23	P	P	05 55 51.6 -0.3	AAM	comp-Z,20nm,1.1s	M57A	Sunshine Farm,	76.23	28	I	Amb	06 29 06.5	L61A	Hillsdale 1, H	baz=207	78.47	30	P	P	05 56 13.1 -1.2		
AAM	Ann Arbor	74.52	23	I	Amb	05 55 53.5	AAM	comp-Z,610nm,20.0s	M57A	Sunshine Farm,	76.23	28	P	S	05 56 47.7 +1.7	ULM	Lac du Bonnet	baz=216	78.56	12	P	P	05 56 14.2 -0.4		
AAM	comp-Z,37nm,1.2s				I	Amb	I	M57A	baz=214				S	05 56 47.7 +1.7	ULM	Lac du Bonnet	comp-Z,14nm,1.0s, baz=201,slow=4.4,SNR=7.0	78.56	12	P	P	06 26 52.8			
L50A	Kingsville	74.60	24	P	P	05 55 51.7 -0.6	L50A	comp-Z,801nm,19.0s	M57A	Sunshine Farm,	76.23	28	I	Amb	06 29 06.5	ULM	Lac du Bonnet	comp-Z,241nm,19.7s, baz=350,slow=33	78.56	12	I	Amb	05 56 15.8		
J45A	Montague	74.61	21	P	P	05 55 52.0 -0.3	J45A	comp-Z,801nm,19.0s	I49A	Point Hope	76.25	23	I	Amb	06 26 31.0	ULM	Lac du Bonnet	comp-Z,22nm,1.1s	78.56	12	I	Amb	05 56 15.8		
P58A	Pank, Wackersv	74.62	29	P	P	05 55 52.5 0.0	P58A	baz=206	G45A	Suttons Bay	76.28	21	P	P	05 56 02.1 +0.1	K60A	Five Rivers En	baz=216	78.66	29	P	P	05 56 14.7 -0.6		
EGMT	Eagleton	74.69	3	P	P	05 55 53.3 +0.4	EGMT	comp-Z,21nm,1.1s	G45A	Suttons Bay	76.28	21	P	P	05 56 02.1 +0.1	J58A	Remsen	baz=215,SNR=6.1	78.67	28	P	P	05 56 15.6 +0.2		
EGMT	baz=184				S	06 05 31.5 +2.6	EGMT	comp-Z,21nm,1.1s	O61A	Allentown	76.33	30	P	P	05 56 02.0 -0.3	J58A	Remsen	baz=215,SNR=6.1		S	S	06 06 14.3 +1.8			
EGMT	Eagleton	74.69	3	I	Amb	05 55 55.4	EGMT	comp-Z,820nm,21.0s	H47A	Mic	76.36	22	P	P	05 56 02.5 +0.1	J58A	Remsen	baz=215,SNR=6.1	78.67	28	I	Amb	05 56 17.2		
M52A	Chesterland	74.70	25	P	P	05 55 52.9 -0.1	M52A	comp-Z,620nm,21.0s	L55A	Hinsdale	76.39	27	P	P	05 56 03.4 +0.7	J58A	Remsen	comp-Z,36nm,1.3s	78.67	28	I	Amb	06 31 51.1		
M52A	Chesterland	74.70	25	I	Amb	05 56 00.7	M52A	comp-Z,20nm,1.1s	L55A	Hinsdale	76.39	27	P	S	05 56 48.9 +1.1	J58A	Remsen	comp-Z,562nm,19.0s	78.67	28	I	Amb	05 56 17.2		
M52A	comp-Z,27nm,1.1s				I	Amb	I	GLMI	Grayling	76.42	21	I	Amb	06 26 42.5	DELO	Deloro Mine	comp-Z,23nm,1.1s	78.67	26	P	I	Amb	05 56 14.2 -1.1		
O56A	Blue Knob Stat	74.73	28	P	P	05 55 53.4 +0.2	O56A	comp-Z,714nm,20.0s	GLMI	Grayling	76.42	21	I	Amb	06 26 42.5	DELO	Deloro Mine	comp-Z,23nm,1.1s	78.67	26	P	I	Amb	05 56 16.8	
O56A	Blue Knob Stat	74.73	28	I	Amb	05 55 55.2	O56A	comp-Z,714nm,20.0s	N59A	State Game Lan	76.46	29	P	P	05 56 03.3 +0.1	DELO	Deloro Mine	comp-Z,23nm,1.1s	78.67	26	P	I	Amb	06 26 39.3	
O56A	comp-Z,35nm,1.3s				I	Amb	I	N59A	State Game Lan	76.46	29	P	P	05 56 03.3 +0.1	E48A	Lockeys	comp-Z,868nm,22.0s	78.70	22	P	P	05 56 16.4 +1.0			
O56A	comp-Z,636nm,22.0s				I	Amb	I	N59A	State Game Lan	76.46	29	I	Amb	05 56 17.3	L62A	Suffield	comp-Z,23nm,1.1s	78.74	30	P	P	05 56 14.9 -0.8			
N54A	Moraine State	74.74	26	P	P	05 55 53.8 +0.6	N54A	comp-Z,20nm,1.1s	N59A	State Game Lan	76.46	29	I	Amb	06 28 48.8	G53A	Haliburton	comp-Z,36nm,1.3s	78.80	25	P	P	05 56 16.3 +0.3		
N54A	baz=212,SNR=8.0				S	06 05 31.0 +1.5	N54A	comp-Z,714nm,20.0s	N59A	State Game Lan	76.46	29	I	Amb	06 28 48.8	H55A	Iweed	comp-Z,562nm,19.0s	78.87	26	P	P	05 56 16.0 -0.5		
N54A	Moraine State																								

AGNM	Agassiz Nation	11.65	6	P	Pn	07 18 33.7	-3.0
J47A	Summer	11.89	53	P	Pn	07 18 40.0	0.0
H45A	Beulah	11.91	45	P	Pn	07 18 39.1	-1.2
P51A	Williamsport	11.95	72	P	Pn	07 18 40.0	-0.8
ACSO	Alum Creek Sta	12.14	69	P	Pn	07 18 42.6	-0.8
EYMN	Ely	12.14	21	P	Pn	07 18 40.8	-2.6
T53A	Wise	12.24	84	P	Pn	07 18 45.6	+0.7
AAM	Ann Arb	12.26	59	P	Pn	07 18 44.7	-0.3
G45A	Suttons Bay	12.38	44	P	Pn	07 18 44.8	-1.9
O51A	Pataskala	12.40	69	P	Pn	07 18 46.2	-0.9
Q52A	Bidwell	12.49	75	P	Pn	07 18 48.3	0.0
S53A	Williamson	12.55	81	P	Pn	07 18 49.5	+0.5
DMGT	Dagmar	12.64	340	P	Pn	07 18 48.6	-1.6
PG52A	Corning	12.68	72	P	Pn	07 18 48.5	-1.6
R53A	Hurricane	12.70	78	P	Pn	07 18 51.6	+0.5
N51A	Ashland	12.74	66	P	Pn	07 18 51.3	-0.4
X54A	Belton	12.75	95	P	Pn	07 18 52.4	+0.6
L50A	Kingsville	12.76	61	P	Pn	07 18 50.9	-1.0
W54A	Cherokee Point	12.78	93	P	Pn	07 18 53.0	+0.8
V54A	Nebo	12.85	90	P	Pn	07 18 54.0	+0.9
GLMI	Graying	12.85	47	P	Pn	07 18 51.6	-1.5
GLMI	Graying	12.85	47	Pn	Pn	07 18 51.6	-1.5
U54A	Nelsons Funny	12.85	86	P	Pn	07 18 53.6	+0.4
U54A	Nelsons Funny	12.85	86	Pn	Pn	07 18 53.7	+0.5
U54A	CMU Biological	12.86	42	P	Pn	07 18 51.3	-2.0
H47A	Mio	12.97	48	P	Pn	07 18 53.3	-1.5
O52A	Adamsville	12.98	70	P	Pn	07 18 54.4	-0.5
M51A	Elyria	12.99	64	P	Pn	07 18 54.5	-0.5
G46A	Petoskey	13.00	45	P	Pn	07 18 52.8	-2.3
T54A	Tazewell	13.01	84	P	Pn	07 18 55.0	-0.3
Q53A	Leroy	13.06	76	P	Pn	07 18 55.5	-0.5
K50A	Casco	13.15	58	P	Pn	07 18 55.6	-1.6
S54A	Dingess, Beckl	13.19	80	P	Pn	07 18 57.2	-0.7
P53A	Whipple	13.23	73	P	Pn	07 18 57.2	-1.1
N52A	McGinn's Farm,	13.23	67	P	Pn	07 18 56.8	-1.5
Y55A	Saluda	13.32	97	P	Pn	07 18 58.8	-0.8
X55A	Gracelyn & Ava	13.36	95	P	Pn	07 18 59.8	-0.2
V55A	Taylorville	13.42	89	P	Pn	07 19 00.9	-0.1
R54A	Victor	13.45	79	P	Pn	07 19 00.6	-0.7
KM5C	Kings Mountain	13.45	92	P	Pn	07 19 01.6	+0.3
O53A	New Philadelphia	13.47	70	P	Pn	07 18 59.5	-2.1
U55A	TA2, Sparta	13.47	86	P	Pn	07 19 00.8	-1.0
G47A	Hillman	13.49	47	P	Pn	07 18 59.5	-2.4
ULM	Lac du Bonnet	13.59	5	Pn	Pn	07 18 59.2	-4.0
ULM	1.0nm,0.3s,baz=168,slow=14,SNR=1.6				Sn	07 21 17.7	-1.6
ULM	1.0nm,0.3s,baz=168,slow=14,SNR=1.6				Lg	07 22 48.8	
ULM	1.0nm,0.3s,baz=168,slow=14,SNR=1.7				Lg	07 24 23.1	
ULM	comp-Z,2.57nm,18.6s,baz=310,slow=38				Sn	07 21 17.7	-1.6
ULM	Lac du Bonnet	13.59	5	Sn	Sn	07 21 17.7	-1.6
Q54A	Coxs Mills	13.61	75	P	Pn	07 19 02.8	-0.6
T55A	Pulaski	13.63	83	P	Pn	07 19 03.9	+0.1
M52A	Chesterland	13.64	64	P	Pn	07 19 02.2	-1.8
Y56A	Pelion	13.80	97	P	Pn	07 19 05.9	-0.3
S55A	Lewisburg	13.83	80	P	Pn	07 19 05.9	-0.7
X56A	White Oak	13.84	94	P	Pn	07 19 05.8	-0.8
N53A	Lisbon	13.86	68	P	Pn	07 19 05.0	-1.8
K51A	Iona Station	13.90	59	P	Pn	07 19 05.3	-2.1
BLA	Blacksburg	13.92	83	P	Pn	07 19 06.3	-1.4
V56A	Mocksville	14.01	89	P	Pn	07 19 07.9	-1.0
U56A	King	14.02	86	P	Pn	07 19 09.2	0.0
W56A	Indian Trail	14.05	91	P	Pn	07 19 09.3	-0.2
O54A	Avelle	14.09	71	P	Pn	07 19 09.0	-1.1
M53A	WI Miller and	14.12	65	P	Pn	07 19 09.4	-1.0
R55A	Marlinton	14.13	78	P	Pn	07 19 10.4	-0.3
Q55A	Buckhannon	14.19	75	P	Pn	07 19 11.2	-0.3
R11A	Troy Canyon, C	14.20	282	P	Pn	07 19 11.8	+0.1
T56A	Rocky Mt	14.24	83	P	Pn	07 19 11.9	-0.3
EGMT	Eagleton	14.31	326	P	Pn	07 19 11.7	-1.4
HLID	Hailey	14.40	303	P	Pn	07 19 14.9	+0.4
D46A	Sault St. Mari	14.43	41	P	Pn	07 19 11.6	-3.0
P55A	Reedsville	14.43	73	P	Pn	07 19 12.6	-2.2
Z57A	Bowman	14.43	99	P	Pn	07 19 14.2	-0.6
K52A	Tiltsboro	14.47	60	P	Pn	07 19 12.0	-3.2
N54A	Moraine State	14.52	68	P	Pn	07 19 13.4	-2.5
W57A	Gilead	14.53	91	P	Pn	07 19 15.1	-0.9
L53A	Girard	14.55	64	P	Pn	07 19 14.1	-2.2
E47A	Iron Bridge	14.56	44	P	Pn	07 19 13.0	-3.5
V57A	Coltrane Farms	14.57	88	P	Pn	07 19 14.6	-2.1
S56A	Natural Bridge	14.58	81	P	Pn	07 19 16.3	-0.4
F48A	Evansville	14.58	47	P	Pn	07 19 12.5	-4.2
X57A	Johnson Farm,	14.60	94	P	Pn	07 19 15.6	-1.3
I51A	Listowel	14.62	56	P	Pn	07 19 14.4	-3.0
R56A	Bull Pasture M	14.70	78	P	Pn	07 19 16.9	-1.6
ERPA	Erie	14.78	63	P	Pn	07 19 18.9	-0.7
J52A	Paris	14.79	59	P	Pn	07 19 16.7	-2.9
U57A	Blanch	14.85	86	P	Pn	07 19 19.0	-1.4
T57A	Hurt	14.86	83	P	Pn	07 19 19.8	-0.8

M54A	Oil Creek Stat	14.87	66	P	Pn	07 19 18.8	-1.9
F49A	Sandfield	14.89	48	P	Pn	07 19 16.3	-4.6
Q56A	Snyder Ridge,	14.89	75	P	Pn	07 19 18.7	-2.4
O55A	Ligonier	14.91	71	P	Pn	07 19 18.0	-3.3
D47A	Chapleau	15.03	42	P	Pn	07 19 18.6	-4.2
S57A	Dark Hollow, R	15.06	80	P	Pn	07 19 22.0	-1.2
V58A	Wirt Hill, Pi	15.12	88	P	Pn	07 19 21.2	-2.8
W58A	Reaford	15.16	91	P	Pn	07 19 22.3	-2.3
P56A	Dayton Farm, R	15.19	74	P	Pn	07 19 21.8	-3.2
E48A	Lockeyer	15.21	45	P	Pn	07 19 21.6	-3.6
N55A	Marion Center	15.23	69	P	Pn	07 19 22.4	-3.2
L54A	Sinclairville	15.30	63	P	Pn	07 19 24.8	-1.6
T58A	Grand View Acr	15.44	83	P	Pn	07 19 27.0	-1.3
O56A	Blue Knob Stat	15.48	71	P	Pn	07 19 26.1	-2.7
U58A	Oxford	15.49	85	P	Pn	07 19 26.6	-2.3
Q57A	Straburg	15.49	76	P	Pn	07 19 26.8	-2.2
M55A	Ridgway	15.52	66	P	Pn	07 19 27.5	-1.9
I53A	Kotright Cn E	15.59	57	P	Pn	07 19 27.1	-3.2
Y59A	Loris	15.69	94	P	Pn	07 19 25.1	-6.4
H52A	Weyvale	15.71	54	P	Pn	07 19 28.7	-3.0
N56A	West Decatur	15.77	69	P	Pn	07 19 29.8	-2.8
S58A	Poland Farm, P	15.78	81	P	Pn	07 19 31.9	-0.8
R58A	Rapidan	15.80	78	P	Pn	07 19 31.7	-1.3
D48A	Paudash Townsh	15.80	44	P	Pn	07 19 30.2	-2.8
V59A	Middlesex	15.82	88	P	Pn	07 19 30.8	-2.4
P57A	Homestead Farm	15.83	74	P	Pn	07 19 32.6	-0.7
K54A	Basillio Farm,	15.84	62	P	Pn	07 19 29.2	-4.3
L55A	Hinsdale	15.92	64	P	Pn	07 19 31.7	-2.8
M56A	Emporium	15.96	67	P	Pn	07 19 32.4	-2.6
E50A	Wahnapitae	16.01	47	P	Pn	07 19 33.0	-2.5
Q58A	Fox Den Farm,	16.06	76	P	Pn	07 19 35.8	-0.5
U59A	Littleton	16.10	85	P	Pn	07 19 35.5	-1.3
D49A	Beulah Townshi	16.11	44	P	Pn	07 19 33.9	-3.0
O57A	Amberson	16.18	71	P	Pn	07 19 35.9	-2.0
SADO	Sadowa	16.25	55	Pn	Pn	07 19 35.4	-3.3
SADO	1.4nm,0.3s,baz=264,slow=12,SNR=14				Pg	07 20 46.5	
SADO	0.3nm,0.3s,baz=252,slow=16,SNR=1.2				Sn	07 22 29.4	-9.5
SADO	0.3nm,0.3s,baz=152,slow=22,SNR=1.5				Sn	07 24 08.8	
SADO	0.3nm,0.3s,baz=246,slow=1.7,SNR=3.1				Lg	07 20 46.5	+6.5
SADO	Sadowa	16.25	55	Sn	Sn	07 22 29.4	-9.5
SADO	Sadowa	16.25	55	IAMB	IAMB	07 20 53.3	
F51A	Armstrong	16.26	50	P	Pn	07 19 35.9	-2.9
N57A	Milroy	16.31	70	P	Pn	07 19 36.9	-2.5
K55A	Perry	16.32	62	P	Pn	07 19 37.6	-2.0
NVAR	Mina Array Bea	16.34	282	Pn	P	07 19 43.2	+0.2
NVAR	comp-Z,0.1nm,0.3s,baz=93,slow=11,SNR=9.2				Lg	07 24 21.3	
NVAR	comp-Z,0.0nm,0.3s,baz=296,slow=36,SNR=1.0				Lg	07 19 43.2	+0.2
P58A	Pink, Wackersv	16.38	74	P	Pn	07 19 38.2	-2.2
H53A	Boloygaone	16.54	56	P	Pn	07 19 38.9	-3.5
L56A	Greenwood	16.54	65	P	Pn	07 19 40.9	-1.6
LP1G	La Paz	16.55	224	LR	LR	07 26 29.6	
F52A	Sundridge	16.56	51	P	Pn	07 19 39.7	-3.0
U60A	Pendleton	16.59	85	P	Pn	07 19 40.8	-2.3
J55A	Hilton	16.64	61	P	Pn	07 19 40.5	-3.2
M57A	Sunshine Farm,	16.71	68	P	Pn	07 19 42.5	-2.1
O58A	Lewberry	16.71	72	P	Pn	07 19 42.4	-2.2
G53A	Haliburton	16.73	54	P	Pn	07 19 41.4	-3.3
E51A	G1948 Merrick	16.80	49	P	Pn	07 19 42.4	-3.4
K56A	Middlesex	16.84	63	P	Pn	07 19 44.1	-2.2
D50A	G1974 Best Tow	16.92	46	P	Pn	07 19 44.7	-2.5
N58A	Sunbury	16.95	70	P	Pn	07 19 45.5	-2

FAKI	Fak Fak	10.33 145	P	Pn	08 02 25.4 -1.4
FAKI	Fak Fak	10.33 145	Pn	Pn	08 02 27.4 +0.7
RKPI	Ransiki, Papua	10.54 132	P	Pn	08 02 31.4 +1.8
BNDI	Bandanaira	10.69 161	P	Pn	08 02 32.8 +1.0
SMKI	Samarinda	10.99 337	P	Pn	08 02 42.2 +6.4
SPSI	Sidrap Palu	11.61 215	P	Pn	08 02 48.6 +4.2
BKB	Balikpapan	14.70 234	P	Pn	08 02 46.4 +0.8
BKB	Balikpapan	11.70 234	Pn	Pn	08 02 45.0 -0.5
BNSI	Bone	11.79 212	P	Pn	08 02 48.7 +1.9
KAPI	Kappang	12.49 212	P	Pn	08 03 00.4 +4.1
KAPI	comp=Z,52um,19.3s,baz=41,slo=42		LR	LR	08 08 39.0
KAPI	0.7nm,0.3s,baz=276,slo=3.6,SNR=0.0		ScP	ScP	08 12 03.1 0.0
KAPI	0.4nm,0.3s,baz=135,slo=21,SNR=1.0		ScS	ScS	08 15 39.5 -0.1
KAPI	Kappang	12.49 212	P	Pn	08 02 58.4 +2.0
KAPI	comp=Z,30um,17.8s		P	Pn	08 02 58.4 +2.0
KAPI	Callao Caves	12.79 340	P	Pn	08 03 06.7 -3.5
MTKI	Muara Teweih, K	13.21 241	P	Pn	08 03 10.0 +3.8
KBKI	Kotabaru	13.54 229	P	Pn	08 03 14.4 +3.8
SMPI	Sarmi	14.46 121	P	Pn	08 03 22.7 -0.3
SBUM	Sibu	14.49 258	P	Pn	08 03 26.0 +2.5
SBUM	Sibu	14.49 258	P	Pn	08 03 28.0 +2.0
BBKI	Banjar Baru	14.66 232	P	Pn	08 03 29.7 -1.4
MMRI	Maumere	14.78 196	P	Pn	08 03 29.5 +2.2
MMRI	Maumere	14.78 196	Pn	Pn	08 03 28.2 +0.9
SOEI	Soe	15.45 188	P	Pn	08 03 37.0 +0.9
SOEI	Soe	15.45 188	P	P	08 03 38.1 -1.8
STKI	Sintang	15.89 250	P	P	08 03 45.4 +0.7
BATI	Baumata	15.98 190	P	Pn	08 03 43.6 +0.7
BATI	4.3nm,0.3s,baz=231,slo=16,SNR=0.9		ScS	ScS	08 06 41.5 +2.3
BATI	Baumata	15.98 190	P	Pn	08 03 47.2 +1.4
GENI	Genyem	16.01 120	P	Pn	08 03 42.4 -0.9
JAY	Jayapura	16.43 119	P	Pn	08 03 47.8 -0.9
JAY	0.7nm,0.3s,baz=294,slo=15,SNR=6.1		LR	LR	08 10 03.8
JAY	comp=Z,55um,21.4s,baz=316,slo=36		LR	LR	08 03 51.9 +1.1
KSM	Kuching	16.57 256	P	P	08 03 51.8 -0.6
KSM	comp=Z,7um,1.2s		Iamb	Iamb	08 04 08.6
KSM	Kuching	16.57 256	P	P	08 03 54.0
WBSI	Waikabubak, Su	16.71 205	P	P	08 03 54.4 +0.5
PLAI	Plampang	16.75 211	P	P	08 03 55.4 +1.2
BASI	Baing, Sumba	16.79 200	P	P	08 03 56.6 +1.9
PKBI	Pangkal Bala	16.88 241	P	P	08 03 59.8 +4.1
TRSI	Taliwang, Sumb	17.15 214	P	P	08 04 00.7 +2.0
SRBI	Srangiraja	17.62 219	P	P	08 04 05.8 +2.0
KMMI	Kalianget	17.86 225	P	P	08 04 07.8 +3.2
TWG	Tempasar	18.07 218	Pn	Pn	08 04 02.2 -3.7
DNP	Dempar	18.07 218	P	Pn	08 04 12.2 +3.2
YULB	Yu-ii	18.31 345	P	P	08 04 08.7 -2.8
TPUB	Ta-pu	18.41 343	P	P	08 04 09.1 -3.5
JAGI	Jajag, Banyuwa	18.59 221	P	Pn	08 04 17.0 +1.8
JAGI	Jajag, Banyuwa	18.59 221	P	Pn	08 04 15.7 +0.5
GRJI	Gresik	18.67 228	P	Pn	08 04 19.9 +3.8
DLV	T Lat	18.76 291	Iamb	Iamb	08 04 16.8 +0.2
DLV	comp=Z,7um,1.2s		Iamb	Iamb	08 04 36.7
SSLB	Suanglung	18.78 344	P	P	08 04 15.3 -1.3
MTN	Manton Dam	18.96 166	P	P	08 04 18.3 -0.3
MTN	Manton Dam	18.96 166	P	P	08 04 17.3 -1.3
MTN	comp=Z,508nm,1.0s		Iamb	Iamb	08 04 29.0
YOJ	Yonaguni jima	18.99 350	P	Pmax	08 04 17.5 -1.4
YOJ	Yonaguni jima	18.99 350	P	Pmax	08 04 17.5 -1.4
NACB	Ninganchiao	18.99 346	P	P	08 04 17.9 -1.0
KDU	Kakadu	19.19 162	P	P	08 04 20.4 -0.7
YHNB	Yehing, SNR=48	19.52 346	P	P	08 04 23.1 -1.6
NGJI	Ngawi	19.72 229	P	Pn	08 04 31.7 +2.9
TATO	Taipei	19.79 347	P	P	08 04 27.9 +0.3
TATO	comp=Z,19um,1.7s		P	P	08 04 27.9 +0.3
GUMO	Guam	19.84 65	P	P	08 04 29.8 -0.4
GUMO	comp=Z,5.5nm,0.3s,baz=311,slo=1.6,SNR=8.7		ScS	ScS	08 08 12.4 -0.2
GUMO	comp=Z,1.6nm,0.3s,baz=76,slo=17,SNR=1.1		LR	LR	08 10 49.2
GUMO	comp=Z,53um,21.5s,baz=230,slo=30		LR	LR	08 04 28.8 +0.5
GUMO	Guam	19.84 65	P	Pmax	08 04 28.8 +0.5
GUMO	comp=Z,7um,1.7s		P	P	08 04 28.8 +0.5
KNMB	Chin-men Tao	20.23 338	P	P	08 04 29.4 -3.0
SMRI	Semarang	20.31 232	P	P	08 04 37.0 +1.3
SMRI	Semarang	20.31 232	P	P	08 04 33.9 +0.5
HKPS	Hong Kong Po S	20.34 326	P	P	08 04 31.5 -2.1
HKPS	comp=Z,550nm,1.1s		Iamb	Iamb	08 04 39.2
HKC	Hong Kong Obse	20.34 326	P	Pn	08 04 35.0 -1.0
WOJI	Wonongi, Java	20.43 229	P	P	08 04 38.8 +1.6
TPI	Tanjungpandan	20.49 246	P	Pn	08 04 37.9 0.0
MCO	Maita Grande	20.55 324	P	P	08 04 39.0 +0.5
OZH	Quanzhou	20.59 340	P	P	08 04 36.0 -0.3
OZH	comp=Z,220nm,1.4s		S	S	08 08 20.8 -3.3
OZH	comp=Z,14um,10.6s		S	S	08 08 36.9 -4.0
OZH	comp=Z,26um,19.9s		S	S	08 08 20.8 -3.3
OZH	comp=Z,18um,18.9s		S	S	08 08 36.9 -4.0
UGM	Wanagama	20.78 230	P	Pn	08 04 40.6 -0.8
UGM	Wanagama	20.78 230	P	Pn	08 04 39.4 +0.9
YOGI	Yogyakarta	20.90 230	P	P	08 04 40.9 +1.2
QIZ	Qiongzong	20.90 311	P	P	08 04 40.5 +0.7
QIZ	comp=Z,23um,10.1s		S	S	08 08 27.9 -2.5
QIZ	comp=Z,19um,18.0s		S	S	08 08 27.9 -2.5
QIZ	comp=Z,27um,18.0s		S	S	08 08 27.9 -2.5
QIZ	comp=Z,30um,17.8s		S	S	08 08 27.9 -2.5
QIZ	Qiongzong	20.90 311	P	P	08 04 40.4 +0.7
JOW	Kunigami	21.14 5	P	P	08 04 41.5 -0.8
JOW	comp=Z,4.5nm,0.9s,baz=154,slo=13,SNR=6.0		LR	LR	08 15 09.2
JOW	comp=Z,2um,18.3s,baz=264,slo=43		P	P	08 04 41.3 -1.0
KNRA	Kunumurra	21.32 174	P	P	08 04 44.6 +0.4
KNRA	Kunumurra	21.32 174	P	P	08 04 45.4 +1.2
GZHZ	Guangzhou	21.43 325	P	P	08 04 48.3 +3.0
GZHZ	comp=Z,2um,18.3s,baz=264,slo=43		ScS	ScS	08 08 47.9 -2.5

GZH	comp=Z,11um,10.6s		pmax	pmax	
GZH	comp=Z,24um,17.8s		LR	LR	
PPBI	Pangkal Pinang	21.66 250	P	P	08 04 50.0 +2.0
ANA2	Anatahan	21.72 59	Iamb	Iamb	08 05 49.5 +1.0
ANA2	comp=Z,658nm,1.0s		Iamb	Iamb	08 05 11.7
CPRI	Tanjung Pinang	22.32 259	P	P	08 04 58.2 +3.1
TMJI	Tomboi	22.32 233	P	P	08 04 55.1 +0.1
LEM	Lembang	22.46 237	P	P	08 04 55.3 -1.4
LEM	comp=Z,80nm,0.8s,baz=160,slo=24,SNR=2.4		ScP	ScP	08 12 24.6 +0.6
LEM	comp=Z,42nm,0.8s,baz=114,slo=23,SNR=2.5		LR	LR	08 15 53.2
DSRI	Dabo	22.61 255	P	P	08 05 01.1 +2.9
CISI	Cisompot, Garu	22.70 235	P	P	08 05 00.3 +1.1
CISI	Cisompot, Garu	22.70 235	P	P	08 04 59.6 +0.4
CISI	comp=Z,594nm,1.0s		Iamb	Iamb	08 05 29.0
MYKOM	Kota Tinggi	22.81 261	P	P	08 05 02.5 +2.2
MYKOM	Kota Tinggi	22.81 261	P	P	08 05 03.0
DBJI	Dramaga	23.05 239	P	P	08 05 05.2 +2.5
CNJI	Cibinong	23.13 246	P	P	08 05 04.3 +0.9
PMBI	Palembang	23.21 299	P	P	08 05 06.9 +2.6
PMBI	Palembang	23.21 299	P	P	08 05 06.6 +2.3
FITZ	Fitzroy Crossi	23.61 182	P	P	08 05 08.5 +0.5
FITZ	Fitzroy Crossi	23.61 182	P	P	08 05 07.8 -0.1
FITZ	comp=Z,202nm,1.0s,baz=13,slo=10,SNR=52		S	S	08 09 15.1 -4.1
FITZ	comp=Z,15nm,0.7s,baz=100,slo=20,SNR=1.0		S	S	08 05 08.2 +0.2
BLZI	Bandar Lampung	23.78 243	P	P	08 05 11.2 +1.5
MDSI	Maura Dua	24.36 246	P	P	08 05 16.5 +1.5
KASI	Kota Agung	24.51 243	P	P	08 05 17.4 +1.0
LWLI	Liwa	24.69 245	P	P	08 05 19.6 +1.5
LHLSI	Lahat	24.70 248	P	P	08 05 20.2 +2.1
IPM	Ilopo	25.29 269	P	P	08 05 22.7 -0.9
IPM	comp=Z,421nm,1.1s		Iamb	Iamb	08 05 49.8
IPM	Ilopo	25.29 269	P	P	08 05 24.0
MNAI	Manna	25.43 247	P	P	08 05 22.3 -2.4
KSI	Kapahiang	25.50 249	P	P	08 05 27.4 +2.0
PMG	Port Moresby	25.53 126	P	P	08 05 25.9 +0.3
PMG	comp=Z,20nm,0.8s,baz=242,slo=9.3,SNR=2.0		LR	LR	08 16 20.3
PMG	Port Moresby	25.53 126	P	P	08 05 22.2 -3.4
KULM	Kulim	25.62 270	P	P	08 05 26.2 -0.3
KULM	comp=Z,477nm,1.1s		Iamb	Iamb	08 05 32.7
KULM	Kulim	25.62 270	P	P	08 05 28.0
COEN	Coen	25.63 140	P	P	08 05 26.3 -0.2
COEN	comp=Z,44um,comp=Z,16um,comp=Z,330nm,1.1s		P	P	08 05 25.7 -0.8
MASI	Maura Aman, Be	25.65 251	P	P	08 05 29.2 +2.4
SDSI	Sungai Dareh	25.77 256	P	P	08 05 28.6 +0.8
SSE	Sheshan	25.78 350	P	P	08 05 29.3 +1.6
SSE	comp=Z,33nm,1.1s		S	S	08 09 56.3 +2.5
SSE	comp=Z,3um,6.6s		pmax	pmax	
SSE	comp=Z,7um,16.9s		LR	LR	
SSE	comp=Z,8um,24.3s		LR	LR	
SSE	Sheshan	25.78 350	P	P	08 05 29.3 +1.6
BKNI	Bangkinang	25.85 259	P	P	08 05 29.8 +1.2
BKNI	Bangkinang	25.85 259	P	P	08 05 29.6 +1.0
KRJI	Kerinci	26.06 254	P	P	08 05 34.0 +3.4
JCJ	Chichijima	26.10 33	P	P	08 05 28.6 -2.1
JCJ	comp=Z,115nm,0.6s,baz=264,slo=4.9,SNR=22		S	S	08 09 54.2 -4.8
JCJ	comp=Z,62nm,1.1s,baz=301,slo=23,SNR=5.9		ScS	ScS	08 16 23.9 +0.4
JCJ	comp=Z,13nm,0.6s,baz=339,slo=22,SNR=1.4		LR	LR	08 16 48.8
JCJ	comp=Z,14nm,18.1s,baz=226,slo=38		LR	LR	08 05 28.8 -1.9
JCJ	comp=Z,411nm,0.9s		Iamb	Iamb	08 06 10.6
XMIS	Christmas Isla	26.14 232	P	P	08 05 32.8 +1.6
XMIS	comp=Z,331nm,1.4s		Iamb	Iamb	08 06 38.5
WRB	Warramunga Arr	26.45 163	P	P	08 05 34.0 0.0
WRAB	Tennant Creek	26.60 163	P	P	08 05 35.6 +0.4
WRAB	comp=Z,188nm,1.0s		pmax	pmax	
WRAB	comp=Z,20um,24.0s		MLR	MLR	
WRAB	Tennant Creek	26.60 163	P	P	08 05 35.3 +0.1
WRA	Warramunga Arr	26.60 163	P	P	08 05 34.5 -0.8
WRA	comp=Z,51nm,1.0s,baz=350,slo=10,SNR=100		S	S	08 10 07.2 +0.2
WRA	comp=Z,17nm,1.0s,baz=340,slo=16,SNR=4.6		ScP	ScP	08 12 34.3 -0.8
WRA	comp=Z,14nm,0.8s,baz=343,slo=2.8,SNR=4.0		ScS	ScS	08 16 23.7 -2.1
WRA	comp=Z,3.8nm,1.0s,baz=350,slo=5.7,SNR=2.5		LR	LR	08 17 28.0
WRA	comp=Z,18um,21.9s,baz=355,slo=39		LR	LR	08 38 18.0
WRB	Warramunga Arr	26.61 163	P	P	08 05 34.9 -0.4
WR0	Warramunga Arr	26.68 163	P	P	08 05 35.9 -0.1
WR0	comp=Z,457nm,1.1s		Iamb	Iamb	08 06 13.8
SLNSI	Son L	26.79 308	P	P	08 05 37.5 +0.4
MNDI	Mandailing Nan	27.19 261	P	P	08 05 41.3 +0.6
NJ2	Nanjing	27.20 346	P	P	08 05 40.9 +0.4
NJ2	comp=Z,100nm,0.9s		pP	pP	08 05 51.3 -1.0
NJ2	comp=Z,5um,7.9s		S	S	08 10 18.6 +2.4
NJ2	comp=Z,18um,17.1s		S	S	08 10 37.6 +2.0
NJ2	comp=Z,100nm,0.9s		ScP	ScP	08 12 38.1 +1.4
NJ2	comp=Z,100nm,0.9s		pmax	pmax	
NJ2	comp=Z,5um,7.9s		pmax	pmax	
NJ2	comp=Z,18um,14.8s		LR	LR	
NJ2	comp=Z,13um,17.1s		LR	LR	
NJ2	comp=Z,18um,17.1s		LR	LR	
WHN	Wuhan	27.24 337	P	P	08 05 41.4 +0.6
WHN	comp=Z,41nm,1.2s		pP	pP	08 05 53.4 +0.7

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, GKN, SANVU, GRNR, CAN, MDRS, MYLAV, CNB, KOLN, DANN, TOO, ADKI, TARA, SKHT, PYUN, TYV, NJS, CIT, SRLM, RPR, DZM, ZEA, HYB, HYB, HYBB, NGP, SRSP, ZAK, NKL, PRZ, URV.

2014 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like IRK, KLRI, BHP, WMO, SKR, MOO, TAU, KAD, POO, BOD, BHK, DHAM, PEAO, PETK, PET, SHL, SHLS, MK31, MKAR, MKAR, MSVF, MSVF, PRZ, TARG, SATY.

14d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SATY, YAK, KPKS, NIL, KDJ, KRAR, MA2, TDK, TDK, MDOK, MDOK, TNS, TNS, AAA, ULHL, MTBS, BOOM, BOOM, KZA, TKM2, KBK, UCH, CHMS, FRU1, FRU1, AAK, AAK, ZAA0, ZAA0, ZAA0, ZALV, ZALV.

ZALV	comp=Z,0.5nm,0.4s,baz=284,slow=12,SNR=1.3	LR	LR	08 36 52.6					
ZALV	comp=Z,1.1um,21.2s,baz=134,slow=38	PKPPKP	P P df	08 39 31.2 +0.2					
SEM	Semipalatinsk 58.91 327 eP	S	P	08 09 54.1 -1.6					
SEM	baz=328	eS	S	08 17 57.6 -1.0					
SEM	comp=Z,1.1um,14.3s,baz=328	LR	LR	08 36 38.2					
SEM	Semipalatinsk 58.91 327 eP	S	P	08 09 54.1 -1.6					
SEM		eS	MLR	08 17 57.5 -1.0					
USP	comp=Z,1.1um,14.0s	P	P	08 09 55.6 -0.5					
AML	Almayashu 59.07 316 P	P	P	08 09 57.3 +0.2					
EKS2	Erkin-Say 59.22 317 P	P	P	08 09 57.8 -0.1					
ARSB	Arslanbob 59.26 315 P	pmax	pmax	08 09 57.5 -0.7					
ARSB	comp=Z,574nm,1.8s	MLR	MLR						
ARSB	comp=Z,25um,22.0s	MLR	MLR						
ARSB	Arslanbob 59.26 315 P	P	P	08 09 57.5 -0.7					
KURBB	Kurchatov Arra 59.96 327 P	P	P	08 10 01.7 -0.9					
KURBB	comp=Z,102nm,0.8s,baz=123,slow=6.9,SNR=154	P	P						
KURBB	Kurchatov Arra 59.96 327 P	P	P	08 10 01.4 -1.2					
KURK	Kurchatov 59.96 327 P	P	P	08 10 02.0 -0.6					
KURK	Kurchatov 59.96 327 P	P	P	08 10 02.0 -0.6					
KURK	Kurchatov 59.96 327 cP	pmax	pmax	08 10 00.5 -2.1					
KURK	comp=Z,384nm,1.7s	MLR	MLR						
KURK	comp=Z,1.3um,22.0s	P	P	08 10 01.7 -0.8					
KURK	Kurchatov 59.96 327 IAMS_20	IAMS_20	IAMS_20	08 36 56.9					
BTLs	Baital 60.00 320 i/P	P	P	08 10 01.9 -1.2					
BTLs	comp=Z,53nm,1.8s,baz=320	eS	S	08 18 11.6 -0.7					
BTLs	baz=320	eS	S	08 18 11.6 -0.7					
BTLs	comp=Z,3um,17.2s,baz=320	LR	LR	08 36 40.2					
BTLs	Baital 60.00 320c /P	P	P	08 10 01.8 -1.2					
BTLs	ATKA 60.00 320c /P	eS	S	08 18 11.6 -0.7					
BTLs	comp=Z,53nm,1.8s	pmax	pmax						
BTLs	comp=Z,3um,17.0s	MLR	MLR						
KBL	Kabul 60.10 307 P	P	P	08 10 03.9 -0.3					
KBL	Kabul 60.10 307 P	P	P	08 10 02.9 -1.3					
KBL	comp=Z,137nm,0.9s	pmax	pmax						
KBL	comp=Z,9um,22.0s	MLR	MLR						
KBL	Kabul 60.10 307 P	IAMB	IAMB	08 10 02.9 -1.3					
KBL	comp=Z,137nm,0.9s	IAMB	IAMB	08 10 08.9					
Ouz	Omahuta 60.17 136 IAMS_20	IAMS_20	IAMS_20	08 33 59.1					
BTK	Batken 60.36 313 P	P	P	08 10 05.4 -0.3					
BTK	comp=Z,296nm,1.4s	pmax	pmax						
BTK	Batken 60.36 313 P	P	P	08 10 05.4 -0.3					
GAR	Garm 60.39 312 P	P	P	08 10 05.1 -0.9					
DZA	Taraz 60.98 316 i/P	P	P	08 10 09.1 -0.7					
DZA	baz=316	LR	LR	08 37 30.7					
DZA	comp=Z,2um,17.8s,baz=316	P	P	08 10 09.1 -0.7					
DZA	Taraz 60.98 316 i/P	MLR	MLR						
SMY	Shemya 61.00 31 P	P	P	08 10 08.2 -1.5					
SMY	comp=Z,2um,18.0s	pmax	pmax						
SMY	Shemya 61.00 31 P	pmax	pmax						
SMY	comp=Z,167nm,1.2s	MLR	MLR						
SMY	Shemya 61.00 31 P	IAMB	IAMB	08 10 08.2 -1.5					
SMY	comp=Z,5um,20.0s	IAMB	IAMB	08 10 36.9					
CHGR	Chuyaganon 61.15 311 P	P	P	08 10 10.4 -0.7					
KK31	Karatay Array 61.61 316 i/P	P	P	08 10 13.1 -1.0					
KK31	Karatay Array 61.61 316 IAMB	IAMB	IAMB	08 10 12.9 -1.2					
KK31	comp=Z,107nm,1.1s	IAMB	IAMB	08 10 28.4					
KKAR	Karatay Array 61.61 316 P	pmax	pmax	08 10 13.0 -1.1					
KKAR	comp=Z,107nm,1.1s	pmax	pmax						
KKAR	Karatay Array 61.61 316 P	IAMB	IAMB	08 10 13.0 -1.1					
KKAR	comp=Z,107nm,1.1s	IAMB	IAMB	08 10 28.5					
IUG	luzhnay 61.62 315 i/P	P	P	08 10 14.0 -0.3					
IUG	comp=Z,19nm,1.4s,baz=315	eS	S	08 18 33.5 +0.2					
IUG	baz=315	eS	S	08 18 33.5 +0.2					
IUG	comp=Z,848nm,19.1s,baz=315	LR	LR	08 38 06.5					
IUG	luzhnay 61.62 315c /P	P	P	08 10 13.9 -0.3					
IUG	comp=Z,19nm,1.4s	eS	S	08 18 33.5 +0.2					
IUG	comp=Z,19nm,1.4s	pmax	pmax						
IUG	comp=Z,848nm,19.0s	MLR	MLR						
TAS	Tashkent 61.87 314 P	P	P	08 10 15.6 -0.2					
TAS	comp=Z,175nm,1.0s	pmax	pmax						
TAS	comp=Z,12um,20.0s	MLR	MLR						
TAS	Tashkent 61.87 314 P	IAMS_20	IAMS_20	08 10 15.6 -0.2					
TAS	comp=Z,12um,20.0s	IAMS_20	IAMS_20	08 40 46.7					
KNTN	Kanton 62.38 96 IAMS_20	IAMS_20	IAMS_20	08 32 03.5					
OTUK	Ortay 62.41 322 P	P	P	08 10 18.3 -1.0					
DCZ	Deep Cove 62.55 149 P	IAMB	IAMB	08 10 22.1 +2.0					
DCZ	comp=Z,88nm,0.9s	IAMB	IAMB	08 10 31.1					
QRZ	Quartz Range 62.63 142 IAMS_20	IAMS_20	IAMS_20	08 40 41.6					
QRZ	comp=Z,10um,20.0s	IAMS_20	IAMS_20						
PYZ	Puysegur Point 62.79 150 IAMS_20	IAMS_20	IAMS_20	08 36 45.8					
BRZs	Berezni 62.94 324 i/P	P	P	08 10 31.7 +8.9					
BRZs	comp=Z,66nm,0.9s,baz=324	LR	LR	08 37 35.3					
BRZs	comp=Z,3um,17.2s,baz=324	LR	LR	08 37 35.3					
BRZs	Berezni 62.94 324c /P	P	P	08 10 31.7 +8.9					
BRZs	comp=Z,66nm,0.9s	pmax	pmax						
BRZs	comp=Z,3um,17.0s	MLR	MLR						
MLZ	Mavora Lakes 62.98 148 P	IAMB	IAMB	08 10 23.6 +0.5					
MLZ	comp=Z,67nm,1.1s	IAMS_20	IAMS_20	08 10 49.6					
MLZ	comp=Z,9um,20.0s	IAMS_20	IAMS_20	08 39 39.9					
AMKA	Amchitka 63.11 34 P	P	P	08 10 23.1 -0.7					
WHZ	Wether Hill Ro 63.24 149 IAMS_20	IAMS_20	IAMS_20	08 10 25.2 +0.4					
WHZ	comp=Z,10um,22.0s	IAMS_20	IAMS_20	08 35 47.9					
THZ	Tophouse 63.41 143 P	IAMB	IAMB	08 10 27.5 +1.4					
THZ	comp=Z,190nm,1.4s	IAMB	IAMB	08 10 56.9					
LBZ	Lake Benmore 63.45 146 P	IAMS_20	IAMS_20	08 10 24.4 -1.8					
LBZ	comp=Z,8um,19.0s	IAMS_20	IAMS_20	08 39 17.4					
RPZ	Rata Peaks 63.52 145 LR	LR	LR	08 38 07.7					
RPZ	comp=Z,4um,21.1s,baz=306,slow=36	LR	LR						
RPZ	Rata Peaks 63.52 145 IAMB	IAMB	IAMB	08 10 27.5 +0.8					
RPZ	comp=Z,87nm,0.8s	IAMS_20	IAMS_20	08 39 49.0					
RPZ	comp=Z,10um,20.0s	IAMS_20	IAMS_20						
LTZ	Lake Taylor 63.65 144 P	P	P	08 10 28.3 +0.7					
LTZ	comp=Z,9um,19.0s	IAMS_20	IAMS_20	08 40 13.4					
RAO	Raoul Island 63.73 126 LR	LR	LR	08 38 05.8					
RAO	comp=Z,4um,19.4s,baz=300,slow=36	LR	LR						
OXX	Oxford 63.84 144 P	IAMB	IAMB	08 10 29.1 +0.3					
OXX	comp=Z,141nm,1.5s	IAMB	IAMB	08 10 59.4					
TUWZ	Tuamarina 63.85 142 P	P	P	08 10 29.2 +0.3					
URK	Urewera 64.17 137 LR	LR	LR	08 36 44.4					

URZ	comp=Z,44um,21.7s,baz=318,slow=34	IAMS_20	IAMS_20	08 36 22.1					
URZ	Urewera 64.17 137 IAMS_20	IAMS_20	IAMS_20	08 36 22.1					
BKZ	Kahutara 64.18 143 IAMS_20	IAMS_20	IAMS_20	08 39 54.5					
BKZ	comp=Z,12um,22.0s	IAMS_20	IAMS_20						
BKZ	Black Stump Fm 64.23 139 P	IAMB	IAMB	08 10 31.3 -0.3					
BKZ	comp=Z,99nm,0.9s	IAMB	IAMB	08 10 51.4					
BKZ	comp=Z,11um,22.0s	IAMS_20	IAMS_20	08 36 03.7					
SNZO	South Karori 64.26 141 IAMS_20	IAMS_20	IAMS_20	08 37 14.5					
SNZO	comp=Z,12um,20.0s	IAMS_20	IAMS_20						
MXZ	Matakaoa Point 64.63 136 IAMS_20	IAMS_20	IAMS_20	08 36 39.2					
MXZ	comp=Z,11um,22.0s	IAMS_20	IAMS_20						
BFZ	Birch Farm 64.88 140 IAMS_20	IAMS_20	IAMS_20	08 40 29.0					
BFZ	comp=Z,10um,20.0s	IAMS_20	IAMS_20						
BVAO	Borovoye Array 65.54 327 i/P	P	P	08 10 38.6 -1.2					
BVAO	Borovoye Array 65.54 327 P	P	P	08 10 38.7 -1.0					
BVAO	comp=Z,66nm,0.7s,baz=127,slow=9.5,SNR=67	P	P						
HRA	Herat 65.55 305 P	IAMB	IAMB	08 10 39.3 -1.2					
HRA	comp=Z,82nm,1.1s	IAMS_20	IAMS_20	08 44 35.0					
HRA	comp=Z,10um,22.0s	IAMS_20	IAMS_20						
ADK	Adak 65.59 35 P	P	P	08 10 39.3 -0.8					
ADK	comp=Z,302nm,1.9s	pmax	pmax						
ADK	Adak 65.59 35 P	P	P	08 10 39.2 -0.8					
ADK	comp=Z,14um,22.0s	IAMS_20	IAMS_20	08 33 58.1					
BRVK	Borovoye 65.61 327 P	pmax	pmax	08 10 39.4 -0.8					
BRVK	comp=Z,269nm,1.2s	MLR	MLR						
BRVK	comp=Z,13um,20.0s	MLR	MLR						
BRVK	Borovoye 65.61 327 P	P	P	08 10 39.4 -0.8					
TIXI	Tiksi 65.94 1 S	S	S	08 19 25.2 -0.5					
TIXI	comp=Z,7.5nm,0.8s,baz=200,slow=14,SNR=21	S	S						
TIXI	Tiksi 65.94 1c /P	pmax	pmax	08 10 41.0 -1.0					
TIXI	comp=Z,141nm,0.9s	MLR	MLR						
TIXI	comp=Z,24um,22.0s	MLR	MLR						
TIXI	Tiksi 65.94 1 P	P	P	08 10 40.8 -1.1					
GSTR	Great Sitkin T 66.02 35 P	P	P	08 10 40.5 +2.1					
ATKA	Atka Island 67.13 35 P	IAMB	IAMB	08 10 47.1 -2.7					
ATKA	comp=Z,99nm,0.8s	IAMB	IAMB	08 11 15.0					
WSAR	Wadi Sarin 67.37 293 P	P	P	08 10 51.8 -0.2					
WSAR	comp=Z,9.1nm,0.6s,baz=118,slow=5.9,SNR=7.2	P	P						
BILL	Bilibino 67.80 15c /P	P	P	08 10 52.9 -1.0					
BILL	comp=Z,11um,22.0s	P	P	08 11 21.5					
BILL	Arti 67.80 15 P	IAMB	IAMB	08 11 33.9					
BILL	comp=Z,54nm,1.2s	IAMB	IAMB	08 13 18.8					
BILL	Bilibino 67.80 15 P	IAMB	IAMB	08 19 51.0 +2.7					
BILL	comp=Z,67nm,1.1s	pmax	pmax	08 24 14.4 +4.1					
BILL	comp=Z,11um,22.0s	IAMS_20	IAMS_20	08 38 30.4					
BIDO	Bidbid SNR=11	P	P	08 10 54.8 -0.2					
BIDO	SNR=11	P	P	08 10 54.8 -0.2					

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like L34A Svendens Farm, SCHQ Schefferville, CEU Ceuta, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like I45A Fountain, K43A Burlington, D50A Lot 18 Range 1, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like H53A Bobcaygeon, G55A Calabogie, P46A Plover, etc.

X43A	Marvell	126.78	39	IAMS_20	IAMS_20	09 06 26.4			
G61A	St-Isidore-de-	126.82	16	P	PKPdf	08 19 00.0	0.0		
WCI	Wyandotte Cave	126.83	32	PKIKP	PKIKP	08 19 00.6	-0.1		
WCI	Wyandotte Cave	126.83	32	PKIKP	PKIKP	08 19 00.4	-0.2		
WCI	Wyandotte Cave	126.83	32	IAMS_20	IAMS_20	09 17 60.0			
WCI	Wyandotte Cave	126.83	32	P	PKIKP	08 19 00.0	-0.1		
K54A	Basiliok Farm,	126.83	23	P	PKPdf	08 19 00.0	-0.1		
H58A	Gabriels	126.84	18	P	PKIKP	08 19 00.4	-0.2		
L54A	Sinclairville	126.91	24	P	PKPdf	08 19 00.2	-0.1		
J56A	Wolcott	126.95	21	P	PKPdf	08 19 00.1	-0.1		
J56A	Wolcott	126.95	21	IAMS_20	IAMS_20	09 09 26.2			
ACSO	Alum Creek Sta	126.95	28	P	PKPdf	08 19 00.5	+0.1		
ACSO	Alum Creek Sta	126.95	28	IAMS_20	IAMS_20	09 18 26.7			
MET	Memphis-Engin	126.96	37	IAMS_20	IAMS_20	09 09 10.0			
M55A	Perry	126.97	22	P	PKPdf	08 19 00.3	-0.1		
K53A	W Miller and	127.00	25	P	PKPdf	08 19 00.0	0.0		
M53A	W Miller and	127.00	25	IAMS_20	IAMS_20	09 16 00.0			
MMNY	Mt. Morris Dam	127.03	22	IAMS_20	IAMS_20	09 18 42.5			
F63A	Nahmakanta, Br	127.04	14	P	PKIKP	08 19 00.9	0.0		
F63A	Nahmakanta, Br	127.04	14	PKPdf	PKPdf	08 18 56.7	-3.7		
F63A	Nahmakanta, Br	127.04	14	IAMS_20	IAMS_20	09 13 24.4			
WVNY	West Valley, N	127.04	23	PKPdf	PKPdf	08 19 00.5	0.0		
WVNY	West Valley, N	127.04	23	IAMS_20	IAMS_20	09 18 02.8			
ALLY	Alegheny Colle	127.06	25	IAMS_20	IAMS_20	09 18 05.3			
F64A	Sherman	127.06	13	P	PKIKP	08 19 00.7	-0.2		
F64A	Sherman	127.06	13	PKPdf	PKPdf	08 18 56.5	-3.9		
F64A	Sherman	127.06	13	IAMS_20	IAMS_20	09 18 41.9			
N52A	McCinn's Farm,	127.07	27	P	PKIKP	08 19 01.0	-0.1		
J57A	Williamstown	127.13	20	P	PKPdf	08 19 00.7	+0.1		
J57A	Williamstown	127.13	20	IAMS_20	IAMS_20	09 17 07.1			
G62A	West of Eustis	127.14	15	P	PKIKP	08 19 01.0	-0.1		
H60A	Morrison	127.16	17	P	PKPdf	08 19 00.9	+0.2		
O51A	Pataskala	127.19	28	P	PKPdf	08 19 00.8	0.0		
NCB	Newcomb	127.22	19	IAMS_20	IAMS_20	09 12 08.4			
I58A	Old Forge	127.23	19	P	PKIKP	08 19 01.1	-0.2		
K56A	Middlesex	127.28	22	P	PKPdf	08 19 01.2	+0.3		
L55A	Hinsdale	127.30	23	P	PKPdf	08 19 01.0	0.0		
R49A	Shelbyville	127.37	31	IAMS_20	IAMS_20	09 17 48.2			
M54A	Oil Creek Stat	127.37	25	P	PKPdf	08 19 01.4	+0.2		
M54A	Oil Creek Stat	127.37	25	PKPdf	PKPdf	08 19 00.6	-0.6		
M54A	Oil Creek Stat	127.37	25	IAMS_20	IAMS_20	09 18 15.7			
W45A	Hickory Valley	127.39	37	IAMS_20	IAMS_20	09 18 16.2			
H61A	Lyndonville	127.40	16	P	PKIKP	08 19 01.7	0.0		
PKME	Peaks-Kenny Pk	127.41	14	P	PKIKP	08 19 01.5	-0.1		
PKME	Peaks-Kenny Pk	127.41	14	IAMS_20	IAMS_20	09 21 24.1			
J58A	Remsen	127.42	20	P	PKIKP	08 19 01.5	-0.2		
J58A	Remsen	127.42	20	IAMS_20	IAMS_20	09 23 21.7			
N53A	Lisbon	127.45	26	P	PKPdf	08 19 01.4	+0.1		
N53A	Lisbon	127.45	26	IAMS_20	IAMS_20	09 13 08.9			
G63A	Kingsbury	127.47	14	P	PKIKP	08 19 02.0	+0.3		
I59A	Oldsteadville	127.49	18	P	PKIKP	08 19 01.7	-0.1		
P51A	Williamsport	127.50	29	P	PKPdf	08 19 01.2	-0.2		
WVT	Waverly	127.50	35	PKIKP	PKIKP	08 19 00.4	-1.1		
WVT	Waverly	127.50	35	PKIKP	PKIKP	08 19 01.9	-0.2		
WVT	Waverly	127.50	35	IAMS_20	IAMS_20	08 19 00.4	-1.1		
WVT	Waverly	127.50	35	IAMS_20	IAMS_20	09 11 12.1			
G64A	Maxfield	127.55	13	P	PKIKP	08 19 02.0	+0.1		
K57A	Sciop Center	127.55	21	P	PKIKP	08 19 01.8	-0.1		
O52A	Adamsville	127.57	27	P	PKPdf	08 19 01.6	0.0		
O52A	Adamsville	127.57	27	IAMS_20	IAMS_20	09 16 49.1			
H62A	Milan	127.58	16	P	PKIKP	08 19 02.4	+0.4		
H62A	Milan	127.58	16	IAMS_20	IAMS_20	09 13 46.6			
J59A	Piesco	127.59	19	P	PKIKP	08 19 01.9	-0.2		
J59A	Piesco	127.59	19	PKPdf	PKPdf	08 19 01.1	-0.4		
I60A	Shoreham	127.63	18	P	PKIKP	08 19 02.2	+0.2		
441A	DeRidder	127.64	44	IAMS_20	IAMS_20	09 13 08.5			
LBNH	Lisbon	127.67	17	PKIKP	PKIKP	08 19 02.0	-0.2		
LBNH	Lisbon	127.67	17	PKIKP	PKIKP	08 19 02.3	+0.1		
LBNH	Lisbon	127.67	17	PKIKP	PKIKP	08 19 02.0	-0.2		
LBNH	Lisbon	127.67	17	PKIKP	PKIKP	08 19 02.0	+0.2		
L56A	Greenwood	127.67	22	IAMS_20	IAMS_20	09 19 02.5			
N54A	Moraine State	127.69	25	P	PKIKP	08 19 02.1	-0.3		
N54A	Moraine State	127.69	25	PKPdf	PKIKP	08 19 02.0	-0.3		
N54A	Moraine State	127.69	25	IAMS_20	IAMS_20	09 16 29.1			
OXF	Oxford	127.69	38	P	PKPdf	08 19 01.8	-0.1		
OXF	Oxford	127.69	38	IAMS_20	IAMS_20	09 12 27.4			
O53A	New Philadelphia	127.74	27	P	PKPdf	08 19 02.0	+0.1		
LMN	Caledonia Moun	127.77	10	IAMS_20	IAMS_20	09 19 33.5			
M55A	Ridgway	127.77	24	P	PKIKP	08 19 02.5	0.0		
M55A	Ridgway	127.77	24	IAMS_20	IAMS_20	09 17 35.2			
H63A	New Sharon	127.79	15	P	PKIKP	08 19 02.4	+0.1		
R50A	Paris	127.81	31	IAMS_20	IAMS_20	09 16 34.7			
P52A	Corning	127.82	28	P	PKPdf	08 19 02.1	+0.1		
K58A	Earlville	127.82	20	P	PKPdf	08 19 02.3	+0.3		
K58A	Earlville	127.82	20	IAMS_20	IAMS_20	09 21 36.4			
342A	Flagon Creek P	127.85	43	IAMS_20	IAMS_20	09 17 50.0			
G65A	Princeton	127.86	12	P	PKIKP	08 19 02.4	0.0		

G65A	Princeton	127.86	12	IAMS_20	IAMS_20	09 18 16.1			
I61A	Oroboro, Fair	127.87	17	P	PKIKP	08 19 02.7	+0.1		
ACCN	Adirack Camp	127.93	18	IAMS_20	IAMS_20	09 13 11.1			
WVL	Waterville	127.97	15	IAMS_20	IAMS_20	09 22 36.1			
M56A	Emporium	127.99	23	P	PKIKP	08 19 02.8	-0.1		
M56A	Emporium	127.99	23	PKPdf	PKIKP	08 19 02.8	-0.1		
M56A	Emporium	127.99	23	IAMS_20	IAMS_20	09 17 59.0			
H64A	Emporium	128.01	14	P	PKPdf	08 19 02.3	0.0		
HNN	Hanover	128.06	17	IAMS_20	IAMS_20	09 26 51.5			
L57A	Andrews Acres	128.06	22	P	PKIKP	08 19 02.8	-0.2		
K59A	Cooperstown	128.09	20	P	PKIKP	08 19 03.1	0.0		
GGN	Saint George	128.09	12	PKIKP	PKIKP	08 19 03.5	+0.6		
GGN	Saint George	128.09	12	IAMS_20	IAMS_20	09 15 33.3			
J60A	Lant Hill Farm	128.13	18	P	PKIKP	08 19 03.0	-0.2		
O54A	Avella	128.17	26	P	PKIKP	08 19 03.4	+0.1		
PLA2	Pickwick Lake	128.17	36	IAMS_20	IAMS_20	09 14 34.8			
I62A	Tamworth	128.17	16	P	PKIKP	08 19 03.4	+0.2		
H65A	Eastbrook	128.19	13	P	PKIKP	08 19 03.2	0.0		
BINY	Binghamton	128.20	21	P	PKIKP	08 19 03.4	+0.1		
BINY	Binghamton	128.20	21	IAMS_20	IAMS_20	09 14 54.4			
I63A	Otisfield	128.22	16	P	PKIKP	08 19 03.4	+0.2		
I63A	Otisfield	128.22	16	IAMS_20	IAMS_20	09 21 53.6			
N55A	Marion Center	128.26	24	P	PKPdf	08 19 03.0	+0.1		
P53A	Whipple	128.28	27	P	PKIKP	08 19 03.4	-0.2		
Q52A	Whipple	128.28	27	PKPdf	PKPdf	08 19 01.2	-1.7		
Q52A	Whipple	128.28	27	IAMS_20	IAMS_20	09 18 02.9	0.0		
J61A	Whipple	128.31	18	P	PKIKP	08 19 03.7	+0.3		
H66A	Whiting	128.31	12	P	PKPdf	08 19 03.1	+0.3		
PMAR	Madeline	128.32	320	ePKP	PKIKP	08 19 05.0	+1.0		
PMAR	Madeline	128.32	320	ePP	PKIKP	08 21 11.7	+4.4		
EMMW	East Machias	128.35	13	IAMS_20	IAMS_20	09 15 00.1			
FUL	Funchal	128.36	320	ePP	PP	08 21 11.2	+3.9		
V48A	Smith Brothers	128.36	35	IAMS_20	IAMS_20	09 10 56.6			
CLTN	Cedars of Leba	128.38	34	IAMS_20	IAMS_20	09 13 00.1			
L58A	Harry Jones Me	128.38	21	P	PKIKP	08 19 03.7	0.0		
N56A	West Decatur	128.43	24	P	PKIKP	08 19 03.6	-0.2		
PMOZ	Porto Moniz, M	128.44	320	eLR	LR	09 04 49.1			
T50A	Nancy	128.50	32	IAMS_20	IAMS_20	09 08 02.2			
VBMS	Vicksburg	128.51	41	P	PKIKP	08 19 04.2	0.0		
VBMS	Vicksburg	128.51	41	IAMS_20	IAMS_20	09 10 05.3			
TRY	Troy	128.52	19	IAMS_20	IAMS_20	09 22 26.6			
M57A	Sunshine Farm,	128.53	23	P	PKIKP	08 19 03.9	-0.1		
M57A	Sunshine Farm,	128.53	23	IAMS_20	IAMS_20	09 19 26.1			
L59A	Walton	128.54	20	P	PKIKP	08 19 04.0	-0.1		
L59A	Walton	128.54	20	IAMS_20	IAMS_20	09 25 06.3			
K60A	Five Rivers En	128.55	19	P	PKIKP	08 19 04.2	+0.3		
I64A	Boothbay	128.59	15	P	PKIKP	08 19 03.9	0.0		
O55A	Ligonier	128.61	25	P	PKPdf	08 19 03.9	+0.3		
J62A	Henniker	128.63	17	P	PKIKP	08 19 04.4	+0.2		
S51A	Beattyville	128.67	31	IAMS_20	IAMS_20	09 18 12.6			
K61A	Williamstown	128.70	19	P	PKIKP	08 19 04.4	+0.1		
Q53A	Ler	128.72	28	P	PKIKP	08 19 04.1	-0.3		
M58A	Price's Panora	128.75	22	P	PKIKP	08 19 04.3	-0.1		
J63A	Stratford	128.79	16	P	PKIKP	08 19 04.7	+0.2		
MCWV	Mont Chateau	128.83	26	P	PKIKP	08 19 04.6	0.0		
SSPA	Standing Stone	128.83	24	IAMS_20	IAMS_20	09 23 18.2			
SSPA	Standing Stone	128.83	24	IAMS_20	IAMS_20	09 23 18.2			
KSPA	Keystone Colle	128.84	21	IAMS_20	IAMS_20	09 23 50.4			
344A	Wesbrook Farm	128.86	41	IAMS_20	IAMS_20	09 14 42.7			
N57A	Milroy	128.86	23	P	PKIKP	08 19 04.7	0.0		

14d 8h

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like V54A Nebo, Q60A Greensboro, Z51A Franklin, etc.

2014 JUL

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like 061Z Ochoppi, MTO3 Montercioto, SNET Serv Nac Est T, etc.

708

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KRVT, RABL, RPSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SATY, KPKS, NIL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKSA, FALS, AKUT, etc.

ZON	Zonda	14.29 164	P	Pn	11 28 00.1 +0.6
ZON	Zonda	14.29 164	P	Pn	11 28 00.1 +0.6
CFA	Coronel Fontan	14.47 162	Pn	Pn	11 28 03.0 +1.0
CFA	comp-Z, 1.4nm, 0.3s, baz=341, slow=35		S	Sn	11 30 29.3 -1.3
CFA	comp-Z, 2.6nm, 0.3s, baz=209, slow=18, SNR=7.0		LR	LR	11 31 03.16
VA03	San Esteban	15.08 171	P	Pn	11 28 11.2 +1.1
VA03	comp-Z, 1.95nm, 1.1s		Iamb	Iamb	11 28 19.5
ROC1	Ei Roble	15.22 172	P	Pn	11 28 12.8 +0.7
MT02	Curacav	15.48 173	P	Pn	11 28 15.4 0.0
MT05	Renca	15.67 172	P	Iamb	11 28 20.3 -1.5
MT05	comp-Z, 3.88nm, 1.3s		Iamb	Iamb	11 28 26.0
BO01	Tunca	16.61 173	P	Pn	11 28 29.5 -0.3
BO02	Sierra Bellavi	17.04 173	P	Pn	11 28 35.7 +0.3
SALV	Santo Antonio	17.04 86	eP	Pn	11 28 32.7 -2.7
CPUP	Villa Florida	17.10 122	P	Pn	11 28 35.1 -1.0
CPUP	comp-Z, 0.3nm, 0.3s, baz=305, slow=12, SNR=13		S	Sn	11 28 35.3 -0.8
CPUP	Villa Florida	17.10 122	P	Pn	11 28 35.3 -0.8
CPUP	comp-Z, 3.6nm, 1.0s		Iamb	Iamb	11 28 35.2 -0.8
CPUP	Villa Florida	17.10 122	eP	Pn	11 28 35.6 -0.4
GO05	Huala	17.15 176	P	P	11 28 38.0 -0.2
CLDB	Colider	18.39 70	eP	P	11 28 50.1 -1.9
PUAC	Puerto Asis	18.54 300	eP	Pn	11 28 54.3 +0.3
CUSE	Cucocha Este	18.70 344	eP	Pn	11 28 57.2 +1.0
PACT	Pacto, P	18.77 343	eP	Pn	11 28 57.3 +0.5
BI02	San Fabín de	18.84 175	P	Pn	11 28 58.9 +1.3
MACA	Manacapurú-AM	19.18 42	eP	P	11 28 59.4 -1.4
GCUF	Volcan Galeras	19.34 348	eP	Pn	11 29 07.0 +2.9
C25B	Chapadão do Su	19.53 96	eP	Pn	11 29 05.2 +0.6
CRUG	La Cruz	19.53 96	eP	Pn	11 29 05.2 +0.6
MARC	Macarena, Meta	19.87 359	eP	P	11 29 07.9 -0.3
GACC	Garzon, Huila	20.01 354	eP	P	11 29 10.4 +0.4
TRCB	Terra Rica	20.07 108	eP	P	11 29 11.3 +0.8
BBAC	Balboa, Cauca	20.10 349	eP	P	11 29 10.8 -0.2
SOTA	Rioblanco	20.10 351	eP	Pn	11 29 13.1 0.0
PCON	Cinco Dias	20.25 351	eP	Pn	11 29 15.6 +0.6
GUVC	San Jose del G	20.27 2	eP	P	11 29 09.6 -3.1
BETC	Betania	20.50 354	eP	Pn	11 29 16.7 -0.6
NPGB	Novo Progresso	20.59 61	eP	P	11 29 14.8 -1.4
MARP	Paez Belalcaza	20.71 353	eP	P	11 29 16.6 -1.1
ARAG	Araguainana, MT	20.77 87	eP	Pn	11 29 18.2 +0.1
PTGB	Pitanga	21.00 113	eS	P	11 29 22.7 +1.2
LC01	Cunco	21.02 177	P	P	11 33 16.0 +1.9
PCMB	Pacaemba	21.16 104	eP	P	11 29 20.7 +0.1
GRIC	Gorgona, Isla	21.24 347	eP	P	11 29 23.1 +0.9
PRAC	Prado	21.47 363	eP	P	11 29 22.9 -0.2
PTGA	Pitinga	21.52 39	P	P	11 29 25.1 -1.0
PTGA	comp-Z, 0.7nm, 0.7s, baz=213, slow=12, SNR=39		S	S	11 33 11.9 -1.3
PTGA	comp-Z, 1.0nm, 0.9s, baz=183, slow=17, SNR=2.6		LR	LR	11 38 28.1
PTGA	comp-Z, 4.4m, 19.0s, baz=216, slow=39		LR	LR	11 38 28.1
PTGA	Pitinga	21.52 39	P	P	11 29 24.6 -1.6
PTGA	Pitinga	21.52 39	eP	P	11 29 24.7 -1.5
ORTC	Ortega, Tolima	21.69 355	eP	P	11 29 27.8 -0.2
FRAB	Concordia	21.72 119	eP	P	11 29 28.4 +0.3
ITAB	Concordia	21.72 119	eS	S	11 33 29.5 +1.4
VILC	Villavicencio,	21.82 359	eP	P	11 29 30.8 +1.3
ITTB	Itaituba	21.86 54	eP	P	11 29 28.9 -0.9
ITTB	Itaituba	21.86 54	eS	S	11 33 25.2 -5.8
ITRB	Iturama	21.88 99	eP	P	11 29 30.5 +0.5
Votoco, Valle		21.88 352	eP	P	11 29 29.6 +1.0
PTGC	Puerto Gaitan,	21.94 3	eP	P	11 29 29.6 -1.0
CPSS	Cacapava Do Su	22.04 128	eP	P	11 29 32.9 +1.2
ANIL	Santa Ana	22.28 355	eP	P	11 29 37.5 +2.7
CHIC	Chingaza	22.33 359	eP	P	11 29 37.6 +2.4
TOLC	Tolima	22.37 355	eP	P	11 29 35.6 +0.1
ROSC	Ei Rosal	22.68 358	eP	P	11 29 39.3 +1.7
ROSC	comp-Z, 5.7nm, 0.8s, baz=172, slow=7.3, SNR=28		LR	LR	11 38 09.4
ROSC	comp-Z, 1.1m, 21.7s, baz=215, slow=36		P	P	11 29 39.6 +1.9
ROSC	Ei Rosal	22.56 358	eP	P	11 29 38.1 +0.5
ROSC	Ei Rosal	22.56 358	Iamb	Iamb	11 29 38.1 +0.5
ROSC	Ei Rosal	22.56 358	P	P	11 29 44.7
ROSC	comp-Z, 3.17nm, 1.4s		Iamb	Iamb	11 29 44.7
PLTB	Pedras Altas	22.63 131	eP	P	11 29 38.5 +0.6
PLMC	San Jos del P	22.78 353	eP	P	11 29 40.9 +0.5
PLCA	Paso Flores	22.94 174	P	P	11 29 42.8 +1.6
PLCA	comp-Z, 1.02nm, 0.9s, baz=353, slow=10, SNR=103		PcP	PcP	11 33 33.2 +1.9
PLCA	comp-Z, 1.1nm, 0.9s, baz=355, slow=2.7, SNR=5.0		LR	LR	11 37 45.4
PLCA	comp-Z, 4.28nm, 18.6s, baz=328, slow=34		LR	LR	11 37 45.4
PLCA	Paso Flores	22.94 174	eP	P	11 29 41.4 +0.2
PLCA	Paso Flores	22.94 174	P	P	11 29 41.4 +0.2
PLCA	Paso Flores	22.94 174	Iamb	Iamb	11 29 44.5
PLCA	comp-Z, 1.32nm, 0.9s		PcP	PcP	11 33 33.2 +1.9
FRTB	Fatura	22.95 108	eP	P	11 29 41.4 -0.1
FRTB	Fatura	22.95 108	eS	S	11 33 53.5 +2.3
GYU2C	Guyana, Caldas	23.00 355	eP	P	11 29 43.5 +1.1
NORC	Norcasia	23.05 355	eP	P	11 29 45.3 +0.3
SPBC	San Pablo de B	23.36 358	eP	P	11 29 45.9 +0.3
CNBL	Canela	23.55 123	eP	P	11 29 47.7 +0.2
RUSC	La Rusia	23.59 1	eP	P	11 29 49.2 +0.9
RUSC	La Rusia	23.59 1	P	P	11 29 47.8 -0.6
BB19B	Bebedouro	23.65 102	eP	P	11 29 46.6 -0.0
BB19B	Bebedouro	23.65 102	S	S	11 33 03.9 -0.9
CBOC	Ciudad Bolívar	23.70 353	eP	P	11 29 49.2 +0.1
TJ01	Guarava-PR	23.84 112	eP	P	11 29 51.3 +1.0
IPMB	Ipameri, GO	23.95 94	eP	P	11 29 51.3 -0.1
IPMB	Ipameri, GO	23.95 94	eS	S	11 34 06.8 -0.8
HELCO	Santa Helena	23.97 355	eP	P	11 29 49.8 -2.1
SOLC	Bahia Solano	24.24 350	eP	P	11 29 53.8 -0.2
PTBC	PUERTO BERRIO,	24.25 357	eP	P	11 29 52.3 -1.7
BARC	Barichara	24.28 0	eP	P	11 29 53.6 -1.0
BDFB	Brasilia	24.39 89	eP	P	11 29 55.9 +0.4
BDFB	comp-Z, 2.1nm, 0.7s, baz=265, slow=11, SNR=20		LR	LR	11 41 45.6
BDFB	comp-Z, 4.88nm, 19.2s, baz=280, slow=42		LR	LR	11 41 45.6
BDFB	Brasilia	24.39 89	P	P	11 29 55.0 -0.5
BDFB	Brasilia	24.39 89	Pmax	Pmax	11 29 55.0 -0.5
BDFB	Brasilia	24.39 89	P	P	11 29 55.0 -0.5
LL01	San Ignacio de	24.47 178	P	P	11 29 55.3 -0.5
LL01	San Ignacio de	24.47 178	Iamb	Iamb	11 29 58.5
LL01	comp-Z, 1.22nm, 1.2s		P	P	11 29 57.4 +0.2
MALB	Monte Alegre	24.60 52	eP	P	11 34 16.0 -1.9
MALB	Monte Alegre	24.60 52	eS	S	11 34 16.0 -1.9
RCLB	Rio Claro- Sao	24.68 105	eP	P	11 29 59.2 +1.1
DBBC	Dabeiba	24.86 353	eP	P	11 30 00.3 +0.6
PEXB	Peixe	24.88 80	eP	P	11 30 00.9 +1.0
SPB	Sao Paulo	24.92 108	eP	P	11 29 59.8 -0.4
SPB	Sao Paulo	24.92 108	Iamb	Iamb	11 30 03.2
SPB	comp-Z, 88nm, 1.0s		P	P	11 30 06.6 +0.4
SPB	Sao Paulo	24.92 108	eS	S	11 34 24.6 +1.6
PAMC	Panpiona, Colo	25.03 2	eP	P	11 30 01.1 -1.5
PET01	Pituaçu-SP	25.17 109	eP	P	11 30 02.0 -0.3
PET01	Pituaçu-SP	25.17 109	eS	S	11 34 27.8 +0.8
PTAC	Punta Arditá,	25.21 350	eP	P	11 30 04.6 +1.8
ZARC	Zaragoza, Cauc	25.22 357	eP	P	11 30 02.1 -0.7
VAO	Valinhos	25.27 106	eP	P	11 30 04.5 +1.1
UREC	San Jos de Ur	25.32 355	eP	P	11 30 06.1 +0.5
PRPB	Parauapebas	25.77 86	eP	P	11 30 07.6 +0.6
OCAC	Ocana	25.91 0	eP	P	11 30 04.2 -5.2
SMLC	San Martín de	26.48 358	eP	P	11 30 12.9 -1.4
PARB	Paraíba	26.54 107	eP	P	11 30 15.6 +0.7
PARB	Paraíba	26.54 107	eS	S	11 34 49.2 +0.4
SMTB	Santa Maria do	26.61 74	eP	P	11 30 15.0 0.0
LCBC	Los crdoabs,	26.69 353	eP	P	11 30 20.6 -4.4
SDV	Santo Domingo	26.70 6	P	P	11 30 16.1 -0.4
SDV	comp-Z, 4.7nm, 0.9s, baz=206, slow=7.8, SNR=21		LR	LR	11 41 39.2
SDV	comp-Z, 1.1m, 19.8s, baz=194, slow=38		LR	LR	11 41 39.2
SDV	Santo Domingo	26.70 6	P	P	11 30 15.6 -0.8
BAUV	Ei Baul	27.12 13	P	P	11 30 19.8 -0.4
BAUV	Ei Baul	27.12 13	Iamb	Iamb	11 30 21.7
BSBC	Boim Cessao	27.15 101	eP	P	11 30 21.7 +1.2
ARGC	Arguano, Magd	27.54 358	eP	P	11 30 27.8 +4.0
SJCC	San Jacinto, C	27.62 356	eP	P	11 30 26.2 +1.7
COYC	Coyhaique	27.67 178	P	P	11 30 24.6 -0.1
COYC	Coyhaique	27.67 178	Iamb	Iamb	11 30 26.4
COYC	comp-Z, 6.7nm, 0.9s		Iamb	Iamb	11 30 26.4

MAN01	Angra dos Reis	28.01 105	eP	P	11 30 29.0 +0.9
MAN01	Angra dos Reis	28.01 105	eS	S	11 35 12.3 +0.3
JANB	Januaria	28.01 89	eP	P	11 30 29.2 +1.0
YAS01	Vassouras-RJ	28.45 104	eS	P	11 35 19.1 +0.2
PCRV	Pourto La Cruz	29.15 18	P	P	11 30 38.3 +0.1
PCRV	comp-Z, 5.7nm, 0.7s, baz=146, slow=6.8, SNR=4.3		LR	LR	11 42 54.2
PCRV	comp-Z, 3.3m, 20.5s, slow=38		LR	LR	11 42 54.2
JTS	Las Juntas de	30.20 337	P	P	11 30 44.5 -3.0
JTS	Las Juntas de	30.20 337	Pmax	Pmax	11 30 44.5 -3.0
JTS	comp-Z, 5.0nm, 0.7s		Pmax	Pmax	11 30 51.2 +0.4
SJMB	Sao Joao De Ma	30.57 97	eP	P	11 30 51.7 +0.3
MDP	Monte das	30.64 44	eP	P	11 30 51.2 +0.4
MDP	comp-Z, 2.0nm, 0.9s, baz=208, slow=6.8, SNR=8.7		LR	LR	11 43 57.7
MDP	comp-Z, 4.4m, 18.4s, baz=222, slow=38		LR	LR	11 43 57.7
BSFB	Barra de Sao F	30.88 97	eP	P	11 30 54.7 +1.1
RIB01	Linhares ES	31.28 98	eP	P	11 30 57.3 +0.2
ROSB	Rosario	32.31 66	eP	P	11 31 06.1 0.0
ROSB	Rosario	32.31 66	eS	S	11 36 17.3 -2.2
GDU01	Guandu, BA	32.77 88	eP	P	11 31 10.4 +0.2
GDU01	Guandu, BA	32.77 88	eS	S	11 36 25.7 -0.9
TCUHU	Cabaceiras do	33.38 86	eP	P	11 31 15.0 -0.6
TCUHU	Tegucigalpa, Un	34.53 336	P	P	11 31 25.8 +0.2
NBMO	Morrinhos-CE	35.72 70	eP	P	11 31 35.7 -0.2
ESQJ	Escalvadas	35.84 333	Iamb	Iamb	11 31 43.3
MDTJ	Mount Denham	36.07 353	Iamb	Iamb	11 31 41.6
MLPR	Maguerez 1.3s	36.13 10	Iamb	Iamb	11 31 39.4
MLPR	Maguerez 1.3s	36.13 10	Iamb	Iamb	11 31 39.4
CRPR	Cabo Rojo, PR	36.16 10	P	P	11 31 37.9 -1.4
CRPR	Cabo Rojo, PR	36.16 10	Iamb	Iamb	11 31 40.3
OBIP	comp-Z, 1.32nm, 1.4s		Iamb	Iamb	11 31 43.6
OBIP	Obispado Ponce	36.28 11	Iamb	Iamb	11 31 43.6
MPR	Mayaguez	36.35 10	P	P	11 31 39.4 -1.6
MPR	Mayaguez	36.35 10	Iamb	Iamb	11 31 41.9
PDPR	Patillas Dam,	36.37 12	P	P	11 31 39.6 -1.6
PDPR	Patillas Dam,	36.37 12	Iamb	Iamb	11 31 42.5
SJG	San Juan	36.43 12	P	P	11 31 40.6 -1.1
SJG	San Juan	36.43 12	eP	P	11 31 41.5 -3.1
SJG	San Juan	36.43 12	P	P	11 31 37.3 -4.4
SJG	San Juan	36.43 12	P	P	11 31 39.8 -1.9
SJG	San Juan	36.43 12	Pmax	Pmax	11 31 39.8 -1.9
SJG	San Juan	36.43 12	P	P	11 31 39.8 -1.9
SJG	San Juan	36.43 12	Iamb	Iamb	11 31 43.0
SKI	Saint Kitts	36.49 17	P	P	11 31 41.2 -1.1
SKI	Saint Kitts	36.49 17	Pmax	Pmax	11 31 41.2 -1.1
SKI	Saint Kitts	36.49 17</			

K22A	Casper	67.49 334	P	P	11 35 33.2 +0.2
K22A	Casper	67.49 334	I Amb	I Amb	11 35 34.4
LRMC	Lurel Mtn Rd	67.64 322	P	P	11 35 34.8 +0.7
OSI	Osito Audit: C	67.67 321	P	P	11 35 34.5 +0.4
RSSD	Black Hills	67.74 337	P	P	11 35 34.6 0.0
RSSD	Black Hills	67.74 337	P	P	11 35 34.7 +0.1
RSSD	Black Hills	67.74 337	P	P	11 35 34.5 0.0
RSSD	Black Hills	67.74 337	I Amb	I Amb	11 35 36.0
SCZ2	Santa Cruz Isl	67.81 320	P	P	11 35 36.0 +1.0
TPNV	Topopah Spring	67.85 324	P	P	11 35 35.7 +0.3
TPNV	Topopah Spring	67.85 324	P	P	11 35 36.8 +1.4
TPNV	Topopah Spring	67.85 324	P	P	11 35 35.7 +0.3
TPNV	Topopah Spring	67.85 324	I Amb	I Amb	11 35 38.1
FURC	Furnace Creek	67.86 323	P	P	11 35 36.5 +1.3
MPMC	Manual Prospect	67.93 323	P	P	11 35 36.5 +0.6
ARVC	Arvin	68.08 321	P	P	11 35 37.8 +1.1
ISA	Isabella, Lake	68.23 322	P	P	11 35 38.4 +0.7
ISA	Isabella, Lake	68.23 322	P	P	11 35 39.0 +1.3
ISA	Isabella, Lake	68.23 322	P	P	11 35 38.4 +0.7
ISA	Isabella, Lake	68.23 322	I Amb	I Amb	11 35 40.1
CTU	Camp Tule	68.28 329	P	P	11 35 37.7 -0.3
DUG	Dugway, Toco	68.42 328	P	P	11 35 39.9 +1.1
TCUT	Toone Canyon	68.44 330	P	P	11 35 39.0 -0.1
R11A	Troy Canyon, C	68.49 325	I Amb	I Amb	11 35 40.8 +1.4
R11A	Troy Canyon, C	68.49 325	I Amb	I Amb	11 35 42.1
PKM	McPherson Peak	68.51 320	P	P	11 35 40.6 +1.0
GRAC	Grapevine Rang	68.51 323	P	P	11 35 40.6 +1.2
CWC	Cottonwood Cre	68.54 322	P	P	11 35 41.1 +1.4
VES	Vestal, Richgr	68.72 321	P	P	11 35 41.6 +1.0
AGMN	Agassiz Nation	68.84 344	P	P	11 35 40.5 -0.6
AGMN	Agassiz Nation	68.84 344	I Amb	I Amb	11 35 41.7
BW06	Boulder Array	68.89 332	P	P	11 35 41.5 -0.4
PDAR	Pinedale Array	68.89 332	P	P	11 35 41.5 -0.3
PDAR	Pinedale Array	68.89 332	I Amb	I Amb	12 03 52.5
HWUT	Hardware Ranch	68.90 330	I Amb	I Amb	11 35 43.3
SMWC	Simmer	69.01 320	P	P	11 35 43.3 +1.4
TIN	Tinemaha, Big	69.05 323	P	P	11 35 44.0 +1.2
BGU	Big Grass Mou	69.08 329	I Amb	I Amb	11 35 42.9 -0.1
PAGB	Antelope Grade	69.34 321	I Amb	I Amb	11 35 47.1
MDND	Madlock	69.48 341	P	P	11 35 45.7 +0.5
AHID	Auburn Hatcher	69.58 331	I Amb	I Amb	11 35 47.5
MLAC	Mammoth	69.60 323	P	P	11 35 48.9 +1.3
OMMB	Old Mammoth M	69.88 323	P	P	11 35 48.9 +0.7
OMMB	Old Mammoth M	69.88 323	I Amb	I Amb	11 35 50.5
SNOW	Snow King Moun	69.97 332	P	P	11 35 48.0 -0.6
SNOW	Snow King Moun	69.97 332	I Amb	I Amb	11 35 52.3
NVAR	Minia Array Bea	70.05 324	P	P	11 35 50.1 +1.0
NVAR	Minia Array Bea	70.05 324	I Amb	I Amb	12 03 52.0
ELK	Elko	70.06 327	P	P	11 35 48.6 -0.5
ELK	Elko	70.06 327	P	P	11 35 48.6 -0.5
ELK	Elko	70.06 327	I Amb	I Amb	11 35 48.6 -0.5
TPAW	Teton Pass	70.08 332	P	P	11 35 49.1 -0.2
TPAW	Teton Pass	70.08 332	I Amb	I Amb	11 35 51.0
FXWY	Fox Creek	70.23 332	I Amb	I Amb	11 35 51.8
RYN	Ryan	70.31 324	I Amb	I Amb	11 35 53.0
KVN	Kaiserville	70.37 324	I Amb	I Amb	11 35 53.1
ROSA	Rosalie	70.38 36	eP	P	11 35 54.9 +4.1
IMW	Indian Meadow	70.40 332	I Amb	I Amb	11 35 53.0
H17A	Grant Village	70.63 333	P	P	11 35 54.2 +1.6
H17A	Grant Village	70.63 333	P	P	11 35 53.0 +0.4
ULM	Lac du Bonnet	70.64 345	P	P	11 35 51.4 -0.8
RLMT	Red Lodge	70.65 334	P	P	11 35 53.2 +0.5
RLMT	Red Lodge	70.65 334	I Amb	I Amb	11 35 54.4
TBI	Tubuai	70.69 251	eS	S	11 45 09.0 +1.9
TBI	Tubuai	70.69 251	eLQ	LQ	11 54 16.0
TBI	Tubuai	70.69 251	eLR	LR	11 57 26.5
LKWY	Lake	70.69 333	P	P	11 35 54.0 +1.1
LKWY	Lake	70.69 333	I Amb	I Amb	11 35 55.8
LKWY	Lake	70.69 333	P	P	11 35 53.2 +0.3
LAO	LASA Array	70.73 337	P	P	11 35 54.4
LAO	LASA Array	70.73 337	I Amb	I Amb	11 35 54.4
PGRA	Graciosa	70.74 36	eP	P	11 35 55.3 +2.3
WAKR	Walker	70.74 323	P	P	11 35 54.6 +1.3
WAKR	Walker	70.74 323	I Amb	I Amb	11 35 56.2
YERR	Yerington	70.96 324	I Amb	I Amb	11 35 57.3
CMB	Columbia Colle	70.97 322	P	P	11 35 54.5 0.0
CMB	Columbia Colle	70.97 322	P	P	11 35 54.5 0.0
YMR	Madison River	71.02 333	P	P	11 35 56.0 +0.3
PSET	Sete Cidades	71.22 38	eP	P	11 35 56.0 0.0
PNTR	Pine Nut	71.23 324	P	P	11 35 56.9 +0.6
PNTR	Pine Nut	71.23 324	I Amb	I Amb	11 35 59.1
CMLA	Cha da Macela	71.29 38	eP	P	11 36 01.7 +5.3
QLMT	Earthquake Lak	71.35 332	P	P	11 35 57.5 +0.6
VCNR	Virginia City	71.41 324	I Amb	I Amb	11 36 00.0
DGMT	Dagmar	71.51 339	P	P	11 35 58.1 +0.6
RUBR	Rubicon Trail	71.52 323	I Amb	I Amb	11 36 03.8
PAHR	Pah Rah Range	71.54 324	I Amb	I Amb	11 36 00.8
LIC	Lamto	71.55 77	eP	P	11 35 57.9 -0.6
TIC	Toumudi	71.71 77	eP	P	11 35 59.0 -0.5
NVL	N'azarevskaya	71.72 160	eP	P	11 36 01.0 +2.5
NVL	N'azarevskaya	71.72 160	P	P	11 36 01.0 +2.5

HLID	Hailey	71.75 330	P	P	11 36 00.4 +1.1
BCYI	Bear Canyon	71.84 331	P	P	11 36 00.7 +0.9
BCYI	Kosar Erika	71.87 77	eP	P	11 35 59.6 -0.8
DBIC	Dimbokro	71.87 77	P	P	11 36 00.6 +0.2
DBIC	Dimbokro	71.87 77	P	P	12 05 23.6
DBIC	Dimbokro	71.87 77	P	P	11 35 59.9 -0.5
DBIC	Dimbokro	71.87 77	P	P	11 35 59.9 -0.5
AFDM	Forest Hills D	71.92 323	I Amb	I Amb	11 36 02.3
BOZ	Bozeman (W)	72.04 333	P	P	11 36 01.4 +0.4
PPT2	Papeete	72.04 257	eS	S	11 45 22.5 -0.6
PPT2	Papeete	72.04 257	eLR	LR	11 58 02.5
PPT	Papeete	72.05 257	LR	LR	11 59 23.3
DLMT	Dillon	72.28 322	I Amb	I Amb	11 36 04.5
MFID	Camas Ranch	72.32 329	I Amb	I Amb	11 36 05.2
QSPA	South Pole Qui	72.33 180	P	P	11 36 03.3 +0.8
SCHO	Schefferville	72.60 4	P	P	11 36 03.6 -0.3
SCHO	Schefferville	72.60 4	LR	LR	12 07 48.0
WVOR	Wild Horse Val	73.04 327	P	P	11 36 06.9 0.0
WVOR	Wild Horse Val	73.04 327	I Amb	I Amb	11 36 06.9 0.0
EGMT	Eagleton	73.19 335	P	P	11 36 07.9 +0.2
EGMT	Eagleton	73.19 335	I Amb	I Amb	11 36 09.2
O03E	Paynes Creek	73.30 323	P	P	11 36 08.4 -0.1
MOD	Modoc Plateau	73.56 325	I Amb	I Amb	11 36 12.5
PMOZ	Porto Moniz, M	73.62 47	eLR	LR	11 59 26.9
WDC	Whiskeytown Da	73.91 323	P	P	11 36 10.9 -1.0
WDC	Whiskeytown Da	73.91 323	P	P	11 36 10.9 -1.0
MSO	Missoula	74.01 332	I Amb	I Amb	11 36 13.6 +1.1
MSO	Missoula	74.01 332	I Amb	I Amb	11 36 15.1
N02D	Trinity Center	74.26 323	P	P	11 36 13.9 -0.2
M04C	Macdoel	74.32 324	P	P	11 36 15.3 +0.8
K05A	Summer Lake	74.44 326	I Amb	I Amb	11 36 18.1
M02C	Callahan	74.62 324	P	P	11 36 16.5 +0.3
I07A	Izee	74.65 327	P	P	11 36 17.2 +0.8
YBH	Yreka Blue Hor	74.77 324	P	P	11 36 16.3 -0.7
KHMM	Horse Mountain	74.79 323	I Amb	I Amb	11 36 21.3
K04D	Chiloquin, OR	74.84 325	P	P	11 36 18.4 +1.0
JTMT	Jette	74.86 333	I Amb	I Amb	11 36 18.0 +0.5
L04D	Klamath Falls	74.87 325	P	P	11 36 17.8 +0.1
J05D	Fort Rock, OR	75.00 326	P	P	11 36 19.5 +1.0
PINE	Pine Mountain	75.20 326	I Amb	I Amb	11 36 22.4
KRMB	Red Mountain	75.31 323	I Amb	I Amb	11 36 22.7
J04D	Umpqua Nationa	75.44 325	P	P	11 36 22.0 +0.9
WALA	Waterloo Lakes	75.71 334	I Amb	I Amb	11 36 24.3
E09A	Wood Farm, Sta	75.71 330	I Amb	I Amb	11 36 24.1
I05D	Terrebonne, OR	75.78 327	P	P	11 36 24.3 +1.5
K02D	Williamette Mer	75.94 324	P	P	11 36 25.0 +1.3
I04A	Tendick Farm,	75.98 326	P	P	11 36 24.2 +0.3
F07A	Phinny Hill Vi	76.19 329	I Amb	I Amb	11 36 27.8
FFC	Flin Flon	76.24 343	P	P	11 36 24.8 -0.5
FFC	Flin Flon	76.24 343	P	P	11 36 24.8 -0.5
FFC	Flin Flon	76.29 343	P	P	11 36 24.8 -0.5
HAWA	Hanford	76.29 329	I Amb	I Amb	11 36 28.1
G05D	Wamic, OR	76.39 327	P	P	11 36 27.9 +1.8
I03D	Drain, OR	76.42 325	P	P	11 36 27.3 +1.0
H04A	Detroit Lake	76.46 326	I Amb	I Amb	11 36 28.4
NEW	Newport	76.51 332	P	P	11 36 26.8 0.0
NEW	Newport	76.51 332	P	P	11 36 27.1 +0.3
E07A	Sunnyside	76.57 329	I Amb	I Amb	11 36 30.0
H04D	Lebanon	76.64 326	P	P	11 36 27.9 +0.3
C09A	Chrisman Ranch	76.70 331	I Amb	I Amb	11 36 30.4
F05D	White Salmon	76.90 328	P	P	11 36 30.4 +1.4
I02D	Swissmore	76.96 325	P	P	11 36 30.8 +1.4
COR	Corvallis	76.99 326	P	P	11 36 29.9 +0.4
COR	Corvallis	76.99 326	P	P	11 36 29.9 +0.4
COR	Corvallis	76.99 326	P	P	11 36 29.9 +0.4
G03D	McMinnville, O	76.98 326	P	P	11 36 33.0 +1.3
LTY	Liberty	77.46 329	I Amb	I Amb	11 36 34.6
LON	Longmire	77.67 328	P	P	11 36 33.4 0.0
LON	Longmire	77.67 328	P	P	11 36 33.4 0.0
F04D	Rainier, OR	77.83 327	P	P	11 36 35.7 +1.5
E04D	Cinebar	77.92 328	P	P	11 36 35.5 +0.8
FCC	Fort Churchill	78.20 349	I Amb	I Amb	11 36 37.0
E03A	Lebam	78.42 327	I Amb	I Amb	11 36 38.6 +1.1
E03A	Lebam	78.42 327	I Amb	I Amb	11 36 40.2
D04E	Lakebay	78.45 328	P	P	11 36 39.3 +1.8
B06A	Marblemount	78.73 330	I Amb	I Amb	11 36 40.7
TTIG	Trine Tigouga,	78.82 53	P	P	11 36 43.1 +2.9
D03D	Eldon	78.84 328	P	P	11 36 41.1 +1.4
B05A	Bryant	78.85 329	P	P	11 36 40.2 +0.4
NLWA	Neilton Lookou	79.14 328	I Amb	I Amb	11 36 44.4
A04D	Lummi Island	79.46 329	P	P	11 36 44.1 +1.0
OUK	Oukaimeden	79.56 52	P	P	11 36 48.0 +3.4
VNDA	Vanda	79.68 190	P	P	11 36 46.0 +1.9
VNDA	Vanda	79.68 190	LR	LR	12 05 57.0
VNDA	Vanda	79.68 190	P	P	11 36 45.3 +1.3
VNDA	Vanda	79.68 190	P	P	11 36 45.3 +1.3

VNDA	Vanda	79.68 190	P	P	11 36 45.3 +1.3
PGC	Sidney	79.77 329	I Amb	I Amb	11 36 47.4
TORD	Torodi Ar, Bea	80.21 73	P	P	11 36 47.7 +0.8
TORD	Torodi Ar, Bea	80.21 73	PP	PP	11 39 56.7 +6.1
TORD	Torodi Ar, Bea	80.21 73	PP	PP	12 10 19.3
OOUZ	Ouz	80.26 53	P	P	11 36 51.0 +2.9
OOUZ	Ouz	80.26 53	P	P	11 36 51.0 +2.9
LLBL	Lilooet	80.36 331	I Amb	I Amb	11 36 50.0
RAR	Rarotonga	80.47 251	LR	LR	12 03 05.5
ZGR	Zagora	80.76 54	P	P	11 36 54.0 +3.1
TZRR	Tazzarine	81.12 54	P	P	11 36 55.1 +2.5
SYO	Syowa Base	81.37 160	IP	IP	11 36 53.2 +0.1
SYO	Syowa Base	81.37 160	IP	IP	11 36 55.9 -2.3
FRB	Frobisher Bay	81.41 2	P	P	11 36 53.3 +0.1
ZHG	ZHG	81.53 51	P	P	11 36 57.0 +2.3
NRS	Narsarsuaq	81.86 13	I Amb	I Amb	11 39 27.7
MORF	Marlete	81.93 47	eP	P	11 36 59.0 +2.2
MORF	Marlete	81.93 47	eP	P	11 37 02.0
MORF	Marlete	81.93			

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Juneau Island, SKAG, WHY, SUMG, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like FITZ, BOD, JKA, ASAJ, ZAAO, ZALV, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like POO, DHRM, SIJI, BHK, WMQ, etc.

Map information for JMA 14 11:35:32 1.0, 23.23N, 122.21E, h19km. Includes station coordinates and a table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and other details.

14d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RREF El Recreo, CBOC Ciudad Bolivar, CBOC Dabeiba, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLID Hailey, NVAR Mina Array Bay, NVAR Holver Research, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCB 14 12:44:12.6+1.3, Error ellipse: s-maj=7.2km, s-min=6.0km, etc.

JMA 14 12:56:18.0±0.2, 2.476N±123.00E, h127km, 2km, M3.4
IDC 14 12:56:31.1±10.0, 24.89N±124.68E, h240km, 90km,
mb3.0/3, mb1 3.3/4, mb1mx2.8/3.4, mbtmp3.8/4, Error
ellipse: s-maj=192.0km s-min=20.2km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 14 12:56:17.7±1.2, 24.93N±123.01E, etc.

IDC 14 13:20:60.0±1.1, 13.09S±26.42E, h0km, mb4.0/2,
mb1 4.2/10, mb1mx3.8/4.1, mbtmp4.2/10, ML4.0/7, Error
ellipse: s-maj=26.5km s-min=15.3km az=86.0

NEIC 14 13:21:01.6±3.1, 13.05S±0.09±26.4E±0.1, h14km, 6km,
mb4.4/3, Error ellipse: s-maj=18.4km s-min=12.7km
az=88.0

LSZ 14 13:21:10.9±9.7, 13.72S±26.37E, h54km
Error ellipse: s-maj=13.2/12.5, 13.92S±26.31E, h10km, MD4.3
IDC 14 13:20:59.2±0.7, 13.11S±0.05±26.38E±0.05, h10km, n35,
±323/57, Zambia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ITZ Itzhi-Tezhi, ITZ Itzhi, ITZ Lusaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBAR, BOSA, KMBO, SUR, TORO, ARCES, etc.

IDC 14 13:27:01.4.3.0, 30.020Sx176.83W, h0km, mb3.5/2, mb1.3/8.2, mb1mx3.5/35, mbmtmp3.5/2, Error ellipse: s-maj=52.2km s-min=50.3km az=50.0, Kermadec Islands region

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

ATH 14 13:41:35.2, 36.42N, 27.07E, h28km, 3km, ML2.8/1, Error ellipse: s-maj=3.2km s-min=1.1km az=125.0

THE 14 13:41:35.0, 36.42N, 27.10E, h4km, 5km, ML2.2/4, Error ellipse: s-maj=5.8km s-min=0.8km az=34.0

DDA 14 13:41:46.3, 36.84N, 27.69E, h7km, 3km, ML1.4

ISC 14 13:41:35.0.1.1, 36.52N, 0.04, 27.14E, 0.05, h27km, 13km, n13, r157/23, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOSK, DAT, BDRM, ARG, WRA, WRO, MKAR, etc.

IDC 14 13:45:37.8.32.0, 16.06S, 175.93W, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.6/36, mbmtmp4.0/4, Error ellipse: s-maj=623.0km s-min=159.0km az=84.0

NEIC 14 13:49:25.9.2.9, 16.75S, 0.3, 173.5E, 0.1, h44km, 15km, mb4.6/9.9, Error ellipse: s-maj=40.5km s-min=18.5km az=173.0

ISC 14 13:46:25.3.1.1, 16.85S, 0.3, 178.4E, 0.1, h35km, n16, r152/16, mb4.3/7, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, RAR, BKZ, ARMA, STKA, WBO, WRA, ASAR, AS31, etc.

MAN 14 13:49:22.7, 18.16N, 120.57E, h54km, mb4.8, ML3.7, MS3.6

NEIC 14 13:49:22.0.1.4, 17.97N, 0.06, 120.73E, 0.07, h56km, 8km, mb4.7/39, Error ellipse: s-maj=10.7km s-min=7.3km az=48.0

IDC 14 13:49:26.1.2.4, 17.93N, 120.95E, h99km, 24km, mb3.5/11, mb1.3/13, mb1mx3.4/49, mbmtmp3.9/13, MS2.8, Ms1.2, 9/5, ms1mx2.6/35, Error ellipse: s-maj=22.0km s-min=12.5km az=84.0

ISC 14 13:49:24.0.0.7, 18.16N, 0.04, 120.63E, 0.05, h73km, 6km, az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIPP, ABRA, APY, CAU, CAUP, BOLP, TPU, BPP, TGY, TWG, YULB, SSSLB, NACB, YHNB, KNMB, YOP, TATO, HKPS, QIZ, JOW, JUN, PBKT, LUWI, KSM, KRSR, KRSR, KS19, CMAR, JCJ, KULM, IPM, GUMO, PSI, SONM, FITZ, FITZ, WRO, WRAB, WRA, WRO, MKAR, MKAR, AS31, ASAR, PEAOB, PETK, PET, PET, KURB, BBOO, NRIK, AMKA, ADK, GSTR, NIKH, UNV, CNBA, OKAK, KDKAK, SKT, SKT, MCK, RND, PMR, ILAR, SML, KNK, IL31, ILAR, HCA, SDC, HCN, DOL, GLB, EGAK, EGAK, BARN, BARN, DAWY, CTGM, etc.

n79, r157/88, mb4.6/25, 1C-1D, Luzon

ISC 14 14:06:09.3.1.1, 5.60N, 0.06, 126.54E, 0.08, h65km, 12km, n24, r22/30, 2C-1D, Mindanao

ISC 14 14:06:09.3.1.1, 5.60N, 0.06, 126.54E, 0.08, h65km, 12km, n24, r22/30, 2C-1D, Mindanao

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDMF, DMPI, MATI, GSPH, DAV, DAV, DAV, DMPH, DMPH, KCP, SKMP, MUSAN, BUKP, PAGZ, TINTI, SAUI, JAY, KSM, KSM, KNRA, PMBI, FITZ, PMG, MNAI, KULM, WRA, ASAR, BJT, BJT, BBOO, MKAR, etc.

ISC 14 14:06:09.3.1.1, 5.60N, 0.06, 126.54E, 0.08, h65km, 12km, n24, r22/30, 2C-1D, Mindanao

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ISC 14 14:06:09.3.1.1, 5.60N, 0.06, 126.54E, 0.08, h65km, 12km, n24, r22/30

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include JAK, JTKR, JAR, etc.

IDC 14 14:41:21.2, 1.2, 33.12N, 142.02E, h0km, mb3.8/8, mb1.3/8.11, mb1mx3.6/5.1, mbmp3.8/7.1, ML3.4/3, Error ellipse: s-maj=38.0km s-min=17.1km az=75.0

NEIC 14 14:41:22.8, 2.4, 33.12N, 142.02E, h1.0km, mb3.8/8, mb1.4/5, Error ellipse: s-maj=15.4km s-min=12.7km az=69.0

JMA 14 14:41:27.0, 0.3, 33.22N, 141.68E, h53km, M3.3

ISC 14 14:41:26.6, 0.9, 33.16N, 141.9E, 0.1, h40km, n37, r147/41, mb3.9/10, Off east coast of Honshu

Main table for station data, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO1, BSO1, HJCU, etc.

IDC 14 14:41:50.3, 0.9, 33.12N, 141.82E, h0km, mb4.0/11, mb1.4/1.6, mb1mx3.9/5.3, mbmp4.0/16, ML3.3/4, Error ellipse: s-maj=26.8km s-min=15.2km az=78.0

JMA 14 14:41:51.7, 0.1, 33.24N, 141.99E, h44km, M3.8

NEIC 14 14:41:51.3, 1.2, 33.12N, 141.89E, 0.07, h10km, mb3.8/8, mb4.6/18, Error ellipse: s-maj=11.2km s-min=8.7km az=133.0

NIED 14 14:41:51.8, 33.24N, 141.99E, h54km, M4.0, Moment Tensor Solution, s2 Moment tensor: Mw=1.015N; Mn=0.53; M0=0.45; M0=0.99; M0=0.89; M0=0.25; M0=0.20; Fault plane solution: M0: 1.3000x10^15 NPI; 6.154.00000; 3.9.00000; 3.9.00000; NP2: 4.44.00000; 8.56.00000; 1.146.00000

ISC 14 14:41:54.7, 0.6, 33.19N, 141.97E, 0.07, h40km, n57, r202/71, mb4.2/17, 1.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include BSO1, BSO1, HJCU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KSRS, USA0B, YLR, etc.

KRNED 14 14:45:54.8, 0.1, 39.40N, 73.57E, mb3.3

SOME 14 14:45:56.5, 39.52N, 73.62E, h5km

NNC 14 14:45:58.1, 2.1, 39.58N, 73.63E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=8.8km s-min=4.5km az=173.0

ISC 14 14:45:52.9, 1.7, 39.48N, 0.06, 73.63E, 0.03, h7km, 13km, n39, r164/62, 21C-9D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include OHH, OHH, ARSB, etc.

IDC 14 14:41:50.3, 0.9, 33.12N, 141.82E, h0km, mb4.0/11, mb1.4/1.6, mb1mx3.9/5.3, mbmp4.0/16, ML3.3/4, Error ellipse: s-maj=26.8km s-min=15.2km az=78.0

JMA 14 14:41:51.7, 0.1, 33.24N, 141.99E, h44km, M3.8

NEIC 14 14:41:51.3, 1.2, 33.12N, 141.89E, 0.07, h10km, mb3.8/8, mb4.6/18, Error ellipse: s-maj=11.2km s-min=8.7km az=133.0

NIED 14 14:41:51.8, 33.24N, 141.99E, h54km, M4.0, Moment Tensor Solution, s2 Moment tensor: Mw=1.015N; Mn=0.53; M0=0.45; M0=0.99; M0=0.89; M0=0.25; M0=0.20; Fault plane solution: M0: 1.3000x10^15 NPI; 6.154.00000; 3.9.00000; 3.9.00000; NP2: 4.44.00000; 8.56.00000; 1.146.00000

ISC 14 14:41:54.7, 0.6, 33.19N, 141.97E, 0.07, h40km, n57, r202/71, mb4.2/17, 1.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MRKS, MRKS, MRKS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include IZV, IZV, KK31, etc.

IDC 14 14:50:58.1, 1.3, 17.71S, 178.40W, h507km, 14km, mb4.1/30, mb1.4/1.32, mb1mx4.0/42, mbmp4.9/32, Error ellipse: s-maj=10.2km s-min=8.9km az=167.0

NEIC 14 14:50:59.5, 1.7, 17.66S, 0.09, 178.43W, 0.10, h527km, 5km, mb4.7/145, Error ellipse: s-maj=13.8km s-min=12.8km az=129.0

KLM 14 14:51:00.0, 17.62S, 178.39W, h518km, mb5.0, Hypocentre not reviewed by the ISC

ISC 14 14:51:01.0, 0.3, 17.73S, 0.06, 178.48W, 0.05, h547km, n288, r152/202, mb4.7/112, 14C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MSVF, AFI, NIUE, etc.

Table with columns: Call Sign, Frequency, Name, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Tasmania Unive, Stephens Creek, Warramunga Arr, etc.

Table with columns: Call Sign, Frequency, Name, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSM Kuching, KSM Lemang, PET Petropavlovsk, etc.

Table with columns: Call Sign, Frequency, Name, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CHTO, SYO Syowa Base, SNA SNA, etc.

IDC 14 15:31.1, 1.9, 3.20N, 128.40E, h0km, mb3.3/4, mb1.3.6/5, mb1mx3.3/4, mbtmp3.4/5, ML2.9/1, MS3.5/1, Ms1.3.5/1, ms1mx2.3/2.5, Error ellipse: s-maj=83.5km s-min=25.7km, Az=67.0, North of Halmahera

NEIC 14 15:29.31, 7.1, 4.60S, 0.06E, 142.30E, 0.07, h105km, 6km, mb4.5/30, Error ellipse: s-maj=13.0km s-min=3.4km az=54.0

IDC 14 15:29.31, 8.0, 8.4.63S, 142.34E, h106km, 7km, mb3.8/13, mb1.4/0.19, mb1mx3.9/28, mbtmp3.4/19, MS2.7/2, Ms1.2.8/2, ms1mx2.4/2.7, Error ellipse: s-maj=16.6km s-min=12.8km, az=86.0

DJA 14 15:29:57.9, 0.6, 3'S, 3.3'W, 14.1E, h10km, M4.5/6, mb5.3/2, ML4.0/6

ISC 14 15:29.31, 7.0, 4.71S, 0.05E, 142.27E, 0.06, h105km, n63, 1.0, mb2.9/3, mb4.3/25, New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Mode, Power, Time, Res. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Labuha, Luwuk, Luvuvu, SANI, SIJI, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARU, ARU, ARU, KBZ, TRF, etc.

IDC 14 18:08:37.71.0, 4.14'S: 151.49'E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.6/33, mbtmp3.9/5, MS3.7/7, Ms1 3.3/11, ms1mx3.1/34, Error ellipse: s-maj=25.1km s-min=18.7km az=165.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT, KRVT, KRVT, PMG, HNR, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAW, MAW, MAW, MTU, F10A, etc.

IDC 14 18:22:22.81.5, 21.16'S: 168.38'E, h0km, mb4.4/7, mb1 4.5/8, mb1mx4.2/25, mbtmp4.3/8, ML3.4/1, MS3.6/8, Ms1 3.6/8, ms1mx3.3/29, Error ellipse: s-maj=44.9km s-min=22.0km az=120.0

NEIC 14 18:22:27.71.5, 21.16'S: 0.06'168.4E: 0.1, h34km, 4km, mb4.8/10, Error ellipse: s-maj=14.3km s-min=8.8km az=75.0

IDC 14 18:22:27.1.0, 21.12'S: 0.10'168.3E: 0.1, h30km, n48, s1902/43, mb4.7/13, MS3.5/10, Loyalty Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Alice Springs, Kununurra, Tubuai, Fitzroy Crossi, etc.

KRSC 14 18:52:49.5, 1.4, 52.51N; 159.80E, h51km, 18km, ML4.0
IDC 14 18:52:55.2, 2.7, 52.72N; 159.49E, h72km, 20km, mb3.2/7,
mb1.3, 4/8, mb1mx3.2/42, mbtm3.6/8, Error ellipse:
s-maj=31.0km, s-min=28.0km, az=17.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Nalytchevo, Russkaya, Dalny, Ugljova, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FINESS Array B, NORSTAR Array B, KASAG, etc.

IDC 14 19:17:25.0, 6.4, 17.5S; 151.25E, h0km, mb3.9/12,
mb1.0/14, mb1mx3.9/39, mbtm3.9/14, ML2.7/2, MS3.4/14,
MS1.3/4/14, ms1mx3.2/32, Error ellipse: s-maj=16.3km
s-min=9.2km, az=8.0

NEIC 14 19:17:26.8, 1.2, 4.18S; 0.08, -151.31E, 0.04, h10km, 1km,
mb4.4/5, Error ellipse: s-maj=14.5km s-min=6.9km
az=186.0

ISC 14 19:17:28.3, 0.6, 4.20S; 0.09, -151.37E, 0.07, h21km, n32,
c=62/24, mb3.9/15, MS3.5/12, New Britain region

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

MAN 14 19:20:56.1, 5.38N; 126.78E, h8km, mb5.1, ML4.1, MS4.1
IDC 14 19:21:04.6, 2.3, 5.32N; 125.87E, h60km, 25km, mb3.4/6,
mb1.3/6/6, mb1mx3.2/42, mbtm3.7/6, MS2.3/2, Ms1.3/3/3,
ms1.8/6/2/2, Error ellipse: s-maj=68.2km s-min=16.7km
az=77.0

ISC 14 19:20:58.0, 0.8, 5.44N; 0.08, -126.6E, 0.1, h10km, n23,
c=24/121, mb3.8/6, MS3.4/3, 2C-2D, Mindanao

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

IDC 14 19:27:34.1, 3.2, 25.32S; 70.25W, h0km, mb4.9/1,
mb1.3/0/2, mb1mx3.6/17, mbtm3.9/2, ML3.4/1, MS3.0/2,
Ms1.3/0/2, ms1mx2.7/24, Error ellipse: s-maj=112.6km
s-min=63.2km, az=85.0

GUC 14 19:27:39.2, 0.7, 25.05S; 70.58W, h54km, 5km, ML3.6
ISC 14 19:27:39.9, 1.2, 25.07S; 0.04, 70.65W, 0.10, h48km, 11km,
n23, c=50/21, 3C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Mina Guam, Pan de Azucar, etc.

MAN 14 19:38:45.7, 5.31N; 126.47E, h12km, mb4.9, ML3.8, MS3.7
NEIC 14 19:38:48.6, 2.3, 5.68N; 0.05, 126.77E, 0.07, h35km, 2km,
mb4.5/22, Error ellipse: s-maj=13.1km s-min=7.2km
az=288.0

IDC 14 19:38:53.1, 2.4, 5.73N; 126.48E, h68km, 21km, mb3.6/12,
mb1.3/12, mb1mx3.5/35, mbtm3.9/12, MS3.0/1,
Ms1.3/0/1, ms1mx2.3/38, Error ellipse: s-maj=41.9km
s-min=13.1km, az=71.0

ISC 14 19:38:52.4, 1.2, 5.51N; 0.05, -126.35E, 0.09, h64km, 10km,
n53, c=26/57, 4C/3/22, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DMPP, MATI, GSPH, DAV, etc.

14d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LGD Lagodekhi, KMKR Kumukh, DDFL Dedoflistskaro, etc.

DJA 14 22:27:41.2±1.5, 1°N, 6°9'7"E, h15km, 11km, M4, 27, mb4.3/5, MLV4, 1/7

NEIC 14 22:27:45.1±1.7, 1°21'N, 0°06'96"95E, 0°06, h27km, 8km, mb4.3/12, Error ellipse: s-maj=8.8km s-min=7.8km az=51.0

IDC 14 22:27:55.4±6.5, 1°63'N, 97°62'E, h93km, 42km, mb3.6/5, mb1.3/6.6, mb1mx3.2/53, mbtbp3.9/6, MS2.9/2, Ms1.3/0.2, ms1mx2.5/38, Error ellipse: s-maj=84.6km s-min=27.0km az=56.0

ISC 14 22:27:43.6±0.9, 1°13'N, 0°07'96"88E, 0°07, h25km, n37, 1520/33, mb4.2/11, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, KCSI Kotacane, RPSI Rantau Prapat, etc.

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comp=Z,1.6nm,0.5s,baz=161,slow=5.8,SNR=9.6
KLR Kul'dur 56.46 27 P 23 27 22.3 -1.1

FINES FINESS Array B 79.92 33 LR 23 20 29.8
comp=Z,2.1nm,0.8s,baz=237,slow=3.5,SNR=5.9

AEIC 14 22:29:41.1±1.6, 51°07'N, 0°05'178"68E, 0°06, h14km, 6km, Error ellipse: s-maj=7.3km s-min=5.5km az=160.0

NEIC 14 22:29:40.3±1.6, 51°04'N, 0°07'178"56E, 0°07, h17km, 8km, mb3.9/3, Error ellipse: s-maj=10.0km s-min=5.7km az=156.0, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, LSSE Little Sitkin, LSSA Little Sitkin, etc.

JMA 14 22:38:28.9±0.2, 40°18'N, 142°94'E, h14km, 3km, M2.9, IDC 14 22:38:33.6±3.7, 39°99'N, 143°16'E, h75km, 31km, mb3.0/2, mb1.3/1.4, mb1mx2.9/37, mbtbp3.2/4, MS2.7/5, Ms1.2/7.5, ms1mx2.5/15, Error ellipse: s-maj=49.9km s-min=20.3km az=110.0

ISC 14 22:38:27.4±1.1, 40°22'N, 0°05'143"01E, 0°07, h12km, n26, 1097/21, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, JKEN Kujedonaraisaw, MIYJ Miyakonagisawa, etc.

IDC 14 22:57:31.4±5.4, 5°37'N, 125°75'E, h62km, 60km, mb3.5/2, mb1.3/6.2, mb1mx3.0/43, mbtbp3.7/2, MS2.4/1, Ms1.2/4.1, ms1mx2.1/25, Error ellipse: s-maj=150.7km s-min=24.6km az=69.0

ISC 14 22:57:26.4±1.7, 6°1'N, 0°3'127"3E, 0°3, h35km, n7, 0589/6, 1C-10, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City, MKAR Makanchi Array, ILAR Eielson Array, etc.

IDC 14 22:59:24.6±4.0, 42°43'N, 44°82'E, h0km, mb3.3/2, mb1.3/4.2, mb1mx3.1/41, mbtbp3.4/2, Error ellipse: s-maj=97.4km s-min=18.3km az=27.0

DRS 14 22:59:25.0±0.0, 42°39'N, 44°87'E, h10km, NORS 14 22:59:28.5±42.9, 42°39'N, 44°92'E, h7km, 1km

MOS 14 22:59:29.3±1.3, 42°90'N, 44°95'E, h5km, mb3.6/2, Error ellipse: s-maj=4.6km s-min=4.0km az=119.2

ISK 14 22:59:30.4±4.2, 86N, 44°77'E, h1km, ML2.8/5, ISC 14 22:59:28.1±0.4, 42°89'N, 0°01'44"97E, 0°01, h6km, 8km, n103, 1933/179, mb3.3/4, 1C-7D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMGK Komgaron, KMGK Komgaron, VLKR Vladikavkaz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PNSH Lac, LACR Lac, GUDG Gudauri, etc.

BTLR 191nm, 0.6s Botlikh 0.95 104j eP Pg 22 59 46.0 -2.0

BTLR 191nm, 0.6s Botlikh 0.95 104j eP Pg 22 59 46.0 -2.0

PRTR Prterechynaya 0.99 330 eP Pg 22 59 49.8 +0.3

PRTR Prterechynaya 0.99 330 eP Pg 22 59 49.8 +0.3

DIGR Digorskoe uzhe 1.02 271 eP Pg 22 59 48.7 -0.7

DIGR Digorskoe uzhe 1.02 271 eP Pg 22 59 48.7 -0.7

SEAG Tbilisi Sea 1.14 186 P Pg 22 59 52.0 +0.1

SEAG Tbilisi Sea 1.14 186 P Pg 22 59 52.0 +0.1

ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

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ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

ONI Oni 1.16 255 S Pg 22 59 07.0 -1.0

15d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like Ghaloghah, Ghaloghah, Minodasht, etc.

15C 15:00:56:47.8:1.8, 3.27N:121.63E, h0km, mb3.7/4, mb1.4/0.4, mb1mx3.6/41, mbtmp3.7/4, MS3.1/1, Ms1.3/2.5, ms1mx2.9/31, Error ellipse: s-maj=152.1km s-min=26.3km az=64.0

15C 15:00:56:52.6:1.5, 3.33N:121.91E:0.2, h35km, n5, az=32/5, mb3.7/4, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Mapaga, Fitzroy Crossi, Warrungarra Arr, etc.

15C 15:01:00:06:7.1:1.1, 1.27N:97.01E, h0km, mb4.1/1.0, mb1.4/2/2, mb1mx3.9/49, mbtmp4.1/12, ML3.8/2, MS3.2/5, Ms1.3/2.5, ms1mx2.9/31, Error ellipse: s-maj=31.2km s-min=19.0km az=51.0

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like GSI, Gunungsitoli, KCSI, Kotacane, etc.

15C 15:01:41:00:1:1.9, 5.93S:129.49E, h0km, mb3.9/2, mb1.4/2/5, mb1mx3.7/34, mbtmp4.0/5, ML4.0/3, Error ellipse: s-maj=93.5km s-min=25.5km az=77.0

15C 15:01:41:17:1:0.7, 6.71S:129.30E:0.08, h165km, n25, az=154/30, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like FAKI, FAKI, SOEI, MTN, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BBOO, BBOO, ARMA, ARMA, etc.

15C 15:02:03:51:2:0.5, 13.06N:91.08W, h12km, 176km, MD3.5, S1.4/1.1, 13.64N:90.83W, h29km, 12km, ML3.0, ISC 15:02:03:57:0:3.9, 13.4N:92.90W:0.2, h21km, 8km, n15, az=67/21, 2C, Near coast of Guatemala

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

15C 15:02:31:59:0:1.0, 5.45S:128.12E, h0km, mb4.1/7, mb1.4/1/1, mb1mx3.1/41, mbtmp4.3/11, ML4.3/4, MS3.6/4, Ms1.3/4, ms1mx3.0/31, Error ellipse: s-maj=27.7km s-min=20.6km az=106.0

15C 15:02:32:02:1:0.5, 5.65S:128.14E:0.07, h32km, 5km, mb4.5/1.9, Error ellipse: s-maj=11.4km s-min=8.1km az=143.0

15C 15:02:32:04:2:0.8, 5.2S:12.8E, h34km, 13km, M4.6/13, MB5.0/3, mb4.9/11, MLV4.4/13, Mw(MB)4.3/3, ISC 15:02:32:03:1:0.5, 5.47S:128.14E:0.05, h35km, n60, az=194/65, mb4.3/13, MS3.7/3, Banda Sea

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

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res. Includes stations like NWAOL, SLVN, CM31, etc.

BJI 15 02:37:54.6, 0.0, 0.78S, 120.03E, h38km, mB5.0/46, mB5.1/65, Ms4.2/37, Ms7.4/0/36, DJA 15 02:37:53.6, 0.0, 2.1, 12.0E, h15km, 4km, M5.2/43, mB5.1/43, mB5.6/20, MLV5.3/19, Mw(m)B5.2/20, MOS 15 02:37:59.0, 0.0, 0.32S, 119.76E, h53km, mB5.2/53, MS4.1/4, Error ellipse: s-maj=11.1km s-min=4.8km az=116.2, NEIC 15 02:38:00.2, 1.5, 0.33S, 0.05E, 119.78E, 0.06, h52km, 5km, mB5.0/70, Error ellipse: s-maj=8.7km s-min=7.4km az=59.0, GCMT 15 02:38:00.2, 0.0, 0.17S, 0.02E, 120.02E, 0.02, h40km, 1km, MW4.9/82, Moment Tensor Solution, s44, c49; s82, c113; Duration: 0 Moment tensor: Scale 10^19Nm; Mrz, 0.08E+17; Mw, 0.87E+12; Ms, 2.95E+11; Mb, 0.40E+10; Mb, 0.69E+07; Mw, 1.83E+12; Best double couple: M3, 23300, 0.10E+19; NP1=0.147, 0.0000E+00; S32, 0.0000E+00; NP2=0.8, 0.0000E+00; S65, 0.0000E+00; A, 110.0, 0.0000E+00; Principal axes: T 2.8570, Plg64.0000E+00, Azm313.0000E+00; N 0.7520, Plg18.0000E+00, Azm179.0000E+00; P -3.6090, Plg17.0000E+00, Azm83.0000E+00; nsta2 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, IDC 15 02:38:00.5, 1.5, 0.34S, 119.73E, h47km, 15km, mB4.4/32, mB1.4/5/36, mB1mx4.3/54, mBtmp4.7/36, M-L4.4, M5.3/9/19, M51.3.9/19, ms1mx3.7/34 Error ellipse: s-maj=14.3km s-min=9.7km az=79.0, ISC 15 02:38:00.2, 0.3, 0.35S, 0.03E, 119.77E, 0.03, h45km, n362, e1941/380, mB5.0/126, MS3.9/32, 37C-5D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res. Includes stations like MPST, SGTI, SMKI, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res. Includes stations like FAKI, FAKI, FAKI, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res. Includes stations like ENH, NJ2, SAIH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPT2, TBI, TUBAI, AKASG, etc.

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

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

IDC 15 03:06:30.0, 0.7, 28.58S, 178.53W, h259km, mb3.0/3, mb1.3/3, mb1mx3.0/32, mbtmp3.6/3, Error ellipse: s-maj=46.4km s-min=24.2km az=167.0

ISC 15 03:06:29.2, 0.8, 28.35S, 178.6W, 0.2, h250km, n11, a109/12, Kermadec Islands region

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

IDC 15 03:09:54.4, 0.5, 14.52N, 92.87W, h35km, 999km, MD4.0

UCR 15 03:09:58.6, 1.1, 14.54N, 92.50W, h68km, 19km, ML3.5

MEX 15 03:09:58.2, 0.7, 14.44N, 92.66W, h27km, 15km, MD3.9

SNET 15 03:09:58.5, 1.1, 14.54N, 92.50W, h69km, 12km, ML3.8

ISC 15 03:09:55.1, 1.4, 14.49N, 0.06, 92.65W, 0.06, h20km, 7km, n28, a096/36, Near coast of Chiapas

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

IDC 15 03:20:56.3, 0.2, 30.54N, 139.29E, h416km, M4.0

NEIC 15 03:20:57.8, 1.2, 30.34N, 0.08, 138.7E, 0.1, h373km, 7km, mb4.1/21, Error ellipse: s-maj=15.9km s-min=11.0km az=71.0

IDC 15 03:20:58.2, 0.8, 30.48N, 138.84E, h370km, 7km, mb3.8/21, mb1.3/26, mb1mx3.6/50, mbtmp4.5/26, Error ellipse: s-maj=14.9km s-min=9.7km az=76.9

ISC 15 03:21:00.7, 0.6, 30.67N, 0.08, 138.91E, 0.09, h400km, n105, a172/114, mb4.1/35, 2-4, Southeast of Honshu

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

GCG 15 03:09:54.4, 0.5, 14.52N, 92.87W, h35km, 999km, MD4.0

UCR 15 03:09:58.6, 1.1, 14.54N, 92.50W, h68km, 19km, ML3.5

MEX 15 03:09:58.2, 0.7, 14.44N, 92.66W, h27km, 15km, MD3.9

SNET 15 03:09:58.5, 1.1, 14.54N, 92.50W, h69km, 12km, ML3.8

ISC 15 03:09:55.1, 1.4, 14.49N, 0.06, 92.65W, 0.06, h20km, 7km, n28, a096/36, Near coast of Chiapas

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, RTAL, PCIG, etc.

IDC 15 03:12:54.4, 0.9, 51.66N, 178.52E, h0km, mb4.0/14, mb1.4/3, mb1mx3.8/61, mbtmp4.0/15, ML4.4/1, Error ellipse: s-maj=28.0km s-min=17.0km az=168.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SVW2 Sparrevohn, BVAR Borovoye Array, BVAR Borovoye, etc.

IDC 15 03:30:17.8z.2.4.36:70N:143.46E, h0km, mb3.6/4, mb1.3/8.6, mb1mx3.5/3.8, mbmtmp3.7/6, ML3.1/2, MS2.1/1, Ms1.2/1, m1mx1.8/38, Error ellipse: s-maj=58.4km s-min=26.9km az=61.0

NEIC 15 03:30:17.6z.1.7z.36:99N:143.5E.0.2, h17km,2km, mb4.1/6, Error ellipse: s-maj=21.7km s-min=11.3km az=98.0

JMA 15 03:30:19.5z.0.2z.37:12N:143.30E, h56km,1M,3K ISC 15 03:30:18.8z.1.1, 37.06N:0.05:143.44E:0.08, h35km, n31, e151/43, mb4.0/8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakikobu, JFJK Kawauchi, JFJK Kawauchi, etc.

NEIC 15 04:43:06.5z.1.1, 15:52S:0.10:167.6E:0.1, h126km,4km, mb4.3/8, Error ellipse: s-maj=19.4km s-min=14.2km az=85.0

IDC 15 04:43:09.4z.5.3, 15:60S:167.53E, h147km,42km, mb3.5/4, mb1.3/7.5, mb1mx3.4/33, mbmtmp4.1/5, MS2.7/1, Ms1.2/7.1,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 15 04:47:07.3z.0.8z.29:48S:176.12W, h0km, mb4.1/9, mb1.4/3.9, mb1mx4.0/4.0, mbmtmp4.0/9, MS3.3/2, Ms1.3/3.2, m1mx2.9/21, Error ellipse: s-maj=29.5km s-min=17.7km az=173.0

NEIC 15 04:47:13.8z.1.7z.29:4S:0.1:176.34W:0.08, h49km,7km, mb4.3/12, Error ellipse: s-maj=19.1km s-min=7.1km az=154.0

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

IDC 15 04:53:34.6z.0.8z.53:84N:163.94E, h0km, mb4.0/18, mb1.4/1.9, mb1mx3.9/5.1, mbmtmp4.0/19, ML3.8/1, MS3.0/5, Ms1.3/0.5, m1mx2.6/47, Error ellipse: s-maj=23.3km

KRSC 15 04:53:35.4z.1.6z.53:80N:163.87E, h48km:17km, ML4.7, NEIC 15 04:53:38.9z.1.6z.53:8N:0.1:164.0E:0.1, h30km,3km, mb4.3/11, Error ellipse: s-maj=18.8km s-min=8.6km az=168.0

MOS 15 04:54:07.0z.0.9z.53:95N:163.56E, h62km, mb4.2/7, Error ellipse: s-maj=6.9km s-min=5.2km az=107.4

IDC 15 04:53:36.8z.2.7z.53:84N:0.04:163.96E:0.04, h16km:17km, n133, e194/174, mb4.1/26, 3C, Off east coast of Kamchatka Peninsula

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

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

15d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SCHQ Schefferville, KAPI Kappang, MCGM Minsk, etc.

2014 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PBMO Poplar Bluff, WHTX Lake Whitney, AKH Alkhalaki, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LANS Liptovska Anna, LANS Liptovska Anna, LANS Bicz, etc.

Table with columns for flight codes (DL2, DL2, DL2, etc.), destinations (Lahore, London, etc.), times, and status. Includes entries for DL2, IPM, USRK, USRK, USRK, etc.

Table with columns for flight codes (XAN, XAN, XAN, etc.), destinations (London, London, London, etc.), times, and status. Includes entries for XAN, XAN, XAN, etc.

Table with columns for flight codes (LZH, LZH, LZH, etc.), destinations (London, London, London, etc.), times, and status. Includes entries for LZH, LZH, LZH, etc.

WDC	Yreka Blue Hor	89.66	48	P	IAMS_20	IAMS_20	09 57 57.5	-1.5
YBH	Whiskeytown Da	89.67	49	IAMS_20	IAMS_20		10 33 57.4	
H04D	Lebanon	89.92	46	P	P		09 58 02.0	+2.0
D03D	Eldon	90.00	42	P	P		09 58 02.1	+1.8
L04D	Klamath Falls	90.01	48	P	P		09 58 03.5	+2.8
I04A	Tendick Farm,	90.09	46	P	P		09 58 02.7	+1.9
D04E	Lakebay	90.17	43	P	P		09 58 03.3	+2.3
O03E	Paynes Creek	90.20	50	P	P		09 58 04.0	+2.4
E04D	Cinebar	90.25	44	P	P		09 58 03.5	+2.0
J04D	Umpqua Nationa	90.25	47	P	P		09 58 04.2	+2.4
M04C	Macdoel	90.31	48	P	P		09 58 05.3	+3.3
ORV	Oroville	90.37	51	IAMS_20	IAMS_20		10 34 52.0	
K04D	Chiloquin, OR	90.45	47	P	P		09 58 05.1	+2.4
AFDM	Forest Hills D	90.73	51	IAMS_20	IAMS_20		10 43 13.6	
B05A	Bryant	90.73	42	P	P		09 58 04.8	+1.1
J05D	Fort Rock, OR	90.89	47	P	P		09 58 06.2	+1.4
I05D	Terrebonne, OR	90.91	46	P	P		09 58 07.5	+2.8
F05D	White Salmon	90.95	44	P	P		09 58 06.3	+1.5
PAGB	Antelope Grade	91.05	54	IAMS_20	IAMS_20		10 36 00.5	
K05A	Summer Lake	91.09	47	P	IAMB	IAMB	09 58 04.2	-1.5
K05A	Summer Lake	91.09	47	P	IAMB	IAMB	09 58 12.0	
PINE	Pine Mountain	91.15	46	P	P		09 58 04.3	-1.6
PINE	Pine Mountain	91.15	46	P	P		09 58 12.3	
SMMC	Simmler	91.22	55	P	P		09 58 09.1	+2.8
PKM	Mcpherson Peak	91.34	55	P	P		09 58 09.0	+1.9
RUBR	Rubicon Trail	91.37	51	P	P		09 58 05.1	-2.1
MOD	Modoc Plateau	91.47	48	IAMB	IAMB		09 58 06.2	-1.2
HRA	Herat	91.66	304	P	P		09 58 04.1	-4.4
VNCR	Virginia City	91.78	51	IAMS_20	IAMS_20		10 39 59.4	
WAKR	Walker	91.89	52	IAMS_20	IAMS_20		10 36 13.4	
VES	Vestal, Richgr	92.00	54	P	P		09 58 11.8	+2.0
YERR	Yerlington	92.08	51	IAMS_20	IAMS_20		10 40 46.3	
MDPB	Devils Postpil	92.12	53	IAMS_20	IAMS_20		10 33 28.5	
I07A	Izeze	92.20	46	P	IAMB	IAMB	09 58 06.9	-3.9
I07A	Izeze	92.20	46	P	IAMB	IAMB	09 58 16.9	
I07A	Izeze	92.20	46	P	IAMB	IAMB	10 35 40.0	
OSI	Osito Audit, C	92.22	56	IAMS_20	IAMS_20		10 31 26.7	
CIS	Catalina Island	92.40	57	P	P		09 58 14.1	+2.3
ISA	Isabella, Lake	92.48	55	P	P		09 58 14.9	+2.7
ISA	Isabella, Lake	92.48	55	IAMS_20	IAMS_20		10 31 14.6	
RYN	Ryan	92.61	52	IAMS_20	IAMS_20		10 36 36.6	
PASC	Pasadena Art C	92.64	56	IAMS_20	IAMS_20		10 30 55.8	
WVOR	Wild Horse Val	92.74	48	P	P		09 58 11.1	-2.2
WVOR	Wild Horse Val	92.74	48	P	P		09 58 19.3	
WVOR	Wild Horse Val	92.74	48	P	P		10 30 49.7	
MWC	Mount Wilson	92.75	56	IAMS_20	IAMS_20		10 30 49.7	
TIN	Tinemaha, Big	92.76	53	P	P		09 58 15.5	+2.0
NVAR	Mina Array Bea	92.78	52	P	P		09 58 14.0	+0.4
NVAR	Mina Array Bea	92.78	52	P	P		10 33 39.8	
NVAR	Mina Array Bea	92.78	52	P	P		09 58 12.0	-1.7
EDW2	Edwards Air Fo	92.83	55	P	P		09 58 17.0	+3.2
CWC	Cottonwood Cre	92.85	54	P	P		09 58 16.2	+2.2
NV11	Mina Array Sit	92.89	52	P	P		09 58 13.1	-1.0
NV11	Mina Array Sit	92.89	52	P	P		09 58 20.2	
NV11	Mina Array Sit	92.89	52	P	P		10 33 46.9	
J08A	Circle Bar Ran	92.91	47	P	P		09 58 12.7	-1.3
J08A	Circle Bar Ran	92.91	47	P	P		10 40 43.0	
BFSC	Mount Baldy Ra	93.08	56	P	P		09 58 17.2	+2.1
LRMC	Laurel Mt Rad	93.12	55	P	P		09 58 17.9	+2.7
MPMC	Manual Prospec	93.30	54	P	P		09 58 18.8	+2.7
MURC	Murietta	93.43	57	P	P		09 58 19.3	+2.7
GRAC	Grapevine Rang	93.45	53	P	P		09 58 18.9	+2.3
109C	Camp Elliot, M	93.47	57	P	P		09 58 19.3	+2.6
TJX	Tijuana	93.50	58	IAMS_20	IAMS_20		10 32 25.7	
BBRC	Big Bear Solar	93.69	56	P	P		09 58 19.8	+1.8
CCX	Cicese	93.80	58	IAMS_20	IAMS_20		10 32 53.8	
SYO	Syowa Base	93.80	2001	eP	P		09 58 15.4	-2.0
SYO	Syowa Base	93.80	2001	eP	P		09 58 19.8	+2.4
BMO	Blue Mountains	93.81	45	P	P		09 58 16.0	-2.2
BMO	Blue Mountains	93.81	45	P	P		09 58 24.0	
BMO	Blue Mountains	93.81	45	P	P		10 39 28.6	
CBX	Cerro Bola	93.82	58	IAMS_20	IAMS_20		10 32 35.3	
GSC	Goldstone, Bar	93.83	55	P	P		09 58 21.4	+3.0
FURC	Furnace Creek,	93.83	54	P	P		09 58 21.5	+3.3
F10A	Beach Ranch, E	93.91	44	P	P		09 58 16.1	-2.5
PFO	Pinoy Flats O	94.04	57	P	P		09 58 15.3	-4.2
PFO	Pinoy Flats O	94.04	57	P	P		09 58 22.4	+2.9
PFO	Pinoy Flats O	94.04	57	P	P		09 58 15.3	-4.2
MONP	Monument Peak	94.05	57	P	P		09 58 22.6	+3.0
XPFO	Pion Flat	94.05	57	P	P		09 58 15.3	-4.2
NEW	Newport	94.05	42	P	P		09 58 20.7	+1.6
NEW	Newport	94.05	42	P	P		10 43 21.5	
AB31	Akbulak array	94.10	319	P	P		09 58 17.6	-1.6
HEC	Hector, Ludlow	94.19	56	P	P		09 58 22.9	+2.8
SHOC	Shoshone, Teco	94.28	54	P	P		09 58 22.3	+1.9

IKP	baz=268,SNR=13	94.30	58	P	P		09 58 23.1	+2.5
TPNV	In-Ko-Pah, Jac	94.30	58	P	P		09 58 23.1	+2.5
TPNV	Topopah Spring	94.34	53	P	P		09 58 18.0	-2.8
TPNV	Topopah Spring	94.34	53	P	P		09 58 22.0	+1.2
TPNV	Topopah Spring	94.34	53	P	P		09 58 18.0	-2.8
TPNV	Topopah Spring	94.34	53	P	P		09 58 26.9	
TPNV	Topopah Spring	94.34	53	P	P		10 39 28.6	
ESJX	Sierra Juarez	94.41	58	IAMS_20	IAMS_20		10 32 43.0	
BELC	Belle Mtn, Jos	94.44	56	P	P		09 58 23.0	+1.6
TUQ	Turquoise Moun	94.55	55	P	P		09 58 23.7	+1.9
SWSC	San W. Stewart	94.57	57	P	P		09 58 24.0	+2.3
GMRC	Granite Mounta	94.75	56	P	P		09 58 25.3	+2.6
SPX	San Pedro Mart	94.79	59	IAMS_20	IAMS_20		10 40 54.1	
MFID	Manzanita Ran	94.84	47	IAMS_20	IAMS_20		10 39 35.8	
UABX	UABC, Campus M	94.86	58	IAMS_20	IAMS_20		10 34 02.8	
BC3	Big Chukawall	94.88	57	P	P		09 58 26.0	+2.7
R11A	Troy Canyon, C	94.91	52	P	P		09 58 25.3	+1.9
R11A	Troy Canyon, C	94.91	52	P	P		09 58 21.8	-1.6
R11A	Troy Canyon, C	94.91	52	P	P		10 35 32.3	
CPXB	Cerro Prieto	94.97	58	IAMS_20	IAMS_20		10 33 38.7	
ARU	Arti	95.04	326	P	P		09 58 24.3	+1.0
ARU	Arti	95.04	326	P	P		10 40 28.6	
ARU	Arti	95.04	326	P	P		10 09 26.1	+2.8
ARU	Arti	95.04	326	P	P		10 09 01.0	+2.6
ARU	Arti	95.04	326	P	P		10 15 58.5	-4.3
ARU	Arti	95.04	326	P	P		09 58 20.9	-2.4
ARU	Arti	95.04	326	P	P		10 40 46.2	
GEYT	Alibeck	95.15	308	P	P		09 58 25.3	+0.9
GEYT	Alibeck	95.15	308	P	P		10 43 35.3	
SHPR	Sheep Range	95.20	54	P	P		09 58 23.6	-1.2
SHPR	Sheep Range	95.20	54	P	P		10 37 26.5	
ELK	Elko	95.22	50	IAMS_20	IAMS_20		10 39 05.4	
SFX	San Felipe	95.32	59	IAMS_20	IAMS_20		10 41 00.1	
AKTO	Aktubinsk	95.37	320	P	P		09 58 25.3	+0.3
AKTO	Aktubinsk	95.37	320	P	P		09 58 25.3	+0.3
GLA	Glamis	95.39	57	P	P		09 58 27.8	+2.2
YKA	Yellowknife Ar	95.51	28	P	P		09 58 26.2	+0.8
YKA	Yellowknife Ar	95.51	28	P	P		10 02 16.7	+0.5
YKA	Yellowknife Ar	95.51	28	P	P		10 38 01.2	
YKA	Yellowknife Ar	95.51	28	P	P		09 58 26.2	+0.8
Y12C	Blythe	95.66	57	P	P		09 58 29.5	+2.7
HLID	Halley	95.87	47	P	P		09 58 29.6	+2.0
PDMCI	Parker Dam,Lak	95.99	56	P	P		09 58 30.4	+2.2
WALA	Waterton Lakes	96.19	41	P	P		09 58 27.3	-1.6
WALA	Waterton Lakes	96.19	41	P	P		09 58 34.9	
WALA	Waterton Lakes	96.19	41	P	P		10 35 17.9	
W13A	Hualapai Mount	96.21	55	IAMS_20	IAMS_20		10 33 32.4	
RPN	Rapa Nui	96.31	118	LR	LR		10 35 13.2	
DUG	Dugway, Tooele	97.07	50	P	P		09 58 35.8	+2.5
214A	Organ Pipe Nat	97.08	58	P	P		09 58 35.1	+1.8
214A	Organ Pipe Nat	97.08	58	P	P		10 34 24.6	
KNB	Kanab	97.08	53	P	P		09 58 28.9	-4.5
KNB	Kanab	97.08	53	P	P		09 58 28.9	-4.5
U15A	North Rim	97.51	54	P	P		09 58 31.9	-3.5
U15A	North Rim	97.51	54	P	P		10 41 02.7	
BOZ	Bozeman (W)	97.82	45	P	P		09 58 38.4	+1.9
HWUT	Hardware Ranch	97.99	49	IAMS_20	IAMS_20		10 39 39.6	
WUAZ	Wupatki	98.27	56	P	P		09 58 41.1	+2.4
WUAZ	Wupatki	98.27	56	P	P		10 34 49.7	
AHID	Auburn Hatcher	98.30	48	IAMS_20	IAMS_20		10 42 17.6	
FXWY	Fox Creek	98.33	47	IAMS_20	IAMS_20		10 41 52.1	
TPAW	Teton Pass	98.39	47	IAMS_20	IAMS_20		10 35 35.8	
SNOW	Snow King Moun	98.53	47	IAMS_20	IAMS_20		10 42 04.5	
H17A	Hart Mountain	98.62	46	IAMS_20	IAMS_20		10 38 33.8	
HSIG	Hightower	98.67	61	IAMS_20	IAMS_20		10 40 33.1	
EGMT	Eagleton	98.99	42	P	P		09 58 38.9	-2.6
EGMT	Eagleton	98.99	42	P	P		09 58 46.8	
BW06	Boulder Array	99.44	48	P	P		09 58 44.0	+0.1
BW06	Boulder Array	99.44	48	P	P		10 36 49.7	
PD31	Pinedale Array	99.44	48	P	P		09 58 39.4	-4.5
PDAR	Pinedale Array	99.44	48	P	P		09 58 43.8	-0.1
PDAR	Pinedale Array	99.44	48	P	P		10 37 01.2	
PDAR	Pinedale Array	99.44	48	P	P		09 58 42.0	-1.9
RLMT	Red Lodge	99.51	45	IAMS_20	IAMS_20		10 40 03.0	
RDMU	Red Mountain	99.54	50	P	P		09 58 40.7	-3.6
319A	Douglas	100.09	59	IAMS_20	IAMS_20		10 36 49.4	
PV13	Radium Mtn., P	100.23	52	IAMS_20	IAMS_20		10 38 42.3	
ALE	Alert	100.40	4	IAMS_20	IAMS_20		10 39 57.8	
PV01								

15d 10h

Table with columns: MESJ, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Messejana, Vaqueiros, San Ignacio, Marnelele, Vila Bisbo, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Keravat, Port Moresby, Honiara, etc.

15.44 206 P P

Table with columns: MTSU, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Charters Tower, Mount Surprise, Warramunga Arr, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Glory Hole Cre, Indian Mountain, etc.

750

Table with columns: KSH, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Kashi, Clear Creek Bu, Gilahina Butte, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VANU Vaenersborg, FKPU Falk, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NORARS Array S, Falu, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Virojoki, Joensuu, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Virojoki, Joensuu, etc.

15d 10h

WTTA	comp=Z,23nm,1.6s	i	PP	PP	10 51 19.2	-1.1
F62A	comp=Z,25nm,1.7s Pittston Farm, comp=Z,1.2m,20.0s	125.10	34	IAMS_20	IAMS_20	11 47 43.0
CIMO	comp=Z,1.1m,22.0s Cimolais	125.17	326	IAMS_20	IAMS_20	11 44 26.7
G62A	comp=Z,1.1m,22.0s West of Eustis	125.17	35	IAMS_20	IAMS_20	11 47 49.1
H62A	comp=Z,1.1m,20.0s Milan	125.17	36	IAMS_20	IAMS_20	11 43 23.4
EKA	comp=Z,1.2m,0.7s,ba=38,slow=2.7,SNR=2.0 Eskdalemuir Ar	125.18	343	PKP	PKPKP	10 49 32.2 0.0
EKA	comp=Z,1.2m,0.7s,ba=38,slow=2.7,SNR=2.0 Moosalm	125.26	328	iPKPKP	PKPKP	10 51 20.3 -0.3
MOTA	comp=Z,0.3nm,0.3s,ba=40,slow=12,SNR=2.3 Moosalm	125.26	328	iPKPKP	PKPKP	10 49 31.9 -0.5
MOTA	comp=Z,1.2nm,1.2s Sankt Quirin	125.28	328	iPKPKP	PKPKP	10 49 34.1 +1.2
SQTA	comp=Z,1.4nm,1.5s Sankt Quirin	125.28	328	iPKPKP	PKPKP	10 51 21.1 -0.8
V60A	comp=Z,1.1nm,1.0s Jim Taylor Roa	125.29	49	IAMS_20	IAMS_20	11 36 13.7
STU	comp=Z,1.1m,21.0s Stuttgart	125.31	330	IAMS_20	IAMS_20	11 45 04.3
RETA	comp=Z,1.1m,21.0s Reutte	125.35	328	iPKPKP	PKPKP	10 49 34.9 +2.0
RETA	comp=Z,1.1m,21.0s Reutte	125.35	328	iPKPKP	PKPKP	10 51 22.0 -0.3
61A	comp=Z,6.2nm,0.6s Hampton	125.38	43	IAMS_20	IAMS_20	11 45 21.0
I62A	comp=Z,1.1m,20.0s Tamworth	125.46	37	IAMS_20	IAMS_20	11 40 07.0
K62A	comp=Z,9.74nm,20.0s Royalston	125.56	39	IAMS_20	IAMS_20	11 42 50.0
WSPT	comp=Z,1.1m,21.0s Westport, CT	125.63	41	IAMS_20	IAMS_20	11 37 49.3
E63A	comp=Z,1.1m,19.0s Oxbow	125.64	33	IAMS_20	IAMS_20	11 46 18.1
FETA	comp=Z,1.1m,19.0s Feichten	125.66	328	iPKPKP	PKPKP	10 49 34.1 +0.4
QUA2	comp=Z,8.1nm,1.5s Belchertown	125.69	39	IAMS_20	IAMS_20	11 37 43.8
POI	comp=Z,1.1m,21.0s Presque Isle	125.70	33	IAMS_20	IAMS_20	11 41 05.7
CTI	comp=Z,9.81nm,20.0s Castel Tesino	125.77	326	IAMS_20	IAMS_20	11 44 04.6
V61A	comp=Z,1.1m,19.0s Roper	125.79	48	IAMS_20	IAMS_20	11 46 51.9
DAVA	comp=Z,1.1m,19.0s Damuels	125.94	329	iPKPKP	PKPKP	10 49 33.9 +0.1
DAVA	comp=Z,1.1m,19.0s Damuels	125.94	329	iPKPKP	PKPKP	10 51 27.4 +1.1
WVL	comp=Z,1.1m,22.0s Waterville	126.06	36	IAMS_20	IAMS_20	11 39 19.5
DAVOX	comp=Z,1.1m,22.0s Davos/Dischmat	126.26	328	PKP	PKPKP	10 49 34.9 0.0
BATG	comp=Z,1.1m,21.0s Bathurst New B	126.35	31	IAMS_20	IAMS_20	11 39 42.4
SALO	comp=Z,1.1m,21.0s Salr	126.65	327	IAMS_20	IAMS_20	11 44 25.0
TUE	comp=Z,1.1m,22.0s Stuetta	126.74	328	PKPKP	PKPKP	10 49 35.5 +0.1
TUE	comp=Z,1.1m,22.0s Stuetta	126.74	328	PKPKP	PKPKP	10 49 35.5 +0.1
G65A	comp=Z,8.51nm,20.0s Princeton	126.86	34	IAMS_20	IAMS_20	11 38 45.7
PRMA	comp=Z,7.95nm,20.0s PARMA	127.30	326	IAMS_20	IAMS_20	11 46 05.1
GGN	comp=Z,9.69nm,18.0s Saint George	127.31	34	IAMS_20	IAMS_20	11 53 05.8
VLC	comp=Z,7.70nm,20.0s Villaclemance	127.32	325	IAMS_20	IAMS_20	11 47 40.0
DSB	comp=Z,1.1m,20.0s Dublin	127.94	343	IAMS_20	IAMS_20	11 45 05.2
BCIP	comp=Z,6.22nm,19.0s Isia Bato Col	128.80	82	IAMS_20	IAMS_20	11 40 35.8
TSUM	comp=Z,1.1m,20.0s Tsumeb	129.02	241	IAMS_20	IAMS_20	11 43 50.6
CLF	comp=Z,1.1m,20.0s Chambon-Forêt	129.09	334	IAMS_20	IAMS_20	11 48 40.1
MTJD	comp=Z,8.47nm,22.0s Mount Denham	130.11	70	IAMS_20	IAMS_20	11 41 02.8
BBAC	comp=Z,1.1m,20.0s Balboa, Cauca	131.26	91	eP	PKPKP	10 49 45.2 +0.3
DBBC	comp=Z,1.1m,20.0s La Cruz	131.52	92	eP	PKPKP	10 49 44.1 +1.2
CBCC	comp=Z,1.1m,20.0s Ciudad Bolivar	132.44	86	eP	PKPKP	10 49 54.0 +5.5
ANIL	comp=Z,1.1m,20.0s Santa Ana	133.22	88	eP	PKPKP	10 49 49.2 +0.5
GV2C	comp=Z,1.1m,20.0s Guyana, Caldas	133.27	87	eP	PKPKP	10 49 50.0 -0.2
RREF	comp=Z,1.1m,20.0s El Recreo	133.29	87	eP	PKPKP	10 49 50.8 +0.4
TOLC	comp=Z,1.1m,20.0s Tolima	133.31	88	eP	PKPKP	10 49 49.5 +0.6
ORTC	comp=Z,1.1m,20.0s Ortega, Tolima	133.36	89	eP	PKPKP	10 49 49.0 +0.3
SJCC	comp=Z,1.1m,20.0s San Jacinto, C	133.36	81	eP	PKPKP	10 49 47.6 -1.0
PRAC	comp=Z,1.1m,20.0s Prado	133.71	89	eP	PKPKP	10 49 50.8 +0.2
NORC	comp=Z,1.1m,20.0s Norcasia	133.77	86	eP	PKPKP	10 49 45.2 -4.2
ZARC	comp=Z,1.1m,20.0s Zaragoza, Cau	133.77	84	eP	PKPKP	10 49 49.5 +0.1
PTBC	comp=Z,1.1m,20.0s PUERTO BERRIO	134.19	85	eP	PKPKP	10 49 48.4 -1.7
ROSC	comp=Z,1.1m,20.0s El Rosal	134.31	87	eP	PKPKP	10 49 47.4
ROSC	comp=Z,7.6nm,0.4s,ba=25,slow=20,SNR=2.1 El Rosal	134.31	87	eP	PKPKP	10 49 48.4 -4.1
SPBC	comp=Z,1.1m,20.0s San Pablo de B	134.57	86	eP	PKPKP	10 49 51.6 +0.6
MACC	comp=Z,1.1m,20.0s Macarena, Meta	134.65	91	eP	PKPKP	10 49 51.6 +0.6
CHIC	comp=Z,1.1m,20.0s Chingaza	134.89	88	eP	PKPKP	10 49 52.4 +0.4
GRTK	comp=Z,1.1m,20.0s Grand Turk	135.24	64	IAMS_20	IAMS_20	11 41 44.1
OCAC	comp=Z,1.1m,20.0s Ocano	135.28	83	eP	PKPKP	10 49 51.6 -0.7
BARC	comp=Z,1.1m,20.0s Barichara	135.45	85	eP	PKPKP	10 49 52.4 -0.4
RUSC	comp=Z,1.1m,20.0s La Rusia	135.55	86	eP	PKPKP	10 49 53.2 -0.1
RUSC	comp=Z,1.1m,20.0s La Rusia	135.55	86	eP	PKPKP	10 49 48.3 -5.0
LPAZ	comp=Z,3.6nm,0.8s,ba=27,slow=5.7,SNR=0.0 La Paz	135.78	119	PKPKP	PKPKP	10 49 46.9
LPAZ	comp=Z,4.2nm,0.8s,ba=32,slow=2.1,SNR=6.6 La Paz	135.78	119	PKPKP	PKPKP	10 49 54.4 +0.6
LPAZ	comp=Z,1.1m,21.0s La Paz	135.78	119	PKPKP	PKPKP	10 49 50.8 -3.0
GV2C	comp=Z,1.1m,21.0s La Paz	135.78	119	PKPKP	PKPKP	10 49 50.8 -3.0
LPVZ	comp=Z,1.1m,21.0s San Jose del G	135.90	91	eP	PKPKP	10 49 50.8 -2.5
BBSR	comp=Z,8.76nm,19.0s SB Station	136.09	46	IAMS_20	IAMS_20	11 55 54.3
SC01	comp=Z,7.10nm,18.0s Santiago de lo	136.16	66	IAMS_20	IAMS_20	11 39 25.4
SDD	comp=Z,7.10nm,18.0s Santo Domingo	137.15	67	IAMS_20	IAMS_20	11 50 32.6
SDV	comp=Z,7.10nm,18.0s Santo Domingo	137.90	82	PKPKP	PKPKP	10 49 57.7 +0.4
ES07	comp=Z,7.75nm,21.0s SONSECA Array	138.37	331	IAMS_20	IAMS_20	11 53 24.7
ES17	comp=Z,7.75nm,21.0s SONSECA Array	138.37	331	IAMS_20	IAMS_20	11 53 23.7
ES06	comp=Z,7.78nm,21.0s SONSECA Array	138.38	331	IAMS_20	IAMS_20	11 54 13.0
ES01	comp=Z,7.63nm,22.0s SONSECA Array	138.38	331	IAMS_20	IAMS_20	11 53 25.0
ESDC	comp=Z,0.9nm,1.0s,ba=34,slow=3.4,SNR=5.6 Sonseca Array	138.38	331	PKP	PKPKP	10 49 57.8 +0.5
ESDC	comp=Z,3.4nm,1.0s,ba=30,slow=3.4,SNR=8.2 Sonseca Array	138.38	331	PKP	PKPKP	10 52 46.6 +0.5
ES04	comp=Z,7.76nm,22.0s SONSECA Array	138.39	331	IAMS_20	IAMS_20	11 53 22.3
ES05	comp=Z,7.46nm,21.0s SONSECA Array	138.39	331	IAMS_20	IAMS_20	11 53 20.3
ES16	comp=Z,8.22nm,21.0s SONSECA Array	138.39	331	IAMS_20	IAMS_20	11 53 22.6
ES13	comp=Z,6.51nm,21.0s SONSECA Array	138.40	331	IAMS_20	IAMS_20	11 53 21.7
ES15	comp=Z,7.40nm,21.0s SONSECA Array	138.41	331	IAMS_20	IAMS_20	11 53 20.8
ES14	comp=Z,7.63nm,22.0s SONSECA Array	138.41	331	IAMS_20	IAMS_20	11 54 08.9
CART	comp=Z,6.62nm,21.0s Cartagena	138.42	326	IAMS_20	IAMS_20	11 56 56.5
CPUP	comp=Z,6.40nm,20.0s Villa Florida	138.68	139	PKP	PKPKP	10 49 58.9 +0.7
OBIP	comp=Z,3.0nm,0.9s,ba=24,slow=8.1,SNR=3.7 Obisapo Ponce	140.29	67	PKP	PKPKP	10 49 59.5 -1.7
BAUV	comp=Z,1.1m,20.0s El Baul	140.45	81	PKPKP	PKPKP	10 49 59.9 -1.8
SJG	comp=Z,1.1m,20.0s San Juan	140.69	67	eP	PKPKP	10 49 59.6 -2.3
SJG	comp=Z,1.1m,20.0s San Juan	140.69	67	IAMS_20	IAMS_20	11 48 42.4
PDRP	comp=Z,8.85nm,20.0s Patillas Dam,	140.83	67	PKPKP	PKPKP	10 50 02.4 +0.2
HUMP	comp=Z,1.1m,20.0s Col San Antonio	140.96	66	PKPKP	PKPKP	10 50 02.5 +0.1
SAML	comp=Z,1.1m,20.0s Samuel	142.98	111	eP	PKPKP	10 50 05.2 -1.0
SEUS	comp=Z,8.88nm,20.0s St. Eustatius	143.76	66	IAMS_20	IAMS_20	11 46 46.7
MLYT	comp=Z,1.1m,20.0s Lee's Yard	144.70	67	eP	PKPKP	10 49 53.0 -1.5
ROSA	comp=Z,8.38nm,19.0s Rosais	145.74	360	IAMS_20	IAMS_20	11 42 36.5

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MAGL	Barre de l'île	145.76	68	e	PKPKP	10 50 01.0 -1.0
TOSP	Speyside	147.51	76	e	PKPKP	10 50 15.0 +1.1
PTGA	Pitinga	148.14	98	PKPbc	PKPKP	10 50 19.1 +0.8
TORD	Torodi Ar. Bea	148.94	288	PKP	PKPKP	10 50 16.8 +0.5
AOS	comp=Z,3.2nm,0.6s,ba=55,slow=2.4,SNR=1.1 Torodi	148.94	288	PKPbc	PKPKP	10 50 20.3 0.0
TORD	comp=Z,2.0nm,1.0s,ba=59,slow=3.5,SNR=3.2 Torodi	148.94	288	PKP	PKPKP	10 53 51.9 +0.8
TORD	comp=Z,1.5nm,1.1s,ba=78,slow=4.0,SNR=1.1 Torodi Ar. Bea	148.94	288	PKPbc	PKPKP	10 50 16.1 -0.2
BDFB	comp=Z,2.9,1nm,0.8s,ba=88,slow=1.8,SNR=9.7 Brasilia	152.31	136	PKPbc	PKPKP	10 50 29.0 +0.3
BDFB	comp=Z,15nm,0.7s,ba=182,slow=3.4,SNR=7.5 Brasilia	152.31	136	PKPbc	PKPKP	10 50 39.4 +1.2
BDFB	comp=Z,15nm,0.7s,ba=182,slow=3.4,SNR=7.5 Brasilia	152.31	136	PKPbc	PKPKP	10 50 21.4 -0.3
BDFB	comp=Z,15nm,0.7s,ba=182,slow=3.4,SNR=7.5 Brasilia	152.31	136	PKPbc	PKPKP	10 50 28.1 +0.3
BDFB	comp=Z,15nm,0.7s,ba=182,slow=3.4,SNR=7.5 Brasilia	152.31	136	PKPbc	PKPKP	10 50 35.2 +0.7
DBIC	Dimbokro	156.37	277	PKPbc	PKPKP	10 50 55.4 -0.2
DBIC	Dimbokro	156.37	277	PKPbc	PKPKP	10 50 27.4 +0.1
DBIC	Dimbokro	156.37	277	PKPbc	PKPKP	10 50 27.4 +0.1
DBIC	Dimbokro	156.37	277	PKPbc	PKPKP	10 50 55.1 -0.5

BEO 15 10:33:30.4,0.9,40.15N,25.21E, h0km,4km, ML3,7/5
ISK 15 10:33:31.0,40.22N,25.18E, h14km, ML3,7/18
THE 15 10:33:31.8,40.21N,25.16E, h13km, ML3,6/11, Error
ellipse: s-maj=0.8km s-min=0.4km az=50.0
ATH 15 10:33:31.1,40.20N,25.16E, h26km,1km, ML3,7/11, Error
ellipse: s-maj=1.3km s-min=0.8km az=47.0
DDA 15 10:33:32.3,40.16N,25.22E, h27km, MW3.8
ISC 15 10:33:31.3,1.0,40.20N,0.02,25.18E,0.02,h12km,gkm,
n152,0973/196,27C-3D, Aegean Sea

Code	Station Name	A°	AZ°	Phase ID	Time	Res
LIA	Limnos Island	0.30	179	Op P	ISC	h m s ISC
LIA	25mu,0.4s			S	Pb	10 33 38.4 -0.2
LIA	Limnos Island	0.30	179	P	Sb	10 33 42.7 -0.8
LIA	Limnos Island	0.30	179	P	Sb	10 33 38.4 -0.2
LIA	Limnos Island	0.30	179	P	Sb	10 33 43.0 -0.5
LIA	Limnos Island	0.30	179	P	Sb	10 33 43.0 -0.5
LIA	Limnos Island	0.30	179	P	Sb	10 33 43.0 -0.5
LIA	Limnos Island	0.30	179			

mb4.1/9, Error ellipse: s-maj=65.9km s-min=5.6km az=76.0

ISC 15 10:38:42.0±0.8, 26.9N, 0.1°139.8E, 0.1, h450km, n28, ±0.134/31, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Chichijima, Mitsune, Hachioji jima, etc.

ISC 15 10:42:27.0±1.1, 18.56S, 175.51W, h267km, 3qkm mb4.0/13, mb1.4/14, mb1mx3.7/45, mbtmp4.6/14, Error ellipse: s-maj=17.5km s-min=13.2km az=117.0

NEIC 15 10:42:29.5±1.0, 18.6S, 0.1°175.6W, 0.1, h291km, 7qkm, mb4.5/43, Error ellipse: s-maj=17.2km s-min=12.6km az=48.0

ISC 15 10:42:30.7±0.7, 18.6S, 0.1°175.6W, 0.1, h300km, n63, ±0.1903/64, mb4.4/28, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Nonsavu, Sarouutu, Urewera, etc.

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Table with columns: MJAR, Matsuhiro Arr, 70.06 322, P, P, 10 53 10.6 -0.1. Lists seismic events with station names and magnitudes.

IDC 15 10:43:12.1±1.0, 37.04N, 142.54E, h0km, mb4.0/13, mb1.4/21, mb1mx3.9/67, mbtmp4.0/21, ML3.2/6, MS4.4/3, MS1.4/4/3, ms1mx3.6/56, Error ellipse: s-maj=20.9km s-min=16.0km az=101.0

JMA 15 10:43:12.5±0.3, 37.04N, 142.51E, h12km, 4M, 3 JNEIC 15 10:43:13.9±1.6, 37.04N, 0.07, 142.8E, 0.1, h25km, 6qkm, mb4.5/9, Error ellipse: s-maj=14.7km s-min=9.4km az=103.0

ISC 15 10:43:11.2±2.7, 37.06N, 0.04, 142.58E, 0.06, h2km, 16qkm, n72, ±0.886/79, mb4.1/18, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Kawuchi, Iwakimizuishi, etc.

ISC 15 10:43:12.1±1.0, 37.04N, 142.51E, h12km, 4M, 3 JNEIC 15 10:43:13.9±1.6, 37.04N, 0.07, 142.8E, 0.1, h25km, 6qkm, mb4.5/9, Error ellipse: s-maj=14.7km s-min=9.4km az=103.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Nakatsue, Ussuriysk Arr, etc.

15d 10h

Table with columns: ASAR, Alice Springs, 60.95 189, P, P, 10 53 27.2 +1.6. Lists seismic events with station names and magnitudes.

IDC 15 10:43:36.0±1.1, 4.48S, 151.46E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.6/44, mbtmp3.8/4, Error ellipse: s-maj=43.8km s-min=8.3km az=159.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Keravat, Warramunga Arr, etc.

TUL 15 10:47:53.9±1.3, 36.75N, 0.02, 97.75W, 0.06, h5km, 1km, ML3.0, Error ellipse: s-maj=6.8km s-min=2.5km az=76.0

NEIC 15 10:47:54.2±1.1, 36.72N, 0.02, 97.74W, 0.06, h1km, 8qkm, Error ellipse: s-maj=7.3km s-min=1.5km az=76.0

ANF 15 10:47:54.8±1.3, 36.77N, 97.76W, h5km, 8qkm, ML3.6/5, Error ellipse: s-maj=4.1km s-min=3.5km az=127.0

ISC 15 10:47:54.5±0.8, 36.73N, 0.02, 97.71W, 0.03, h10km, n41, ±0.1926/45, Oklahoma region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like CROK, Karil'sk, etc.

JMA 15 10:48:45.6±0.8, 46.79N, 153.11E, h30km, M4.7 SKHL 15 10:48:47.6±0.1, 46.70N, 153.00E, h6km, 4km, mb4.6/8, MOS 15 10:48:47.1±1.0, 46.82N, 152.84E, h59km, mb4.0/10, Error ellipse: s-maj=9.0km s-min=4.3km az=66.4

IDC 15 10:48:48.6±2.7, 46.91N, 152.76E, h51km, 24km, mb3.8/22, mb1.4/0.26, mb1mx3.9/48, mbtmp4.0/26, ML2.8/4, Error ellipse: s-maj=17.7km s-min=10.7km az=138.0

NEIC 15 10:48:50.4±1.6, 46.93N, 0.1, 152.7E, 0.1, h69km, 6qkm, mb4.6/42, Error ellipse: s-maj=17.9km s-min=11.1km az=137.0

ISC 15 10:48:46.3±0.5, 46.63N, 0.06, 153.05E, 0.06, h40km, n194, ±0.2507/201, mb4.4/44, 56D, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations like Kuril'sk, Severo-Kuril's, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GULT Gulveren, BLCBC Balçova, HRC Balçova, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KZDZ Kurdzhali, KJMB Yambol, JAMP Karpatos, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

15d 12h

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like TWT, WVDT, YHNB, etc.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like HSN, NSY, WNT, etc.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like SNJT, SCZT, TSEB, etc.

BUI 15 12:55:01.7, 0.56, 38N, 163.03E, h26km, mB4.9/26, mb4.6/37, Ms4.4/18, Ms7.4/17
KRSC 15 12:55:02.4, 1.2, 56.06N, 163.35E, h42km, 15km, ML5.3, FELT (II-III) at cape Afrika, Pogodnji; III at Ust-Kamchatsk.
MOS 15 12:55:05.6, 1.0, 56.12N, 163.06E, h54km, mb4.7/52, MS3.7/12, Error ellipse: s-maj=5.9km s-min=3.5km az=65.0
NEIC 15 12:55:07.2, 1.56, 06N, 0.06, 163.1E, 0.1, h48km, 3km,

Table with columns: KRVT, Keravat (AS076), 60.90 193, LR, LR, 13 25 59.8, etc. Includes stations like 214A Organ Pipe Nat, 214A Organ Pipe Nat, NB2 Organ Subarra, etc.

Table with columns: I59A Olmsteadville, 69.49 40, P, P, 13 06 10.3 -0.1, etc. Includes stations like KWP Kalwaria Pacla, KWP Kalwaria Pacla, M55A Ridgway, etc.

Table with columns: DAV Davao City (W), 1.92 321, Sn, Sn, 13 18 43.7 +5.1, etc. Includes stations like DAV Davao City (W), TNTI Ternate, LUWI Luwuk, etc.

15d 14h

Table with columns: LPZAZ, comp, LR, LR, 14 12 36.5, MAW, comp, LR, LR, 14 23 06.3, HO1W1, comp, T, T, 15 34 31.8, HO1W2, comp, T, T, 15 34 32.1, HO1W3, comp, T, T, 15 34 33.0, ASAR, comp, P, P, 15 59 30.8 0.0, BOSA, comp, LR, LR, 14 34 06.5, H1S12, comp, T, T, 15 47 52.4, H1S13, comp, T, T, 15 47 49.8, H1H11, comp, T, T, 15 47 44.6, H1H13, comp, T, T, 15 48 51.9, H1H11, comp, T, T, 15 48 53.5, H1H12, comp, T, T, 15 48 54.9, SONMI, comp, PKPab, PKPab, 14 07 05.1 -0.4

MAN 15 13:46:59.2, 5.59N, 126.61E, h4km, mb4.7, ML3.6, MS3.5, Mindanao

IDC 15 13:57:05.5-1.2, 10.30N, 60.53W, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.726, mbtrnp3.8/6, Error ellipse: s-maj=33.2km s-min=1.0km az=166.0 NEIC 15 13:57:17.0-1.2, 11.45N, 0.05-60.31W, 0.06, h4km, mb4.7, ML3.6, MS3.5, Mindanao

TRN 15 13:57:15.3, 11.44N, 60.29W, h60km, MD4.0 ISC 15 13:57:17.0-1.2, 11.45N, 0.05-60.31W, 0.06, h4km, mb4.7, ML3.6, MS3.5, Mindanao

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, BOT, Bacoet, 0.49 235 Op ISC, TPR, Prospect, 0.53 240 eP Pn, TBH, Brigand Hill, 1.21 218 eP Pn, TRN, Trinidad (W), 1.34 234 eP Pn, GRGR, Grenville, 1.48 297 eS Pn, GRGR, Grenville, 1.48 297 Pn, GCMP, Grenada, Carri, 1.50 313 eP Pn, GCMP, Grenada, Carri, 1.50 313 eS Pn, GRHS, Sauteurs, 1.52 301 eP Pn, GRHS, Sauteurs, 1.52 301 eS Pn, GRSS, Sisters, 1.53 304 eP Pn, GRSS, Sisters, 1.53 304 eS Pn, BCHC, Barbados, Cave, 1.80 22 eP Pn, BCHC, Barbados, Cave, 1.80 22 eS Pn, BBGH, Gun Hill, 1.84 23 eP Pn, BBGH, Gun Hill, 1.84 23 eS Pn, BBSP, Saint Philip, 1.84 27 eP Pn, BBSP, Saint Philip, 1.84 27 eS Pn, SVCV, St. Vincent, C, 1.99 336 eP Pn, SVCV, St. Vincent, C, 1.99 336 eS Pn, BVS, Barnard House, 2.00 337 eP Pn, BVS, Barnard House, 2.00 337 eS Pn, SSV, Crater Summit, 2.06 335 eP Pn, SSV, Crater Summit, 2.06 335 eS Pn, SVV, Soufriere Volc, 2.06 335 eP Pn, SVV, Soufriere Volc, 2.06 335 eS Pn, GFAN, Fancy Village, 2.10 336 eP Pn, GFAN, Fancy Village, 2.10 336 eS Pn, SFAN, Fancy Village, 2.10 336 eP Pn, SFAN, Fancy Village, 2.10 336 eS Pn, SLDE, Delcer, 2.45 343 eP Pn, SLDE, Delcer, 2.45 343 eS Pn, SLPA, Patience, 2.46 346 eP Pn, SLPA, Patience, 2.46 346 eS Pn, SLPA, Belfond, 2.47 343 eP Pn, SLPA, Belfond, 2.47 343 eS Pn, SLAC, Saint Lucia, A, 2.50 347 eP Pn, SLAC, Saint Lucia, A, 2.50 347 eS Pn, SLW, Petit Monier, 2.63 347 eP Pn, SLW, Petit Monier, 2.63 347 eS Pn, SLBI, Saint Lucia, B, 2.64 346 eP Pn, SLBI, Saint Lucia, B, 2.64 346 eS Pn, HOS51, Guadeloupe/Mar, 3.00 350 Pn Sn, HOS51, Guadeloupe/Mar, 3.00 350 eS Pn, MPMO, Morne Pois Mar, 3.02 350 eS Pn, MPMO, Morne Pois Mar, 3.02 350 eP Pn, BIM, Bigot, 3.14 346 eP Pn, BIM, Bigot, 3.14 346 eS Pn, EIM, Montagne Vaucl, 3.14 350 eP Pn, EIM, Montagne Vaucl, 3.14 350 eS Pn, LPMF, Morne Lapointe, 3.17 348 eP Pn, LPMF, Morne Lapointe, 3.17 348 eS Pn, ZAM, Aeronautique, 3.18 347 eP Pn, ZAM, Aeronautique, 3.18 347 eS Pn, ILAM, Ilet Lapin Mar, 3.35 351 eP Pn, ILAM, Ilet Lapin Mar, 3.35 351 eS Pn, ILAM, Fort de France, 3.37 346 eP Pn, ILAM, Fort de France, 3.37 346 eS Pn, FDF, Fort de France, 3.37 346 eP Pn, FDF, Fort de France, 3.37 346 eS Pn, PML, Morne Lenard, 3.42 346 eP Pn, PML, Morne Lenard, 3.42 346 eS Pn, GBMF, Grand Be, 3.43 346 eP Pn, GBMF, Grand Be, 3.43 346 eS Pn, BAMF, Morne Balai, 3.44 346 eP Pn, BAMF, Morne Balai, 3.44 346 eS Pn, CKM, Morne La Croix, 3.46 346 eP Pn, CKM, Morne La Croix, 3.46 346 eS Pn, PCM, Pelee Case Pet, 3.47 346 eP Pn, PCM, Pelee Case Pet, 3.47 346 eS Pn, SVN, Savane Anatole, 3.86 233 eP Pn, SVN, Savane Anatole, 3.86 233 eS Pn, ORIV, Oritupano, 3.86 233 eP Pn, ORIV, Oritupano, 3.86 233 eS Pn, MDN, Morne-Daniel, 3.99 345 eP Pn, MDN, Morne-Daniel, 3.99 345 eS Pn, DLSB, Salisbury, 4.11 345 eP Pn, DLSB, Salisbury, 4.11 345 eS Pn, PLCV, Puerto La Cruz, 4.10 254 Pn Pn, PLCV, Puerto La Cruz, 4.10 254 eP Pn, TDBA, Terre de Bas, 4.56 344 eP Pn, TDBA, Terre de Bas, 4.56 344 eS Pn, TBG, Guadeloupe-3, 4.56 344 eP Pn, TBG, Guadeloupe-3, 4.56 344 eS Pn, TBG, Guadeloupe-3, 4.56 344 eP Pn, TBG, Guadeloupe-3, 4.56 344 eS Pn, MAGL, Barre de l'ile, 4.57 348 eP Pn, MAGL, Barre de l'ile, 4.57 348 eS Pn, CBE, Ft. Capester, 4.76 346 eP Pn, CBE, Ft. Capester, 4.76 346 eS Pn, CBE, Ft. Capester, 4.76 346 eP Pn, CBE, Ft. Capester, 4.76 346 eS Pn, HOSN1, Guadeloupe/Mar, 4.89 352 Pn Pn, HOSN1, Guadeloupe/Mar, 4.89 352 eP Pn, HOSN1, Guadeloupe/Mar, 4.89 352 eS Pn, ABD, La Joyeuse, An, 5.12 347 eP Pn, ABD, La Joyeuse, An, 5.12 347 eS Pn, ABD, La Joyeuse, An, 5.12 347 eP Pn, ABD, La Joyeuse, An, 5.12 347 eS Pn, SKI, Saint Kitts, 6.30 338 eP Pn, SKI, Saint Kitts, 6.30 338 eS Pn, SKI, Saint Kitts, 6.30 338 eP Pn, SKI, Saint Kitts, 6.30 338 eS Pn, ANWB, Willy Bob, 6.35 347 eP Pn, ANWB, Willy Bob, 6.35 347 eS Pn, ANWB, Willy Bob, 6.35 347 eP Pn, ANWB, Willy Bob, 6.35 347 eS Pn, BAUV, El Baul, 8.01 253 eS Pn, BAUV, El Baul, 8.01 253 eP Pn, BAUV, El Baul, 8.01 253 eS Pn, BAUV, El Baul, 8.01 253 eP Pn, STVI, Saint Thomas, 8.20 327 Pn Pn, STVI, Saint Thomas, 8.20 327 eP Pn, STVI, Saint Thomas, 8.20 327 eS Pn, MTP, Monte Pirata, 8.33 323 Pn Pn, MTP, Monte Pirata, 8.33 323 eP Pn, MTP, Monte Pirata, 8.33 323 eS Pn, CUPR, Culebra, Puerto, 8.50 276 Pn Pn, CUPR, Culebra, Puerto, 8.50 276 eP Pn, CUPR, Culebra, Puerto, 8.50 276 eS Pn, HATO, Hato, Curacao, 8.59 161 -1.5 Pn Pn, HATO, Hato, Curacao, 8.59 161 -1.5 eP Pn, HATO, Hato, Curacao, 8.59 161 -1.5 eS Pn, PDPF, Patillas Dam, 8.55 320 Pn Pn, PDPF, Patillas Dam, 8.55 320 eP Pn, PDPF, Patillas Dam, 8.55 320 eS Pn, CBYP, Canovanas, 8.64 322 Pn Pn, CBYP, Canovanas, 8.64 322 eP Pn, CBYP, Canovanas, 8.64 322 eS Pn, AOPR, Arecibo Obispo, 9.26 319 Pn Pn, AOPR, Arecibo Obispo, 9.26 319 eP Pn, AOPR, Arecibo Obispo, 9.26 319 eS Pn, DR12, Loma Pena Alta, 11.40 311 Pn Pn, DR12, Loma Pena Alta, 11.40 311 eP Pn, DR12, Loma Pena Alta, 11.40 311 eS Pn, BAN1, Bani, 14.91 307 Pn Pn, BAN1, Bani, 14.91 307 eP Pn, BAN1, Bani, 14.91 307 eS Pn, PTGA, Pitinga, 12.11 178 Pn Pn, PTGA, Pitinga, 12.11 178 eP Pn, PTGA, Pitinga, 12.11 178 eS Pn, SDDR, Presa de Saban, 12.97 307 Pn Pn, SDDR, Presa de Saban, 12.97 307 eP Pn, SDDR, Presa de Saban, 12.97 307 eS Pn, LPZAZ, La Paz, 28.62 196 P P, LPZAZ, La Paz, 28.62 196 eP Pn, LPZAZ, La Paz, 28.62 196 eS Pn, O51A, Peebles, 34.27 327 P P, O51A, Peebles, 34.27 327 eP Pn, O51A, Peebles, 34.27 327 eS Pn, PLAL, Pickwick Lake, 34.42 317 P P, PLAL, Pickwick Lake, 34.42 317 eP Pn, PLAL, Pickwick Lake, 34.42 317 eS Pn, S39A, Bolivar, 39.45 317 P P, S39A, Bolivar, 39.45 317 eP Pn, S39A, Bolivar, 39.45 317 eS Pn, H10N3, ASCENSION HYDR9, 43 111 T T, H10N3, ASCENSION HYDR9, 43 111 eP T, H10N3, ASCENSION HYDR9, 43 111 eS T, H10N2, ASCENSION HYDR9, 44 111 T T, H10N2, ASCENSION HYDR9, 44 111 eP T, H10N2, ASCENSION HYDR9, 44 111 eS T, H10N1, ASCENSION HYDR9, 45 111 T T, H10N1, ASCENSION HYDR9, 45 111 eP T, H10N1, ASCENSION HYDR9, 45 111 eS T

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Table with columns: PV17, East Wray Mesa, 50.85 310 P P, PV17, Boulder Array, 52.79 316 P P, PDAR, Pinedale Array, 52.79 316 P P, YHU, Marysval, 53.33 310 P P, YHH, Holmes Hill, 54.40 317 P P, YSL, Hebgen Lake, 54.64 317 P P, ESDC, Sonseca Array, 56.99 50 P P, ESDC, Sonseca Array, 56.99 50 P P, TORO, Torodi Ar. Bea, 60.47 81 P P, YKA, Yellowknife Ar, 63.88 335 P P, KEST, Kesra, 66.92 56 P P, KEST, Kesra, 66.92 56 Iamb Iamb, BCAR, Beaver Creek A, 76.01 332 P P, SP40, Spitsbergen Ar, 76.14 12 P P, FINES, FINES Array B, 76.18 29 P P

MAN 15 13:58:24.9, 6.97N, 123.83E, h1km, mb4.7, ML3.6, MS3.5, Mindanao

MAN 15 14:03:02.9, 5.45N, 126.80E, h2km, mb4.8, ML3.7, MS3.7, Mindanao

PRE 15 14:03:12.2, 1.2, 25.85S, 27.40E, h2km, ML2.3 ISC 15 14:03:11.2, 0.9, 25.75S, 27.48E, 0.04, h2km, m12, 15424, South Africa

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ERPM, east rand prop, 0.91 131 Op ISC, ERPM, east rand prop, 0.91 131 eP Pn, ERPM, east rand prop, 0.91 131 eS Pn, LBTB, Lobatse, 1.85 293 I P P, LBTB, Lobatse, 1.85 293 I S P, LBTB, Lobatse, 1.85 293 eP Pn, LBTB, Lobatse, 1.85 293 eS Pn, LBTB, Lobatse, 1.85 293 AML AML, LBTB, Lobatse, 1.85 293 I P P, LBTB, Lobatse, 1.85 293 I S P, LBTB, Lobatse, 1.85 293 eP Pn, LBTB, Lobatse, 1.85 293 eS Pn, BOSA, Boshof, 3.47 214 I P P, BOSA, Boshof, 3.47 214 I S P, BOSA, Boshof, 3.47 214 eP Pn, BOSA, Boshof, 3.47 214 eS Pn, BOSA, Boshof, 3.47 214 AML AML, BOSA, Boshof, 3.47 214 I P P, BOSA, Boshof, 3.47 214 I S P, BOSA, Boshof, 3.47 214 eP Pn, BOSA, Boshof, 3.47 214 eS Pn, MATP, Matopop, 5.38 10 I P P, MATP, Matopop, 5.38 10 I S P, MATP, Matopop, 5.38 10 eP Pn, MATP, Matopop, 5.38 10 eS Pn

TAP 15 14:11:50.3, 24.41N, 121.71E, h60km, ML3.0, 7C, B, Taiwan

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ENA, Nanau, 0.04 61 Op ISC, ENA, Nanau, 0.04 61 eP Pn, ENA, Nanau, 0.04 61 eS Pn, TWC, Suao, 0.23 33 I P P, TWC, Suao, 0.23 33 I S P, TWC, Suao, 0.23 33 eP Pn, TWC, Suao, 0.23 33 eS Pn, NACB, Ninganchiao, 0.26 204 I P P, NACB, Ninganchiao, 0.26 204 I S P, NACB, Ninganchiao, 0.26 204 eP Pn, NACB, Ninganchiao, 0.26 204 eS Pn, NDT, Datong Townshi, 0.26 317 eP Pn, NDT, Datong Townshi, 0.26 317 eS Pn, NDT, Datong Townshi, 0.26 317 eP Pn, NDT, Datong Townshi, 0.26 317 eS Pn, ET LH, Xiulin Townshi, 0.29 225 P P, ET LH, Xiulin Townshi, 0.29 225 eP Pn, ET LH, Xiulin Townshi, 0.29 225 eS Pn, NNSB, Datong, 0.30 273 I P P, NNSB, Datong, 0.30 273 I S P, NNSB, Datong, 0.30 273 eP Pn, NNSB, Datong, 0.30 273 eS Pn, NNSH, Datong, 0.30 273 I P P, NNSH, Datong, 0.30 273 I S P, NNSH, Datong, 0.30 273 eP Pn, NNSH, Datong, 0.30 273 eS Pn, NNS, Nan Shan, 0.31 275 I P P, NNS, Nan Shan, 0.31 275 I S P, NNS, Nan Shan, 0.31 275 eP Pn, NNS, Nan Shan, 0.31 275 eS Pn, TWE, Neicheng, 0.31 353 I P P, TWE, Neicheng, 0.31 353 I S P, TWE, Neicheng, 0.31 353 eP Pn, TWE, Neicheng, 0.31 353 eS Pn, TWD, Chiewan, 0.34 197 P P, TWD, Chiewan, 0.34 197 eP Pn, TWD, Chiewan, 0.34 197 eS Pn, TWD, Chiewan, 0.34 197 eP Pn, TWD, Chiewan, 0.34 197 eS Pn, ILA, ilan, 0.35 6 eP Pn, ILA, ilan, 0.35 6 eS Pn, YHNB, Yeheng, 0.40 310 I P P, YHNB, Yeheng, 0.40 310 I S P, YHNB, Yeheng, 0.40 310 eP Pn, YHNB, Yeheng, 0.40 310 eS Pn, NWLT, Wulai, 0.41 333 P P, NWLT, Wulai, 0.41 333 eP Pn, NWLT, Wulai, 0.41 333 eS Pn, NSK, Sanguang, 0.41 310 I P P, NSK, Sanguang, 0.41 310 I S P, NSK, Sanguang, 0.41 310 eP Pn, NSK, Sanguang, 0.41 310 eS Pn, HWA, Hwallien, 0.44 192 P P, HWA, Hwallien, 0.44 192 eP Pn, HWA, Hwallien, 0.44 192 eS Pn, HWA, Hwallien, 0.44 192 eP Pn, HWA, Hwallien, 0.44 192 eS Pn, NTC, Toucheng, 0.46 14 eP Pn, NTC, Toucheng, 0.46 14 eS Pn, NTC, Toucheng, 0.46 14 eP Pn, NTC, Toucheng, 0.46 14 eS Pn, EGS, baz=14, 0.48 25 eP Pn, EGS, baz=14, 0.48 25 eS Pn, EGS, baz=14, 0.48 25 eP Pn, EGS, baz=14, 0.48 25 eS Pn, WGS, Hehuan Shan, 0.48 237 eP Pn, WGS, Hehuan Shan, 0.48 237 eS Pn, WHF, baz=26, 0.53 253 I P P, WHF, baz=26, 0.53 253 I S P, WHF, baz=26, 0.53 253 eP Pn, WHF, baz=26, 0.53 253 eS Pn, TDCB, Tech, 0.57 11 I P P, TDCB, Tech, 0.57 11 I S P, TDCB, Tech, 0.57 11 eP Pn, TDCB, Tech, 0.57 11 eS Pn, TIPB, Shuangxi, 0.57 11 I P P, TIPB, Shuangxi, 0.57 11 I S P, TIPB, Shuangxi, 0.57 11 eP Pn, TIPB, Shuangxi, 0.57 11 eS Pn, NHHD, Xindian Distri, 0.57 343 I P P, NHHD, Xindian Distri, 0.57 343 I S P, NHHD, Xindian Distri, 0.57 343 eP Pn, NHHD, Xindian Distri, 0.57 343 eS Pn, TATO, Taipei, 0.60 340 P P, TATO, Taipei, 0.60 340 eP Pn, TATO, Taipei, 0.60 340 eS Pn

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Table with columns: CHGB, Renai, 0.60 234 P Pn, CHGB, Renai, 0.60 234 eP Pn, CHGB, Renai, 0.60 234 eS Pn, WLBT, Daxi, 0.60 317 P Pn, WLBT, Daxi, 0.60 317 eP Pn, WLBT, Daxi, 0.60 317 eS Pn, ESLS, Shilin, 0.65 203 I P Pn, ESLS, Shilin, 0.65 203 eP Pn, ESLS, Shilin, 0.65 203 eS Pn, TWB1, Santiao Chiao, 0.65 23 I P Pn, TWB1, Santiao Chiao, 0.65 23 eP Pn, TWB1, Santiao Chiao, 0.65 23 eS Pn, TAP, Taipei, 0.65 344 S Pn, TAP, Taipei, 0.65 344 eP Pn, TAP, Taipei, 0.65 344 eS Pn, NWF, Wu-fen Shan, 0.66 6 I P Pn, NWF, Wu-fen Shan, 0.66 6 eP Pn, NWF, Wu-fen Shan, 0.66 6 eS Pn, WFSB, Wu-fen Shan, 0.66 6 P Pn, WFSB, Wu-fen Shan, 0.66 6 eP Pn, WFSB, Wu-fen Shan, 0.66 6 eS Pn, OWD, Renai, 0.67 227 S Pn, OWD, Renai, 0.67 227 eP Pn, OWD, Renai, 0.67 227 eS Pn, LIOB, Emei, 0.67 290 I P Pn, LIOB, Emei, 0.67 290 eP Pn, LIOB, Emei, 0.67 290 eS Pn, WHP, Taichung City, 0.71 259 P Pn, WHP, Taichung City, 0.71 259 eP Pn, WHP, Taichung City, 0.71 259 eS Pn, NCU, National Centr, 0.73 320 P Pn, NCU, National Centr, 0.73 320 eP Pn, NCU, National Centr, 0.73 320 eS Pn, NCU, Zhongli, 0.73 319 eP Pn, NCU, Zhongli, 0.73 319 eS Pn, NCU, Zhongli, 0.73 319 eP Pn, NCU, Zhongli, 0.73 319 eS Pn, TWS1, Kuangyinsshan, 0.74 339 I P Pn, TWS1, Kuangyinsshan, 0.74 339 eP Pn, TWS1, Kuangyinsshan, 0.74 339 eS Pn, YM01, YM01, 0.74 350 P Pn, YM01, YM01, 0.74 350 eP Pn, YM01, YM01, 0.74 350 eS Pn, YM01, YM01, 0.75 350 P Pn, YM01, YM01, 0.75 350 eP Pn, YM01, YM01, 0.75 350 eS Pn, YM04, YM04, 0.76 348 P Pn, YM04, YM04, 0.76 348 eP Pn, YM04, YM04, 0.76 348 eS Pn, SBCB, Hsinchu, 0.76 300 eP Pn, SBCB, Hsinchu, 0.76 300 eS Pn, SBCB, Hsinchu, 0.76 300 eP Pn, SBCB, Hsinchu, 0.76 300 eS Pn, YM05, YM05, 0.76 350 P Pn, YM05, YM05, 0.76 350 eP Pn, YM05, YM05, 0.76 350 eS Pn, YM11, YM11, 0.76 351 P Pn, YM11, YM11, 0.76 351 eP Pn, YM11, YM11, 0.76 351 eS Pn, HSN, Hsinchu, 0.78 300 eP Pn, HSN, Hsinchu, 0.78 300 eS Pn, HSN, Hsinchu, 0.78 300 eP Pn, HSN, Hsinchu, 0.78 300 eS Pn, YM03, YM03, 0.78 349 P Pn, YM03, YM03, 0.78 349 eP Pn, YM03, YM03, 0.78 349 eS Pn, YM08, YM08, 0.78 352 P Pn, YM08, YM08, 0.78 352 eP Pn, YM08, YM08, 0.78 352 eS Pn, EGFH, Guangfu, 0.78 199 eP Pn, EGFH, Guangfu, 0.78 199 eS Pn, EGFH, Guangfu, 0.78 199 eP Pn, EGFH, Guangfu, 0.78 199 eS Pn, NTST, Danshui, 0.79 343 eP Pn, NTST, Danshui, 0.79 343 eS Pn, ANP, Anpu, 0.79 348 eP Pn, ANP, Anpu, 0.79 348 eS Pn, DPDB, Guoxing, 0.81 242 P Pn, DPDB, Guoxing, 0.81 242 eP Pn, DPDB, Guoxing, 0.81 242 eS Pn, VWDT, VWDT, 0.83 218 P Pn, VWDT, VWDT, 0.83 218 eP Pn, VWDT, VWDT, 0.83 218 eS Pn, NHW, Xinnu Township, 0.84 315 P Pn, NHW, Xinnu Township, 0.84 315 eP Pn, NHW, Xinnu Township, 0.84 315 eS Pn, NMLH, baz=314, 0.84 279 P Pn, NMLH, baz=314, 0.84 279 eP Pn, NMLH, baz=314, 0.84 279 eS Pn, TWQ1, Lyutan, 0.85 266 eP Pn, TWQ1, Lyutan, 0.85 266 eS Pn, NSY, Sanyi, 0.86 271 eP Pn, NSY, Sanyi, 0.86 271 eS Pn, TWW, Chenhua, 0.87 353 P Pn, TWW, Chenhua, 0.87 353 eP Pn, TWW, Chenhua, 0.87 353 eS Pn, SMLT, Sun Moon Lake, 0.91 235 P Pn, SMLT, Sun Moon Lake, 0.91 235 eP Pn, SMLT, Sun Moon Lake, 0.91 235 eS Pn, PTBS, Yuanli, 0.92 272 eP Pn, PTBS, Yuanli, 0.92 272 eS Pn, SSSL, Suanglung, 0.93 228 eP Pn, SSSL, Suanglung, 0.93 228 eS Pn, HGSD, Ruisui, 0.95 196 P Pn, HGSD, Ruisui, 0.95 196 eP Pn, HGSD, Ruisui, 0.95 196 eS Pn, EHY, Hungye, 0.97 201 eS Pn, EHY, Hungye, 0.97 201 eP Pn, WDJ, Dajia District, 0.98 267 eP Pn, WDJ, Dajia District, 0.98 267 eS Pn, TCU, Taichung, 0.98 255 eS Pn, TCU, Taichung, 0.98 255 eP Pn, WHYU, Xinyi Township, 1.06 228 P Pn, WHYU, Xinyi Township, 1.06 228 eP Pn, WHYU, Xinyi Township, 1.06 228 eS Pn, WJS, Zhushan, 1.07 237 eP Pn, WJS, Zhushan, 1.07 237 eS Pn, WNT, Mingjian, 1.07 241 P Pn, WNT, Mingjian, 1.07 241 eP Pn, WNT, Mingjian, 1.07 241 eS Pn, WCHH, Zhanghua, 1.10 253 eP Pn, WCHH, Zhanghua, 1.10 253 eS Pn, TWF1, Yuli, 1.12 200 eS Pn, TWF1, Yuli, 1.12 200 eP Pn, YOJ, Yongguni jima, 1.19 87 eP Pn, YOJ, Yongguni jima, 1.19 87 eS Pn

Table with columns: ALS, Alishan, baz=222, 1.22 223 P, Pn, 14 12 12.8 +1.3, etc.

14 12 26.8±0.8, 24.87N±123.32E, h0km, mb3.8/10, mb1 3.8/7, mb1mx3.7/39, mbtmp3.8/10, ML1.8/1, MS3.4/18, Ms1 3.4/18, ms1mx3.2/52, Error ellipse: s-maj=32.7km s-min=15.3km az=64.0

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

Table with columns: ZALV, Zalesovo Beam, 40.81 326 P, P, 14 20 09.5 -0.1, etc.

IDC 15 14:26:13.9-3.2, 123.36N±141.58E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/52, mbtmp3.6/4, MS2.8/2, Ms1 2.8/2, ms1mx1.9/38, Error ellipse: s-maj=104.3km s-min=26.1km az=75.0, South of Mariana Islands

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

IDC 15 14:30:07.3±1.4, 38.13N±21.98E, h0km, mb3.7/6, mb1 3.8/7, mb1mx3.5/49, mbtmp3.8/7, ML3.9/1, MS2.7/1, Ms1 2.7/1, ms1mx1.9/51, Error ellipse: s-maj=46.8km s-min=24.8km az=141.0

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

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

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

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

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

Table with columns: LTK, LTK, comp=N, 1611µm, 0.3s, S, AML, Sn, 14 30 39.7 -1.4, etc.

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

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

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

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

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

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OGRR	comp=E,197nm,1.6s	Smax			15 41 00.6
OGRR	Ongureny	4.25 252	ePn	Pn	15 39 46.7 +2.1
OGRR			e		15 39 57.7
OGRR			e		15 40 52.4
OGRR	comp=Z,61nm,1.4s		pmax	pmax	
OGRR			smax	smax	
YKLR	comp=N,197nm,1.8s				
YKLR	Yuktali	4.34 68	ePn	Pn	15 39 45.9 0.0
YKLR			e		15 39 50.3
YKLR			e		15 39 59.3
YKLR			eSg	Sb	15 40 53.5 +4.9
YKLR			e		15 40 56.4
VTMR	Vitim	4.42 348	ePn	Pn	15 39 48.0 +1.1
VTMR			ePb	Pb	15 39 59.2 +1.7
VTMR			e		15 40 36.5
VTMR			eSg	Sb	15 40 53.2 +2.4
KELR	Kotokel	4.43 240	ePn	Pn	15 39 48.3 +1.2
KELR			ePb	Pb	15 40 00.2 +2.5
KELR			e		15 40 47.1
UUDB	Ulan-Yde	5.19 233	ePn	Pn	15 40 59.0 -2.9
UUDB			e		15 40 07.9
UUDB	comp=N,47nm,0.7s		e	max	15 40 19.0
UUDB			eSg	Sg	15 41 21.3 -5.0
UUDB			eSmax		15 41 35.7
TRG	comp=N,219nm,1.4s				
TRG	Tyrgan	5.32 247	ePn	Pn	15 40 00.3 +0.9
TRG			e	max	15 40 07.8
TRG			e	max	15 40 16.7
TRG	comp=N,11nm,1.3s				
TRG			eSg	Sg	15 41 26.5 -3.9
TRG			eSmax		15 41 45.0
TRG	comp=N,86nm,0.9s				
TRG	Tyrgan	5.32 247	ePn	Pn	15 40 00.2 +0.9
TRG			eS	Sn	15 40 16.1
TRG			eS	Sn	15 41 01.3 +0.7
TRG			e		15 41 26.4
TRG	comp=Z,10.0nm,0.4s				
TRG			pmax	pmax	
TRG			smax	smax	
KAB	comp=E,86nm,0.8s				
KAB	Kabansk	5.55 239	eSg	Sg	15 41 34.2 -3.8
KAB			e	max	15 41 45.5
KAB			e	max	15 41 46.9
KPC	comp=E,527nm,1.2s				
KPC	Khapcheranga	5.59 194	ePn	Pn	15 40 03.1 0.0
KPC			ePb	Pb	15 40 23.4 -3.5
KPC			ePmax		15 40 35.0
KPC	comp=E,10.0nm,0.3s				
KPC			eSn	Sn	15 41 08.5 +1.2
KPC			eSg	Sg	15 41 36.8 -2.4
KPC			eSmax		15 41 42.7
KPC	comp=E,202nm,0.9s				
KPC	Khapcheranga	5.59 194	ePn	Pn	15 40 03.2 +0.1
KPC			eS	Sn	15 40 20.9
KPC			eS	Sn	15 41 08.6 +1.2
KPC			e		15 41 35.3
KPC	comp=Z,10.0nm,0.2s				
KPC			pmax	pmax	
KPC			smax	smax	
HRMR	comp=E,202nm,1.1s				
HRMR	Khuramsha	5.67 235	ePn	Pn	15 40 05.5 +1.3
HRMR			e		15 40 09.8
HRMR			ePb	Pb	15 40 22.6 +3.7
HRMR			ePmax		15 40 25.8
HRMR	comp=E,53nm,0.4s				
HRMR			e		15 41 26.4
HRMR			eSg	Sg	15 41 37.5 -4.4
HRMR			eSmax		15 41 41.7
CLNS	Chul'man	6.13 70	ePn	Pn	15 40 11.3 +0.8
CLNS			ePb	Pb	15 40 30.2 +3.4
CLNS			eSg	Sg	15 41 31.5
CLNS			eSg	Sg	15 41 49.4 -7.2
CLNS			eSg	Sg	15 41 53.8 -4.4
BGT	Bolsheye Golou	6.18 244	eSg	Sg	15 42 08.1
BGT			e	max	15 42 12.6
BGT			e	max	15 42 12.6
LSTR	comp=E,75nm,1.0s				
LSTR	Listvyanka	6.58 244	eSg	Sg	15 41 49.1
LSTR			eSg	Sg	15 42 04.3 -6.6
LSTR			eSmax		15 42 14.7
IRK	comp=N,156nm,0.4s				
IRK	Irkutsk	6.67 248	ePn	Pn	15 40 41.4 -6.2
IRK			ePb	Pb	15 42 09.3
IRK	comp=Z,49nm,0.1s				
IRK			pmax	pmax	
IRK			smax	smax	
HIA	comp=N,156nm,0.4s				
HIA	Hailar	6.74 149	eSg	Pn	15 40 20.0 +1.1
HIA			eSg	Pn	15 42 08.5 -7.7
HIA			e		15 42 14.7
HIA	Hailar	6.74 149	ePn	Pn	15 40 20.0 +1.1
HIA	Ivanovka	6.83 245	ePn	Pn	15 40 45.0 +6.4
HIA			eSg	Pb	15 42 14.4 -4.6
HIA			eSmax		15 42 36.2
TLY	comp=N,58nm,1.1s				
TLY	Talaya	7.30 246	e	Pg	15 40 54.6 -4.9
TLY			e	max	15 41 02.7
TLY	comp=N,5.0nm,0.7s				
TLY			eSg	Sg	15 42 26.4 -7.6
TLY			e		15 42 32.6
TLY			e		15 42 34.4
ZEA	comp=N,44nm,1.1s				
ZEA	Zeya	7.63 95	ePn	Pn	15 40 37.8 +6.7
ZEA			e		15 42 39.8
ZEA	comp=Z,12nm,0.5s				
ZEA			pmax	pmax	
ZEA	comp=Z,13nm,0.2s				
ZEA			smax	smax	
ZEA	comp=E,200nm,1.0s				
ZEA			smax	smax	
ZEA	comp=N,110nm,1.0s				
ZEA			smax	smax	
ZEA	comp=E,150nm,0.9s				
ZEA			smax	smax	
ZAK	Zakamensk	8.25 239	ePn	Pb	15 41 03.3 +0.4
ZAK			e	max	15 41 16.4
ZAK			eSg	Sg	15 42 58.4 -6.1
ZAK			eSmax		15 43 43.1
ZAK	comp=E,37nm,1.1s				
ZAK	Zakamensk	8.25 239	ePn	Pb	15 41 08.4 +5.5
ZAK			ePmax	pmax	
ULN	comp=Z,3.0nm,0.4s				
ULN	Ulaanbaatar	8.60 215	e	Pg	15 41 21.5 -3.0
ULN			e		15 42 38.8
ULN			eSg	Sg	15 43 10.5 -5.3
ULN			e		15 43 13.3
ULN			e		15 45 00.0 +2.1
SONM	Songino Array	8.85 217	ePn	Pn	15 40 50.0 +2.1
SONM	comp=Z,0.4nm,0.3s,baz=25,slow=12,SNR=8.1		Lg	Lg	15 43 16.1
ORL	comp=Z,1.5nm,0.3s,baz=20,slow=31,SNR=6.1				
ORL	Orlik	9.01 259	ePn	Pn	15 40 51.0 +1.0
ORL			e		15 40 55.8
ORL			e		15 41 02.9
ORL			e		15 41 05.9
ORL			e	max	15 41 06.4
ORL	comp=Z,11nm,1.0s				
ORL			e		15 42 16.2
ORL			e		15 42 51.0
ORL			eSg	Sn	15 43 18.6 +4.7
ORL			eSmax		15 43 36.8
YAK	comp=Z,50nm,1.2s				
YAK	Yakutsk	10.53 43	Lg	Lg	15 43 59.1
YAK	comp=Z,0.1nm,0.3s,baz=207,slow=21,SNR=7.2				
TDJR	Todsha	11.16 263	eSg	Sg	15 44 26.7
TDJR			e		15 44 31.9
KLR	Kul'dur	12.18 112	ePn	Pn	15 41 31.0 -2.3
KLR	comp=Z,0.2nm,0.3s,baz=302,slow=13,SNR=2.7		Lg	Lg	15 44 55.1
KLR	Kul'dur	12.18 112	ePn	Pn	15 41 38.0 +4.8
KLR	comp=Z,0.2nm,0.3s,baz=334,slow=24,SNR=2.2				
KLR			pmax	pmax	
KLR	comp=Z,2.0nm,0.7s		MLR	MLR	
KLR	comp=Z,170nm,12.0s				
ARDR	Aradan	12.63 267	e	Sg	15 45 06.1
ARDR			e		15 45 12.8
USRK	Ussuriysk Ar.	15.76 127	Lg	Lg	15 46 54.4
USRK	comp=Z,0.2nm,0.3s,baz=20,SNR=5.0				
MKAR	Makanchi Array	21.71 261	P	P	15 43 32.2 +1.3
MKAR	comp=Z,0.3nm,0.6s,baz=72,slow=9.4,SNR=2.6				

KURK	Kurchatov	21.85 273	P	P	15 43 33.4 +1.1
KURKB	Kurchatov Arra	21.94 273	P	P	15 43 33.4 +0.2
BVAR	Borovoye Arra	25.58 284	P	P	15 44 10.5 +1.7
BVAR	comp=Z,0.6nm,0.6s,baz=58,slow=12,SNR=4.7				
BRVK	Borovoye	25.62 284	P	P	15 44 11.5 +2.3
BRVK	comp=Z,4.0nm,0.7s				
AAK	Ala-Archa	28.64 261	LR	LR	15 56 35.9
AAK	comp=Z,126nm,20.3s,baz=58,slow=37				
ILAR	Eielsen Array	45.37 37	P	P	15 46 56.3 -1.6
ILAR	comp=Z,0.3nm,0.8s,baz=313,slow=9.6,SNR=2.5				
WRA	Warramunga Arr	76.70 161	P	P	15 50 30.7 -0.2
WRA	comp=Z,0.5nm,0.6s,baz=352,slow=6.7,SNR=5.8				
WRA	Warramunga Arr	76.70 161	P	P	15 50 35.0 +4.0
WRA	comp=Z,1.0nm,0.7s				
ASAR	Alice Springs	80.25 162	P	P	15 50 50.9 +0.3
ASAR	comp=Z,0.2nm,0.4s,baz=353,slow=5.5,SNR=4.5				
IDC 15 15:40:43.0:456.0,54:23N-42:49E,h0km,Error ellipse: s-maj=171.9km s-min=105.4km az=129.0,Baltic States-Belarus-Northwestern Russia					
Code	Station Name	Δ° AZ'	Phase ID	ISC	Time Res h m s ISC
I43RU	DUBNA INFRASON	3.91 312	i	Op	16 05 50.0
I43RU	baz=124,slow=259,SNR=6.5				
I31KZ	AKTYUBINSK INF	10.25 106	i	Op	16 47 30.0
I31KZ	baz=295,slow=322,SNR=1.0				
I37NO	I37NO	16.50 333	i	Op	17 34 40.0
I37NO	baz=137,slow=315,SNR=1.1				
I26DE	FREYUNG INFRAS15	30 265	i	Op	17 30 30.0
I26DE	baz=63,slow=320,SNR=0.9				
IDC 15 15:42:07.4:511.0,52:31N-37:17E,h0km,Error ellipse: s-maj=189.2km s-min=106.6km az=1.0,Baltic States-Belarus-Northwestern Russia					
Code	Station Name	Δ° AZ'	Phase ID	ISC	Time Res h m s ISC
I43RU	DUBNA INFRASON	4.12 0	i	Op	16 09 00.0
I43RU	baz=179,slow=258,SNR=4.5				
I31KZ	AKTYUBINSK INF	13.18 91	i	Op	17 05 50.0
I31KZ	baz=290,slow=322,SNR=0.6				
I26DE	FREYUNG INFRAS15	30 265	i	Op	17 13 40.0
I26DE	baz=68,slow=317,SNR=1.7				
MAN 15 15:50:31.9,11:19N-124:49E,h1km,mb3.6,ML2.3,MS1.8, Leyte					
IDC 15 15:55:31.0:1.2,4:50S-151:47E,h0km,mb3.4/3, mb1 3.6/3,mb1mx3.2/35,mbtmp3.4/3,Error ellipse: s-maj=41.8km s-min=9.0km az=157.0,New Britain region					
Code	Station Name	Δ° AZ'	Phase ID	ISC	Time Res h m s ISC
KRVT	Keravat (AS076)	0.59 71	Op	Pg	15 55 42.4 0.0
KRVT	baz=209,slow=1.6				
KRVT	1µm,0.3s,baz=93,slow=23,SNR=19		Lg	Lg	15 55 50.7
KRVT	comp=Z,719nm,19.3s,baz=169,slow=68		LR	LR	15 56 11.1
WRA	Warramunga Arr	22.67 226	P	P	15 50 33.9 -0.3
WRA	0.4nm,0.6s,baz=49,slow=9.6,SNR=7.5				
ASAR	Alice Springs	25.50 220	P	P	16 01 01.1 -0.2
ASAR	1.0nm,0.6s,baz=58,slow=8.2,SNR=1.0				
PETK	Petropavlovsk-	57.64 4	P	P	16 05 22.5 -0.4
PETK	0.3nm,0.6s,baz=168,slow=8.3,SNR=1.7				
TORD	Tord Ar. Bea	148.95 288	PKPbc	PKPbc	16 15 22.5 +0.4
TORD	0.3nm,0.6s,baz=48,slow=2.7,SNR=2.3				
MOS 15 16:00:24.7:0.8,46:00N-149:75E,h152km,mb4.0/4,Error ellipse: s-maj=14.1km s-min=7.3km az=48.9					
SKHL 15 16:00:24.3:0.4,46:10N-149:70E,h137km,10km,mb4.3/7, msh4.2/2,msh5.0/4					
NEIC 15 16:00:25.8:2.2,46:17N-149:08E,h158km,7km, mb4.3/22,Error ellipse: s-maj=16.4km s-min=2.5km az=137.0					
IDC 15 16:00:27.0:2.2,46:23N-149:65E,h166km,21km, mb3.3/1,mb1 3.5/7,mb1mx3.3/4,mbtmp3.8/17,MS3.6/2, Ms1 3.6/2,ms1mx2.6/29,Error ellipse: s-maj=20.4km s-min=1.5km az=135.0					
JMA 15 16:00:28.0:0.5,45:37N-149:73E,h170km,M3.4 ISC 15 16:00:23.9:0.5,45:85N-149:77E,0.06,h152km, n122,az=47/136,mb4.0/22,6C-3D,Kuril Islands					
Code	Station Name	Δ° AZ'	Phase ID	ISC	Time Res h m s ISC
KUR	Kuril'sk	1.47 246	i	Pn	16 00 55.2 +1.9
KUR	76nm,0.5s		AMB	AMB	16 00 59.0
KUR			iS	Sn	16 01 18.3 +2.6
KUR			A	A	16 01 20.0
KUR	273nm,2.0s		A	A	16 01 20.0
KUR	141nm,2.0s		A	A	16 01 23.0
KUR	183nm,0.3s		A	A	16 01 23.4
KUR	65nm,0.3s		A	A	16 01 23.0
KUR	Kuril'sk	1.47 246	i	Pn	16 00 55.2 +1.9
KUR			iS	Sn	16 01 18.3 +2.6
KUR	comp=Z,76nm,0.5s		pmax	pmax	
KUR	comp=N,42nm,0.3s		pmax	pmax	

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WRKA Warakurna, CAN Canberra, CAN Canberra, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like QZH comp=Z,51nm,0.8s, QZH comp=Z,380nm,6.9s, QZH comp=Z,2um,17.5s, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like YSS e'SP, YSS e'S, YSS e'PS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SEM, KSH, WRH, MDOK, TNS, AAA, CCB, CHKK, COLA, GLB, HDA, VDI, POK, IL31, ILAR, ILAR, COLD, KUU, KUU, BALM, YAH, KURK, KURB, NIL, TKM2, A21K, MENT, BARN, TABL, DTGM, CTGM, TOLK, AAK, AAK, BCAR, EGAK, SIT, HYT, DAWY, NRIK, NRIK, BESE, JIS, BTK, BTK, BTK, DZA, DZA, MAW, MAW, MAW, MAW, GSA, GSA, GSA.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WRAK, KK31, KK31, KKAR, KKAR, EPYK, EPYK, CHM, CHM, CHM, CHM, BBB, DLBC, BVAO, BVAO, BRVK, BRVK, BRVK, BRVK, INK, INK, INK, INK, JCC, KCPM, KHMM, J01E, K02D, GDXM, I03D, F03A, M02C, COR, G02D, G03D, YBH, YBH, WDC, H04D, D03D, L04D, I04A, O03E, E04D, J04D, M04C, ORV, K04D, AFDM, B05A, J05D, I05D, PAGB, CMB, PINE, MOD, MOD, VCNR, WAKR, FAHR, FAHR, I07A, OSI, ISA, ISA, RYN, PASC, WWOR, WWOR, WWOR, WWOR, NVAR, NVAR, NVAR, CWC, NV11, NV11, J08A, BFSC, LRM.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MPMC, CCX, SYO, BMO, BMO, BMO, BMO, CBX, GSC, FURC, SVE, SVE, F10A, PFO, MONP, TPFO, NEW, NEW, NEW, NEW, AB31, ABKAR, HEC, IKP, TPNV, TPNV, ESJX, BELC, TUQ, SWSC, GMRC, SPX, MFID, BC3, R11A, R11A, CPBX, ARU, ARU, ARU, ARU, ARU, GEYT, GEYT, SHPR, ELK, ELK, YKA, YKA, Y12C, HLID, HLID, PDMCI, WALA, WALA, WALA, MSO, W13A, PSUT, DUG, 214A, U15A, BOZ, HWUT, WUAZ, WUAZ, AHID, FXWY, TPWA, REDW, SNOW, H17A, HSIG, EGMT, BW06, BW06, PD31, PDAR, PDAR, PDAR, RLMT.

W18A	Petrified Fore	99.61	55	P	Pdif	16 52 45.6	-1.1
KIRV	Kirov	99.81	329f	eP	Pdif	16 52 47.5	+0.8
PV05	Paradox Valley	100.01	52	IAMS_20	IAMS_20	17 34 53.8	
319A	Douglas	100.09	59	IAMS_20	IAMS_20	17 30 41.6	
ALE	Alert	100.40	4	IAMS_20	IAMS_20	17 34 11.1	
MVCO	Mesa Verde	100.53	53	IAMS_20	IAMS_20	17 34 15.9	
O20A	White River Ci	100.57	50	P	Pdif	16 52 50.7	-0.2
O20A	White River Ci	100.57	50	IAMS_20	IAMS_20	17 42 54.8	
PRGR	Pernogore	101.14	332	iP	Pdif	16 52 51.0	-1.6
PRGR	Pernogore	101.14	332	pmax	pmax		
RWWY	Rawlins	101.25	48	IAMS_20	IAMS_20	17 36 06.4	
LAO	LASA Array	101.49	43	IAMS_20	IAMS_20	17 42 38.5	
S22A	JUR Ranch, Ore	101.83	52	IAMS_20	IAMS_20	17 35 04.1	
N23A	Red Feather La	102.26	49	IAMS_20	IAMS_20	17 36 22.4	
ANMO	Albuquerque	102.31	55	IAMS_20	IAMS_20	17 31 21.0	
SNA	Sanae	102.45	188	Pdif	Pdif	16 53 02.7	+4.3
SNA	Sanae	102.45	188f	eP	Pdif	16 53 02.5	+4.1
PHWY	Pilot Hill	102.59	49	IAMS_20	IAMS_20	17 37 55.0	
ISCO	Idaho Springs	102.61	50	IAMS_20	IAMS_20	17 45 11.7	
SDCO	Great Sand Dun	102.88	52	IAMS_20	IAMS_20	17 34 04.9	
FFC	Flin Flon	102.95	35	IAMS_20	IAMS_20	17 42 04.3	
MAK	Makhackkala	103.02	313	eP	Pdif	16 52 56.0	-5.4
MAK	Makhackkala	103.02	313	pmax	pmax	16 57 14.7	
Q24A	Divide	103.05	51	IAMS_20	IAMS_20	17 36 28.3	
RSSD	Black Hills	103.32	46	IAMS_20	IAMS_20	17 39 23.1	
T25A	Trinidad	103.79	53	IAMS_20	IAMS_20	17 38 01.2	
KLMR	Klimovskoe	104.20	332	eP	Pdif	16 53 03.7	-2.5
KLMR	Klimovskoe	104.20	332	pmax	pmax		
KLMR	Klimovskoe	104.20	332	eP	Pdif	16 53 03.7	-2.5
KLMR	Klimovskoe	104.20	332	AMP	AMP	16 53 11.8	
KLMR	Klimovskoe	104.20	332	LO	LO	17 28 56.3	
KLMR	Klimovskoe	104.20	332	LR	LR	17 28 56.3	
KLMR	Klimovskoe	104.20	332	LO	LO	17 42 17.0	
APA	Apatity	104.28	340	iP	Pdif	16 53 07.7	+1.2
APA	Apatity	104.28	340	pmax	pmax		
APA	Apatity	104.28	340	MLR	MLR		
TULEG	Thule	104.40	9	IAMS_20	IAMS_20	17 40 05.8	
KSCO	Kaye Shedlock	105.00	51	IAMS_20	IAMS_20	17 36 57.0	
TXAR	Lajitas Array	105.02	61	PKIKP	PKIKP	16 57 24.3	-1.3
E28A	Huff	105.28	43	IAMS_20	IAMS_20	17 46 35.7	
KEV	Kevo	105.31	343	IAMS_20	IAMS_20	17 41 56.8	
MDND	Maddock	105.77	41	IAMS_20	IAMS_20	17 43 46.5	
FCC	Fort Churchill	106.09	30	IAMS_20	IAMS_20	17 35 52.8	
MOS	Moscov	106.70	327	eP	Pdif	16 53 18.4	+0.9
CBK3	Cedar Bluff	107.26	51	IAMS_20	IAMS_20	17 36 58.7	
K31A	O'Neill	107.36	47	IAMS_20	IAMS_20	17 33 42.0	
OBN	Obninsk	107.47	327	IAMS_20	IAMS_20	17 42 13.4	
ULM	Lac du Bonnet	107.61	38	IAMS_20	IAMS_20	17 38 00.8	
D32A	Dogwood Acres	107.64	42	IAMS_20	IAMS_20	17 43 36.2	
BGNE	Belgrade	108.02	48	IAMS_20	IAMS_20	17 50 17.7	
R32A	Long Quarter,	108.11	51	IAMS_20	IAMS_20	17 37 14.3	
AGMN	Agassiz Nation	108.11	40	IAMS_20	IAMS_20	17 52 53.4	
ABTX	Abilene, Hawle	108.17	57	IAMS_20	IAMS_20	17 35 20.4	
U32A	Winter Ranch	108.19	53	IAMS_20	IAMS_20	17 34 46.8	
F33A	5 Mile Ranch,	108.42	43	IAMS_20	IAMS_20	17 42 35.8	
WMOK	Wichita Mounta	108.61	55	IAMS_20	IAMS_20	17 38 44.8	
N33A	J Bar K, Exete	108.67	48	IAMS_20	IAMS_20	17 45 39.8	
L34A	Svendsen Farm,	109.22	47	IAMS_20	IAMS_20	17 40 06.2	
B35A	Bob, Littlefor	109.47	40	IAMS_20	IAMS_20	17 37 34.3	
OK029	Liberty Lake	109.52	54	IAMS_20	IAMS_20	17 35 55.9	
KSU1	Kansas State U	109.61	50	IAMS_20	IAMS_20	17 43 08.9	
OK025	Westminster Rd	109.65	54	IAMS_20	IAMS_20	17 38 09.4	
Z35A	Perchaven, San	110.06	56	IAMS_20	IAMS_20	17 36 23.5	
WHTX	Lake Whitney,	110.08	58	IAMS_20	IAMS_20	17 36 39.2	
T35A	Sooner Cattle	110.08	52	IAMS_20	IAMS_20	17 37 55.7	
435B	Jarrell	110.19	53	IAMS_20	IAMS_20	17 37 19.6	
735A	Kenedy	110.17	61	IAMS_20	IAMS_20	17 37 14.8	
KVXT	Kingsville	110.24	62	IAMS_20	IAMS_20	17 44 59.7	
F36A	Milaca	110.29	42	IAMS_20	IAMS_20	17 43 27.2	
I37A	Lemond, Waseca	110.86	44	IAMS_20	IAMS_20	17 40 38.5	
SPMN	Marine on St.	110.95	43	IAMS_20	IAMS_20	17 46 27.7	
EYMN	Ely	111.02	40	IAMS_20	IAMS_20	17 38 20.3	
237A	Washetta, Mont	111.47	57	IAMS_20	IAMS_20	17 37 09.8	
SCIA	State Center	111.53	46	IAMS_20	IAMS_20	17 37 57.3	
K38A	Parkersburg	111.66	46	IAMS_20	IAMS_20	17 38 02.7	
N38A	Joese South For	111.78	48	IAMS_20	IAMS_20	17 36 22.2	
U38A	Gravette	111.85	52	IAMS_20	IAMS_20	17 38 47.1	
Z38A	Mt. Pleasant	111.95	56	IAMS_20	IAMS_20	17 38 13.4	
HHAR	Hobbs	112.24	53	IAMS_20	IAMS_20	17 37 47.7	
W39A	Magazine	112.58	54	IAMS_20	IAMS_20	17 37 30.7	
G40A	Rib Lake	112.70	42	IAMS_20	IAMS_20	17 52 44.1	
U40A	Norwalk	112.83	44	IAMS_20	IAMS_20	17 41 59.4	
U40A	Yeliville	113.08	52	IAMS_20	IAMS_20	17 38 11.0	
R40A	Maddies Statio	113.10	50	IAMS_20	IAMS_20	17 44 30.3	
COWI	Conover	113.14	41	IAMS_20	IAMS_20	17 39 39.4	
D41A	Chassel	113.19	40	IAMS_20	IAMS_20	17 40 28.6	
AKB6	Malin Array Si	113.20	324	IAMS_20	IAMS_20	17 45 03.1	

MGMO	Mountain Grove	113.36	51	IAMS_20	IAMS_20	17 40 08.4	
JFWS	Jewell Farm	113.37	45	IAMS_20	IAMS_20	17 44 15.9	
N41A	Harden Midland	113.55	47	IAMS_20	IAMS_20	17 56 39.0	
Z41A	Richland Creek	113.75	56	IAMS_20	IAMS_20	17 41 37.0	
WHAR	Woolly Hollow	113.75	53	IAMS_20	IAMS_20	17 42 07.0	
441A	DeRidder	113.88	58	IAMS_20	IAMS_20	17 44 22.7	
CCM	Cathedral Geyse	113.94	50	IAMS_20	IAMS_20	17 46 40.1	
I42A	Draeger Farm,	114.00	43	IAMS_20	IAMS_20	17 43 55.4	
L42A	Oliver, Polo	114.05	46	IAMS_20	IAMS_20	17 39 34.9	
T42A	Van Buren	114.31	51	IAMS_20	IAMS_20	17 41 45.4	
E43A	Lone Tree Farm	114.44	40	IAMS_20	IAMS_20	17 42 53.7	
CCAR	Cane Creek	114.56	55	IAMS_20	IAMS_20	17 46 39.8	
H43A	Windswept, Lux	114.59	43	IAMS_20	IAMS_20	17 50 15.9	
HDIL	Hopedale	114.73	47	IAMS_20	IAMS_20	17 46 00.3	
P43A	Skaggs, Pawnee	114.83	48	IAMS_20	IAMS_20	17 49 26.2	
PBMO	Poplar Bluff	114.88	51	IAMS_20	IAMS_20	17 43 09.6	
I43A	Socs Landing,	115.01	56	IAMS_20	IAMS_20	17 40 30.5	
SUW	Suwalki	115.01	329	IAMS_20	IAMS_20	17 47 06.8	
LPAR	Lepanto	115.27	53	IAMS_20	IAMS_20	17 46 00.9	
HQIL	Hanson Quary C	115.40	45	IAMS_20	IAMS_20	17 46 55.7	
GNAR	Gosnell	115.40	52	IAMS_20	IAMS_20	17 39 30.5	
Q44A	Meyer Farm, Va	115.41	49	IAMS_20	IAMS_20	17 49 16.2	
O44A	Mansfield	115.46	47	IAMS_20	IAMS_20	17 41 59.4	
MDUB	Mudurnu	115.46	313	IAMS_20	IAMS_20	17 55 00.8	
S44A	Carbondale	115.56	50	IAMS_20	IAMS_20	17 47 22.3	
LNXT	Lenox	115.78	52	IAMS_20	IAMS_20	17 40 26.5	
HALT	Halls	115.95	52	IAMS_20	IAMS_20	17 46 11.9	
OLIL	Olney	116.14	49	IAMS_20	IAMS_20	17 42 42.2	
T45A	Paduch	116.20	51	IAMS_20	IAMS_20	17 45 28.5	
SFIN	Lafayette	116.39	47	IAMS_20	IAMS_20	17 46 06.0	
L46A	Eue Claire	116.43	45	IAMS_20	IAMS_20	17 46 44.9	
P46A	Rosedale	116.54	48	IAMS_20	IAMS_20	17 44 08.2	
346A	Big Creek Wild	116.89	57	IAMS_20	IAMS_20	17 46 12.5	
I46A	Union	116.96	55	IAMS_20	IAMS_20	17 41 02.0	
J47A	Summer	117.02	43	IAMS_20	IAMS_20	17 51 02.3	
WVT	Wavertree	117.07	51	IAMS_20	IAMS_20	17 41 27.7	
MLR	Muntele Rosu	117.30	320	IAMS_20	IAMS_20	17 49 44.0	
KONO	Kongsberg	117.42	339	IAMS_20	IAMS_20	17 48 12.0	
KWP	Kalwaria Pacia	117.43	325	IAMS_20	IAMS_20	17 47 37.0	
Z47A	Carrollton	117.63	55	IAMS_20	IAMS_20	17 41 38.8	
L48A	N Adams	117.75	44	IAMS_20	IAMS_20	17 48 28.9	
P48A	Milroy	117.90	47	IAMS_20	IAMS_20	17 45 39.0	
V48A	Smith Brothers	117.97	52	IAMS_20	IAMS_20	17 42 57.3	
MANT	Manisa	118.01	312	IAMS_20	IAMS_20	17 55 34.5	
PAYG	Puerto Ayora	118.14	93	IAMS_20	IAMS_20	17 37 46.1	
UZH	Uzhgorod	118.15	324	ePKIKP	PKIKP	16 57 51.4	+1.6
AAM	Ann Arbor	118.16	44	IAMS_20	IAMS_20	17 48 45.6	
N49A	Columbus Grove	118.30	45	IAMS_20	IAMS_20	17 48 36.3	
P49A	Miami Univ, Ec	118.39	47	IAMS_20	IAMS_20	17 48 44.1	
O49A	Covington	118.44	46	IAMS_20	IAMS_20	17 45 55.4	
LRAL	Lakeview Retre	118.55	55	IAMS_20	IAMS_20	17 42 07.0	
U49A	Red Boiling Sp	118.55	50	IAMS_20	IAMS_20	17 46 23.7	
K50A	Casco	118.69	43	IAMS_20	IAMS_20	17 47 44.4	
M50A	Fremont	118.92	44	IAMS_20	IAMS_20	17 56 52.8	
LL01	San Ignacio de	118.97	144	IAMS_20	IAMS_20	17 39 52.0	
T50A	Nancy	119.12	50	IAMS_20	IAMS_20	17 46 56.6	
FPAL	Fort Payne	119.26	53	IAMS_20	IAMS_20	17 41 27.6	
ACSO	Alum Creek Sta	119.40	46	IAMS_20	IAMS_20	17 49 52.5	
250A	Grady	119.41	56	IAMS_20	IAMS_20	17 43 27.9	
RGN	Rugen	119.43	333	IAMS_20	IAMS_20	17 52 17.4	
VLDQ	Val d'Or	119.55	35	IAMS_20	IAMS_20	17 43 37.8	
N51A	Ashland	119.57	45	IAMS_20	IAMS_20	17 49 00.0	
P51A	Williamsport	119.61	46	IAMS_20	IAMS_20	17 44 30.0	
TEIG	Tepechic	119.62	69	IAMS_20	IAMS_20	17 42 04.0	
S51A	Beattyville	119.86	49	IAMS_20	IAMS_20	17 43 04.0	
PSZ	Piszkesteto	119.90	324	IAMS_20	IAMS_20	17 49 28.3	
D53A	Lac Vaciue, Po	119.92	37	IAMS_20	IAMS_20	17 47 03.4	
M52A	Chesterland	120.04	44	IAMS_20	IAMS_20	17 47 25.2	
SADQ	Sadowa	120.13	40	IAMS_20	IAMS_20	17 42 35.2	
MORC	Moravsky Berou	120.22	327	ePKIP	PKIKP	16 57 56.8	+2.9
MORC	Moravsky Berou	120.22	327	IAMS_20	IAMS_20	17 49 38.7	
P52A	Corning	120.22	46	IAMS_20	IAMS_20	17 58 01.5	
TZTN	Tazewell	120.25	50	IAMS_20	IAMS_20	17 47 38.6	
O52A	Adamsville	120.25	45	IAMS_20	IAMS_20	17 51 04.2	
KRLC	Krailky	120.46	328	AMS	AMS	17 50 00.0	
OSTC	Ostas	120.48	329	AMS	AMS	17 50 10.0	

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like WLF Waifardange, WVW Waterville, HRV Adam Dzewonski, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like COI Coimbra, PMRV Marv7.0, OBIP Obispo Ponce, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and various flags. Includes stations like NRK Norik's, BVAR Borovoye Array, NVAR Mina Array, etc.

Table with columns: HFS, Hagsfors, 7.68 208 Pn Pn, 17 04 19.9 -0.2, 17 04 19.7 -0.4, 17 05 44.0 -3.7, 17 04 19.9 -0.2

TEH 15 17:34:27.2, 38.42N, 44.76E, h6km, ML2.7
ISK 15 17:34:27.0, 38.43N, 44.80E, h5km, ML2.6/6
DDA 15 17:34:33.0, 38.33N, 44.67E, h23km, 6km, ML1.7

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

RSNC 15 17:44:33.2, 1.1, 3.85N, 71.36W, h1km, 6km, ML3.4, Mw3.6

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

IDC 15 17:57:42.5, 1.3, 19.18N, 121.40E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.4/5.1, mbtm3.3/5.6, MS3.3/1, Ms1 3.5/1, ms1mx2.8/3.8, Error ellipse: s-maj=54.1km s-min=19.4km az=62.0

MAN 15 17:57:47.6, 19.11N, 121.19E, h13km, mb4.9, ML3.9, MS3.9

ISC 15 17:57:48.5, 1.3, 19.22N, 121.4E, 0.3, h46km, n6, o578/6, mb3.4/6, Phillipine Islands Region

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

ZALV Zalesovo Beam 44.58 330 P P 18 05 56.4 +0.5

IDC 15 18:15:33.5, 0.8, 44.45S, 15.17W, h0km, mb4.1/1.2, mb1 4.1/1.2, mb1mx4.0/2.5, mbtmp4.1/1.2, MS4.3/1.6, Ms1 4.3/1.6, ms1mx4.1/3.5, Error ellipse: s-maj=23.8km

GCMT 15 18:15:33.5, 0.45, 175.0, 0.04, 15.14W, 0.03, h13km, 1km, MW4.9/9.8, Moment Tensor Solution, s23, c23, s98, c125, Duration: 0, Moment tensor: Scale 10^16Nm, Mm=2.88; 23; Mw=0.28; 14; Mw=2.59; 16; Mw=0.35; 56; Mw=0.55; 08; Mw=0.73; 36; Best double couple: M=2.90700x10^16 NP1, s=159.00000, s39.00000, s-104.00000. NP2: s=356.00000, s62.00000, s-79.00000. Principal axes: T 2.7850, Plg6.0000, Azm79.0000; N 0.2400, Plg9.0000, Azm170.0000; P -3.0300, Plg79.0000, Azm312.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

NEIC 15 18:15:33.5, 1.7, 44.75S, 0.1, 15.17W, 0.2, h15km, 4km, mb4.7/1.8, Error ellipse: s-maj=17.7km s-min=15.9km az=145.0

ISC 15 18:15:33.9, 0.5, 44.72S, 0.09, 15.14W, 0.09, h10km, n57, s149/41, mb4.2/1.8, MS4.4/1.6, 2C, Southern Mid-Atlantic Ridge

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

CPUP comp=Z, 2.6nm, 0.8s, baz=166, slow=4.8, SNR=4.4

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

CPUP comp=Z, 2.72nm, 18.7s, slow=35

CPUP comp=Z, 1.4nm, 1.6s

BDFB comp=Z, 4.96nm, 18.9s, baz=109, slow=32

PLCA comp=Z, 5.37nm, 20.2s, baz=92, slow=32

PLCA comp=Z, 3.1nm, 1.9s

RCFR comp=Z, 3.05nm, 19.1s, baz=124, slow=31

CFA comp=Z, 3.84nm, 21.5s, baz=90, slow=34

MATP comp=Z, 1.8nm, 0.8s, baz=217, slow=8, SNR=6.2

MAW comp=Z, 2.3nm, 0.8s, baz=206, slow=7, SNR=3.5

MAW comp=Z, 1.4nm, 1.4s

QSPA comp=Z, 2.0nm, 1.1s

SIV comp=Z, 0.7nm, 0.6s, baz=118, slow=9.6, SNR=4.5

PB01 comp=Z, 2.0nm, 1.1s

LPAZ comp=Z, 5.06nm, 18.1s, baz=66, slow=36

VNDA comp=Z, 1.7nm, 1.9s

MBO comp=Z, 0.8nm, 0.6s, baz=198, slow=3.3, SNR=6.1

TORD comp=Z, 2.62nm, 18.8s, baz=290, slow=30

TORD comp=Z, 2.75nm, 1.3s

KMBO comp=Z, 5.68nm, 18.1s, baz=272, slow=35

TAM comp=Z, 3.8nm, 1.1s

ROSC comp=Z, 3.26nm, 19.9s, baz=75, slow=34

H08S1 comp=Z, 2.26nm, 18.0s, baz=196, slow=35

H08S2 comp=Z, 2.22nm, 18.0s, baz=230, slow=34

H08S3 comp=Z, 1.49nm, 18.2s, baz=200, slow=35

TEIG comp=Z, 7.6nm, 18.2s, baz=50, slow=36

CMIG comp=Z, 6.1nm, 19.5s, baz=139, slow=35

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

DSN 15 18:27:08.0, 2.2, 26.84N, 58.78E, h10km, ML3.5/6, Error ellipse: s-maj=35.4km s-min=14.0km az=177.0

OMAN 15 18:27:09.7, 1.2, 26.70N, 58.81E, h20km, 48km, m3, 0.7, Error ellipse: s-maj=55.6km s-min=34.4km az=242.0

ISC 15 18:27:08.8, 3.6, 26.7N, 0.2, 58.8E, 0.1, h10km, n13, o564/21, Southern Iran

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

SKHL 15 18:36:51.7, 0.2, 47.00N, 152.00E, h131km, 11km, mb4.4/4, msha4, 7/3

JMA 15 18:36:55.0, 0.5, 46.20N, 152.11E, h192km, M3.6, ISC 15 18:36:47.3, 2.1, 46.31N, 0.2, 152.7E, 0.2, h150km, n26, o337/39, Kuril Islands

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

YUK comp=Z, 14nm, 0.4s

Table with columns: BO01, PB08, BO02, PB01, GB11, PS03, GO05, MNMC, PB12, TORO, ZALV, MKAR, MKAR. Includes station names, times, and phases.

IDC 15 19:45:19.7-1.1, 37.05N:142.69E, h0km, mb3.7/7, mb1 3.9/12, mb1mx3.6/52, mbtmp3.8/12, ML3.8/3, Error ellipse: s-maj=25.9km s-min=20.6km az=97.0

JMA 15 20:11:25.8-0.1, 38.68N:142.24E, h39km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale: 10^14Nm, Mw=2.9, Ms=1.58, Mww=2.7, Mw=2.0, Mw=1.60, Mw=1.66, Fault plane: strike-slip, 110.000000, 114.000000, 864.000000, 1.100000000, NP2: 206.000000, 828.000000, 1.71.000000

ISC 15 19:45:20.4-2.8, 37.07N:0.05:142.53E:0.06, h5km, 1.7km, n51, 1572/55, mb4.0/10, Off east coast of Honshu

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Kawauchi, Iwaki, Minamisoumatoc, etc.

NEIC 15 20:06:20.2-1.2, 30.53S:0.08:176.91W:0.09, h10km, mb3.2, mb4.3/4, Error ellipse: s-maj=14.8km s-min=12.2km

IDC 15 20:06:20.3-1.5, 30.51S:177.13W, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.7/41, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=40.4km s-min=29.2km az=137.0

ISC 15 20:06:25.1-2.1, 30.49S:0.08:177.3W:0.2, h33km, n21, 1518/23, mb4.1/5, Kermadec Islands

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like RAO, RAO, URZ, BKZ, THWZ, TUWZ, RPHZ, RAZ, RPZ, STKA, STKA, ASAR, ASAR.

Table with columns: ASAR, WR0, WB2, WBR2, WBO, WBU, SAUI, NVAI, FINES, AKASA. Includes station names, times, and phases.

JMA 15 20:11:25.8-0.1, 38.68N:142.24E, h39km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale: 10^14Nm, Mw=2.9, Ms=1.58, Mww=2.7, Mw=2.0, Mw=1.60, Mw=1.66, Fault plane: strike-slip, 110.000000, 114.000000, 864.000000, 1.100000000, NP2: 206.000000, 828.000000, 1.71.000000

IDC 15 20:11:27.2-1.8, 38.66N:142.18E, h53km, 22km, mb3.4/11, mb1 3.6/15, mb1mx3.4/56, mbtmp3.7/15, ML3.2/4, MS2.6/2, Ms1 2.6/2, ms1mx2.3/31, Error ellipse: s-maj=25.5km s-min=17.5km az=91.0

ISC 15 20:11:22.7-1.8, 38.66N:0.04:142.42E:0.07, h16km, 10km, n35, 1583/39, mb3.6/11, Near east coast of eastern Honshu

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Ofunato, Kesennumotoy, Ishinomakikobu, etc.

IDC 15 20:17:49.0-1.3, 28.94N:142.56E, h0km, mb3.5/4, mb1 3.7/6, mb1mx3.4/39, mbtmp3.5/6, ML3.1/2, MS2.7/2, Ms1 2.8/2, ms1mx2.2/38, Error ellipse: s-maj=51.1km s-min=19.1km az=84.0

ISC 15 20:17:53.1-1.2, 28.97N:0.07:142.3E:0.3, h27km, n9, 0599/10, mb3.5/4, Bonin Islands region

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Hachijo jima, Matushiro Arr, etc.

JMA 15 20:20:46.8-0.5, 44.58N:148.37E, h65km, M3.6, SKHL 15 20:20:46.1-0.2, 44.50N:148.60E, h52km, 1km, mb4.1/3, Error ellipse: s-maj=34.3km az=56.0, Easter Island region

ISC 15 20:43:0-3.5, 44.77N:0.2:148.4E:0.2, h16km, 22km, n15, 239/25, Kuril Islands

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Kuril'sk, Kuril'sk, Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, GRPR, GRPR, GRPR, GRPR, NEM2, NEM2, NMR, NMR, JRA, JKH, JKH, JNK, JAK, JAK, JAR, JAR, JKH, JKH, JNK, JAK, JAK, JAR, JAR, JOT, JOT, JANG, JANG. Includes station names, times, and phases.

IDC 15 20:27:49.2-1.0, 41.24N:112.91W, h0km, mb1 2.2/1, mb1mx2.2/41, mbtmp1.7/1, ML2.8/1, Error ellipse: s-maj=35.6km s-min=5.1km az=156.0

ISC 15 20:27:49.5-1.0, 41.06N:0.03:112.85W:0.03, h0km, n31, 0591/30, Utah

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Big Grassy Mou, South Promonto, Keskin Valley, etc.

IDC 15 20:28:55.7-1.9, 26.73S:114.78W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.7/26, mbtmp3.7/3, MS3.7/5, Ms1 3.6/5, mb1mx3.3/25, Error ellipse: s-maj=100.2km s-min=34.3km az=56.0, Easter Island region

ISC 15 20:28:55.7-1.9, 26.73S:114.78W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.7/26, mbtmp3.7/3, MS3.7/5, Ms1 3.6/5, mb1mx3.3/25, Error ellipse: s-maj=100.2km s-min=34.3km az=56.0, Easter Island region

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Juan Fernandez, Juan Fernandez, Juan Fernandez, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SJU Sorong, MKAR Makanchi Array, AKASO Malin Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TMUW Tungsten Hills, TAHR Tahoe, BHPR Bishop, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BVAR Borwome Array, FINES Finnes Array, etc.

NCEDC 15 21:09:34.91-9.36:98N.0:02:121.46W.0:04, h35km,5km, ML3.2/38, Error ellipse: s-maj=5.6km s-min=2.1km az=68.0

NCEDC 15 21:10:09:5.0.9.36:970N.0:005:121.460W.0:007, h4km,5km, ML3.3/7, Error ellipse: s-maj=1.0km s-min=0.3km az=132.0

IDC 15 21:54:09.9:3.6.6:53S:154.70E,h0km,mb3.5/3, mb1 3.7/3, mb1mx3.4/22, mbtmp3.5/3, Error ellipse: s-maj=129.9km s-min=39.7km az=118.0

NEIC 15 21:09:33.7:2.1.36:90N.0:04:121.65W.0:05, h13km,5km, Error ellipse: s-maj=7.2km s-min=1.8km az=45.0, Central California

NEIC 15 21:10:09:5.0.9.36:969N.0:005:121.458W.0:007, h8km,3km, Error ellipse: s-maj=1.1km s-min=0.2km az=140.0, Central California

IDC 15 22:13:15.5:0.9.52:95N:167:67W,h26km,mb5.4/46, MS4.2/13, Error ellipse: s-maj=8.2km s-min=4.7km az=101.1

Main station list table for Central California, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JELB Ellicott, HCAM Canada Road, SAO San Andreas Ge, etc.

Main station list table for Central California, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HCAM Canada Road, OCR O'Connell Ranc, GHS Gilroy Hot Spr, etc.

Main station list table for Central California, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Ar, ASAR Alice Springs, MKAR Makanchi Array, etc.

15d 22h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TOLK Toolik Lake Re, DAWY Dawson, SKAG Skagway, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like YAK Yakutsk, YAK Yak, YAK Yak, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TUQ Turquoise Moun, CCUT Cedar City, GMRC Granite Moun, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ANMO, KRSR, KSRK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like E47A, MCOY, D48A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ACSO, WVT, WWT, etc.

16d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like COLD Coldfoot, SEW Seward, TOLK Toolik Lake Re, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PDAR Pinedale Array, O03E Paynes Creek, AGMN Agassiz Nation, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BFO Black Forest, KHC Kasperke Hory, KHC Kasperke Hory, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like EGS Ym01, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Pengchaiyu, Yeheng, Sanguang, etc.

NEIC 16 00:28:52.2-1.5, 62.57N-0.05-127.7W-0.1, h1km, 4km, Error ellipse: s-maj=8.3km s-min=6.3km az=56.0

GCMT 16 00:28:54.5-0.4, 62.83N-0.02-127.35W-0.07, h32km, 1km, MW4, 8/68, Moment Tensor: S04,c15; s68,c89;

PGC 16 00:28:54.5-0.9, 62.60N-127.96W, h7km, ML5.0/8, Mw4.5, 279km Nne of Watson Lk., Yt Nw Territories - Nunavut,

ISC 16 00:28:53.8-0.3, 62.82N-0.03-127.76W-0.03, h10km, n245,c2619/268, mb4.5/50, MS3.8/29, Northwest Territories

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Whitehorse, Dease Lake, Skagway, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Chitina Glacie, High Level, Sitka, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like PDAR, Pinedale Array, Elko, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OBKA Obir, AKTO Aktyubinsk, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, EGS, NTC, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRIN San Cristobal, LCND La Caada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songio Array, SONM Songoing Array, SONM Makanchi Array, etc.

NEIC 16 02:24.28 1.4, 1.7, 9S:0.1, 1.78:5W:0.1, h58km, 7km, mb4.2/95, Error ellipse: s-maj=17.9km s-min=14.1km az=139.0

IDC 16 02:43:35.5 4.7, 17.9:1S:178.8:181W, h66km, 59km, mb3.5/14, mb1.3/9.15, mb1mx3.9/31, mbtmp4.5/15, Error ellipse: s-maj=25.8km s-min=16.6km az=102.0

ISC 16 02:24:27.9 0.4, 17.85S:0.08:178.52W:0.07, h579km, n134, e090/135, mb4.2/61, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamatu, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MORW Vanda, GIRL Taliwang, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC comp=Z,9.0nm,0.8s, HHC comp=Z,9.7nm,6.5s, YHL Helegon Lake, etc.

BGR 16 02:47:16.8 0.0, 20.27S:177.00W, h33km, NEIC 16 02:48:13.6 1.3, 19.45S:0.1:177.7W:0.1, h525km, mb4.3/78, Error ellipse: s-maj=18.9km s-min=15.3km az=127.0

IDC 16 02:48:16.8 2.3, 19.43S:177.74W, h552km, 25km, mb3.5/13, mb1.3/7.14, mb1mx3.8/23, mbtmp4.3/14, Error ellipse: s-maj=16.8km s-min=10.7km az=149.0

ISC 16 02:48:15.2 0.4, 19.36S:0.08:177.65W:0.08, h550km, n221, e154/229, mb4.3/50, 23C-9D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamatu, NIUE Niue, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AJN, LMD1, NGRK, SOHO, ALNE, GHIR, etc.

MAN 16 03:17:03.2, 5.84N, 126.18E, h18km, MS3.5, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP, DMATI, DMPH, KCP, SKMP, etc.

JMA 16 03:22:25.9, 0.1, 24.07N, 122.74E, h27km, 4km, M2.7

TAP 16 03:22:25.6, 24.05N, 122.74E, h21km, ML3.1, 1D

ISC 16 03:22:24.7, 1.1, 23.98N, 122.74E, 0.02, h15km, 8km, n75, c=67/132, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YOJ, YOY, IRIF, HATERUMA, ENA, TWC, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSB, NNSH, NNS, JJI, WHF, WHF, etc.

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

IDC 16 03:39:21.1, 0.8, 72.82N, 5.05E, h0km, mb3.4/9, mb1.3/7.15, mb1mx3.5/43, mbtmp3.5/15, ML3.2/6, MS3.0/11, Ms1.3/0.11, ms1mx2.7/3.8, Error ellipse: s-maj=21.6km s-min=12.9km az=59.0

NAO 16 03:39:21.1, 0.8, 72.82N, 5.05E, ML3.2, BER 16 03:39:26.1, 1.7, 72.94N, 5.74E, h10km, MS3.7, ML3.2(NAO), Confirmed Earthquake

ISC 16 03:39:22.7, 0.7, 72.90N, 0.06, 5.56E, 0.08, h11km, n62, c=1927/58, mb3.4/9, MS3.0/7, Norwegian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BJO1, BJO1, BJO1, HSPB, TRT, etc.

TRN 16 03:41:45.5, 13.52N, 60.90W, h114km, MD3.7, 2C-5D, Windward Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Belmont, Petit Monier, Saint Lucia, B, etc.

NEIC 16 03:56:40.3z, 1.7, 21.1S, 0.1x169.3E, 0.1, h16km, 6km, mb4.4/7, Error ellipse: s-maj=22.1km s-min=10.2km az=127.0

IDC 16 03:56:40.0z, 1.7, 20.65S, 169.10E, h0km, mb4.0/10, mb1.4/2.1, mb1mx4.0/2.6, mbtmp4.0/11, ML3.3/1, MS3.5/2, Ms1.3/5.2, ms1mx3.0/1.8, Error ellipse: s-maj=58.7km s-min=20.7km az=142.0

ISC 16 03:56:42.5z, 0.1, 21.09S, 169.3E, 0.1, h30km, n27, 0r1131/32, mb4.0/12, Southeast of Loyalty Islands

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

BUI 16 04:06:36.3z, 0.0, 37.15N, 85.83E, h6km, mb4.3/10, mb4.2/13, ML4.1/11, MS3.6/7, Ms7.3/4.5

IDC 16 04:06:36.0z, 0.8, 37.31N, 86.04E, h0km, mb3.9/10, mb1.4/1.4, mb1mx3.8/3.4, mbtmp3.9/14, ML3.7/4, MS3.0/7, Ms1.3/0.7, ms1mx2.7/4.2, Error ellipse: s-maj=30.7km s-min=15.2km az=55.0

NEIC 16 04:06:37.1z, 1.7, 37.29N, 0.05, 86.0E, 0.1, h10km, 5km, mb4.0/9, Error ellipse: s-maj=12.4km s-min=7.7km az=101.0

ISC 16 04:06:37.3z, 0.6, 37.31N, 0.07, 85.92E, 0.06, h10km, n59, 0r1538/59, mb3.8/10, MS2.7/4, 3C-2D, Southern Xinjiang

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

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

IDC 16 04:21:06.2z, 2.3, 20.62S, 168.92E, h0km, mb4.2/5, mb1.4/4.6, mb1mx4.0/2.4, mbtmp4.1/6, ML3.1/1, Error ellipse: s-maj=85.8km s-min=24.7km az=145.0

ISC 16 04:21:10.7z, 1.8, 20.7S, 0.4x168.9E, 0.3, h31km, n7, 0r4548/8, mb4.1/5, Loyalty Islands

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

IDC 16 04:21:58.6z, 6.5, 7.32S, 75.73W, h55km, 71km, mb3.6/4, mb1.3/7.5, mb1mx3.5/2.3, mbtmp3.8/5, ML3.5/1, MS2.9/1, Ms1.3/1.1, ms1mx2.7/1.9, Error ellipse: s-maj=93.6km

s-min=29.7km az=41.0, NEIC 16 04:21:59.3z, 1.3, 7.40S, 0.08, 75.7W, 0.1, h89km, 6km, mb4.2/7, Error ellipse: s-maj=17.5km s-min=12.1km az=90.0

ISC 16 04:22:02.3z, 0.9, 7.59S, 0.08, 75.8W, 0.1, h100km, n17, 0r1531/16, mb3.8/5, Northern Peru

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

IDC 16 04:24:07.1z, 1.1, 20.42S, 168.86E, h0km, mb4.6/12, mb1.4/8.13, mb1mx4.6/2.1, mbtmp4.6/13, ML4.2/1, MS4.7/24, Ms1.4/7.24, ms1mx4.7/2.9, Error ellipse: s-maj=35.8km s-min=18.5km az=137.0

BUI 16 04:24:07.0z, 0.0, 20.60S, 169.00E, h20km, mb5.4/48, mb5.0/47, Ms5.0/45, Ms7.4/43

NEIC 16 04:24:07.9z, 1.5, 20.41S, 0.05, 168.92E, 0.08, h12km, 3km, mb4.8/94, Error ellipse: s-maj=11.7km s-min=7.8km az=100.0

BGR 16 04:24:12.1z, 1.0, 19.94S, 170.55E, h33km

GCMT 16 04:24:13.9z, 0.1, 20.48S, 0.01, 168.70E, 0.01, h22km, MW5.4/145, Moment Tensor Solution, s140c245, s145c259, Duration: 1s2, Moment tensor: Scale 1017 Nm; Mn: 1.19e-02; Mw: 0.09e-01; Mz: 1.09e-01; Mo: 0.44e-03; Mx: 0.51e-01; My: 0.87e-03; Best double couple: Mo: 1.58400e-107; NP1: 3.340.00000e-082.00000e-07, 0.85.00000e-07, NP2: 1.54.00000e-084.00000e-07, 1.87.00000e-07. Principal axes: T: 1.5260, Plg1.00000e-05, Azm59.00000e-05; N: 0.1220, Plg2.00000e-05, Azm156.00000e-05; P: -1.6410, Plg3.00000e-05, Azm246.00000e-05; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 16 04:24:10.7z, 0.3, 20.50S, 0.04, 169.01E, 0.06, h31km, n278, 0r202/253, mb4.8/66, MS4.7/8, 2C-2D, Vanuatu Islands

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

WRA 16 04:24:11.1z, 1.1, 20.42S, 168.86E, h0km, mb4.6/12, mb1.4/8.13, mb1mx4.6/2.1, mbtmp4.6/13, ML4.2/1, MS4.7/24, Ms1.4/7.24, ms1mx4.7/2.9, Error ellipse: s-maj=35.8km s-min=18.5km az=137.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Fines, EKA, AKASO, BRTR, YKA, ILAR.

ASRS 16 05:09:04.8:0.8:46°N,4°9'E, h10km, MLV3.9/6, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/tab confirmed,

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

IDC 16 06:09:15.5:3.1:6:56S:155.31E, h47km, 9km, mb3.6/4, mb1.3/4, mb1mx3.4/29, mbtmpp3.8/4, Error ellipse: s-maj=85.2km s-min=28.7km az=106.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, H1S3, H1S2, H1S1, ASAR, etc.

IDC 16 06:16:58.9:1.6:20:53S:168.94E, h0km, mb4.1/10, mb1.4/21, mb1mx0.4/40, mbtmpp4.0/11, ML3.6/1, MS3.9/16, Ms1.3/9.16, ms1mx3.6/23, Error ellipse: s-maj=55.9km s-min=19.2km az=140.0,

NEIC 16 06:16:59.3:1.3:20:9S:0.1:169:24E:0:09, h19km, 5km, mb4.3/10, Error ellipse: s-maj=19.3km s-min=8.5km az=148.0,

GCMT 16 06:17:06.3:0.4:20:49S:0:04:168:69E:0:03, h28km, MW4.8/64, Moment Tensor Solution. s27,c29; s64,c72; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.47e16; Mw:0.74e12; Mw:1.74e11; Mw:0.30e18; Mw:0.39e06; Ms:0.90e15; Best double couple: Ms2.37200x10^16 Np1.3641.00000; s33.00000; s90.00000; NP2: 0.161.00000; s57.00000; s90.00000; Principal axes: T 2.27000, P1.78.00000, Az:272.00000, N -0.60200, P1g:0.00000, Az:341.00000, P:2.0750, P1g1:0.00000, Az:251.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 06:17:00.5:0.8:20:9S:0.1:169:22E:0.1, h25km, n48, s156/36, mb4.0/13, MS3.9/16, Vanuatu Islands

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

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

IDC 16 06:21:25.6:1.8:3:46N:123:43E, h0km, mb3.5/3, mb1.3/7/3, mb1mx3.3/45, mbtmpp3.5/3, Error ellipse: s-maj=214.0km s-min=25.7km az=53.0, Celebes Sea

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

IDC 16 07:40:32.3:1.1:0:17:67S:179:05W, h65km, 164km, mb2.9/5, mb1.3/3.6, mb1mx3.0/25, mbtmpp3.6/9, Error ellipse: s-maj=120.9km s-min=49.4km az=161.0,

ISC 16 07:40:24.9:1.8:16:8S:0:7:179:0W:0.4, h533km, n6, s188/6, mb3.2/5, Fijii Islands region

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

IDC 16 08:00:08.3:4.0:52:50N:35:24E, h0km, mb1.3/5/3, mb1mx3.1/37, mbtmpp3.4/3, ML3.1/3, Error ellipse: s-maj=50.2km s-min=13.3km az=110.0, Baltic States-Belarus-Northwestern Russia

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

JMA 16 08:06:58.3:0.2:24:26N:122:03E, h43km, 4km, M2.3, TAP 16 08:06:58.3:24:23N:122:03E, h28km, ML2.7, C ISC 16 08:06:58.1:1.0:24:29N:102:122:08E:0:02, h18km, 4km, n51, c050/92, Taiwan region

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

NAO 16 04:52:03.8:3.5:72:78N:5:00E, ML3.1, IDC 16 04:52:07.3:1.5:72:85N:5:68E, h0km, mb3.6/2, mb1.3/7.7, mb1mx3.4/47, mbtmpp3.6/7, ML3.1/5, MS2.9/5, Ms1.2/9.5, ms1mx2.6/42, Error ellipse: s-maj=30.9km s-min=17.3km az=70.0,

BER 16 04:52:09.1:2.2:72:91N:5:46E, h10km, ML2.4, Confirmed Earthquake

ISC 16 04:52:08.2:1.1:72:88N:0:07:59E:0.1, h11km, n34, s120/30, Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJO1, BJO1, BJO1, BJO1, BJO1, etc.

16d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NAZ, NTV, MDH, ARQ, WSAR, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WORD, VSR, CFR, VRI, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BOD, KBS, DBIC, etc.

NEIC 16 10:58:28.8, 21.94S: 175.53W, h35km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr1: 0.1; Mw: 0.44; Mw: 0.58; Mw: 0.85; Mw: 0.32; Mr1: 0.05; Fault plane solution: Mo: 1.65000e+10¹⁷; Np1: 2.1870000e+10¹⁷; δ: 17.15000°; λ: 89.66000°. NP2: 3.906000e+10¹⁷; δ: 72.85000°, λ: 90.11000°. Principal axes: T: 1.7288, P: 2.6190000e+10¹⁷; Azm: 309.0000°; N: -0.1784, P: 0.00000e+10¹⁷; Azm: 219.0000°; P: -1.5504, P: 0.00000e+10¹⁷; Azm: 129.0000°.

BGR 16 10:58:31.6, 0.0, 20.75S: 176.32W, h33km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr1: 0.1; Mw: 0.50; Mw: 2.14; Mw: 0.96; Mw: 1.33; Mr1: 0.65; Fault plane solution: Mo: 2.97000e+10¹⁷; Np1: 1.860000e+10¹⁷; δ: 27.00000°, λ: 65.00000°. NP2: 3.30000e+10¹⁷; δ: 66.00000°, λ: 102.00000°. Principal axes: T: 2.3463, P: 6.00000e+10¹⁷; Azm: 326.0000°; N: 0.9899, P: 1.140000e+10¹⁷; Azm: 208.0000°; P: -3.3362, P: 0.00000e+10¹⁷; Azm: 114.0000°.

ISC 16 10:58:27.9, 0.2, 22.00S: 175.35W, h35km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr1: 0.1; Mw: 0.50; Mw: 2.14; Mw: 0.96; Mw: 1.33; Mr1: 0.65; Fault plane solution: Mo: 2.97000e+10¹⁷; Np1: 1.860000e+10¹⁷; δ: 27.00000°, λ: 65.00000°. NP2: 3.30000e+10¹⁷; δ: 66.00000°, λ: 102.00000°. Principal axes: T: 2.3463, P: 6.00000e+10¹⁷; Azm: 326.0000°; N: 0.9899, P: 1.140000e+10¹⁷; Azm: 208.0000°; P: -3.3362, P: 0.00000e+10¹⁷; Azm: 114.0000°.

NEIC 16 10:58:33.22: 0.03S: 174.83W, h46km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr1: 0.1; Mw: 0.50; Mw: 2.14; Mw: 0.96; Mw: 1.33; Mr1: 0.65; Fault plane solution: Mo: 2.97000e+10¹⁷; Np1: 1.860000e+10¹⁷; δ: 27.00000°, λ: 65.00000°. NP2: 3.30000e+10¹⁷; δ: 66.00000°, λ: 102.00000°. Principal axes: T: 2.3463, P: 6.00000e+10¹⁷; Azm: 326.0000°; N: 0.9899, P: 1.140000e+10¹⁷; Azm: 208.0000°; P: -3.3362, P: 0.00000e+10¹⁷; Azm: 114.0000°.

ISC 16 10:58:27.9, 0.2, 22.00S: 175.35W, h35km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr1: 0.1; Mw: 0.50; Mw: 2.14; Mw: 0.96; Mw: 1.33; Mr1: 0.65; Fault plane solution: Mo: 2.97000e+10¹⁷; Np1: 1.860000e+10¹⁷; δ: 27.00000°, λ: 65.00000°. NP2: 3.30000e+10¹⁷; δ: 66.00000°, λ: 102.00000°. Principal axes: T: 2.3463, P: 6.00000e+10¹⁷; Azm: 326.0000°; N: 0.9899, P: 1.140000e+10¹⁷; Azm: 208.0000°; P: -3.3362, P: 0.00000e+10¹⁷; Azm: 114.0000°.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h r s
NIUE	Niue	5.86	61	P	Pn	10 59 46.0 -6.3
NIUE	Niue			S	Sn	11 00 43.0 -1.5
NIUE	Niue	5.86	61	P	Pn	10 59 46.4 -5.8
NIUE	Niue			S	Sn	11 00 45.3 -1.3
MSFV	Nonsavu	7.52	303	iP	Pn	11 00 23.9 +8.6
MSFV	Nonsavu	7.52	303	P	Pn	11 00 23.7 +8.4
RIZ	Raoul Island	7.58	197	P	Pn	11 00 18.4 +2.4
RIZ	Raoul Island	7.58	197	S	Sn	11 01 40.0 0.0
RAO	Raoul Island	7.58	197	P	Pn	11 01 39.3 -1.4
RAO	Raoul Island	7.58	197	P	Pn	11 00 16.6 +0.6
RAO	Raoul Island	7.58	197	Pn	Pn	11 01 38.7 +0.6
RAO	Raoul Island	7.58	197	P	Pn	11 01 38.7 +2.0
GLKZ	Green Lake	7.59	197	P	Pn	11 00 19.3 +3.2
GLKZ	Green Lake			S	Sn	11 01 41.5 +0.6
AFI	Afiamalua	8.73	23	P	Pn	11 00 27.8 -4.1
AFI	Afiamalua	8.73	23	Pn	Pn	11 02 04.3 -4.9
AFI	Afiamalua	8.73	23	Pn	Pn	11 02 04.3 -4.9
RAR	Rarotonga	14.51	90	Pn	Pn	11 01 43.4 -7.4
RAR	Rarotonga	14.51	90	LR	LR	11 06 08.6
RAR	Rarotonga	14.51	90	P	Pn	11 01 44.0 -6.7
RAO	Omahuta	16.34	214	P	P	11 02 19.4 +2.1
OZU	Omahuta	16.34	214	P	P	11 02 17.6 +0.4
WCZ	Waipu Caves	16.54	211	P	P	11 02 19.3 -0.1
KUZ	Kuaituna	16.61	206	P	P	11 02 21.9 +1.1
WMGZ	Waiomatatini S	16.66	197	P	Pn	11 02 15.9 -2.7
WMGZ	Waiomatatini S			S	Sn	11 05 08.7 -1.4
HAZ	T e Kaha	16.78	199	P	Pn	11 02 13.3 -6.9
HAZ	T e Kaha			S	Sn	11 05 13.4 -1.2
PKGZ	Pakihoroa	16.82	198	P	Pn	11 02 12.5 -8.2
PKGZ	Pakihoroa			S	Sn	11 02 09.1 -1.7
DZM	Mont Dzumac	16.88	266	P	Pn	11 02 27.1 +3.6
DZM	Mont Dzumac	16.88	266	LR	LR	11 06 15.5
DZM	Mont Dzumac	16.88	266	ePn	Pn	11 02 27.2 +3.8
DZM	Mont Dzumac			eLQ	LQ	11 05 43.4
DZM	Mont Dzumac			eLR	LR	11 06 28.4
WIAZ	Waiheke Island	16.90	207	P	P	11 02 25.1 +1.7
PUZ	Puketitiri	16.94	198	P	Pn	11 02 18.5 -3.7
PUZ	Puketitiri			S	Sn	11 05 15.1 -1.4
RUGZ	Raukumara Rang	17.01	199	P	Pn	11 02 17.9 -5.3
RUGZ	Raukumara Rang			S	Sn	11 05 16.3 -1.5
TWGZ	Tauwhareparea	17.11	198	P	Pn	11 02 24.2 -0.2
TWGZ	Tauwhareparea			S	Sn	11 05 19.1 -1.5
OPRZ	Ohinepanea	17.27	202	P	Pn	11 02 30.3 +2.8
CNGZ	Carnagh Statio	17.34	197	P	Pn	11 02 19.0 -0.8
CNGZ	Carnagh Statio			S	Sn	11 05 20.9 -1.8
MWZ	Matawai	17.39	199	P	Pn	11 02 23.5 -4.4
MWZ	Matawai			S	Sn	11 05 23.6 -1.7
TKGZ	T e Karaka	17.40	198	P	Pn	11 02 25.1 -2.8
TKGZ	T e Karaka			S	Sn	11 05 22.6 -1.8
URZ	Urewera	17.45	200	P	Pn	11 05 28.4 -1.3
URZ	Urewera	17.45	200	Pn	Pn	11 02 24.6 -3.9
URZ	Urewera			S	Sn	11 05 26.5 -1.5
URZ	Urewera	17.45	200	P	Pn	11 02 29.5 -0.1
RIGZ	Rimuhau	17.67	198	P	Pn	11 02 32.5 +0.5
MUGZ	Murupara	17.76	201	P	Pn	11 02 30.9 +2.9
RTZ	Ratahuna	17.82	200	P	Pn	11 02 34.4 +0.7
SNGZ	Shannon Statio	17.86	199	P	Pn	11 02 31.8 -1.9
MHGZ	Mahia Peninsula	18.05	197	P	Pn	11 02 31.8 -4.1
TLZ	Tolley Road	18.06	204	P	Pn	11 02 37.3 +1.0
RAHZ	Arahi	18.06	199	P	Pn	11 02 30.9 +0.5
MTHZ	Maungataniwha	18.08	200	P	Pn	11 02 36.7 +0.3
BKZ	Black Stump Fm	18.48	200	P	Pn	11 02 37.6 -3.3
TUVZ	Tukino	18.85	202	P	Pn	11 02 46.0 +0.1
BHZ	Black Hill Sta	18.91	201	P	Pn	11 02 42.5 -3.2
KAHZ	Kahuranaki	18.93	199	P	Pn	11 02 46.5 +0.6
MOVZ	Mosvango	18.94	202	P	Pn	11 02 41.1 +1.3
KRHZ	Kereru	18.95	200	P	Pn	11 02 44.5 -1.6
PHXZ	Pawanui	19.16	198	P	Pn	11 02 46.2 -2.0
PNHZ	Pukeni	19.25	200	P	Pn	11 02 46.9 -2.4
WPHZ	Waipukurau	19.32	199	P	Pn	11 02 53.7 +2.5
KNTN	Kamton	19.43	11	P	Pn	11 02 50.6 -0.8
TSZ	Takapari Road	19.45	200	P	Pn	11 02 49.7 -1.9
DVHZ	Dannville	19.61	200	P	Pn	11 02 53.8 +0.5
ANWZ	Angora Road	19.67	199	P	Pn	11 02 55.7 +0.3
POWZ	Post Office Ro	19.82	200	P	Pn	11 02 57.0 -0.3
PRWZ	Port Road	19.91	200	P	Pn	11 02 56.7 +0.2
NWZ	Nelson	21.39	204	P	Pn	11 03 06.8 -2.9
NWZ	Nelson			Iamb	Iamb	11 03 14.0
BSWZ	Blackbirch Sta	21.65	202	P	P	11 03 15.4 +0.2
THZ	Tophouse	22.04	204	P	P	11 03 19.3 -0.2
THZ	Tophouse			IAMS_20	IAMS_20	11 12 06.8
KHZ	Kahutara	22.38	202	P	P	11 03 21.0 -2.1
TBI	Tubuai	23.92	98	eS	S	11 07 47.8 -5.2
TBI	Tubuai			eLQ	LQ	11 08 24.9
TBI	Tubuai			eLR	LR	11 09 24.5
TBI	Tubuai	23.92	98	eT	T	11 28 10.8
RPZ	Rata Peaks	24.42	204	P	P	11 03 40.3 -2.9
RPZ	Rata Peaks			S	S	11 07 57.7 -2.9
RPZ	Rata Peaks	24.42	204	IAMS_20	IAMS_20	11 13 54.6
PAE	Paea	24.61	84	eP	P	11 03 43.2 -1.9
PAE	Paea			T	T	11 28 52.6
PPT2	Papeete2	24.63	84	eP	P	11 03 44.0 -1.4
PPT2	Papeete2			eS	S	11 07 57.2 -7.5
PPT2	Papeete2			eLR	LQ	11 08 41.0
PPT2	Papeete2			eLQ	LQ	11 08 41.0
PPT2	Papeete2			LR	LR	11 09 43.0
PPT2	Papeete2	24.63	84	eT	T	11 28 54.7

PPT	Papeete	24.64	84	P	P	11 03 45.2 -0.2
PPT	Papeete	24.64	84	LR	LR	11 10 47.4
LHI	Lord Howe Isla	24.69	242	P	P	11 03 46.5 +0.9
LHI	Lord Howe Isla	24.69	242	IAMS_20	IAMS_20	11 13 16.2
TIAR	Tiare	24.85	84	eP	P	11 03 45.8 -1.5
TIAR	Tiare			T	T	11 29 00.1
TVO	Taravao	24.88	85	eP	P	11 03 46.0 -1.7
TVO	Taravao			T	T	11 29 06.4
MEH	Mehetia	25.96	86	eT	T	11 30 34.9
WKZ	Wanaka	26.15	206	P	P	11 03 57.7 -1.2
HNR	Honiara	26.81	294	LR	LR	11 14 06.5
PMOR	Pomariole Ree	26.92	80	eT	T	11 31 42.5
MLZ	Mavora Lakes	26.96	206	IAMS_20	IAMS_20	11 14 49.1
VAH	Vaihoa	27.09	80	eT	T	11 31 55.3
ARMA	Armidade	30.70	247	P	P	11 04 40.3 +0.6
ARMA	Armidade			Iamb	Iamb	11 04 46.9
EIDS	Eidsvold	30.88	257	P	P	11 04 41.9 +0.7
EIDS	Eidsvold			IAMS_20	IAMS_20	11 16 42.6
MGCD	Mangrove Creek	31.62	242	P	P	11 04 48.9 +1.2
RMQ	Roma	32.96	255	P	P	11 05 00.5 +1.0
CAN	Canberra Magne	33.50	239	P	P	11 05 04.8 +0.6
CAN	Canberra	33.79	239	P	P	11 05 07.3 +0.6
CAN	Canberra			pmax	pmax	
CAN	Canberra			Iamb	Iamb	11 05 07.3 +0.6
YNG	Young	34.06	241	P	P	11 05 08.9 -0.1
CTA	Charters Town	35.83	266	P	P	11 05 24.7 +0.3
CTA	Charters Town			pmax	pmax	
CTA	Charters Town			Iamb	Iamb	11 05 24.7 +0.3
CTA	Charters Town			pmax	pmax	
CMSA	Cobar Meteorol	35.90	246	P	P	11 05 24.7 +0.3
CMSA	Cobar Meteorol			S	S	11 05 24.5 -0.3
TAOE	Nuku Hiva Isla	36.26	74	eS	S	11 11 02.0 -4.7
TAOE	Nuku Hiva Isla			eLR	LR	11 15 03.6
TAOE	Nuku Hiva Isla			eT	T	11 43 18.8
QLP	Quilpie	37.01	255	P	P	11 05 35.2 +0.8
TOO	Toolangi	37.07	236	P	P	11 05 35.0 +0.2
TOO	Toolangi			pmax	pmax	11 05 35.2 +0.4
TOO	Toolangi			IAMS_20	IAMS_20	11 11 09.5
TAU	Tasmania Unive	37.36	227	P	P	11 05 38.3 +1.2
TAU	Tasmania Unive			pmax	pmax	
TAU	Tasmania Unive			Iamb	Iamb	11 05 38.3 +1.2
TAU	Tasmania Un					

F05D	White Salmon	83.37	35	P	P	11 10 53.1 +1.7
COYC	Coyhaique	83.37	137	P	Iamb	11 10 53.6 +2.1
COYC	comp-Z,53nm,1.3s					11 10 55.9
J08A	Circle Bar Ran	83.39	38	P	Iamb	11 10 53.2 +1.5
J08A	comp-Z,50nm,1.3s					11 10 54.7
D04E	Lakebay	83.55	33	P	P	11 10 54.4 +2.3
DIB	Lawson Inlet,	83.59	24	P	Iamb	11 10 53.2 +1.0
DIB	comp-Z,28nm,1.2s					11 10 59.4
D03D	Eldon	83.63	33	P	P	11 10 54.4 +1.8
H03M	Homer	83.66	12	IAMS_20	IAMS_20	11 43 08.9
PKCU	Pink Cliffs	83.72	46	P	P	11 10 56.5 +2.8
QIZ	Qiongzong	83.72	293	S	SS	11 10 52.8 -1.1
QIZ				S	SS	11 21 13.3 -1.1
QIZ				S	SS	11 26 40.8 -1.5
QIZ	comp-Z,130nm,2.6s					
QIZ	comp-Z,270nm,22.7s					
QIZ	comp-Z,220nm,22.6s					
QIZ	comp-Z,560nm,29.6s					
ELK	Elko	83.73	42	P	P	11 10 54.3 +0.7
ELK	comp-Z,23nm,1.2s					
ELK	Elko	83.73	42	P	Iamb	11 10 54.3 +0.7
ELK	comp-Z,22nm,1.2s					
LON	Longmire	83.75	34	P	P	11 10 54.7 +1.3
LON	comp-Z,16nm,0.9s					
LON	Longmire	83.75	34	P	Iamb	11 10 54.7 +1.3
LON	comp-Z,16nm,0.9s					
BRLK	Bradley Lake	83.90	12	P	Iamb	11 10 55.1 +1.3
BRLK	comp-Z,39nm,1.1s					
BRLK	comp-Z,622nm,20.0s					
D05A	Enumclaw	83.95	33	P	P	11 10 56.9 +2.6
GRNR	Gorny	83.98	332	P	P	11 10 55.2 +0.9
GRNR	comp-Z,6.0nm,1.4s					
GRNR	comp-E,110nm,17.0s					
GRNR	comp-N,150nm,18.0s					
GRNR	comp-Z,260nm,18.0s					
MTPU	Mount Pierson	84.13	45	P	P	11 10 58.3 +2.4
F07A	Phinny Hill Vi	84.19	35	P	Iamb	11 10 57.2 +1.7
F07A	comp-Z,23nm,1.0s					
BKNI	Bangkinang	84.19	273	IAMS_20	IAMS_20	11 48 05.4
RSO	Redout South	84.20	11	P	P	11 10 56.0 +0.5
PGC	Sidney	84.20	32	Iamb	Iamb	11 10 57.2 +1.8
PGC	comp-Z,26nm,0.9s					
W18A	Petrified Fore	84.21	49	P	P	11 10 58.4 +2.2
W18A	comp-Z,390nm,21.0s					
W18A	Petrified Fore	84.21	49	P	Iamb	11 10 57.7 +1.5
W18A	comp-Z,34nm,1.2s					
121A	Cookes Peak, D	84.27	52	P	P	11 10 58.8 +2.3
121A	comp-Z,292nm,20.0s					
121A	Cookes Peak, D	84.27	52	P	IAMS_20	11 10 58.8 +1.9
121A	comp-Z,329nm,20.0s					
G08A	Pilot Rock	84.33	36	P	Iamb	11 10 58.0 +1.6
G08A	comp-Z,38nm,1.3s					
SVWZ	Sparrevohn	84.33	10	P	P	11 10 56.6 +0.7
MSU	Marysvalle	84.40	45	P	P	11 10 59.3 +2.2
MSU	Marysvalle	84.40	45	P	P	11 10 59.3 +2.2
SEW	Seward	84.50	13	P	Iamb	11 10 58.1 +1.4
SEW	comp-Z,33nm,1.1s					
DL2	Dalian	84.52	316	P	S	11 10 56.8 -0.5
DL2				S	SKS	11 21 17.3 -4.3
DL2				S	S	11 21 21.0 -0.6
DL2	comp-Z,20nm,0.8s					
DL2	comp-Z,320nm,5.4s					
DL2	comp-Z,360nm,21.6s					
DL2	comp-Z,350nm,23.2s					
B05A	Bryant	84.61	33	P	P	11 10 59.1 +1.6
A04D	Lummi Island	84.61	32	P	P	11 10 59.3 +1.7
E07A	Sunnyside	84.65	35	P	Iamb	11 10 59.7 +1.8
E07A	comp-Z,36nm,1.0s					
LTY	Liberty	84.68	34	P	Iamb	11 10 59.3 +1.2
LTY	comp-Z,33nm,1.2s					
HAWA	Hanford	84.72	35	P	P	11 10 59.9 +1.7
CAPN	Captain Cook N	84.78	12	P	P	11 11 00.0 +1.9
O22K	Cooper Landing	84.79	12	P	P	11 10 58.5 +0.3
TLIG	Tipapa	84.80	69	P	Iamb	11 11 00.9 +1.5
TLIG	comp-Z,37nm,1.3s					
EPT	El Paso	84.83	53	IAMS_20	IAMS_20	11 42 55.8
DUG	Dugway, Tooele	84.93	43	P	P	11 11 01.2 +1.6
DUG	comp-Z,16nm,1.4s					
DUG	Dugway, Tooele	84.93	43	P	P	11 11 00.9 +1.3
DUG	comp-Z,29nm,2.1s					
MFID	Camas Ranch	84.95	39	P	Iamb	11 11 01.2 +1.6
MFID	comp-Z,24nm,1.1s					
BMO	Blue Mountains	84.97	37	P	P	11 11 00.7 +1.1
BMO	comp-Z,19nm,1.0s					
BMO	Blue Mountains	84.97	37	P	Iamb	11 11 00.7 +1.1
BMO	comp-Z,19nm,1.0s					
C06D	Leavenworth	84.99	33	P	P	11 11 00.5 +0.9
E08A	Dider Farm, El	85.03	35	P	Iamb	11 11 01.3 +1.6
E08A	comp-Z,20nm,1.0s					
KLR	Kul'dur	85.08	328	P	P	11 11 00.6 +0.7
KLR	comp-Z,6.5nm,0.9s,baz=114,slow=5.7,SNR=13					
KLR	Kul'dur	85.08	328	P	P	11 11 00.7 +0.7
KLR	comp-Z,29nm,2.1s					
WHN	Wuhan	85.32	305	P	S	11 11 01.5 -0.1
WHN				S	S	11 21 20.8 -9.1
WHN	comp-Z,630nm,5.9s					
WHN	comp-Z,1um,19.9s					
WHN	comp-Z,980nm,15.3s					
WHN	comp-Z,1um,19.1s					
HIN	Hinchinbrook I	85.39	14	IAMS_20	IAMS_20	11 43 41.2
TMUT	Trail Mountain	85.46	44	P	P	11 11 04.3 +1.9
D08A	Wollman Farm,	85.46	35	Iamb	Iamb	11 11 03.7 +1.8
D08A	comp-Z,32nm,1.0s					
D08A	comp-Z,500nm,18.0s					
SUA	Susitna One	85.50	12	P	P	11 11 02.3 +0.4

SUA	comp-Z,25nm,0.8s					
SUA	comp-Z,720nm,20.0s					
GAMB	Gamb	85.54	2	IAMS_20	IAMS_20	11 45 16.7
E09A	Wood Farm, Sta	85.54	36	P	P	11 11 03.8 +1.5
E09A	comp-Z,46nm,1.4s					
MPU	Maple Canyon	85.58	44	P	P	11 11 05.1 +2.2
MNTX	Cornudas Mount	85.63	53	P	P	11 11 04.6 +1.5
MNTX	comp-Z,35nm,1.3s					
MNTX	IRIS PASCAL I	85.67	51	P	P	11 11 05.7 +2.2
MNTX	comp-Z,240					
Y22D	IRIS PASCAL I	85.67	51	P	P	11 11 05.3 +1.9
LEHM	Lemitar	85.68	51	P	P	11 11 04.3 +0.8
GLI	Glacier Island	85.70	13	IAMS_20	IAMS_20	11 11 03.1 +0.4
GLI	comp-Z,623nm,20.0s					
EYAK	Cordova Ski Ar	85.70	14	P	Iamb	11 11 04.0 +1.3
EYAK	comp-Z,20nm,1.0s					
F10A	Beach Ranch, E	85.71	36	P	Iamb	11 11 04.1 +0.8
F10A	comp-Z,43nm,1.4s					
FID	Port Fidalgo	85.72	14	IAMS_20	IAMS_20	11 44 09.4
FID	comp-Z,650nm,20.0s					
IPM	Ipho	85.77	277	P	P	11 11 03.4 -0.9
IPM	comp-Z,12nm,0.7s					
SYO	Syowa Base	85.80	192	P	P	11 11 02.0 -1.3
SYO	Syowa Base	85.80	192	P	P	11 11 04.4 +1.1
SYO	Syowa Base	85.80	192	P	P	11 11 14.6 +0.3
SYO	Syowa Base	85.80	192	P	P	11 11 17.0 -1.3
SYO	Syowa Base	85.80	192	P	P	11 14 25.0 +2.8
SYO	Syowa Base	85.80	192	P	P	11 11 05.0 +1.7
RAGM	Ragged Mountai	85.81	15	IAMS_20	IAMS_20	11 45 15.1
RAGM	comp-Z,900nm,19.0s					
TX31	Lajitas Ar. Si	85.81	56	P	P	11 11 05.3 +1.1
TX32	Lajitas Array	85.81	56	P	Iamb	11 11 05.3 +1.1
TX32	comp-Z,46nm,1.4s					
TXAR	Lajitas Array	85.81	56	P	P	11 11 05.2 +1.1
TXAR	comp-Z,6.3nm,0.9s,baz=214,slow=8.3,SNR=30					
TXAR	comp-Z,0.2nm,0.6s,baz=108,slow=3.9,SNR=38					
TXAR	comp-Z,462nm,21.0s,baz=0.0,slow=31					
TXAR	Lajitas Array	85.81	56	P	P	11 11 05.1 +0.9
TXAR	Lajitas Array	85.81	56	P	P	11 11 05.1 +0.9
SRU	San Rafael Swe	85.81	45	P	P	11 11 05.5 +1.5
SRU	comp-Z,25nm,0.9s					
SRU	San Rafael Swe	85.81	45	P	P	11 11 05.5 +1.5
SKT	Skwentna	85.83	11	Iamb	Iamb	11 11 03.0 -0.4
SKT	comp-Z,21nm,1.2s					
SKT	comp-Z,537nm,20.0s					
HMT	Hamilton	85.86	15	P	Iamb	11 11 03.8 +0.2
HMT	comp-Z,31nm,1.2s					
P17A	Butcher Ranch,	85.86	45	P	P	11 11 06.2 +1.9
HLID	Hailey	85.87	40	P	P	11 11 05.9 +1.6
HLID	comp-Z,234					
HLID	Hailey	85.87	40	P	P	11 11 05.9 +1.2
CTU	Camp Tracy	85.88	43	P	P	11 11 05.7 +1.4
KNK	Knik Glacier	85.90	13	P	Iamb	11 11 04.0 +0.2
KNK	comp-Z,17nm,0.8s					
MA2	Magadan	85.90	343	P	P	11 11 03.3 -0.4
MA2	comp-Z,8.7nm,0.7s,baz=131,slow=8.1,SNR=6.1					
MA2	Magadan	85.90	343	P	P	11 11 03.3 -0.4
MA2	comp-Z,43nm,1.7s					
MA2	Magadan	85.90	343	P	P	11 11 03.7 -0.1
MA2	comp-Z,364nm,19.0s					
MA2	comp-Z,885nm,20.0s					
BAR	Barren Site	85.92	51	P	P	11 11 06.5 +1.7
PMR	Palmer	85.93	12	P	P	11 11 04.4 +0.6
PMR	comp-Z,36nm,1.4s					
PMR	Palmer	85.93	12	P	Iamb	11 11 04.3 +0.6
PMR	comp-Z,36nm,1.4s					
TTA	Tatalina	86.02	9	P	P	11 11 05.2 +0.8
TTA	comp-Z,31nm,1.1s					
TTA	Tatalina	86.02	9	P	Iamb	11 11 05.2 +0.8
TTA	comp-Z,31nm,1.1s					
JLU	Jordanelle	86.02	43	P	P	11 11 06.7 +1.5
B08A	Colville Reser	86.07	34	P	Iamb	11 11 04.9 0.0
B08A	comp-Z,24nm,1.2s					
TIA	Tai'an	86.11	311	P	P	11 11 06.3 +0.9
TIA	comp-Z,11nm,0.8s					
TIA	comp-Z,230nm,2.8s					
TIA	comp-Z,340nm,22.1s					
TIA	comp-Z,380nm,20.1s					
WRAK	Wrangell Island	86.13	22	P	Iamb	11 11 05.4 +0.5
WRAK	comp-Z,700nm,24.7s					
GHO	Glorie Hole Cre	86.13	12	P	Iamb	11 11 05.6 +0.7
GHO	comp-Z,30nm,0.9s					
MVCO	Mesa Verde	86.16	47	P	P	11 11 07.3 +1.4
PV05	Paradox Valley	86.20	46	P	Iamb	11 11 07.6 +1.5
PV05	comp-Z,28nm,1.4s					
C09A	Chrisman Ranch	86.27	35	P	P	11 11 07.5 +1.6
LLLB	Lillooet	86.28	31	P	Iamb	11 11 07.3 +1.4
LLLB	comp-Z,18nm,1.1s					
SML	Sawmill	86.28	12	P	P	11 11 06.3 +0.6
LC01	Cunco	86.32	130	P	P	11 11 12.5 +4.6
LC01	comp-Z,28nm,1.2s					
TCUT	Toone Canyon	86.33	43	P	P	11 11 08.5 +1.8
PV09	Paradox Valley	86.40	46	P	P	11 11 07.8 +0.6
PV19	Morning Glory	86.40	46	P	Iamb	11 11 08.6 +1.6
PV19	comp-Z,23nm,1.5s					
PV14	Lion Creek, Pa	86.41	46	P	P	11 11 07.7 +0.6
KULM	Kulim	86.42	277	IAMS_20	IAMS_20	11 56 08.4
PV18	Skein Mesa, Pa	86.42	46	P	P	11 11 08.9 +1.7
PV18	comp-Z,26nm,1.5s					
PV20	West Nyswonger	86.43	46	P	P	11 11 08.6 +1.5
PV13						

LPAZ	La Paz	99.21	112	LR	LR	11 47 19.1
W45A	Hickory Valley	99.36	56	IAMS_20	IAMS_20	11 53 44.6
PARM	Parma	99.45	54	IAMS_20	IAMS_20	11 51 02.1
LNXT	Lenox	99.45	55	IAMS_20	IAMS_20	11 50 51.2
HALT	Halts	99.50	55	IAMS_20	IAMS_20	11 50 52.6
GTA	Goatai	99.83	308	eP	Pdif	11 12 09.9 +0.9
GTA				pP	pP	11 12 15.1 -4.9
GTA				sP	sP	11 12 18.0 -6.0
GTA				SKS	SKS	11 22 45.6 +0.4
GTA				SS	SS	11 30 32.5 -1.4
GTA				pmax	pmax	
GTA				pmax	pmax	
GTA				LR	LR	
GTA				LR	LR	
GTA				LR	LR	
N41A	Harden Midland	100.04	50	IAMS_20	IAMS_20	11 50 49.2
S44A	Carbonate	100.17	54	IAMS_20	IAMS_20	11 51 04.2
SPMN	Marine on St.	100.28	45	IAMS_20	IAMS_20	11 50 27.9
LRAL	Lakeview Retre	100.35	59	IAMS_20	IAMS_20	11 54 10.4
451A	Vernon	100.56	61	IAMS_20	IAMS_20	11 50 20.2
WVT	Waverly	100.73	55	IAMS_20	IAMS_20	11 52 09.4
Q44A	Rieyer Farm Va	100.76	52	IAMS_20	IAMS_20	11 54 48.5
X48A	Hartselle	100.78	57	IAMS_20	IAMS_20	11 51 30.7
TIXI	Tiksi	100.83	345	IAMS_20	IAMS_20	11 51 43.7
Y49A	Blount Moutain	101.08	58	IAMS_20	IAMS_20	11 55 10.8
HDIL	Hopedale	101.10	51	IAMS_20	IAMS_20	11 54 32.5
V48A	Smith Brothers	101.37	56	IAMS_20	IAMS_20	11 53 52.2
OLIL	Olney	101.38	53	IAMS_20	IAMS_20	11 54 49.0
O44A	Mansfield	101.57	51	IAMS_20	IAMS_20	11 55 27.8
CLTN	Cedars of Leba	101.86	56	IAMS_20	IAMS_20	11 54 53.2
Z51A	Franklin	101.89	59	IAMS_20	IAMS_20	11 55 25.2
SWET	Seewanee	101.89	57	IAMS_20	IAMS_20	11 53 13.1
FPAL	Fort Payne	101.93	58	IAMS_20	IAMS_20	11 55 41.1
152A	Waverly Hall	102.05	60	IAMS_20	IAMS_20	11 52 24.5
P46A	Rosedale	102.32	52	IAMS_20	IAMS_20	11 54 24.5
W50A	Signal Mountai	102.37	57	IAMS_20	IAMS_20	11 55 16.7
U49A	Red Boiling Sp	102.42	56	IAMS_20	IAMS_20	11 54 52.8
HQIL	Hanson Quarry C	102.53	50	IAMS_20	IAMS_20	11 52 26.2
L44A	Lake County Fo	102.61	50	IAMS_20	IAMS_20	11 52 20.2
SFIN	Lafayette	102.64	51	P	Pdif	11 12 21.4 +0.2
SFIN	Lafayette	102.64	51	IAMS_20	IAMS_20	11 53 57.1
BLO	Bloomington	102.68	53	IAMS_20	IAMS_20	11 52 30.5
656A	Williston	102.80	63	IAMS_20	IAMS_20	12 08 13.7
Y52A	Libur	102.94	59	IAMS_20	IAMS_20	11 56 49.0
CPCT	Cooper Cave	103.06	57	IAMS_20	IAMS_20	11 52 27.0
061Z	Ochopok	103.08	67	IAMS_20	IAMS_20	11 55 36.7
GOGA	Godfrey	103.28	59	IAMS_20	IAMS_20	11 52 13.0
V51A	Loudon	103.30	57	IAMS_20	IAMS_20	11 55 56.3
H43A	Windswept, Lux	103.41	47	IAMS_20	IAMS_20	11 53 30.1
W52A	Murphy	103.42	57	IAMS_20	IAMS_20	11 56 27.5
F42A	Maple Grove Fa	103.56	46	IAMS_20	IAMS_20	11 51 47.3
P48A	Milroy	103.58	53	IAMS_20	IAMS_20	11 52 49.3
D41A	Chassel	103.66	45	IAMS_20	IAMS_20	11 54 22.4
L46A	Eue Claire	103.71	50	IAMS_20	IAMS_20	11 53 53.2
N7K	Tuckaleechee C	103.71	57	IAMS_20	IAMS_20	11 53 31.1
TKLA	Urbana	103.80	51	IAMS_20	IAMS_20	11 51 50.0
V52A	Sevierville	103.90	57	IAMS_20	IAMS_20	11 53 26.2
060A	Indiantown	103.91	66	IAMS_20	IAMS_20	11 51 25.4
P49A	Miami Univ. Ec	104.13	53	IAMS_20	IAMS_20	11 53 37.7
TZTN	Tazewell	104.14	56	IAMS_20	IAMS_20	11 56 05.5
BG3	Lake Jocassee	104.17	58	IAMS_20	IAMS_20	11 57 54.4
V53A	Saluda	104.46	57	IAMS_20	IAMS_20	11 57 09.0
O49A	Covington	104.59	52	IAMS_20	IAMS_20	11 54 09.1
N49A	Columbus Grove	104.91	52	IAMS_20	IAMS_20	11 56 40.4
Z56A	Williston	104.93	60	IAMS_20	IAMS_20	11 58 06.8
PAUL	Pauline	105.00	58	IAMS_20	IAMS_20	11 52 59.5
L48A	N Adams	105.02	51	IAMS_20	IAMS_20	11 57 53.0
J47A	Sumner	105.10	49	IAMS_20	IAMS_20	11 53 56.0
P51A	Williamsport	105.34	53	IAMS_20	IAMS_20	11 53 43.9
KM5C	Kings Mountain	105.47	58	IAMS_20	IAMS_20	11 58 01.9
U54A	Nelsons Funny	105.47	57	IAMS_20	IAMS_20	11 57 40.7
AC50	Alum Creek Sta	105.60	53	IAMS_20	IAMS_20	11 55 49.8
AAM	Ann Arbor	105.67	50	IAMS_20	IAMS_20	11 54 52.2
GLMI	Grayling	105.67	48	IAMS_20	IAMS_20	11 56 14.9
V55A	Taylorsville	105.76	57	IAMS_20	IAMS_20	11 55 26.4
M50A	Fremont	105.87	51	IAMS_20	IAMS_20	11 52 51.7
Y57A	Sumter	105.90	59	IAMS_20	IAMS_20	11 58 32.6
P52A	Cornin	106.07	53	IAMS_20	IAMS_20	11 54 16.3
N51A	Ashland	106.23	52	IAMS_20	IAMS_20	11 58 50.3
O52A	Adamsville	106.42	53	IAMS_20	IAMS_20	11 54 57.4
W57A	Gilead	106.53	58	IAMS_20	IAMS_20	11 54 28.0
K50A	Casco	106.53	50	IAMS_20	IAMS_20	11 57 57.0
U56A	King	106.54	57	IAMS_20	IAMS_20	11 55 08.1
I49A	Point Hope	106.68	49	IAMS_20	IAMS_20	11 53 16.9
BLA	Blacksburg	106.73	56	IAMS_20	IAMS_20	11 58 31.2
SAML	Samuel	106.76	107	IAMS_20	IAMS_20	11 50 56.5
SDV	Santo Domingo	106.86	87	IAMS_20	IAMS_20	11 50 44.2

O53A	New Philadelphia	106.91	53	IAMS_20	IAMS_20	11 56 59.5
M52A	Chesterland	107.13	52	IAMS_20	IAMS_20	11 59 37.1
N53A	Lisbon	107.32	53	IAMS_20	IAMS_20	11 58 15.5
V58A	Windy Hill, Pi	107.39	58	IAMS_20	IAMS_20	11 54 53.6
O54A	Avela	107.52	53	IAMS_20	IAMS_20	11 56 42.5
T57A	Hurt	107.57	57	IAMS_20	IAMS_20	11 55 51.7
Y53A	WJ Miller and	107.60	52	IAMS_20	IAMS_20	11 58 58.6
M60A	Bolivia	107.64	60	IAMS_20	IAMS_20	12 00 54.7
MCWV	Mount Chateau	107.79	54	IAMS_20	IAMS_20	11 55 51.7
N54A	Moraine State	107.99	52	IAMS_20	IAMS_20	11 57 43.0
S57A	Dark Hollow, R	108.00	56	IAMS_20	IAMS_20	11 58 53.7
ALLY	Alleghey Cole	108.04	52	IAMS_20	IAMS_20	11 53 46.2
CNNC	Cliffs of the	108.21	59	IAMS_20	IAMS_20	12 00 12.6
ERPA	Erie	108.26	51	IAMS_20	IAMS_20	11 55 42.0
M54A	Oil Creek Stat	108.36	52	IAMS_20	IAMS_20	11 58 37.6
U59A	Littleton	108.56	58	IAMS_20	IAMS_20	11 54 53.7
S58A	Poland Farm, P	108.66	56	IAMS_20	IAMS_20	11 56 15.2
V60A	Jim Taylor Rea	108.84	58	IAMS_20	IAMS_20	11 59 47.0
R58B	Mineral	108.88	56	IAMS_20	IAMS_20	11 56 22.9
T59A	Double 'B' Far	108.90	57	IAMS_20	IAMS_20	11 59 47.8
M55A	Ridgway	109.01	52	IAMS_20	IAMS_20	11 57 10.8
CBN	Corbin Frederi	109.32	56	IAMS_20	IAMS_20	11 56 36.6
WVNY	West Valley, N	109.33	51	IAMS_20	IAMS_20	11 56 24.2
M56A	Emporium	109.44	52	IAMS_20	IAMS_20	11 58 46.2
SADO	Sadow	109.44	49	IAMS_20	IAMS_20	11 56 19.9
SPSA	Standing Stone	109.47	53	IAMS_20	IAMS_20	11 56 13.2
J54A	Appleton	109.49	50	IAMS_20	IAMS_20	11 56 50.3
SDDR	Presa de Saban	109.50	77	IAMS_20	IAMS_20	11 51 46.4
T60A	Surry	109.57	57	IAMS_20	IAMS_20	12 01 27.4
MEDO	Medina	109.60	50	IAMS_20	IAMS_20	11 56 31.2
MMNY	Mt. Morris Dam	109.90	51	IAMS_20	IAMS_20	11 59 08.3
SDMD	Soldier's Deli	109.99	55	IAMS_20	IAMS_20	12 00 08.2
L56A	Greenwood	110.03	52	IAMS_20	IAMS_20	11 58 36.8
J55A	Hilton	110.07	50	IAMS_20	IAMS_20	11 56 36.8
S001	Santiago de lo	110.14	77	IAMS_20	IAMS_20	11 52 14.2
M57A	Sunshine Farm,	110.18	53	IAMS_20	IAMS_20	11 55 41.0
DELO	Deloro Mine	110.46	49	IAMS_20	IAMS_20	12 00 29.9
J56A	Wolcott	110.76	51	IAMS_20	IAMS_20	11 57 29.1
D53A	Lac Vachie, Po	110.88	46	IAMS_20	IAMS_20	11 01 25.4
N59A	State Game Lan	111.10	53	IAMS_20	IAMS_20	11 57 45.4
BNY	Binghamton	111.19	52	IAMS_20	IAMS_20	11 58 45.5
VLDQ	Val d'Or	111.22	45	IAMS_20	IAMS_20	11 58 56.3
J57A	Williamstown	111.41	51	IAMS_20	IAMS_20	11 57 49.1
K58A	Earville	111.54	51	IAMS_20	IAMS_20	11 56 50.7
L59A	Waldo	111.88	52	IAMS_20	IAMS_20	11 56 18.7
J58A	Remsen	111.91	51	IAMS_20	IAMS_20	11 58 04.4
J59A	Plesco	112.48	51	IAMS_20	IAMS_20	11 58 53.7
LONY	Lake Ozonia	112.61	49	IAMS_20	IAMS_20	12 00 01.9
NCB	Newcomb	112.77	50	IAMS_20	IAMS_20	11 59 50.1
NRIK	Norik's	112.89	338	PKIKP	PKIKP	11 17 00.3 -0.1
TRY	Troy	112.92	52	IAMS_20	IAMS_20	12 00 34.7
ZAAO	Zalesovo Arra	113.21	321	IAMS_20	IAMS_20	12 02 37.7
ZALV	Zalesovo Beam	113.21	321	PKIKP	PKIKP	11 17 00.7 -0.8
FRNY	Flat Rock	113.35	49	IAMS_20	IAMS_20	12 00 43.3
QUAZ	Belchertown	113.86	52	IAMS_20	IAMS_20	11 58 57.3
VT1	Waterbury	113.87	50	IAMS_20	IAMS_20	12 00 32.1
MKAR	Makanchi Arra	114.02	313	PKIKP	PKIKP	11 17 02.5 -0.7
HNH	Hanover	114.11	51	IAMS_20	IAMS_20	11 59 41.8
LBNH	Lisbon	114.44	50	IAMS_20	IAMS_20	12 03 44.4
HRV	Adam Dzewiosk	114.48	52	IAMS_20	IAMS_20	11 58 43.6
ALE	Alert	114.64	8	IAMS_20	IAMS_20	12 06 22.1
H62A	Milan	115.03	50	IAMS_20	IAMS_20	12 02 04.0
TULEG	Thule	115.08	14	IAMS_20	IAMS_20	12 05 09.8
G62A	West of Eustis	115.55	49	IAMS_20	IAMS_20	11 58 41.4
F62A	Pittston Farm,	116.01	49	IAMS_20	IAMS_20	12 02 19.9
WVL	Waterville	116.10	50	IAMS_20	IAMS_20	12 00 47.0
PRZ	Przheval'sk	116.28	308	IAMS_20	IAMS_20	12 03 03.1
E62A	Clayton Lake	116.38	48	IAMS_20	IAMS_20	12 02 40.3
PK3E	Peaks-Kenny Pk	116.42	49	IAMS_20	IAMS_20	12 00 11.6
F63A	Nahakataka, Br	116.59	49	IAMS_20	IAMS_20	12 01 49.1
SEUS	St. Eustatius	116.64	81	IAMS_20	IAMS_20	11 55 24.7
D62A	Altagapi, All	116.74	47	IAMS_20	IAMS_20	12 02 43.6
KURK	Kurchatov	116.77	317	PKIKP	PKIKP	11 17 08.0 -0.4
KURK	Kurchatov	116.77	317	PKIKP	PKIKP	11 17 07.5 -0.9
KURK	Kurchatov	116.77	317	PKIKP	PKIKP	11 12 06.9
SKI	Saint Kitts	116.81	81	IAMS_20	IAMS_20	11 56 54.4
F64A	Sherman	117.13	49	IAMS_20	IAMS_20	12 02 24.3
KDJ	Kajisay	117.14	307	IAMS_20	IAMS_20	12 03 11.9
PQI	Presque Isle	117.42	48	IAMS_20	IAMS_20	12 01 55.7
EMMW	East Machias	117.67	50	IAMS_20	IAMS_20	11 59 30.9
KSH	Kashi	117.77	304	PKP	PKIKP	11 17 13.0 +2.1
SCHG	Saint George	118.14	50	IAMS_20	IAMS_20	12 00 16.5
SGO	Schefferville	118.31	39	IAMS_20	IAMS_20	12 01 31.0
BATG	Bathurst New B	118.78	47	IAMS_20	IAMS_20	12 05 26.8

FRU1	Bishkek	119.08	308	IAMS_20	IAMS_20	12 09 01.2
AAK	Ala-Archa	119.17	308	ePKIKP	PKIKP	11 17 14.2 +0.6
AAK	Ala-Archa	11				

16d 11th

Table with columns for station name, frequency, power, and various status codes. Includes stations like Gaziantep, Lvov, Bozkurt, Miletisti Mici, Ruedersdorf, KWP, Katwaria Pacla, Leova, Leova, Ligaz, etc.

2014 JUL

Table with columns for station name, frequency, power, and various status codes. Includes stations like GOPC, SECR, VRAC, VRAC, VRAC, Novy Kostel, Novy Kostel, Novy Kostel, etc.

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Table with columns for station name, frequency, power, and various status codes. Includes stations like MORF, MORF, MORF, MORF, MORF, MORF, MORF, etc.

16d 11h

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Table with columns: ASAJ, Asahikawa, 6.94 347 Pn, Pn, 11 33 06.9 +2.3, THAS, comp=E, 3.0m, 0.3s, 12.2, SNR=4, 1

Table with columns: THAS, Thassos island, 1.21 287 P, S, Sn, 12 00 08.3 +0.2, comp=N, 5.0030m, 0.3s

Table with columns: KNT, comp=N, 1.7300m, 0.5s, AML, AML, 12 00 55.9, SILT, Sila, 2.74 70 Pn, Pn, 12 00 13.0 -0.1

ISK 16 11:59:28.7, 40.26N-26.25E, h12km, ML4.2/39
IDC 16 11:59:28.3, 1.0, 40.30N-26.32E, h0km, mb3.6/7,
mb1 3.8/13, mb1mx3.6/6.1, mbtmp3.7/13, ML3.8/6, Error
ellipse: s-maj=16.8km s-min=12.9km az=80.0

Table with columns: EDC, Edinick, 1.25 86 PN, Pn, 11 59 52.1 -0.5, PTL, Penteli, 2.88 221 P, Pn, 12 00 13.7 -1.3

Table with columns: SILT, Sila, 2.74 70 Pn, Pn, 12 00 13.0 -0.1, DION, Dionysos Attik, 2.82 220 P, Pn, 12 00 14.2 +0.8

DDA 16 11:59:29.0, 40.24N-26.25E, h16km, ML3.8/6, Error
ellipse: s-maj=1.9km s-min=0.6km az=62.0
ATH 16 11:59:29.1, 40.24N-26.16E, h32km, ML3.7/25, Error
ellipse: s-maj=1.9km s-min=0.6km az=62.0

Table with columns: EDRB, Edirne, 1.63 14 P, S, Sn, 11 59 57.0 -0.8, VTS, Vitoshia, 3.26 317 ePn, Pn, 12 00 20.8 +0.4

Table with columns: SILT, Sila, 2.74 70 Pn, Pn, 12 00 13.0 -0.1, DION, Dionysos Attik, 2.82 220 P, Pn, 12 00 14.2 +0.8

BEO 16 11:59:30.0, 0.9, 40.40N-26.38E, h12km, 5ML, 3.8/5
NEIC 16 11:59:30.0, 1.8, 40.26N-26.22E, 0.07, h10km, 9km,
Error ellipse: s-maj=7.5km s-min=6.5km az=61.0

Table with columns: EDRB, Edirne, 1.63 14 P, S, Sn, 11 59 57.0 -0.8, VTS, Vitoshia, 3.26 317 ePn, Pn, 12 00 20.8 +0.4

Table with columns: SILT, Sila, 2.74 70 Pn, Pn, 12 00 13.0 -0.1, DION, Dionysos Attik, 2.82 220 P, Pn, 12 00 14.2 +0.8

ISC 16 11:59:29.0, 0.8, 40.26N-26.23E, 0.01, h14km, 6km,
n271, c0887/326, mb3.8/12, 30C-10D, Turkey

Table with columns: EDRB, Edirne, 1.63 14 P, S, Sn, 11 59 57.0 -0.8, VTS, Vitoshia, 3.26 317 ePn, Pn, 12 00 20.8 +0.4

Table with columns: SILT, Sila, 2.74 70 Pn, Pn, 12 00 13.0 -0.1, DION, Dionysos Attik, 2.82 220 P, Pn, 12 00 14.2 +0.8

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

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GELI, Tayfur-Gelibol, 0.23 53 PG, ICG, 11 59 34.4 -0.1, GOKA, anakkale-Gk, 0.26 254 iP, S, 11 59 35.3 -0.6

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GOKA, comp=N, 470m, 0.2s, GOKA, comp=N, 460m, 0.3s, GOKA, comp=N, 460m, 0.3s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GADA, Gvkgada, 0.27 255 P, Pg, 11 59 35.3 +0.2, GADA, Gvkgada, 0.27 255 PG, Sg, 11 59 39.0 +0.2

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GADA, Gvkgada, 0.27 255 PG, Sg, 11 59 35.2 +0.2, GADA, Gvkgada, 0.27 255 PG, Sg, 11 59 38.0 -0.7

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GADA, Gvkgada, 0.42 74 PG, P, 11 59 38.0 -0.7, GADA, Gvkgada, 0.42 74 PG, P, 11 59 38.0 -0.7

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GADA, Gvkgada, 0.44 198 PG, Sg, 11 59 38.0 -0.3, GADA, Gvkgada, 0.44 198 PG, Sg, 11 59 44.3 +0.1

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: GADA, Gvkgada, 0.44 198 iP, P, 11 59 38.0 -0.3, GADA, Gvkgada, 0.44 198 iP, P, 11 59 44.0

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s, BOZC, comp=N, 140m, 0.4s

Table with columns: PSRA, comp=N, 68420m, 0.3s, PSRA, comp=N, 61880m, 0.3s, PSRA, comp=N, 61880m, 0.3s

Table with columns: BOSS, BOSS, 3.61 221 P, Pn, 12 01 08.1 +0.8, DID, Didyma, 3.67 250 P, Pn, 12 00 25.5 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like San Esteban, ROCI, BO01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like WAI2, HIAZ, RIGZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like H11S1, H11S2, H11N1, etc.

IDC 16 13:33:25.9,2.0,20.58Sx168.96E,h0km,mb3.0/7, mb1 4.2/8, mb1mx4.0/24, mbtmpr4.0/6, ML3.7/1, MS3.8/5, Ms1 3.8/5, ms1mx3.2/20, Error ellipse: s-maj=66.4km s-min=23.5km az=143.0

NEIC 16 13:33:28.7,1.0,20.8S,0.1x169.1E,0.1,h30km,7km, mb4.7/13, Error ellipse: s-maj=25.2km s-min=6.0km az=146.0

ISC 16 13:33:28.0,0.7,20.79S,0.008x169.16E,0.10,h25km,n40, s=176/37,mb4.1/12,MS3.6/6, Vanuatu Islands

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like GO05, GO05, BI03, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like WAI2, HIAZ, RIGZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, KOFF Korovin Flat P, KOKL Mount Ključev, etc.

IDC 16 17:44:05.0, 8.57:32N, 122:88W, h0km, mb3.7/2, mb1 3.8/9, mb1mx3.5/49, mbtmp3.5/9, ML3.7/6, Error ellipse: s-maj=11.2km s-min=7.6km az=130.0

PGC 16 17:44:06.7, 0.0, 57:27N, 122:73W, h1km, ML3.7/3, 161km Wnn of Fort St. John, Bc British Columbia, Canada

ISC 16 17:44:05.3, 0.6, 57:21N, 122:90W, 0.04, h10km, n23, a=288/40, British Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BMBC Bull Mountain, FNBB Fort Nelson, DLBC Dease Lake, etc.

KRSC 16 17:53:50.3, 2.5, 48:17N, 156:37E, h18km, 56km, ML3.7, East of Kuril Islands

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

IDC 16 17:58:22.9, 0.9, 4:18S, 151:26E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.7/30, mbtmp3.7/9, ML1.2/1, Error ellipse: s-maj=19.8km s-min=9.2km az=4.0

ISC 16 17:58:26.0, 0.8, 4:25S, 0.1, 151:4E, 0.1, h21km, n10, a=072/10, mb3.7/8, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), PMG Poti Moresby, WRA Warramunga Arr, etc.

IDC 16 18:20:37.8, 3.0, 14:62N, 92:44W, h61km, 26km, mb3.6/4, mb1 3.9/7, mb1mx3.4/20, mbtmp3.9/7, ML3.5/3, MCG3.8/1, Ms1 3.8/1, ms1mx2.7/32, Error ellipse: s-maj=50.4km s-min=18.4km az=46.0

NEIC 16 18:20:38.8, 1.8, 14:57N, 0.07:92:64W, 0.06, h66km, 4km, Error ellipse: s-maj=11.0km s-min=6.9km az=207.0

MEX 16 18:20:40.1, 0.5, 14:61N, 92:62W, h67km, 8km, MD3.9

SNET 16 18:20:41.7, 1.6, 14:97N, 92:39W, h34km, 999km, ML3.9

UCR 16 18:20:41.7, 1.5, 14:98N, 92:39W, h34km, 999km, ML3.6, mb2.4(NEIC)

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG THIG, PCIG Retalhuleu, PCIG Huehuetenango, etc.

IDC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

ISC 16 18:20:39.0, 0.9, 14:67N, 0.05:92:66W, 0.04, h68km, 7km, n50, a=156/72, Near coast of Chiapas

BUL 16 18:24:18.5, 0.0, 9:42S, 161:26E, h12km, mb5.2/60, mb4.9/62, Ms5.1/63, Ms7.4/8/60

NEIC 16 18:24:20.1, 3.1, 10:04S, 0:08, 160:87E, 0.07, h21km, 3km, mb5.2/188, Mw5.2/31, Error ellipse: s-maj=14.0km s-min=7.4km az=217.0

GCMT 16 18:24:22.0, 0.1, 10:15S, 0:01:160:77E, 0.01, h24km, Mw5.3/139, Moment Tensor Solution, s133,c225; s139,c243; Duration: 1s2 Moment tensor: Scale 1017 Nm; M1:0.02; M2:0.07; M3:0.07; M4:0.02; M5:0.02; M6:0.02; M7:0.02; M8:0.02; M9:0.02; M10:0.02; M11:0.02; M12:0.02; M13:0.02; M14:0.02; M15:0.02; M16:0.02; M17:0.02; M18:0.02; M19:0.02; M20:0.02; M21:0.02; M22:0.02; M23:0.02; M24:0.02; M25:0.02; M26:0.02; M27:0.02; M28:0.02; M29:0.02; M30:0.02; M31:0.02; M32:0.02; M33:0.02; M34:0.02; M35:0.02; M36:0.02; M37:0.02; M38:0.02; M39:0.02; M40:0.02; M41:0.02; M42:0.02; M43:0.02; M44:0.02; M45:0.02; M46:0.02; M47:0.02; M48:0.02; M49:0.02; M50:0.02; M51:0.02; M52:0.02; M53:0.02; M54:0.02; M55:0.02; M56:0.02; M57:0.02; M58:0.02; M59:0.02; M60:0.02; M61:0.02; M62:0.02; M63:0.02; M64:0.02; M65:0.02; M66:0.02; M67:0.02; M68:0.02; M69:0.02; M70:0.02; M71:0.02; M72:0.02; M73:0.02; M74:0.02; M75:0.02; M76:0.02; M77:0.02; M78:0.02; M79:0.02; M80:0.02; M81:0.02; M82:0.02; M83:0.02; M84:0.02; M85:0.02; 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16d 18h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like CD2, BTO, HIA, MA2, LZH, ULN, etc.

2014 JUL

Table with columns for station ID, name, frequency, and signal strength. Includes stations like PMR, CUT, GHO, SML, RDOG, etc.

820

Table with columns for station ID, name, frequency, and signal strength. Includes stations like M02C, I02D, PMPB, YBH, etc.

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

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

ISC 16:20:41.14.6.0.8, 21.64S.0.05.68.36W.0.08, h121km, gkm, n22, c161/36, mb3.8/4, 8C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like PB09 IPOC Station P, LVC Limon Verde, WRB2 Warramunga Arr, etc.

ISC 16:20:45:49.7.0.8, 26.189S.178.03W, h228km, gkm, mb3.8/14, mb1.4/0.15, mb1mx3.9/25, mbtmp4.1/5, Error ellipse: s-maj=17.2km s-min=10.9km az=70.0

ISC 16:20:45:50.0.1.7, 26.92S.0.07.178.1W, 0.1, h235km, gkm, mb4.6/34, Error ellipse: s-maj=19.4km s-min=6.0km az=66.0

ISC 16:20:45:51.0.5.0.2, 27.18S.0.05.178.10W, 0.09, h250km, n108, c1984/111, mb4.4/27, 2D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, WRB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like KSR5 Korea Array, KSR5 Korea Array, KSR5 Korea Array, etc.

ISC 16:20:57:15.2.0.9.9, 19N.121.74E, h0km, mb3.9/10, mb1.4/0.10, mb1mx3.8/36, mbtmp3.9/10, MSJ2.8/1, MS1.2/8.1, ms1mx3.8/36, Error ellipse: s-maj=45.5km s-min=18.5km az=64.0

MAN 16:20:57:16.5.9.28N.121.88E, h24km, MS3.4 ISC 16:20:57:14.8.2.1, 9.26N.0.05.121.92E.0.06, h1km, 13km, n23, c139/26, mb3.8/10, 2C-2D, Sulu Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like CNOP Candoni, Negro, CNOP Candoni, Negro, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like AKASG Malin Array Be, FINES FINES Array B, PLCA Paso Flores, etc.

ECX 16:20:59:02.8.0.5, 32.13N.115.20W, h7km, 4km, MD2.5, ML2.7

MEX 16:20:59:03.4.0.6, 32.18N.115.06W, h10km, MD3.6 ISC 16:20:59:01.6.1.0, 32.21N.115.03.115.23W.0.04, h11km, 10km, n14, c087/25, 6C-1D, California-Baja California border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like GUVIX Guadalupe Vict, MBIG Mexicali, MBIG Mexicali, etc.

AEIC 16:21:10.46.1.2, 51.5N.0.1.179.43E.0.06, h65km, 5km, Error ellipse: s-maj=15.9km s-min=4.9km az=184.0

NEIC 16:21:10.46.3.1.1, 51.54N.0.09.179.40E.0.06, h69km, 4km, mb4.3/21, ML3.7/26(AEIC), Error ellipse: s-maj=12.5km s-min=5.6km az=179.0

IDC 16:21:10.50.1.4, 51.82N.179.37E, h102km, 40km, mb3.5/17, mb1.3/6/19, mb1mx3.5/49, mbtmp3.8/19, Error ellipse: s-maj=25.5km s-min=13.7km az=166.0

ISC 16:21:10:46.3.0.1, 51.55N.0.09.179.41E.0.04, h71km, 6km, n82, c087/81, mb4.5/27, Rat Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARCES ARCESS Array B, KURK Kurchatov, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KK31, AAK, AAK, GEYT, MKAR, etc.

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

PAS 1621:15:43.8 1.2, 32.09N, 0.03:115:16W, 0.03, h27km, 7km, Error ellipse: s-maj=4.9km s-min=2.5km az=47.0

IDC 1622:03:18.2 1.1, 20.63S, 169.01E, h0km, mb4.0/8, m1 3.4/8, mb1mx3.9/31, mbtmp4.0/9, ML3.5/1, MS3.6/8, M1 3.6/8, m1mx3.3/29, Error ellipse: s-maj=37.9km s-min=22.7km az=139.0

IDC 1622:10:02.1 1.2, 9.56N, 83.65W, h0km, mb3.6/4, mb 1.4/0.5, mb1mx3.6/39, mbtmp3.7/5, ML3.9/1, MS3.4/5, M1 3.5/5, m1mx2.8/37, Error ellipse: s-maj=41.7km s-min=14.8km az=29.0

NEIC 1621:15:43.1 1.1, 32.09N, 0.03:115:16W, 0.04, h26km, 6km, Error ellipse: s-maj=5.0km s-min=3.4km az=22.4

NEIC 1622:03:22.6 0.6, 20.74S, 169.00E, h0km, h31km, n51, 0.679477, mb4.1/13, MS3.7/9, Loyalty Islands

INET 1622:10:02.1 1.2, 9.21N, 83.94W, h8km, ML3.5 UCR 1622:10:05.4 1.8, 9.53N, 83.75W, h7km, 2km, MD3.9

ECX 1621:15:45.1 0.8, 32.08N, 115.22W, h11km, 3km, MD2.8, ML3.0

ISC 1622:10:05.0 0.9, 9.53N, 0.03:83.73W, 0.03, h18km, 5km, n57, 0.673/68, mb3.9/6, MS3.1/3, 4C, Costa Rica

Code Station Name Azimuth Phase ID Time Res

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUVIX, MBIG, CPBX, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, STKA, STKA, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EDLM, EDDO, LCR2, etc.

IDC 1621:47:53.4 6.2, 26.21N, 69.47E, h75km, 37km, mb3.6/2, mb1 3.4/8, mb1mx3.1/51, mbtmp3.6/8, ML2.6/8, Error ellipse: s-maj=75.5km s-min=19.2km az=158.0

TEH 1622:08:19.5, 38.53N, 56.95E, h20km, ML3.7 ISC 1622:08:20.3 0.9, 38.61N, 0.06:56.98E, 0.06, h10km, n30, 0.1603/32, 2C-2D, Iran-Turkmenistan border region

WEL 1622:13:55.8 0.8, 33.54N, 17.9W, 0.10, h33km, M4.5/12, mb4.9/3, ML4.7/12, ML4.5/12, MW(mb)4.2/3, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KK31, ISFR, ISFR, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Carnagh Statio, Waipu Caves, etc.

IDC 16:22:18.12.2.0.8, 21.00N:145.83E, h0km, mb3.8/12, mb1.4/0.14, mb1mx3.9/48, mbtmp3.9/14, ML3.6/2, MS3.2/5, Ms1.3/3.5, ms1mx2.7/47, Error ellipse: s-maj=26.4km, s-min=17.6km az=80.0

NEIC 16:22:18.16.6.1.1, 21.021N:0.07:145.8E:0.1, h29km, 6km, mb4.7/21, Error ellipse: s-maj=18.5km s-min=9.3km az=70.0

ISC 16:22:18.17.3.0.7, 21.013N:0.09:145.8E:0.1, h34km, n56, o085/50, mb4.1/23, MS3.2/4, Mariana Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Matias Romero, Flores, Tegich, etc.

NEIC 16:23:16.19.5.1.5, 38.211N:0.07:140.45E:0.09, h132km, 4km, mb4.3/43, Error ellipse: s-maj=12.6km s-min=7.7km az=137.0

JMA 16:23:16.20.4.0.1, 38.18N:140.40E, h140km, 1km, M3.8, Broadband fault plane solution: P waves. NP1: o=339.00000; s82.00000; 1.77.00000. Principal axes: T P1g1.00000; Azm234.00000; N P1g13.00000; Azm340.00000; P P1g36.00000; Azm80.00000;

JMA Fellt J1. NIED 16:23:16.20.4.38.18N:140.40E, h140km, MW4.0, Moment Tensor solution. s3. Moment tensor: Scale 10^15Nm; Mn:0.37; Mm:0.14; Mpp:0.51; Mm:0.37; Mpp:0.09; Mm:1.18; Fault plane solution: M1.32000x10^15 NP1: o=344.00000; s81.00000; 1.79.00000. NP2: o=215.00000; s141.00000; 1.41.00000.

IDC 16:23:16.20.7.1.2, 38.19N:140.30E, h142km, 11km, mb3.6/15, mb1.3/8.20, mb1mx3.6/42, mbtmp4.0/20, Error ellipse: s-maj=14.6km s-min=11.7km az=106.0

ISC 16:23:16.20.1.0.5, 38.16N:0.04:140.43E:0.05, h140km, 4km, n111, o093/126, mb4.2/36, 7G-8D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Okura, Shirataka, Yonezawaaracadi, etc.

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

IGQ 16:23:19.40.8.2.1, 4.54S:7.8W, h21km, M4.6, NEIC 16:23:19.41.8.1.1, 4.02S:0.07:77.1W:0.1, h11km, 7km, mb4.2/20, Error ellipse: s-maj=17.0km s-min=10.6km az=92.0

IDC 16:23:19.41.7.2.5, 3.98S:7.77W, h112km, 25km, mb3.4/8, mb1.3/9.11, mb1mx3.7/33, mbtmp4.0/11, Error ellipse: s-maj=23.5km s-min=17.3km az=46.0

ISC 16:23:19.40.1.0.5, 4.03S:0.05:77.81W:0.07, h100km, n72, o146/73, mb4.1/13, Northern Peru

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

NEIC 16:22:54.51.4.2.1, 14.64N:0.09:92.68W:0.08, h61km, 6km, Error ellipse: s-maj=16.6km s-min=5.4km az=218.0

MEX 16:22:54.52.0.6, 14.68N:92.59W, h76km, 6km, MD3.0, GCG 16:22:54.54.3.0.5, 14.63N:92.57W, h50km, 31km, MD3.9

ISC 16:22:54.51.9.1.2, 14.70N:0.07:92.68W:0.06, h61km, 10km, n25, o113/139, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Retalhuleu, Entre ros, C, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Volcan Sangay, Arenillas, Pakayacu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, PB16, MMGC, PTGA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSSA, LSNW, CETU, AMKA, etc.

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

NEIC 16 23:30:32.0,1.5,24.114S:01:08:67.1W:0.1,h207km,11km, Error ellipse: s-maj=14.3km s-min=11.3km az=100.0

GUC 16 23:30:32.0,6.0,24.16S:07:26W,h226km,9km,ML4.1 Error ellipse: s-maj=14.3km s-min=11.3km az=100.0

ISC 16 23:30:32.0,1.0,24.15S:00:06:67.1W:0.0,0.9,h205km,14km,n46,09:57:57,5C-1D,Chile-Argentina border region

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

AEIC 16 23:36:56.8,1.7,51.8N:01:17:53E:0.09,h100km,4km, Error ellipse: s-maj=21.2km s-min=7.4km az=186.0

ISC 16 23:36:55.4,1.0,51.8N:01:17:53E:0.05,h103km,7km,n72,0:08:67/8,mb3,9/14,Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSSA, LSNW, CETU, AMKA, etc.

NED 16 23:42:49.6,37.40N,141.47E,h24km,MW3.4,Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

JMA 16 23:42:49.6,0.1,37.40N,141.47E,h24km,1km,M3.7, Near east coast of eastern Honshu

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

IDC 17 00:01:02.6±1.3,49.94S,126.56E,h0km,mb4.0/4, mb1 4.1/4,mb1mx3.8/24,mbtmp4.0/4,Error ellipse: s-maj=105.1km s-min=20.2km az=106.0,Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HDW1, HDW2, HDW3, HDW3, etc.

IDC 17 00:06:25.9,0.9,38.92N,75.74E,h0km,mb3.8/14, mb1 3.9/19,mb1mx3.7/45,mbtmp3.7/19,ML3.2/5,MS2.8/4,MS1 2.8/4,ms1mx2.5/43,Error ellipse: s-maj=18.7km s-min=17.3km az=172.0

BUI 17 00:06:27.4,0.0,39.03N:75.65E,h9km,ML3.5/4, NEIC 17 00:06:27.9,2.1,38.89N:0.08:75.0E:0.09,h10km,1km, mb4.2/17,Error ellipse: s-maj=13.8km s-min=11.0km az=146.0

SOME 17 00:06:28.1,39.10N:75.88E,h5km, NNC 17 00:06:31.8,1.0,39.19N:75.77E,h13km,6km,mb4.3, mpv4.0,Error ellipse: s-maj=6.7km s-min=5.5km az=169.0

ISC 17 00:06:28.0,5.38,90N:0.04:75.56E:0.04,h10km,n120,az=37/142,mb4.0/20,7C-2D,Southern Xinjiang

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

IDC 16 23:36:43.6,9.2,51.57N:178.55E,h0km,mb3.6/4, mb1 4.1/5,mb1mx3.6/50,mbtmp3.8/5,ML4.3/1,Error ellipse: s-maj=182.9km s-min=65.8km az=96.0

NEIC 16 23:36:55.6,1.2,51.8N:02:17:53E:0.09,h104km,4km, mb3.9/34,ML3.5/27(AEIC),Error ellipse: s-maj=26.5km s-min=7.1km az=187.0

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pointe Michel, Salisbury, Saint Lucia, A, Patience, Barre de l'île, Belmont, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YOTC, MARP, GARC, BBAC, GRIC, PACI, SAML, MATN, LPAZ, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ENTT, Nioudou, Wulai, Niungchiao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes stations like ENTT, NDT, TWE, etc.

ANF 17 04:54:27.6i:0.3, 45.46N:67.03W, h8km, 1km, ML2.7/27, Error ellipse: s-maj=2.7km s-min=1.3km az=99.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes stations like GGN, NVAR, NVAR, etc.

SVNB	Stilesville Qu	1.59	63	PN	Pn	04 54 55.5 +0.5
SVNB				SG	Sn	04 55 16.9 +1.1
SVNB				Trac	Sn	04 55 18.6
comp=Z,118nm,0.1s						
SVNB	Stilesville Qu	1.59	63	Pn	Pn	04 54 55.5 +0.5
SVNB				Sn	Sn	04 55 16.9 +1.1
PKME	Peaks-Kenny Pk	1.68	264	PN	Pn	04 54 56.5 +0.1
PKME				SN	Sb	04 55 18.5 +0.6
PKME				Trac	Sn	04 55 21.7
comp=Z,58nm,0.3s						
PKME	Peaks-Kenny Pk	1.68	264	P	Pn	04 54 56.4 +0.1
PKME				S	Sn	04 55 18.0 +0.1
comp=Z,58nm,0.3s						
PKME	Peaks-Kenny Pk	1.68	264	Pn	Pn	04 54 56.4 +0.1
PKME				SN	Sn	04 54 58.0 +0.4
comp=Z,152,SNR=61						
D63A				S	Sn	04 55 21.0 +0.6
H64A		1.83	244	P	Pn	04 54 58.4 +0.1
H64A				S	Sn	04 55 21.8 +0.2
comp=Z,23nm,0.2s						
BATG	Bathurst New B	1.91	18	PN	Pn	04 54 59.4 +0.1
BATG				SN	Sn	04 55 23.9 +0.2
BATG				Trac	Sn	04 55 28.3
comp=Z,23nm,0.2s						
BATG	Bathurst New B	1.91	18	Pn	Pn	04 54 59.4 +0.1
BATG				Sn	Sn	04 55 24.3 +0.5
BATG				PN	Pn	04 55 26.1 +0.1
BATG				SN	Sn	04 55 23.9 +0.2
BATG				Trac	Sn	04 54 59.8 +0.1
G63A	Kingsbury	1.94	261	P	Pn	04 54 59.8 +0.1
G63A				S	Sn	04 55 24.4 0.0
WVL	Waterville	2.14	246	Pn	Pn	04 54 03.5 +0.9
WVL				SN	Pn	04 55 29.9 +0.6
E62A	Clayton Lake	2.15	303	P	Pn	04 55 03.0 +0.2
E62A				S	Sn	04 55 29.7 +0.1
E62A				S	Sn	04 55 29.7 +0.1
E62A	Clayton Lake	2.15	303	Pn	Pn	04 55 02.9 +0.2
F62A	Pittsford Farm	2.18	283	Pn	Pn	04 55 04.0 +0.9
D62A	Allapont, All	2.19	318	P	Pn	04 55 03.8 +0.5
D62A				S	Sn	04 55 03.4 -0.2
D62A				S	Sn	04 55 03.9 +0.6
D62A				S	Sn	04 55 34.5 0.0
H63A	New Sharon	2.35	251	P	Pn	04 55 07.2 0.0
I64A	Boothbay	2.48	232	P	Pn	04 55 37.8 +0.1
I64A				S	Sn	04 55 37.8 +0.1
G62A	West of Eustis	2.56	266	P	Pn	04 55 08.6 +0.2
G62A				S	Sn	04 55 39.5 -0.2
G62A				S	Sn	04 55 08.4 0.0
E61A	Lac Etchemin	2.67	292	PN	Pn	04 55 10.3 +0.4
E61A				SN	Pn	04 55 42.4 -0.1
E61A				LG	Lg	04 55 50.5
E61A				Lg	Lg	04 55 10.3 +0.4
E61A	Lac Etchemin	2.67	292	Pn	Pn	04 55 10.3 +0.4
E61A				SN	Pn	04 55 42.4 -0.1
E61A				LG	Lg	04 55 50.5
E61A				Lg	Lg	04 55 13.1 +0.7
F61A	St Aubert, Com	2.85	309	P	Pn	04 55 13.1 +0.7
F61A				SN	Pn	04 55 13.7 +0.7
F61A				SN	Pn	04 55 48.5 +0.4
F61A				LG	Lg	04 55 58.8
F61A				Lg	Lg	04 55 13.5 +0.5
F61A	St Evariste	2.90	282	P	Pn	04 55 13.7 +0.7
F61A				SN	Pn	04 55 48.5 +0.4
F61A				LG	Lg	04 55 58.8
F61A				Lg	Lg	04 55 13.5 +0.5
A16	Riviere Ouelle	2.93	314	PN	Pn	04 55 13.7 +0.7
A16				SN	Pn	04 55 48.5 +0.4
A16				Trac	Sn	04 55 13.7 +0.7
comp=Z,6.8nm,0.2s						
A16	Riviere Ouelle	2.93	314	Pn	Pn	04 55 13.7 +0.7
A16				SN	Pn	04 55 48.5 +0.4
A16				Trac	Sn	04 55 13.7 +0.7
I63A	Otisfield	2.97	243	Pn	Pn	04 55 14.3 +0.3
I63A				Pn	Pn	04 55 14.3 +0.3
I63A				Pn	Pn	04 55 14.2 +0.3
I63A				Pn	Pn	04 55 16.6 +0.3
H62A	Milan	3.13	255	Pn	Pn	04 55 16.6 +0.3
D60A	Saint Jean D'O	3.13	299	P	Pn	04 55 16.8 +0.5
D60A				Pn	Pn	04 55 16.8 +0.5
G61A	St-Isidore-de-	3.25	268	P	Pn	04 55 18.3 +0.4
G61A				S	Sn	04 55 55.8 -1.0
I62A	Tamworth	3.53	245	P	Pn	04 55 22.2 +0.4
I62A				Pn	Pn	04 55 22.2 +0.4
I62A				Pn	Pn	04 55 22.1 +0.4
F60A	Warwick	3.56	280	Pn	Pn	04 55 22.4 +0.3
F60A				Pn	Pn	04 55 22.4 +0.3
H61A	Lyndonville	3.67	257	P	Pn	04 55 23.7 0.0
H61A				Pn	Pn	04 55 23.7 0.0
J63A	Stratford	3.70	235	P	Pn	04 55 23.9 -0.1
J63A				Pn	Pn	04 55 23.9 -0.1
MOQ	Mont Orford	3.76	270	PN	Pn	04 55 24.9 0.0
MOQ				SN	Sn	04 56 08.5 -1.0
MOQ				LG	Lg	04 56 24.9
MOQ				Trac	Sn	04 56 29.1
comp=Z,4.4nm,0.2s						
MOQ	Mont Orford	3.76	270	Pn	Pn	04 55 25.3 +0.3
MOQ				Pn	Pn	04 55 24.9 0.0
MOQ				SN	Sn	04 56 08.5 -1.0
MOQ				Lg	Lg	04 56 24.9
MOQ				Trac	Sn	04 55 25.2 +0.2
LBNH	Lisbon	3.77	253	Pn	Pn	04 55 25.2 +0.2
LBNH				SN	Pn	04 56 09.7 +0.2
GBN	Guysborough	3.81	89	Pn	Pn	04 55 26.6 +1.1
G60A	Masonville	3.84	266	P	Pn	04 55 26.3 +0.3
G60A				Pn	Pn	04 55 26.3 +0.3
WES	Weston	4.43	227	Pn	Pn	04 55 34.0 -0.1
HRV	Adam Dzewonski	4.47	230	Pn	Pn	04 55 35.0 +0.5
HRV				SN	Pn	04 56 27.4 +0.7
K62A	Royalston	4.74	236	Pn	Pn	04 55 38.3 -0.1
BRYW	Bryant College	4.86	225	Pn	Pn	04 55 39.7 -0.5
TRQ	Mont Tremblant	5.39	281	Pn	Pn	04 55 41.2 -0.2
NCB	Newcomb	5.42	257	Pn	Pn	04 55 47.8 +0.2
J59A	Piesco	5.78	252	Pn	Pn	04 55 51.7 -1.0

IDC 17 06:01:01.5:2.5,53.72N:90.96E, h0km, mb1 3.4/4,
 mb1mx3.2/45, mbtmp3.4/4, ML3.3/3, Error ellipse:
 s-maj=22.6km s-min=18.1km az=40.0
 NNC 17 06:01:11.3:2.2,53.725N:90.23E, h0km, mb3.8, mpv3.5,
 Error ellipse: s-maj=18.6km s-min=13.5km az=81.0,
 Suspected Mining explosion.
 ISC 17 06:01:04.4:1.6,53.7N:01.9048E:0.08, h0km, n9,
 1531/15, 6C-2D, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
I46RU	ZALESOVO INFRA	3.36	276	I	06 22 40.0	
ZAAO	Zalesovo Array	3.36	276	IPn	06 02 04.6 -0.1	
ZAAO				ILg	06 02 55.7	
ZALV	Zalesovo Beam	3.36	276	Pn	06 01 59.9 +1.8	
ZALV				Pg	06 02 05.0 +0.2	
ZALV				Sn	06 02 44.4 -1.8	
ZALV				Lg	06 02 55.5	
ZALV				Lg	06 02 55.5	
KURBB	Kurchatov Arra	7.96	252	Pn	06 03 02.0 +0.5	
KURBB				Sn	06 04 32.9 +0.6	
KURBB				Sn	06 03 02.0 +0.5	
KURBB				Lg	06 05 23.4	
KURBB				Lg	06 05 23.4	
KURBB				IPn	06 03 02.6 +1.1	
KURBB				IPn	06 03 33.7 +1.3	
KURBB				ILg	06 05 14.9	

88nm,0.9s						
MK31	Manchanchi Array	8.70	220	IPn	Pn	06 03 11.7 +0.2
MK31				ISn	Sn	06 04 47.8 -2.4
MK31				Lg	Lg	06 05 03.31
MKAR	Manchanchi Array	8.70	220	Pn	Pn	06 03 11.6 +0.2
MKAR				Sn	Sn	06 04 52.1 +1.8
MKAR				Sn	Sn	06 05 40.8
MKAR				Lg	Lg	06 05 40.8
MKAR				Lg	Lg	06 04 28.1 +3.6
SOMM	Songlin Array	11.67	114	Pg	Pn	06 02 02.5 -0.6
SOMM				Sn	Sn	06 02 02.5 -0.6
SOMM				Sn	Sn	06 02 02.5 -0.6
SOMM				Lg	Lg	06 06 55.6
BVAR	Borovoye Array	12.02	275	Pn	Pn	06 03 55.8 -1.0
BVAR				Sn	Sn	06 06 11.5 +0.1
BVAR				Sn	Sn	06 06 11.5 +0.1

IDC 17 06:09:04.8:3.1,53.60N:87.95E, h0km, mb1 3.0/2,
 mb1mx2.9/46, mbtmp3.0/2, ML2.8/2, Error ellipse:
 s-maj=28.4km s-min=16.0km az=64.0
 ISC 17 06:09:08.8:4.2,53.6N:01.880E:0.2, h35km, n6, c1548/8,
 2C-3D, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
I46RU	ZALESOVO INFRA	1.92	281	I	06 20 44.3	
ZAAO	Zalesovo Array	1.92	281	IPn	06 09 38.0 -1.0	
ZAAO				ILg	06 10 04.4 +2.6	
ZALV	Zalesovo Beam	1.92	281	Pn	06 09 38.3 -0.6	
ZALV				Lg	06 10 04.7	
ZALV				Lg	06 10 04.7	
KURBB	Kurchatov Arra	6.56	247	Pn	06 10 42.5 -0.3	
KURBB				Pn	06 10 42.2 -0.6	
KURBB				ILg	06 11 55.0 -1.4	
KURBB				Lg	06 12 31.0	
MKAR	Manchanchi Array	7.76	210	Pn	06 10 59.4 +0.2	
MKAR				Sn	06 12 26.6 +0.7	
MKAR				Lg	06 13 09.2	

KEA 17 06:11:46.8:0.0,21.50N:120.80E, h33km, mB5.1/1
 NEIC 17 06:11:50.8:1.7,22.14N:0.03:121.470E:0.009,
 h10km, 1km, mb5.1/131, ML5.1(TAP), Error ellipse:
 s-maj=5.7km s-min=2.6km az=168.0

BGR 17 06:11:51.7:0.0,21.44N:121.44E, h33km, mB5.5, Ms4.8
 MOS 17 06:11:52.9:1.0,22.15N:121.50E, h33km, mb5.3/81,
 MS4.5/25, Error ellipse: s-maj=6.0km s-min=3.7km
 az=107.3

BUJ 17 06:11:53.1:0.0,22.23N:121.40E, h19km, mB5.0/48,
 mb4.7/64, ML5.0/6, Ms4.8/77, Ms7.4/771
 ASIES 17 06:11:53.6,22.25N:121.37E, h25km, MW4.8
 NIED 17 06:11:53.4,22.41N:121.53E, h3km, MW5.1, Moment
 Tensor Solution. s3 Moment tensor: Scale 10¹⁹Nm;
 Mn-0.03; Mw2.52; Mw-2.49; Mo3.57; Mw-1.64; Mw1.57;
 Fault plane solution: M0:4.91000x10¹⁶ NP1;
 6:243.00000; 390.00000; 128.00000. NP2:
 6:53.00000; 338.00000; 1:0.00000.

JMA 17 06:11:53.4:0.4,22.41N:121.53E, h3km, 4km, M5.0
 TAP 17 06:11:54.1,22.27N:121.35E, h19km, ML5.3, C
 GCMT 17 06:11:55.8:0.2,22.22N:0.01:121.34E:0.1, h23km,
 MW5.1/114, Moment Tensor Solution. s57,c71;
 s114,c185; Duration: 0 Moment tensor: Scale 10¹⁶Nm;
 Mn:3.44±.17; Mw:1.10±.10; Mw-4.54±.12; Mw1.15±.16;
 Mw-2.37±.07; Mw-1.45±.16; Best double couple:
 M5.01200x10¹⁶ NP1:49.00000; 647.00000;
 1.135.00000. NP2:173.00000; 859.00000; 1.53.00000.

Principal axes: T:4.5110, Plg58.00000; Azm29.00000; N
 1.0020, Plg31.00000; Azm195.00000; P -5.5120,
 Plg6.00000; Azm289.00000; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 Triangular moment-rate function

IDC 17 06:11:55.9:1.4,22.21N:121.54E, h44km, 12km, mb4.5/27,
 mb1 4.6/30, mb1mx4.6/34, mbtmp4.7/30, ML3.9/3, MS4.3/32,
 Ms1 4.3/32, ms1mx4.2/39 Error ellipse: s-maj=13.7km
 s-min=10.0km az=75.0

KLM 17 06:11:58.0,22.37N:121.66E, h78km, mb5.0, Hypocentre
 not reviewed by the ISC
 ISC 17 06:11:53.6:0.5,22.18N:0.02:121.47E:0.02, h26km, 3km,
 n84.1, c157/985, mb5.1/211, MS4.5/72, 55C-29D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
LAY	Lan-yu	0.16	151	IP	06 12 00.5 +0.1	
LAY				Sb	06 12 05.1 +2.6	
TAW	Tawu	0.56	289	IP	06 12 03.0 -1.8	
TAW				Sb	06 12 09.4 -3.0	
TSEB	Hengchuen, Pin	0.59	242	IP	06 12 05.8 +0.4	

17d 6h

WNT	baz=339	i	S	Sb	06 12 47.2	-1.9
WSF	Szhu	1.85 322	i	P	06 12 23.4	-0.3
WSF	baz=321	S	S	06 12 45.9	-0.4	
CHGB	Renai	1.89 352	eP	Pn	06 12 25.0	+0.6
CHGB	baz=9.0	eS	S	06 12 48.3	+0.7	
TWD	Chiawan	1.90	4	P	06 12 23.7	-0.6
TWD	baz=357	eS	S	06 12 47.0	-0.4	
DPDB	Guoxing	1.91 345	P	Pn	06 12 25.3	+0.7
DPDB	baz=348	S	S	06 12 47.8	-0.1	
WHF	Hehuan Shan	1.97 355	P	Pn	06 12 26.4	+0.7
WHF	baz=11	S	S	06 12 48.3	-1.4	
WMLT	Mailiao	1.98 325	S	S	06 12 48.9	-0.6
WDGT	Dungji	1.99 303	i	P	06 12 24.2	-1.3
WDGT	baz=300	i	S	06 12 46.1	-3.4	
NACB	Ninganchiao	1.99	3	P	06 12 24.7	-0.8
NACB	baz=356	S	S	06 12 47.5	-2.2	
NACB	Ninganchiao	1.99	3	Pn	06 12 25.0	-0.6
WTCT	Ta-ch'eng	2.00 327	P	Pn	06 12 25.8	+0.1
WTCT	baz=327	S	S	06 12 49.4	-0.6	
ETLH	Xiulin Townshi	2.02	0	P	06 12 27.4	+1.4
ETLH	baz=5.0	S	S	06 12 49.4	-1.1	
WCHH	Zhanghua	2.07 336	P	Pn	06 12 28.0	+1.3
WCHH	baz=321	eS	S	06 12 52.1	+0.5	
TDCB	Techi	2.08 352	eP	Pn	06 12 28.5	+1.5
TDCB	baz=8.0	eS	S	06 12 51.3	-0.9	
TCU	Taichung	2.09 340	eP	Pb	06 12 28.8	-2.0
TCU	baz=342	eS	S	06 12 51.6	-0.6	
VCHM	Qimei	2.14 299	P	Pn	06 12 26.4	-1.3
VCHM	baz=295	S	S	06 12 49.7	-3.8	
WHP	Taichung City	2.15 347	P	Pn	06 12 29.3	+1.6
WHP	baz=350	S	S	06 12 54.8	+1.2	
PHUB	Peng-hu	2.20 308	P	Pn	06 12 26.6	-1.7
PNG	Penghu	2.24 308	eP	Pn	06 12 28.0	-1.0
PNG	baz=306	eS	S	06 12 52.9	-2.9	
NNSB	Datong	2.24 358	eP	Pn	06 12 29.6	+0.5
NNSB	baz=2.0	eS	S	06 12 56.2	+0.1	
NNSH	Datong	2.24 358	P	Pb	06 12 31.2	-2.2
NNSH	baz=2.0	eS	S	06 12 56.2	+0.1	
TWQ1	Liyutan	2.25 344	i	P	06 12 31.2	-2.3
TWQ1	baz=346	i	S	06 12 57.8	+1.6	
ENA	Nanau	2.25	6	P	06 12 29.6	+0.4
ENA	baz=358	S	S	06 12 55.9	-0.3	
NNS	Nan Shan	2.25 358	P	Pn	06 12 31.0	+1.7
NNS	baz=2.0	S	S	06 12 55.6	-0.7	
ENAH	Nanao	2.28	8	P	06 12 30.4	+0.8
ENAH	baz=21	P	Pb	06 12 32.1	-2.2	
WDJ	Dajia District	2.29 341	P	Pb	06 12 31.2	-2.2
WDJ	baz=342	eS	S	06 12 57.8	+0.7	
NSY	Sanyi	2.32 344	P	Pn	06 12 31.2	+1.1
NSY	baz=346	S	S	06 12 59.4	+1.6	
PTSB	Yuanli	2.37 343	P	Pn	06 12 32.3	+1.6
PTSB	baz=345	S	S	06 12 59.2	+0.2	
NDT	Datong Townshi	2.41	1	P	06 12 33.4	+2.0
NMLH	Miaoli	2.43 345	eP	Pn	06 12 33.7	+2.1
NMLH	baz=347	eS	S	06 13 02.7	+2.2	
TWC	Suao	2.45	8	P	06 12 32.9	+1.0
TWC	baz=24	S	S	06 13 00.5	-0.4	
ENTT	Nioudou	2.45	2	eP	06 12 33.5	+1.6
ENTT	baz=6.0	eP	Pb	06 12 34.8	-2.7	
NSST	Nanjuang	2.48 350	eP	Pb	06 13 02.7	+0.9
NSST	baz=336	eS	S	06 12 33.4	+1.0	
YHNB	Yeheng	2.48 358	eP	Pn	06 12 32.8	+0.4
YHNB	baz=14	Pn	Pn	06 12 34.0	+1.5	
NSK	Sanguang	2.49 358	P	Pn	06 12 33.4	+0.9
LIOB	Emei	2.49 350	P	Pn	06 13 01.6	-0.5
LIOB	baz=336	S	S	06 12 34.5	+1.4	
TWE	Neicheng	2.54	4	P	06 12 36.4	-2.9
NWL	Wulai	2.59	1	eP	06 12 34.7	+0.2
JYNG	Yonagunijimaku	2.64 31	P	Pn	06 13 03.7	-2.0
JYNG	baz=16	eS	S	06 12 36.4	+1.9	
SBCB	Hsinchu	2.64 350	eP	Pn	06 12 35.9	+0.9
YOJ	Yonaguni jima	2.68	32	P	06 13 06.3	-0.4
YOJ	baz=353	eS	S	06 12 34.8	-0.2	
YOJ	Yonaguni jima	2.68	32	P	06 12 36.9	+1.8
YOJ	Toucheng	2.69	7	eP	06 12 38.8	+2.5
NHCH	Xindian Distri	2.77	1	eP	06 12 37.4	+0.9
TATO	Taipei	2.79	0	Pn	06 12 39.4	+2.8
TWA	Mucha	2.79	2	eP	06 12 38.0	+1.3
TIPB	Shuangxi	2.80	7	eP	06 12 40.7	-3.0
TAP	Taipei	2.85	1	eP	06 12 38.3	+0.9
TAP	baz=16	S	S	06 13 10.1	-0.8	
HATJ	Hateruma jima	2.85	49	P	06 12 39.1	+1.6
HATJ	baz=16	S	S	06 12 39.4	+1.1	
TWB1	Santiao Chiao	2.86	10	eP	06 12 39.1	+1.1
NWF	Wu-fen Shan	2.89	6	eP	06 12 40.9	+2.7
WFSB	Wu-fen Shan	2.89	6	eP	06 13 14.6	+2.2
TWS1	Kuangyinshan	2.91 359	eP	Pn	06 12 41.3	+2.4
TWS1	baz=15	eS	S	06 12 39.9	+0.9	
YM01	YM01	2.96	2	eP	06 12 47.2	-1.9
YM04	YM04	2.96	1	eP	06 12 23.4	-0.3

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YM10	YM10	2.97	2	eP	Pn	06 12 40.7	+1.7
NTST	Danshui	2.97 360	eP	Pn	06 12 42.1	+3.0	
YM05	YM05	2.97	2	eP	Pn	06 12 39.9	+0.7
YM11	YM11	2.98	2	eP	Pb	06 12 42.4	-3.6
YM03	YM03	2.99	1	eP	Pn	06 12 41.0	+1.6
IRIF	Iriomote-Funau	2.99	44	P	S	06 12 40.1	+0.8
IRIF	ANP	3.00	1	eP	S	06 13 14.8	+0.5
ANP	Anpu	3.00	1	eP	S	06 12 41.5	+2.1
YM08	YM08	3.00	2	eP	Pn	06 12 41.8	+2.3
TYW	Chenhua	3.09	2	eP	Pn	06 12 43.2	+2.5
JKRS	Kuro-shima	3.11	48	P	S	06 12 42.0	+1.0
JKRS	JKRS	3.11	48	P	S	06 13 16.7	-0.6
JJ	Ishigaki jima	3.28	4	P	S	06 12 44.1	+0.7
JJ	JJ	3.28	4	P	S	06 13 20.4	-1.2
VVUC	VVUC	3.36 327	eP	Pn	06 12 43.4	-0.9	
PCYT	Pengchayiu	3.48	9	eP	Pn	06 12 48.2	+2.2
JISG	Ishigakijimahi	3.55	47	P	S	06 12 47.2	+0.2
JISG	JISG	3.55	47	P	S	06 13 27.3	-0.8
KNM	Kinmen	3.57 309	eP	Pn	06 12 48.6	+1.3	
PTMZ	Houxiangcun	3.57 323	eP	Pn	06 12 46.1	-1.1	
KNMB	Chin-men Tao	3.63 309	eP	Pn	06 12 46.8	-1.3	
KNMB	Chin-men Tao	3.63 309	eP	Pn	06 12 46.8	-1.3	
PTTC	Pingtang	3.65 335	eP	Pn	06 12 47.9	-0.6	
OZH	Quanzhou	3.81 317	i	Pn	06 12 49.1	-1.5	
OZH	comp=N,670nm,0.9s			S	06 13 30.1	-4.5	
OZH	comp=E,580nm,0.7s			Smax			
OZH	comp=N,5um,13.7s			LR	LR		
OZH	comp=E,3um,12.2s			LR	LR		
ZPLA	Ao Xicun	3.84 298	eP	Pn	06 12 50.0	-1.1	
JTJ	Tarama	3.85	50	P	S	06 12 52.1	+0.9
JTJ	JTJ	3.85	50	P	S	06 13 35.6	0.0
MATB	Ma-tsu	4.19 341	eP	Pn	06 12 55.1	-0.8	
AXDP	Jialang	4.20 311	eP	Pn	06 12 54.0	-2.0	
ZZJH	Jiuhuzhen	4.20 304	eP	Pn	06 12 54.3	-1.7	
JIRB	Irabujima	4.30	51	P	S	06 12 58.2	+0.8
JIRB	JIRB	4.30	51	P	S	06 13 46.2	+0.6
JMJJ	Miyako jima3	4.37	54	P	S	06 12 59.5	+1.3
JMJJ	JMJJ	4.37	54	P	S	06 13 48.0	-0.3
JIKM	Ikekajima	4.42	51	P	S	06 12 59.6	+0.7
JIKM	JIKM	4.42	51	P	S	06 13 49.3	-0.2
JOGS	Gusukube	4.44	54	P	S	06 13 00.5	+1.3
JOGS	JOGS	4.44	54	P	S	06 13 50.0	0.0
LYJJ	Jianjiangzhen	4.62 341	eP	Pn	06 13 01.1	-0.7	
XPSS	Dashiqi	4.87 346	eP	Pn	06 13 05.1	-0.1	
JKE	Kume jima 2	6.37	49	P	S	06 13 25.3	-0.5
JKE	JKE	6.37	49	P	S	06 14 35.9	-1.9
HKPS	Hong Kong Po S	6.79 272	P	S	06 13 31.2	-0.3	
HKPS	HKPS	6.79 272	P	S	06 14 45.8	-2.2	
JAGN	Aguni-jima	6.86	49	P	S	06 13 32.6	+0.2
JAGN	JAGN	6.86	49	P	S	06 14 48.3	-1.3
JICO	Taipa Grande	7.33 271	eP	Pn	06 13 44.0	+5.0	
JICO	JICO	7.33 271	eP	Pn	06 13 43.1	-1.4	
JOW	Kunigami	7.74 52	P	S	06 15 07.5	-3.9	
JOW	3.1nm,0.3s,baaz=72,slow=23,SNR=4.8			S			
JOW	Kunigami	7.74 52	P	S	06 13 45.9	+1.3	
JOW	JOW	7.74 52	P	S	06 15 07.2	-4.2	
JOW	Kunigami	7.74 52	P	S	06 13 43.7	-0.9	
SSE	Sheshan	8.89 358	P	S	06 14 01.8	+1.5	
SSE	SSE	8.89 358	P	S	06 15 39.6	0.0	
SSE	comp=Z,18nm,0.6s			LR	LR		
SSE	comp=N,1um,15.8s			LR	LR		
SSE	comp=E,1um,13.5s			LR	LR		
SSE	comp=Z,2um,15.5s			LR	LR		
JMZ	Minamidaito 2	9.62 66	P	S	06 14 10.7	+0.2	
JMZ	JMZ	9.62 66	P	S	06 15 48.9	-8.9	
JKDJ	Kitadaitoujima	9.73 65	P	S	06 14 09.8	-2.4	
JKDJ	JKDJ	9.73 65	P	S	06 15 51.1	-9.4	
NJ2	Nanjing	10.11 347	eP	Pn	06 14 17.0	0.0	
NJ2	NJ2	10.11 347	eP	Pn	06 16 06.9	-2.7	
NJ2	comp=Z,19nm,0.7s			LR	LR		
NJ2	comp=N,3um,10.4s			LR	LR		
NJ2	comp=E,3um,8.1s			LR	LR		
NJ2	comp=Z,5um,14.2s			LR	LR		
WHN	Wuhan	10.49 324	P	S	06 14 20.3	-2.0	
WHN	WHN	10.49 324	P	S	06 16 17.3	-1.7	
WHN	comp=N,6um,6.9s			LR	LR		
WHN	comp=E,4um,6.0s			LR	LR		
WHN	comp=Z,3um,13.4s			LR	LR		
QIZ	Qiongzong	11.33 256	P	S	06 14 32.8	-1.0	
QIZ	QIZ	11.33 256	P	S	06 16 40.6	+1.0	
QIZ	comp=Z,10.0nm,1.5s			LR	LR		
QIZ	comp=N,2um,12.5s			LR	LR		
QIZ	comp=E,3um,14.0s			LR	LR		
QIZ	comp=Z,3um,13.4s			LR	LR		
JUN	Qiongzong	11.33 256	Pn	Pn	06 14 32.3	-1.5	
JUN	Nakatsue	13.72 35	P	S	06 15 05.9	-0.6	
JUN	0.4nm,0.3s,baaz=156,slow=6.2,SNR=6.6			LR	LR		
JUN	comp=Z,7.77nm,19.1s,baaz=196,slow=42			LR	LR		
GYA	Guiyang	14.15 290	i	P	06 15 12.1	-0.4	
GYA	GYA	14.15 290	i	P	06 15 26.9	+6.4	
GYA	GYA	14.15 290	i	P	06 17 45.8	-3.0	
GYA	comp=Z,50nm,0.8s			Smax			
GYA	comp=N,1um,11.7s			LR	LR		
GYA	comp=E,4um,13.9s			LR	LR		
GYA	comp=Z,4um,14.8s			LR	LR		
TIA	Tai'an	14.49 346	P	S	06 15 20.5	-2.9	
TIA	TIA	14.49 346	P	S	06 18 05.3	+8.6	
TIA	comp=Z,44nm,1.6s			LR	LR		
TIA	comp=N,2um,13.9s			LR	LR		
TIA	comp=E,1um,9.8s			LR	LR		
TIA	comp=Z,4um,15.6s			LR	LR		
TJN	Tajon	15.05 19	i	P	06 15 27.1	-2.5	
KCP	Kidapawan	15.48 166	i	P	06 15 37.1	+2.5	
INCN	Inchon	15.89 15	P	P	06 15 35.4	-0.1	
INCN	INCN	15.89 15	P	P	06 15 35.4	-0.1	
INCN	comp=Z,155nm,1.3s		</				

UPP 17 09:00:19.3:2.8, 64.54N:30.30E, h0km, ML1.9, Suspected explosion
NAO 17 09:00:19.1:1.4, 64.81N:30.20E, ML2.3
ISC 17 09:00:17.8:1.0, 64.79N:03.30E:0.05, h0km, n37,
0163/58, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Riekki, Maaselka, Joensuu, Merijarvi, etc.

MOS 17 09:04:07.3:0.0, 41.77N:44.45E, h24km, 1km, MPVA3.6
NORS 17 09:04:07.4:0.0, 41.76N:44.46E, h8km, MPVA3.4
TIF 17 09:04:17.6:1.1, 41.75N:44.47E, h26km, 1km
ISC 17 09:04:08.3:1.0, 41.74N:44.46E:0.05, h27km, 11km,
n15, c107/30, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Delisi, Tbilisi, Botanikuri, etc.

ISC 17 09:16:43.2:3.3, 53.78N:87.85E, h0km, mb1 3.1/2,
mb1mx3.0/49, mbtmp3.1/2, ML2.6/2, Error ellipse:
s-maj=23.8km s-min=15.5km az=60.0
NNC 17 09:16:43.2:1.9, 53.57N:87.85E, h0km, mb3.2, mpv2.8,
Error ellipse: s-maj=16.4km s-min=8.8km az=53.0,
Suspected Mining explosion.

ISC 17 09:16:43.2:3.3, 53.77N:01.87E:0.2, h0km, n8, c194/12,
5C-30, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO, ZAAO, ZAAO, etc.

NEIC 17 09:21:46.0:2.5, 24.0S:0.1:174.51W:0.03, h10km, 2km,
mb4.5/6, Error ellipse: s-maj=24.6km s-min=4.9km
az=134.0

ISC 17 09:21:50.8:1.9, 23.53S:175.39W, h0km, mb3.9/9,
mb1 4.1/9, mb1mx4.0/22, mbtmp3.9/9, Error ellipse:
s-maj=75.4km s-min=24.9km az=148.0

ISC 17 09:21:50.1:0.7, 23.65S:0.1:174.81W:0.09, h10km, n23,
c243/21, mb4.0/11, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Niue, MSFV, AFI, RAR, etc.

HEL 17 09:35:08.9:0.0, 59.61N:22.38E, h0km, ML2.2,
ML2.1(UPP) Explosion
UPP 17 09:35:09.4:1.3, 59.71N:22.33E, h1km, ML2.1, Suspected
explosion

ISC 17 09:35:10.8:1.9, 59.87N:22.34E, h0km, mb1 2.9/4,
mb1mx2.8/42, mbtmp2.8/4, ML2.2/4, Error ellipse:
s-maj=28.7km s-min=6.2km az=161.0

ISC 17 09:35:27.0:2.0, 59.67N:02.22E:0.03, h0km, n43,
c150/53, Baltic States-Belarus-Northwestern Russia

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

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

ISC 17 09:35:26.9:2.3, 59.58N:22.62E, h0km, mb1 3.1/4,
mb1mx2.9/41, mbtmp3.0/4, ML2.3/4, Error ellipse:
s-maj=31.5km s-min=8.1km az=152.0

NAO 17 09:35:27.7:1.2, 59.69N:22.52E, ML2.3
UPP 17 09:35:28.2:1.8, 59.68N:22.22E, h0km, ML2.6, Suspected
explosion

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

HEL 17 09:39:25.6:0.1, 59.63N:22.36E, h0km, ML2.2, Explosion
NAO 17 09:39:25.4:1.3, 59.63N:22.51E, ML2.2
ISC 17 09:39:26.5:2.1, 59.71N:22.54E, h0km, mb1 3.0/4,
mb1mx2.9/43, mbtmp3.0/4, ML2.3/4, Error ellipse:
s-maj=29.0km s-min=6.9km az=159.0

LVSN 17 09:39:27.2:2.4, 59.64N:22.52E, h0km, 30km, ML2.1
ISC 17 09:39:24.2:0.8, 59.71N:02.24E:0.03, h0km, n28,
c146/40, Baltic States-Belarus-Northwestern Russia

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

Table with columns: WVT, Waverly, 8.08 94 P, Pn, 10 42 40.4 +0.3, etc. Lists various stations and their associated data.

IDC 17 10:46:49.0e.1.1, 36:65N:143:06E, h0km, mb3.8/8, mb1.4/0.13, mb1mx3.8/6, mbtmp4.0/13, MLS.4/4, MS3.1/7, Ms1.3/2.7, ms1mx2.8/43, Error ellipse: s-maj=24.6km s-min=19.0km az=86.0

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

Table with columns: USRK, USSuriyev Ar., 11.24 315 Pn, Pn, 10 49 34.5 +3.6, etc. Lists stations and their data.

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

BUC 17 11:03:48.9e.0.4, 44:79N:22:30E, h13km, 1km, m1.1/4, 10C-4UD, Error ellipse: s-maj=3.5km s-min=1.6km az=165.0, Romania

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

BUI 17 11:08:13.4e.0.0, 21:61S:175:55W, h106km, mb5.3/12, mb4.9/14

IDC 17 11:08:14.3e.0.6, 21:56S:176:10W, h92km, 4km, mb4.3/20, mb1.4/5.22, mb1mx4.5/34, mbtmp4.7/22, MS3.6/5, Ms1.3/6.5, ms1mx3.3/28, Error ellipse: s-maj=15.5km s-min=11.0km az=148.0

NEIC 17 11:08:15.1e.2.7, 21:64S:0:09, 175:98W:0:09, h101km, 1km, mb4.7/146, Error ellipse: s-maj=14.1km s-min=10.9km az=156.0

GCMT 17 11:08:19.0e.0.4, 21:76S:0:04, 175:75W:0:03, h138km, 4km, MW5.0/60, Moment Tensor: Scale 1014Nm, s21, c22, s60, c84, Duration: 0 Moment tensor: Scale 1014Nm, Mw: 1.78, Ms: 1.82, Mb: 1.82, Ms: 1.82, Mw: 2.32, 2.0, Mw: 1.78, Ms: 1.82, Mb: 1.82, Mw: 1.82, Ms: 1.82, Mw: 2.32, 2.0

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

Large table with columns: IARW, Norfolk Island, 16.32 240 P, P, 11 11 49.8, etc. Lists stations and their data.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like WRA, WRKA, KNRA, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like WVOR, 319A, W16A, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like ABTX, COLD, EGMT, etc.

IDC 17 11:14:48.7.3.2.32:44S-178:49W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.6/26, mbtmp3.9/3, ML3.6/1. Error ellipse: s-maj=73.5km s-min=48.1km az=121.0, South of Kermadec Islands

LON	Longmire	17.43	133	P	P	11 53 39.2	-0.3
LTY	Liberty	17.43	130	P	P	11 53 39.3	-0.2
F04D	Rainier, OR	17.58	136	P	P	11 53 40.6	-0.5
J27D		17.64	145	P	P	11 53 41.9	+0.6
J27D				S	S	11 57 09.2	+4.5
F04A	Amboy	17.91	135	P	Pn	11 53 44.5	+0.4
F04A				IAMB	IAMB	11 53 53.3	
C08A	Christman Ranch	17.94	124	P	P	11 53 45.8	+0.7
I56US	NEWPORT INFRAS.06 122			Lg	Lg	11 59 01.9	
NEW	Newport	18.06	122	P	P	11 53 46.4	0.0
NEW				L	L	11 58 56.0	
NEW				LR	LR	12 01 15.1	
NEW	Newport	18.06	122	P	Pn	11 53 46.0	+0.1
NEW				Pmax	Pmax		
NEW	Newport	18.06	122	P	P	11 53 46.6	+0.2
NEW				S	S	11 57 18.0	+4.1
NEW	Newport	18.06	122	P	Pn	11 53 46.0	+0.1
NEW				IAMB	IAMB	11 53 48.7	
G03D		18.26	138	P	P	11 53 49.3	+0.8
J19D	J19D	18.27	146	P	P	11 53 49.5	+1.3
J19D				S	S	11 57 24.4	+7.0
F05D	White Salmon	18.30	134	P	P	11 53 49.6	+0.6
F05D				S	S	11 57 21.5	+2.9
J11D	J11D	18.83	147	P	Pn	11 53 55.7	+0.8
J11D				S	S	11 57 35.9	+7.2
WALA	Waterton Lakes	18.87	115	P	P	11 53 55.2	-0.2
WALA	Waterton Lakes	18.87	115	IAMB	IAMB	11 54 09.8	
G05D	Wamic, OR	18.90	134	P	Pn	11 53 56.4	+0.2
H04D	Lebanon	19.04	138	P	Pn	11 53 58.1	+0.2
H04D				S	S	11 57 41.4	+7.8
I02D		19.05	141	P	Pn	11 53 58.5	+0.5
I02D				S	S	11 57 39.3	+5.4
BSMT	Bassoo Peak	19.38	119	P	P	11 54 01.2	+0.1
BHMT	Big Hole Peak	19.48	119	P	P	11 54 02.6	+0.5
O03D	Drain, OR	19.58	141	P	Pn	11 54 04.0	-0.3
O03D				S	S	11 57 55.5	+1.1
I05D	Terrebonne, OR	19.68	136	P	P	11 54 04.5	+0.3
I05D				S	S	11 57 54.9	+8.2
JTMT	Jette	19.68	118	P	P	11 54 04.7	+0.4
JTMT	Jette	19.68	118	IAMB	IAMB	11 54 07.9	
G36D	G36D	19.70	149	P	Pn	11 54 05.9	+0.9
G36D				S	S	11 57 51.8	+5.2
YBMT	Yellow Bay	19.71	117	P	P	11 54 05.0	+0.3
G35D	G35D	19.74	148	P	Pn	11 54 07.1	+1.2
G35D				S	S	11 57 51.6	+4.0
G29D	G29D	19.75	151	P	Pn	11 54 06.5	+0.5
G29D				S	S	11 57 56.2	+8.3
I04A	Tendick Farm,	19.80	139	P	P	11 54 06.0	+0.5
I04A				S	S	11 57 57.0	+7.4
FBMT	Ferry Basin	19.88	119	P	P	11 54 07.2	+0.7
J01E	Myrtle Point	19.88	142	P	P	11 54 07.1	+0.7
J01E				S	S	11 57 57.4	+5.8
SWMT	Swartz Lake	19.99	118	P	P	11 54 08.3	+0.7
ATKA	Atka Island	20.24	261	P	P	11 54 08.5	-1.7
ATKA				IAMB	IAMB	11 54 13.0	
ATKA				IAMS_20	IAMS_20	12 02 55.2	
J04D		20.39	139	P	P	11 54 13.1	+1.0
J04D				S	S	11 58 11.6	+7.5
K02D	Williamette Mer	20.39	142	P	P	11 54 12.8	+0.8
K02D				S	S	11 58 10.9	+7.0
G22D	G22D	20.40	152	P	Pn	11 54 13.5	+0.1
G22D				S	S	11 58 06.3	+2.9
SLMT	Seelye Lake	20.41	118	P	P	11 54 12.6	+0.3
MSO	Missoula	20.54	119	P	P	11 54 13.6	0.0
MSO				S	S	11 58 09.9	+2.4
MSO	Missoula	20.54	119	IAMS_20	IAMS_20	12 01 41.0	
J05D	Fort Rock, OR	20.64	137	P	P	11 54 15.9	+1.1
J05D				S	S	11 58 19.3	+9.2
G20D	G20D	20.66	150	P	Pn	11 54 17.3	+0.6
G20D				S	S	11 58 13.3	+3.6
CVMT	Ovando	20.77	117	P	P	11 54 16.2	+0.1
G21D	G21D	20.83	152	P	Pn	11 54 18.5	+0.1
G21D				S	S	11 58 19.3	+5.6
BPMT	Black Pine Ridge	21.05	119	P	P	11 54 19.4	0.0
K04D	Chiloquin, OR	21.06	139	P	P	11 54 20.2	+0.9
K04D				S	S	11 58 24.3	+4.3
G13D	G13D	21.07	153	P	P	11 54 21.1	+2.4
G13D				S	S	11 58 22.9	+3.4
FFC	Flin Flon	21.15	88	IAMB	IAMB	11 54 26.0	
FFC		21.15	88	IAMS_20	IAMS_20	12 02 44.7	
LYMT	Lyon Mountain	21.16	117	P	P	11 54 20.2	-0.2
L04D	Klamath Falls	21.25	140	P	P	11 54 22.0	+0.7
ELMT	Elliston	21.41	118	P	P	11 54 23.3	+0.2
EGMT	Eagleton	21.53	111	P	P	11 54 23.7	-0.6
HRY	Holter Researc	21.56	116	P	P	11 54 24.4	-0.2
YBH	Yreka Blue Hor	21.56	142	P	P	11 54 25.7	+1.1
YBH				LR	LR	12 01 50.2	
YBH	Yreka Blue Hor	21.56	142	IAMB	IAMB	11 54 35.3	
G05D7	G05D7	21.67	153	P	P	11 54 34.0	+9.0
G05D7				S	S	11 58 35.9	+2.1
RES	Resolute Bay	21.75	31	P	P	11 54 26.6	+0.3
RES				S	S	11 58 26.1	-0.9
RES				Lg	Lg	12 00 53.6	
RES				LR	LR	12 03 29.6	
RES	Resolute Bay	21.75	31	P	P	11 54 26.3	+0.1
RES				IAMS_20	IAMS_20	12 03 01.6	
M04C	Macdoe	21.79	140	P	P	11 54 28.0	+0.9
M04C				S	S	11 58 36.9	-0.7
M02C	Callahan	21.82	142	P	P	11 54 28.8	+1.3
M02C				S	S	11 58 40.1	+1.7
HBMT	Mount Humbug	21.92	119	P	P	11 54 28.8	+0.1
LRM	Limekiln Ridge	21.97	119	P	P	11 54 28.5	-0.7
N02D	Trinity Center	22.25	143	P	P	11 54 33.5	+1.4
N02D				S	S	11 58 43.9	-4.8
DLMT	Dillon	22.27	120	IAMS_20	IAMS_20	12 02 59.8	
BOZ	Bozeman (W)	22.50	118	P	P	11 54 33.8	-1.1
BOZ				S	S	11 58 45.1	+2.9
HLID	Halley	22.96	125	P	P	11 54 39.7	0.0
HLID				S	S	11 58 53.8	+3.2
HLID	Halley	22.96	125	IAMS_20	IAMS_20	12 02 36.1	
O03E	Paynes Creek	23.15	142	P	P	11 54 41.8	+0.2
O03E				S	S	11 58 56.7	+3.1
TPMT	Tepee Creek	23.17	119	P	P	11 54 43.3	+1.4
FCC	Fort Churchill	23.17	73	P	P	11 54 41.9	+0.4
FCC	Fort Churchill	23.17	73	P	P	11 54 40.8	-0.7
FCC				Pmax	Pmax		
FCC				MLR	MLR		
FCC	Fort Churchill	23.17	73	P	P	11 54 40.8	-0.7
FCC				IAMS_20	IAMS_20	12 04 00.8	
BILL	Bilibino	23.72	311	CP	CP	11 54 46.4	-0.5
BILL				ePPP	PPP	11 52 20.1	
BILL				i/S	S	11 59 01.3	-1.0
BILL				eSSS	SSS	11 59 49.5	
BILL				Pmax	Pmax		
BILL				MLR	MLR		
BILL	Bilibino	23.72	311	P	P	11 54 46.3	-0.6
BILL				IAMS_20	IAMS_20	12 03 38.0	
LKWY	Lake	23.85	118	IAMS_20	IAMS_20	12 03 41.8	
DGMT	Dagmar	23.86	103	P	P	11 54 48.3	-0.1
H17A	Grant Village	23.91	118	P	P	11 54 50.6	+1.3
RLMT	Red Lodge	23.92	115	P	P	11 54 49.3	0.0
RLMT				S	S	11 59 09.7	+3.4
LAO	LASA Array	24.15	109	P	P	11 54 51.1	-0.2
LAO				IAMS_20	IAMS_20	12 03 17.7	
ELK	Elko	25.02	130	P	P	11 55 00.0	+0.6
ELK				Lg	Lg	12 02 50.7	
ELK				LR	LR	12 04 20.1	
YERR	Yerrington	25.16	139	IAMS_20	IAMS_20	12 05 41.2	
EUNU	Eureka	25.18	19	P	P	11 55 01.1	+0.8
ILON	Igloolik, Nuna	25.45	45	P	P	11 55 03.6	+0.9
KVN	Kaiserville	25.48	137	P	Pmax	11 55 03.3	-0.3
KVN				MLR	MLR		
KVN	Kaiserville	25.48	137	P	IAMB	11 55 03.3	-0.3
KVN				IAMB	IAMB	11 55 12.5	
BW06	Boulder Array	25.66	119	P	P	11 55 05.2	+0.1
BW06				S	S	11 59 43.8	+1.0
BW06	Boulder Array	25.66	119	IAMS_20	IAMS_20	12 03 54.5	
PDAR	Pinedale Array	25.66	119	P	P	11 55 04.9	-0.3
PDAR				PcP	PcP	11 58 34.8	-0.7
PDAR				Lg	Lg	12 03 07.3	
PDAR				LR	LR	12 04 06.9	
SMY	Shemya	25.74	273	P	Pmax	11 55 03.7	-1.8
SMY				MLR	MLR		
SMY	Shemya	25.74	273	P	P	11 55 03.7	-1.8
SMY				IAMB	IAMB	11 55 36.4	
SMY				IAMS_20	IAMS_20	12 06 11.1	
HWUT	Hardware Ranch	25.76	124	IAMS_20	IAMS_20	12 05 23.1	
NVAR	Mina Array	25.97	138	P	P	11 55 08.7	+0.6
NVAR				PcP	PcP	11 58 36.1	-0.2
NVAR				LR	LR	12 05 12.8	
DUG	Dugway, Tooele	26.44	127	P	P	11 55 12.0	-0.2
DUG				S	S	11 59 52.4	+6.0
MDND	Maddock	26.52	100	P	P	11 55 12.1	-0.6
MLAC	Mammoth, Mammo	26.52	139	P	P	11 55 14.4	+1.4
ULM	Lac du Bonnet	26.78	92	P	P	11 55 14.2	-0.8
ULM				PcP	PcP	11 58 37.1	-0.5
ULM				LR	LR	12 06 13.7	
ULM	Lac du Bonnet	26.78	92	P	P	11 55 14.8	-0.1
R11A	Troy Canyon, C	27.00	133	P	P	11 55 17.5	+0.3
R11A				S	S	11 59 58.8	+3.5
RSSD	Black Hills	27.09	110	P	P	11 55 18.0	-0.1
K22A	Casper	27.09	115	P	P	11 55 17.9	-0.2
K22A				S	S	11 59 58.6	+1.9
K22A	Casper	27.09	115	IAMS_20	IAMS_20	12 06 11.5	
TIN	Tinemaha, Big	27.24	139	P	P	11 55 20.7	+1.3
VOG	Valley Oaks Go	27.55	141	P	P	11 55 22.6	+0.7
RWWY	Rawlins	27.55	118	IAMS_20	IAMS_20	12 05 49.7	
GRAC	Grapevine Range	27.58	137	P	P	11 55 23.6	+1.2
GRAC				S	S	11 59 57.5	+3.3
CWC	Cottonwood Cre	27.85	139	P	P	11 55 26.1	+1.2
CWC				S	S	11 59 58.1	+1.2
TPNV	Topopah Spring	28.01	136	P	P	11 55 26.6	+0.3
TPNV				S	S	11 59 56.7	+5.7
AGMN	Agassiz Nation	28.06	95	P	P	11 55 25.7	-0.8
AGMN				IAMS_20	IAMS_20	12 05 32.4	
YES	Vestal, Richr	28.0					

J60A	Lant Hill Farm	42.76	82	P	P	11 57 32.0	-0.5
LBNH	Lisbon	42.76	80	P	P	11 57 31.7	-0.8
X48A	Hartselle	42.80	103	P	Iamb	11 57 32.0	-0.9
342A	Flagon Creek P	42.81	110	P	P	11 57 33.9	+0.9
R54A	Victor	42.83	93	P	P	11 57 31.9	-1.3
TZTN	Tazewell	42.84	97	P	P	11 57 32.3	-1.0
TZTN	Tazewell	42.84	97	P	P	11 57 32.5	-0.6
TZTN	Tazewell	42.84	97	P	Iamb	11 57 32.5	-0.7
KSPA	Keystone Colle	42.85	86	P	P	11 57 33.0	-0.2
P56A	Dayton Farm, R	42.88	90	P	P	11 57 32.7	-0.8
E63A	Oxbow	42.88	75	P	P	11 57 31.8	-1.7
E63A	Oxbow	42.88	75	P	S	12 03 56.4	-2.1
E63A	Oxbow	42.88	75	P	Iamb	11 57 32.1	-1.4
H62A	Milan	42.90	79	P	P	11 57 32.6	-1.0
PQI	Presque Isle	42.90	75	P	P	11 57 33.2	-0.4
N58A	Sunbury	42.92	87	P	P	11 57 32.9	-0.9
N58A	Sunbury	42.92	87	P	S	12 03 57.5	-1.6
N58A	Sunbury	42.92	87	P	IAMS_20	11 57 33.2	-0.6
441A	DeRidder	42.93	112	P	P	11 57 34.4	+0.5
O57A	Ambersson	42.94	89	P	P	11 57 33.3	-0.7
O57A	Ambersson	42.94	89	P	S	12 03 58.2	-1.2
VBMS	Vicksburg	42.95	108	P	P	11 57 33.9	-0.2
VBMS	Vicksburg	42.95	108	P	P	11 57 34.1	0.0
S54A	Dingess, Beckl	42.97	94	P	P	11 57 33.1	-1.1
S54A	Dingess, Beckl	42.97	94	P	S	12 03 59.1	-0.8
S54A	Dingess, Beckl	42.97	94	P	Iamb	11 57 33.4	-0.9
S54A	Dingess, Beckl	42.97	94	P	IAMS_20	11 57 37.5	
HNH	Hanover	42.98	81	IAMS_20	IAMS_20	12 14 30.9	
K60A	Five Rivers En	42.99	83	P	P	11 57 33.1	-1.2
T53A	Wise	43.00	96	P	P	11 57 34.0	-0.6
T53A	Wise	43.00	96	P	S	12 03 59.5	-1.0
TRY	Troy	43.02	83	IAMS_20	IAMS_20	12 15 58.3	
M59A	Waymart	43.03	86	P	P	11 57 33.8	-1.0
M59A	Waymart	43.03	86	P	S	12 03 59.4	-1.4
V51A	Loudon	43.03	99	P	P	11 57 34.0	-0.7
V51A	Loudon	43.03	99	P	Iamb	11 57 38.4	
W50A	Signal Mountai	43.04	100	P	Iamb	11 57 33.7	-1.2
W50A	Signal Mountai	43.04	100	P	IAMS_20	12 15 12.8	
Q56A	Snyder Ridge,	43.06	91	P	P	11 57 34.1	-0.9
Q56A	Snyder Ridge,	43.06	91	P	IAMS_20	12 14 19.4	
F63A	Nahmakanta, Br	43.08	76	P	P	11 57 33.7	-1.3
F63A	Nahmakanta, Br	43.08	76	P	P	11 57 34.6	-0.4
HOPEN	Hopen	43.11	5 eP	P	P	11 57 35.9	+1.0
J61A	Chester	43.11	81	P	P	11 57 34.3	-1.0
E64A	Bridgewater	43.17	75	P	P	11 57 34.8	-1.0
E64A	Bridgewater	43.17	75	P	S	12 04 01.0	-1.6
R55A	Marlinton	43.18	93	P	P	11 57 35.4	-0.7
R55A	Marlinton	43.18	93	P	S	12 04 01.9	-1.2
R55A	Marlinton	43.18	93	P	Iamb	11 57 34.7	-1.3
R55A	Marlinton	43.18	93	P	Iamb	11 57 40.5	
CPCT	Cooper Cave	43.23	99	P	P	11 57 35.5	-0.9
CPCT	Cooper Cave	43.23	99	P	Iamb	11 57 39.7	
G63A	Kingsbury	43.25	77	P	P	11 57 35.3	-1.1
G63A	Kingsbury	43.25	77	P	S	12 04 03.3	-0.6
K61A	Williamstown	43.26	83	P	P	11 57 36.0	-0.6
L60A	Shokan	43.30	84	P	P	11 57 36.8	0.0
PKME	Peaks-Kenny Pk	43.30	77	P	P	11 57 36.4	-0.4
PKME	Peaks-Kenny Pk	43.30	77	P	S	12 04 06.8	+2.2
PKME	Peaks-Kenny Pk	43.30	77	P	P	11 57 35.5	-1.4
PKME	Peaks-Kenny Pk	43.30	77	P	Iamb	11 57 51.9	
P57A	Homestead Farm	43.31	90	P	P	11 57 35.9	-1.0
P57A	Homestead Farm	43.31	90	P	Iamb	11 57 36.8	-0.1
P57A	Homestead Farm	43.31	90	P	Iamb	11 57 41.4	
Z47A	Carrollton	43.32	105	P	P	11 57 36.5	-0.6
Z47A	Carrollton	43.32	105	P	IAMS_20	12 15 12.1	
I62A	Tamworth	43.32	80	P	P	11 57 36.0	-1.0
I62A	Tamworth	43.32	80	P	S	12 04 09.6	+4.7
F64A	Sherman	43.32	76	P	P	11 57 37.0	-0.1
F64A	Sherman	43.32	76	P	Iamb	11 57 51.9	
N59A	State Game Lan	43.33	86	P	P	11 57 36.0	-1.2
N59A	State Game Lan	43.33	86	P	S	12 04 03.4	-1.8
N59A	State Game Lan	43.33	86	P	P	11 57 36.9	-0.3
O58A	Lewisberry	43.36	88	P	P	11 57 36.8	-0.6
O58A	Lewisberry	43.36	88	P	S	12 04 03.4	-2.1
V52A	Serviville	43.37	98	P	P	11 57 37.1	-0.5
H63A	New Sharon	43.38	78	P	P	11 57 36.8	-0.6
PAGS	Pennsylvania G	43.38	88	IAMS_20	IAMS_20	12 14 15.9	
S55A	Lewisburg	43.39	93	P	P	11 57 36.7	-1.0
S55A	Lewisburg	43.39	93	P	S	12 04 04.9	-1.2
BATG	Bathurst New B	43.40	73	P	P	11 57 37.1	-0.5
T54A	Tazewell	43.41	95	P	P	11 57 37.1	-0.8
T54A	Tazewell	43.41	95	P	S	12 04 05.9	-0.6
FPAL	Fort Payne	43.42	101	P	Iamb	11 57 36.6	-1.3
FPAL	Fort Payne	43.42	101	P	Iamb	11 57 41.3	
FPAL	Fort Payne	43.42	101	P	IAMS_20	12 16 23.9	
TKL	Tuckaleechee C	43.43	98	P	P	11 57 37.5	-0.5
TKL	Tuckaleechee C	43.43	98	P	P	11 57 37.5	-0.5
TKL	Tuckaleechee C	43.43	98	P	MLR	11 57 37.5	-0.5

TKL	Tuckaleechee C	43.43	98	P	P	11 57 37.5	-0.5
R56A	Bull Pasture M	43.44	92	P	P	11 57 37.1	-1.0
R56A	Bull Pasture M	43.44	92	P	S	12 04 05.0	-1.9
Q57A	Strasburg	43.45	90	P	P	11 57 36.6	-1.5
Q57A	Strasburg	43.45	90	P	S	12 04 06.3	-0.6
L61A	Hillsdale 1, H	43.47	83	P	P	11 57 37.3	-0.9
L61A	Hillsdale 1, H	43.47	83	P	S	12 04 09.9	+2.7
344A	Westbrook Farm	43.49	109	P	P	11 57 38.7	+0.2
KVTX	Kingsville	43.56	119	P	P	11 57 37.3	-1.7
KVTX	Kingsville	43.56	119	P	IAMS_20	12 14 20.5	
I63A	Otisfield	43.56	79	P	P	11 57 38.5	-0.4
I63A	Otisfield	43.56	79	P	P	11 57 37.1	-1.8
J62A	Henniker	43.56	81	P	P	11 57 38.6	-0.3
G64A	Maxfield	43.57	77	P	P	11 57 38.1	-0.9
Y49A	Blount Mountai	43.58	102	P	P	11 57 37.5	-1.7
Y49A	Blount Mountai	43.58	102	P	Iamb	11 57 42.7	
O59A	Robesonia	43.59	87	S	S	12 04 09.4	+0.5
M60A	Port Jervis	43.59	85	P	P	11 57 38.1	-1.2
M60A	Port Jervis	43.59	85	P	S	12 04 08.9	-0.1
KUR	Kuril'sk	43.60	283c	P	P	11 57 38.6	-0.6
KUR	Kuril'sk	43.60	283c	P	eS	11 59 17.1	
KUR	Kuril'sk	43.60	283c	P	S	12 04 06.5	-2.5
KUR	Kuril'sk	43.60	283c	P	pmax		
KUR	Kuril'sk	43.60	283c	P	pmax		
KUR	Kuril'sk	43.60	283c	P	pmax		
KUR	Kuril'sk	43.60	283c	P	MLR		
KUR	Kuril'sk	43.60	283c	P	MLR		
KUR	Kuril'sk	43.60	283c	P	MLR		
P58A	Pank, Wackersv	43.66	89	P	P	11 57 38.4	-1.4
P58A	Pank, Wackersv	43.66	89	P	S	12 04 10.0	+0.1
N60A	Cedar Hill Far	43.70	86	P	P	11 57 39.2	-0.9
N60A	Cedar Hill Far	43.70	86	P	S	12 04 10.8	+0.3
U54A	Nelsons Funny	43.71	96	P	P	11 57 39.9	-0.5
U54A	Nelsons Funny	43.71	96	P	S	12 04 10.2	-0.8
U54A	Nelsons Funny	43.71	96	P	P	11 57 39.5	-0.8
U54A	Nelsons Funny	43.71	96	P	IAMS_20	12 16 33.6	
L61B	Northampton	43.72	82	P	P	11 57 38.4	-1.8
L61B	Northampton	43.72	82	P	S	12 04 11.0	+0.4
MVL	Millersville	43.74	88	IAMS_20	IAMS_20	12 14 27.4	
T55A	Pulaski	43.76	94	P	P	11 57 39.9	-0.8
K62A	Royalston	43.77	82	P	P	11 57 39.9	-0.8
ODNJ	Ogdensburg	43.79	85	IAMS_20	IAMS_20	12 14 22.3	
H64A	Troy	43.79	78	P	P	11 57 39.9	-0.9
H64A	Troy	43.79	78	P	S	12 04 13.6	+1.9
W52A	Murphy	43.80	99	P	Iamb	11 57 40.8	-0.2
W52A	Murphy	43.80	99	P	Iamb	11 57 44.7	
KSCT	Kent School, K	43.86	84	IAMS_20	IAMS_20	12 14 48.5	
BLA	Blacksburg	43.87	94	P	pmax	11 57 40.6	-0.9
BLA	Blacksburg	43.87	94	P	pmax		
BLA	Blacksburg	43.87	94	P	MLR		
BLA	Blacksburg	43.87	94	P	MLR		
BLA	Blacksburg	43.87	94	P	S	12 04 12.6	-0.5
BLA	Blacksburg	43.87	94	P	Iamb	11 57 40.6	-0.9
BLA	Blacksburg	43.87	94	P	Iamb	11 57 45.0	
J63A	Strafford	43.89	80	P	P	11 57 40.4	-1.1
J63A	Strafford	43.89	80	P	S	12 04 18.8	+5.7
Q58A	Fox Den Farm,	43.89	90	P	P	11 57 40.8	-0.8
Q58A	Fox Den Farm,	43.89	90	P	S	12 04 13.2	-0.1
S56A	Natural Bridge	43.93	93	P	P	11 57 41.1	-0.9
SDMD	Soldier's Deli	43.95	89	IAMS_20	IAMS_20	12 16 21.8	
R57A	Stanardsville	43.97	91	P	P	11 57 41.7	-0.6
O60A	Telford	43.97	87	P	P	11 57 41.4	-0.8
O60A	Telford	43.97	87	P	S	12 04 14.0	-0.4
LRAL	Lakeview Retre	43.97	104	P	P	11 57 41.7	-0.7
LRAL	Lakeview Retre	43.97	104	P	S	12 04 13.6	-1.0
P59A	Jarrettsville	44.00	88	P	P	11 57 41.8	-0.7
QUA2	Belertown	44.00	82	IAMS_20	IAMS_20	12 16 28.3	
M61A	Granite Spring	44.03	84	P	P	11 57 41.6	-1.1
L62A	Suffield	44.03	83	P	P	11 57 41.0	-1.8
K63A	Dunstable	44.10	81	P	P	11 57 41.6	-1.7
K63A	Dunstable	44.10	81	P	S	12 04 14.7	-1.6
BRNJ	Basking Ridge	44.11	86	P	P	11 57 43.9	+0.5
BRNJ	Basking Ridge	44.11	86	P	IAMS_20	12 14 32.1	
U55A	TA2, Sparta	44.11	95	P	P	11 57 42.9	-0.7
I64A	Boothbay	44.12	79	P	P	11 57 42.2	-1.2
I64A	Boothbay	44.12	79	P	S	12 04 20.4	+3.9
S57A	Dark Hollow, R	44.17	92	P	P	11 57 43.4	-0.5
S57A	Dark Hollow, R	44.17	92	P	IAMS_20	12 15 07.6	
G65A	Princeton	44.19	76	P	P	11 57 42.6	-1.3
N61A	South Mountain	44.19	85	P	P	11 57 43.4	-0.6
PAL	Palisades	44.19	85	P	P	11 57 42.7	-1.4
PAL	Palisades	44.19	85	P	IAMS_20	12 16 38.3	
T56A	Rocky Mt	44.20	94	P	P	11 57 43.1	-1.1
H65A	Eastbrook	44.22	77	P	P	11 57 43.3	-1.0
R58A	Rapidan	44.22	91	P	P	11 57 43.6	-0.7
R58A	Rapidan	44.					

BRG	comp=Z,6um,21.7s	67.25	17	iP	P	12 00 29.4	0.0
BRG	comp=Z,20nm,1.2s					12 00 34.3	
BRG	comp=Z,117nm,1.6s					12 00 34.3	
BRG	comp=Z,16nm,1.6s					12 00 34.3	
BRG	comp=N,4um,25.7s					12 00 34.3	
BRG	comp=E,4um,26.2s					12 00 34.3	
BRG	comp=Z,5um,28.9s					12 00 34.3	
BRG	comp=N,88nm,18.9s					12 00 34.3	
BRG	comp=E,138nm,21.0s					12 00 34.3	
BRG	comp=Z,260nm,15.5s					12 00 34.3	
BRG	Berggiesshubel	67.25	17	iP	P	12 00 29.4	0.0
PLN	comp=Z,116nm,1.6s,baz=346,slo=6.3	67.35	19	eP	P	12 00 30.0	0.0
PLN	Plauen	67.35	19	eP	P	12 00 30.0	0.0
LPSR	comp=Z,65nm,1.4s,baz=346,slo=6.3	67.43	0	eS	P	12 00 30.2	-0.3
LPSR	Galich'ya Gora	67.43	0	eS	P	12 00 30.2	-0.3
LPSR	comp=Z,140nm,1.0s					12 00 27.8	+1.2
LPSR	comp=E,2um,7.0s						
LPSR	comp=Z,5um,19.0s						
SSE	Sheshan	67.45	293	P	S	12 00 31.8	+0.9
SSE						12 00 28.3	+0.8
SSE	comp=Z,55nm,1.5s						
SSE	comp=Z,520nm,5.1s						
SSE	comp=Z,2um,16.6s						
SSE	Sheshan	67.45	293	IAMS_20	IAMS_20	12 29 04.3	
TANN	comp=Z,7um,21.0s						
TANN	Tannenbergha	67.47	18	eP	P	12 00 30.9	+0.1
GUNZ	comp=Z,81nm,1.8s,baz=346,slo=6.3	67.50	19	eP	P	12 00 31.1	+0.1
GUNZ	Gunzen	67.50	19	eP	P	12 00 31.1	+0.1
WERN	comp=Z,68nm,1.3s,baz=346,slo=6.3	67.61	16	eP	P	12 00 33.4	+1.8
WERN	Wernitzgruen	67.61	16	eP	P	12 00 33.4	+1.8
KSP	comp=Z,4um,24.9s					12 09 35.1	+6.3
KSP	Ksp					12 26 50.9	
NKC	Novy Kostel	67.64	18	eP	P	12 00 32.3	+0.4
NKC						12 00 37.2	+3.1
NKC						12 09 36.2	+6.9
NKC						12 33 00.0	
NKC	Novy Kostel	67.64	18	eP	P	12 00 32.3	+0.4
NKC						12 00 37.2	+3.1
NKC						12 09 36.2	+6.9
NKC						12 33 00.0	
PVCC	Panska Ves	67.67	17	eP	P	12 00 34.3	+2.2
PVCC						12 09 36.3	+6.7
PVCC						12 32 20.0	
PVCC	comp=Z,5um,16.8s						
PVCC	Panska Ves	67.67	17	eP	P	12 00 34.3	+2.2
PVCC						12 09 36.3	+6.7
NJ2	comp=Z,5um,16.8s						
NJ2	Nanjing	67.70	296	iP	PP	12 00 32.5	0.0
NJ2						12 03 02.5	+1.3
NJ2						12 09 32.8	+2.4
NJ2						12 13 45.3	-5.3
NJ2	comp=Z,140nm,1.3s						
NJ2	comp=Z,1um,3.5s						
NJ2	comp=Z,7um,18.9s						
NJ2	comp=Z,8um,19.9s						
NJ2	comp=Z,1um,20.8s						
JOW	Kunigami	67.71	285	P	IAMB	12 00 32.2	-0.5
JOW						12 00 34.4	
MK31	Makanchi Array	67.73	330	iP	P	12 00 31.4	-1.1
MKAR	Makanchi Array	67.73	330	P	P	12 00 31.4	-1.2
MKAR	comp=Z,11nm,0.9s,baz=35,slo=5.4,SNR=39					12 28 53.3	
MKAR	comp=Z,1.8nm,1.1s,baz=238,slo=2.3,SNR=9.1					12 33 29.7	
BCIP	comp=Z,9um,19.5s,baz=9.0,slo=39	67.75	112	eP	IAMS_20	12 00 31.7	-1.3
BCIP	Isia Barro Col	67.75	112	eP	IAMS_20	12 30 57.4	
MAKZ	Makanchi	67.80	330	P	IAMB	12 00 31.7	-1.2
MAKZ	Makanchi	67.80	330	P	IAMB	12 00 56.5	
MAKZ	comp=Z,66nm,1.2s					12 33 21.9	
CHVC	Chvalec	67.83	16	eP	P	12 00 33.3	+0.2
CHVC						12 29 10.0	
MANZ	Manzenberg	67.83	19	eP	P	12 00 33.0	-0.1
MANZ	comp=Z,54nm,1.6s,baz=346,slo=6.3					12 30 25.9	
CLF	Chambon-Foret	67.84	26	IAMS_20	IAMS_20	12 30 25.9	
OSTO	Ostias	67.88	16	eP	P	12 00 34.3	+0.9
OSTO						12 00 38.5	+2.9
OSTO						12 09 36.7	+4.5
OSTO						12 33 20.0	
UPC	Udice	67.90	16	eP	P	12 00 34.2	+0.7
UPC						12 09 36.8	+4.4
UPC						12 29 10.0	
UPC	Udice	67.90	16	eP	P	12 00 34.2	+0.7
UPC						12 09 36.8	+4.4
UPC							
GRF	Grafenberg Arr	67.97	19	eP	P	12 00 34.4	+0.7
GRF	comp=Z,146nm,1.8s,baz=346,slo=6.3					12 31 12.7	
ROTZ	Rotzenmuhle	68.06	19	eP	P	12 00 34.8	+0.3
UPA	Univ. de Panam	68.06	111	eP	P	12 00 31.9	-2.9
DPC	Dobruska-Polom	68.09	16	eP	P	12 00 35.1	+0.3
DPC						12 00 40.3	+3.4
DPC						12 09 39.7	+4.9
DPC						12 32 30.0	
DPC	Dobruska-Polom	68.09	16	eP	P	12 00 35.1	+0.3
DPC						12 00 40.3	+3.4
DPC						12 09 39.7	+4.9
PRA	Prague	68.10	17	eP	P	12 00 34.4	-0.4
PRA						12 29 50.0	
PRA	Prague	68.10	17	eP	P	12 00 34.4	-0.4
PRA							
PRU	Pruhonice	68.20	17	eP	P	12 00 34.8	-0.6
PRU						12 09 39.6	+3.7
PRU						12 29 40.0	
PRU	Pruhonice	68.20	17	eP	P	12 00 34.8	-0.6
PRU						12 09 39.6	+3.7
PRU							
PRU	comp=Z,5um,19.5s						
PRU	Pruhonice	68.20	17	eP	P	12 00 34.8	-0.6
PRU						12 09 39.6	+3.7
PRU							
PRU	comp=Z,5um,19.5s						

PRU	comp=Z,300nm,21.2s						
SMRT	St. Maarten	68.23	92	IAMS_20	IAMS_20	12 29 56.0	
GOPC	GO Pecny, Ondr	68.31	17	eP	P	12 00 36.7	+0.6
GOPC	GO Pecny, Ondr	68.31	17	eP	P	12 00 36.7	+0.6
VORR	Voronezh	68.36	0	P	P	12 00 34.0	-2.4
VORR							
PBBC	comp=Z,250nm,1.6s						
KRLC	Kraliky	68.41	18	eP	P	12 00 37.0	+0.3
KRLC						12 00 36.4	-0.5
KRLC						12 00 41.9	+2.9
KRLC						12 09 44.0	+5.3
KRLC						12 32 40.0	
KRLC	comp=Z,5um,15.9s						
KRLC	Kraliky	68.43	16	eP	P	12 00 36.4	-0.5
KRLC						12 00 41.9	
KRLC						12 09 44.0	+5.3
SABA	Saba	68.51	92	IAMS_20	IAMS_20	12 27 59.5	
OTUK	Ortavy	68.57	337	P	P	12 00 36.8	-1.0
AKTO	Aktjubinsk	68.60	347	P	P	12 00 37.5	-0.4
AKTO	comp=Z,51nm,0.9s,baz=8.9,slo=5.2,SNR=86					12 28 50.4	-1.0
AKTO	comp=Z,1.1nm,0.7s,baz=270,slo=2.6,SNR=6					12 31 16.0	
AKTO							
AKTO	comp=Z,3um,21.7s,baz=19,slo=36						
AKTO	AKTO	68.60	347	P	P	12 00 36.8	-1.1
AKTO	SMRC	68.60	105	eP	P	12 00 36.9	-1.8
AKTO	OJC	68.66	13	eP	P	12 00 38.7	+0.5
AKTO	OJC	68.66	13	eP	P	12 09 46.2	+4.7
AKTO	OJC	68.66	13	eP	P	12 27 57.1	
ECH	Echery	68.66	23	P	P	12 00 38.0	-0.3
ECH							
ECH	comp=Z,76nm,1.4s						
ECH	Echery	68.66	23	P	P	12 00 38.0	-0.3
ECH						12 00 44.3	
SEUS	comp=Z,76nm,1.4s						
SEUS	St. Eustatius	68.75	92	IAMS_20	IAMS_20	12 29 39.8	
WET	Wetzeltz	68.77	18	eP	P	12 00 39.4	+0.4
BFO	Black Forest	68.78	22	eP	P	12 00 39.0	0.0
BFO	comp=Z,160nm,1.8s,baz=346,slo=6.3						
BFO	Black Forest	68.78	22	IAMS_20	IAMS_20	12 30 09.7	
TARA	Tarawa	68.78	231	IAMS_20	IAMS_20	12 25 33.6	
MORC	Moravsky Berou	68.82	15	iP	P	12 00 39.9	+0.6
MORC	Moravsky Berou	68.82	15	eP	P	12 00 39.1	-0.2
VRH	Novokhopovorsk	68.82	359	eP	P	12 00 38.2	-1.0
VRH						12 09 43.0	-0.2
VRH	comp=Z,160nm,1.3s						
VSR	Storozhevo	68.82	0	eP	P	12 00 38.5	-0.7
VSR						12 09 37.8	-5.4
VSR	comp=Z,60nm,0.8s						
VSR							
OKC	Ostrava-Krasne	68.84	15	AMS	AMS	12 32 30.0	
KHC	Kasperske Hory	68.89	18	eP	P	12 00 40.4	+0.6
KHC						12 00 45.0	+3.1
KHC						12 09 50.4	+6.1
KHC						12 33 40.0	
KHC	Kasperske Hory	68.89	18	eP	P	12 00 40.4	+0.6
KHC						12 00 45.0	+3.1
KHC						12 09 50.4	+6.1
KHC						12 33 40.0	
TAOE	Nuku Hiva Isla	68.95	180	eP	P	12 00 39.9	-0.6
TAOE	comp=Z,400nm,1.4s						

Table with columns for station name, frequency, power, and other technical details. Includes stations like WHN, UREC, ARSA, ABTA, PCAB, BTLS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVB, NORC, PMAFR, FRUI, GUYZ, ENH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHIC, HAPS, PTEO, TOPG, CHM, PRAC, etc.

17d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like TOC2, TOA0, TORD, etc., with their respective coordinates and data.

2014 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCA, PCA, TABL, etc., with their respective coordinates and data.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AKKB, VRAC, DAVOX, etc., with their respective coordinates and data.

AEIC 17 11:53:01.0, 3.0, 60.37N, 0.05:140.33W, 0.06, h12km, 4km, ML4.9, mb4.8/(NEIC), Error ellipse: s-maj=7.0km

s-min=4.1km az=168.0 NEIC 17 11:53:01.7, 1.9, 60.36N, 0.04:140.37W, 0.07, h12km, 5km, Error ellipse: s-maj=6.5km s-min=5.2km az=192.0

JMA 17 12:00:51.1, 1.0, 1.24, 49N, 122.57E, h105km, 1km, M2.3 TA 17 12:00:51.3, 2.4, 56N, 122.59E, h96km, ML2.9, D ISC 17 12:00:51.5, 1.7, 24.59N, 0.06:122.57E, 0.03, h100km, 1km, n48, 08:44:00, Taiwan region

17d 13h

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

NIC 17 12:22:27.9.0.0, 35.24Nk.32.23E, h22km, M1.3/3/5
ISK 17 12:22:28.2, 35.29N.32.32E, h7km, ML2.9/11
DDA 17 12:22:29.1, 35.33N.32.38E, h5km, 1km, MW3.0

Main table for station data, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like AKMS, ALFC, CSS, ASGA, AKIN, etc.

2014 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GADA, BOZC, LPK, etc.

HEL 17 12:39:24.4+0.3, 60.93Nk.29.22E, h0km, ML1.1, Explosion
UPP 17 12:39:37.1+2.7, 61.23Nk.27.36E, h0km, ML2.6, Suspected explosion

Main table for station data, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like VJF, FIAO, PVA, etc.

IDC 17 13:02:59.3+1.7, 33.61Nk.141.71E, h0km, mb3.5/4,
mb1 3.6/6, mb1mx3.4/50, mbtmp3.6/6, ML3.1/2, Error ellipse: s-maj=34.2km s-min=19.8km az=61.0

JMA 17 13:03:04.0+0.3, 33.71Nk.141.58E, h48km, M3.1
ISC 17 13:03:03.6+1.2, 33.61Nk.141.71E, h0km, n17, +170.23, mb3.6/4, Off east coast of Honshu

Main table for station data, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like BSO1, BSO3, JHU2, etc.

IDC 17 13:03:04.9+0.8, 36.58Nk.71.95E, h0km, mb3.9/13,
mb1 4.0/18, mb1mx3.8/50, mbtmp3.9/18, ML3.9/4, Error ellipse: s-maj=18.7km s-min=14.8km az=34.0

NNC 17 13:03:10.6+4.5, 36.71Nk.71.51E, h13km, 55km, mb4.4,
mpv4.1, Error ellipse: s-maj=53.9km s-min=14.9km az=152.0

NEIC 17 13:03:13.5+2.9, 36.75Nk.0.771E, h0km, 11km,
mb4.2/10, Error ellipse: s-maj=13.4km s-min=9.6km az=76.0

ISC 17 13:03:14.9+0.5, 36.71Nk.0.771E, h100km, n71,
+2564.72, mb3.8/15, 4C-5D, Afghanistan-Tajikistan border region

Main table for station data, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GAR, CEP, CHGR, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KK31, KKAR, KKAR, etc.

comp=E,15nm,0.6s,baz=180,slow=21,SNR=4.9
comp=N,1.78nm,1.5s

Main table for station data, including columns for Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GEYT, GEYT, GYA0B, etc.

NJ2	comp=Z,530nm,17.0s	LR	LR						
SISI	comp=Z,980nm,18.9s	LR	LR						
SISI	Saiba 41.10 272 P P			14 03 34.8 +0.9					
RPSI	comp=Z,71nm,1.3s	P	P						
RPSI	Rantau Prapat 41.70 278 P P			14 03 39.2 +0.4					
RPSI	Rantau Prapat 41.70 278 P P			14 03 39.0 +0.1					
RPSI	Prapat 41.72 278 P P			14 03 39.0 -0.2					
PSI	comp=Z,152nm,0.8s,baz=179,slow=1.5,SNR=96	P	P						
PSI	Prapat 41.72 278 P P			14 03 39.0 -0.2					
KSAR	comp=Z,259nm,0.9s	P	P						
KSAR	Wonju Array Be 42.47 345 P P			14 03 44.6 -0.1					
KSAR	Wonju Array Be 42.47 345 P P			14 03 44.6 -0.1					
KSR5	Korea Array 42.47 346 P P			14 03 45.5 +0.8					
KSR5	comp=Z,2.5nm,0.6s,baz=159,slow=9.0,SNR=18	P	P						
KSR5	PcP	P	P						
KSR5	comp=Z,6.2nm,1.0s,baz=167,slow=4.8,SNR=8.9	LR	LR						
KSR5	LR	LR	LR	14 19 57.6					
KSI	Gunungstoli 42.86 276 P P			14 03 47.8 -0.5					
KSI	Gunungstoli 42.86 276 P P			14 03 47.7 -0.5					
KCSI	Kotaacae, Aceh 42.97 279 P P			14 03 48.3 -0.9					
TPTI	comp=Z,17umcomp=Z,173nm,1.2s	P	P						
TPTI	43.51 279 P P			14 03 53.7 +0.2					
PBK7	comp=Z,352nmcomp=Z,36nm,1.2s	P	P						
LHMI	Sadao Pong 43.65 299 P P			14 03 54.1 -0.4					
LHMI	Lhok Sumawe 44.07 281 P P			14 03 59.4 +1.4					
OZU	comp=Z,286nm,1.1s	P	P						
OZU	Omahuta 44.07 140 P IAMB			14 03 58.9 +1.2					
OZU	IAMB	IAMB	IAMB	14 04 01.0					
GYA	comp=Z,31nm,0.8s	eP	eP						
GYA	Guiyang 44.13 315 P P			14 03 59.0 +0.6					
MLS1	comp=Z,15nm,1.6s	P	P						
MLS1	Meulaboh, Aceh 44.44 280 P P			14 04 00.3 -0.6					
DL2	comp=Z,4umcomp=Z,430nm,1.0s	P	P						
DL2	Dalian 45.70 340 P S			14 04 11.3 +0.8					
DL2	S	S	S	14 10 55.8 +6.1					
DL2	comp=Z,22nm,0.8s	P	P						
DL2	comp=Z,370nm,6.9s	P	P						
DL2	comp=Z,250nm,17.8s	LR	LR						
DL2	comp=Z,350nm,20.0s	LR	LR						
DL2	comp=Z,580nm,21.8s	LR	LR						
CMAR	Chiang Mai Arr 46.18 300 P P			14 04 14.9 +0.2					
CMAR	comp=Z,12nm,0.9s,baz=122,slow=6.0,SNR=54	LR	LR						
CMAR	comp=Z,392nm,21.0s,baz=182,slow=35	LR	LR	14 22 45.8					
KMI	Kunming 46.25 310 P P			14 04 16.5 +1.1					
KMI	comp=Z,27nm,1.0s	sP	sP						
KMI	sP	sP	sP	14 04 35.8 -0.9					
KMI	comp=Z,330nm,5.8s	P	P						
KMI	comp=Z,370nm,12.4s	LR	LR						
KMI	comp=Z,510nm,13.0s	LR	LR						
KMI	comp=Z,850nm,24.0s	LR	LR						
ASAJ	Asahikawa 47.62 2 P P			14 04 25.6 +0.1					
XAN	comp=Z,6.1nm,0.7s,baz=240,slow=15,SNR=12	P	P						
XAN	Xi'an 47.70 324 P P			14 04 25.9 -0.5					
XAN	P	P	P	14 04 40.6 -0.6					
XAN	P	P	P	14 04 47.3 -0.4					
XAN	P	P	P	14 06 20.5 +1.9					
XAN	comp=Z,26nm,1.4s	P	P						
XAN	comp=Z,140nm,3.7s	P	P						
XAN	comp=Z,540nm,21.7s	LR	LR						
XAN	comp=Z,450nm,23.9s	LR	LR						
XAN	comp=Z,910nm,26.0s	LR	LR						
DCZ	Deep Cove 47.85 154 P P			14 04 28.5 +1.2					
DCZ	IAMB	IAMB	IAMB	14 04 29.8					
THZ	Tophouse 47.91 147 P P			14 04 28.6 +0.7					
THZ	IAMB	IAMB	IAMB	14 04 31.7					
MLZ	Mavora Lakes 48.19 154 P P			14 04 31.2 +1.2					
MLZ	IAMB	IAMB	IAMB	14 04 32.1					
USRK	comp=Z,31nm,0.9s	P	P						
USRK	Ussuriysk Ar. 48.22 352 P P			14 04 31.1 +1.0					
USRK	comp=Z,3.7nm,0.8s,baz=180,slow=7.1,SNR=9.0	LR	LR						
USRK	LR	LR	LR	14 21 41.2					
TUWZ	Tuamarina 48.26 146 P P			14 04 30.6 +0.1					
RPZ	Rata Peaks 48.33 150 P P			14 04 31.2 +0.1					
LBZ	Lake Benmore 48.40 151 P P			14 04 31.4 -0.2					
AFI	Afiatalu 48.47 105 P P			14 04 33.4 +0.7					
AFI	P	P	P	14 04 31.9 -0.7					
WHZ	Wether Hill Ro 48.53 154 P IAMB			14 04 31.7					
WHZ	IAMB	IAMB	IAMB	14 04 31.9					
TEY	Ternei 48.60 357I eP P			14 04 32.1 -0.9					
TEY	P	P	P						
KHZ	comp=Z,10.0nm,1.4s	P	P						
BJI	Kahutara 48.70 147 P P			14 04 34.4 +0.5					
BJI	Beijing 48.76 335 P P			14 04 34.5 +0.1					
BJI	comp=Z,11nm,1.2s	LR	LR						
BJI	comp=Z,370nm,19.6s	LR	LR						
BJI	comp=Z,290nm,21.4s	LR	LR						
CD2	comp=Z,700nm,27.5s	P	P						
CD2	Chengdu 48.87 317 P S			14 10 36.1 +0.7					
CD2	S	S	S	14 11 37.1 +1.9					
CD2	comp=Z,30nm,0.9s	P	P						
CD2	comp=Z,640nm,12.5s	LR	LR						
CD2	comp=Z,620nm,29.6s	LR	LR						
CD2	comp=Z,690nm,17.8s	LR	LR						
CD2	comp=Z,730nm,23.5s	LR	LR						
KUR	Kuril'sk 49.17 7 eP P			14 04 38.2 +0.8					
KUR	S	S	S	14 11 43.3 +4.5					
KUR	comp=Z,76nm,1.4s	MLR	MLR						
YSS	comp=Z,173nm,15.0s	eP	eP						
YSS	Yuzh-Sakhalins 50.46 2I eP P			14 04 47.2 0.0					
YSS	eS	eS	eS	14 11 58.6 +1.8					
YSS	comp=Z,220nm,0.8s	MLR	MLR						
YSS	comp=Z,200nm,18.0s	MLR	MLR						
YSS	comp=N,100nm,16.0s	MLR	MLR						
YSS	comp=E,100nm,18.0s	MLR	MLR						
YSS	Yuzh-Sakhalins 50.46 2 P IAMB			14 04 48.1 +1.0					
YSS	IAMB	IAMB	IAMB	14 05 03.0					
HHC	comp=Z,22nm,0.8s	eP	eP						
HHC	Hu-ho-hao-te 51.45 332 P P			14 04 56.6 +1.7					
HHC	comp=Z,29nm,0.8s	P	P						
HHC	comp=Z,160nm,6.6s	LR	LR						
HHC	comp=Z,550nm,19.8s	LR	LR						
HHC	comp=Z,260nm,20.8s	LR	LR						
HHC	comp=Z,550nm,18.9s	LR	LR						
LZH	Lanzhou 52.12 323 eP P			14 05 01.3 +1.2					
LZH	P	P	P	14 05 14.3 -0.8					
LZH	S	S	S	14 05 20.0 -1.5					
LZH	comp=Z,22nm,0.9s	P	P						

LZH	comp=Z,110nm,4.3s	P	P						
LZH	comp=Z,370nm,16.8s	LR	LR						
LZH	comp=Z,450nm,15.2s	LR	LR						
LZH	comp=Z,500nm,15.7s	P	P						
KLR	Kul'dur 53.20 353 P P			14 05 08.0 +0.5					
KLR	comp=Z,6.5nm,0.7s,baz=186,slow=5.9,SNR=26	P	P						
KLR	Kul'dur 53.20 353eP P			14 05 07.4 -0.1					
GRNR	comp=Z,40nm,1.5s	P	P						
GRNR	Gorny 54.33 357I eP P			14 05 15.8 +0.1					
GRNR	comp=Z,5.0nm,1.2s	P	P						
TYV	Tymovskoe 54.37 2 eP P			14 05 17.1 +1.1					
TYV	comp=Z,200nm,3.5s	P	P						
TYV	comp=Z,15nm,1.3s	P	P						
SKR	Severo-Kuril's 55.85 12I eP P			14 05 27.2 +0.5					
GTA	Gaotai 56.71 323 P P			14 05 33.8 +0.6					
GTA	P	P	P	14 05 45.0 -2.7					
GTA	P	P	P	14 05 51.6 -3.3					
GTA	comp=Z,9.0nm,1.6s	LR	LR						
GTA	comp=Z,210nm,18.1s	LR	LR						
GTA	comp=Z,230nm,20.6s	LR	LR						
GTA	comp=Z,350nm,21.6s	LR	LR						
ZEA	Zeya 58.22 351 eP P			14 05 43.2 -0.2					
ZEA	comp=N,24nm,1.0s	P	P						
ZEA	comp=Z,28nm,1.2s	P	P						
PEAOB	Petropavlovsk- 58.47 12I eP P			14 05 46.1 +0.9					
PEAOB	Petropavlovsk- 58.47 12 P P			14 05 46.1 +0.9					
PEAOB	IAMB	IAMB	IAMB	14 05 47.3					
PETK	comp=Z,26nm,1.1s	P	P						
PETK	Petropavlovsk- 58.47 12 P P			14 05 45.9 +0.7					
PETK	comp=Z,4.4nm,0.5s,baz=171,slow=8.2,SNR=28	LR	LR						
PETK	comp=Z,409nm,21.8s,baz=206,slow=33	LR	LR	14 27 59.1					
PETK	comp=Z,1.1nm,1.0s,baz=113,slow=9.6,SNR=4.0	P	P						
PETK	Petropavlovsk- 58.47 12 P P			14 05 46.1 +0.9					
PET	Petropavlovsk- 58.60 13 I P P			14 05 46.4 +0.3					
PET	P	P	P						
ULN	comp=Z,13nm,1.1s	P	P						
ULN	Ulaanbaatar 58.95 335dI P P			14 05 49.2 +0.4					
ULN	P	P	P						
SONM	comp=Z,2.0nm,0.8s	P	P						
SONM	Songino Array 59.21 334 P P			14 05 51.3 +0.6					
SONM	comp=Z,1.4nm,0.7s,baz=156,slow=7.8,SNR=3.6	LR	LR						
SONM	comp=Z,454nm,21.7s,baz=140,slow=35	LR	LR	14 30 11.6					
SONM	comp=Z,2.9nm,1.1s,baz=244,slow=0.8,SNR=8.4	P	P						
ZAK	Zakamensk 62.48 334 eP P			14 06 12.6 -0.1					
ZAK	comp=Z,12nm,1.2s	P	P						
MA2	Magadan 63.61 6I eP P			14 06 20.5 +0.6					
MA2	comp=Z,30nm,1.7s	P	P						
HYB	Hyderabad 64.28 291 I P P			14 06 24.5 -0.7					
BOD	Bodaibo 64.81 345 eP P			14 06 27.8 0.0					
BOD	comp=Z,24nm,2.0s	P	P						
CASY	Casey 65.85 193 P P			14 06 34.8 +0.4					
YAK	Yakutsk 66.01 355 eP P			14 06 35.7 +0.2					
YAK	ePP	ePP	ePP	14 06 46.5 -4.5					
YAK	eS	eS	eS	14 07 01.1					

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MNBS, Baschi, DJR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CTA, CTAO, JAY, STKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MTSU, SAROUTOU, CTAO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BODT, BODT, BDRM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MKAR, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARMA, ARMA, MSVF, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RABL, KRVT, KRVT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SANI, FITZ, FITZ, etc.

17d 18h

Table with columns: GLA, comp, pmax, pmax, and various station names like Glamis, Sheep Range, Elko, etc.

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Table with columns: MORF, AMS, AMS, and various station names like Marmete, Brasilia, Torodi Ar. Bea, etc.

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Table with columns: TKDS, Koohdasht, UMZA, and various station names like Um Al Zommo, NASTANJ, etc.

AKBB	Malin Array Si	29.21 327f	eP	P	18 20 11.9	-0.5
AKBB	Malin Array Si	29.21 327	P	P	18 20 11.7	-0.6
AKBB			Iamb	Iamb	18 20 17.9	
OBN	Obninsk	29.58 339	P	P	18 20 15.9	+0.2
OBN	Obninsk	29.58 339	eP	P	18 20 17.0	+1.4
OBN			Pmax	Pmax	18 20 23.2	
OBN	Obninsk	29.58 339	P	P	18 20 15.0	-0.6
BURAR	Bucovina Array	29.59 318	P	P	18 20 15.4	-0.6
KOLS	Kolonickie sedl	31.95 319	eP	P	18 20 38.0	+1.3
KOLS			Pmax	Pmax		
KOLS	Kolonickie sedl	31.95 319	eP	P	18 20 38.0	+1.3
KWP	Kalwaria Pacia	32.04 320	P	P	18 20 37.3	-0.1
KWP			Pmax	Pmax		
KWP	Kalwaria Pacia	32.04 320	P	P	18 20 37.3	-0.1
VYHS	Yvonne	32.81 316	eP	P	18 20 54.3	+1.3
VYHS			Pmax	Pmax		
VYHS	Yvonne	32.81 316	eP	P	18 20 54.2	+1.3
ZAAO	Zalesovo Array	33.86 333	P	P	18 20 53.5	+0.2
ZALV	Zalesovo Array	33.86 333	P	P	18 20 53.9	+0.6
ZALV	Zalesovo Beam	33.86 333	P	P	18 20 53.2	-0.1
ZALV	Zalesovo Beam	33.86 333	P	P	18 20 53.2	-0.1
KLMR	Klimovskoe	33.91 347	eP	P	18 20 51.9	-1.7
KLMR			Pmax	Pmax		
KLMR	Klimovskoe	33.91 347	eP	P	18 20 51.9	-1.7
KLMR			AMP	AMP	18 21 00.0	
OJC	Ojcow	33.97 319	P	P	18 20 54.3	0.0
OJC			Pmax	Pmax		
OJC	Ojcow	33.97 319	P	P	18 20 54.3	0.0
OJC			Iamb	Iamb	18 20 55.1	
CONA	Conrad Observa	35.45 314	eP	P	18 21 07.3	0.0
VSU	Vasula	35.58 335	eP	P	18 21 08.8	+0.8
NRCA	Norcia	36.05 305	P	P	18 21 12.4	0.0
NRCA			Iamb	Iamb	18 21 23.2	
PRED	Cave del Predi	36.51 311	P	P	18 21 16.4	0.0
PRED			Iamb	Iamb	18 21 24.5	
KBA	Koelnbreinsper	36.83 312	eP	P	18 21 19.1	-0.1
GERES	GERESS Array B	37.11 315	P	P	18 21 20.8	-0.6
GERES	GERESS Array B	37.11 315	P	P	18 21 20.9	-0.5
KHC	Kasperske Hory	37.28 315	eP	P	18 21 22.7	-0.1
KHC			Pmax	Pmax		
KHC	Kasperske Hory	37.28 315	P	P	18 21 22.7	-0.1
FIA1	FINESS Array S	37.98 338	P	P	18 21 29.3	+0.8
FIA1			Iamb	Iamb	18 21 30.1	
FINES	FINESS Array B	37.98 338	P	P	18 21 29.2	+0.8
FINES	FINESS Array B	37.98 338	P	P	18 21 29.0	+0.6
FINES	FINESS Array B	37.98 338	P	P	18 21 29.0	+0.6
WTTA	Wattenberg	38.00 311	eP	P	18 21 28.8	-0.3
SQTA	Sankt Quirin	38.27 311	eP	P	18 21 30.7	-0.6
CLL	Collim	38.36 318	iP	P	18 21 32.5	+0.7
CLL	Collim	38.36 318	iP	P	18 21 32.5	+0.7
MOTA	Moosalm	38.37 311	eP	P	18 21 31.6	-0.6
FETA	Feichten	38.54 311	eP	P	18 21 33.4	-0.3
GTA	Gaotai	38.98 62	eP	P	18 21 42.5	+5.1
GTA			sP	sP	18 21 48.0	+5.8
GTA			Pmax	Pmax	18 21 51.0	+10.0
DAVA	Damuels	39.17 311	eP	P	18 21 38.2	-0.7
SENIN	Lac Senin/Sane	40.73 309	P	P	18 21 51.6	-0.3
SENIN			Iamb	Iamb	18 22 09.2	
BNI	Bardonecchia	40.97 307	P	P	18 21 53.5	-0.4
BNI			Pmax	Pmax		
BNI	Bardonecchia	40.97 307	P	P	18 21 53.5	-0.4
BNI			Iamb	Iamb	18 21 55.2	
CMAR	Chiang Mai Arr	41.96 94	P	P	18 22 03.1	+1.0
NC405	NORSAR Array S	43.20 331	P	P	18 22 11.8	+0.2
NB201	NORSAR Subarra	43.35 331	P	P	18 22 12.7	-0.1
NB2	NORSAR Subarra	43.38 331	P	P	18 22 12.8	+0.3
NOA	NORSAR Array B	43.38 331	P	P	18 22 12.4	-0.8
ARCES	ARCCESS Array B	44.37 346	P	P	18 22 21.5	+0.5
ARCES	ARCCESS Array B	44.37 346	P	P	18 22 21.8	+0.8
SONM	Songino Array	44.41 49	P	P	18 22 23.1	+1.3
ULN	Ulaanbaatar	44.85 49	eP	P	18 22 26.5	+1.2
ULN			Pmax	Pmax		
NRK	Noril'sk	45.25 16f	eP	P	18 22 31.7	+3.8
ESDC	Sonsec Array	48.78 299	P	P	18 22 55.7	-0.3
TOAD	Torodi Arr. Sit	51.07 264	P	P	18 23 12.8	-0.9
TORD	Torodi Arr. Bea	51.07 264	P	P	18 23 11.9	-1.7
TORD	Torodi Arr. Bea	51.07 264	P	P	18 23 11.9	-1.7
YAK	Yakutsk	58.52 32f	eP	P	18 24 07.1	+0.2
YAK			Pmax	Pmax		
KSRS	Korea Array	61.04 61	P	P	18 24 23.9	-0.9
BOSA	Boshof	63.16 209	P	P	18 24 37.8	-1.2
BOSA	Boshof	63.19 209	P	P	18 24 37.7	-1.4
BOSA			Pmax	Pmax		
BOSA	Boshof	63.16 209	P	P	18 24 37.7	-1.4
BILL	Bilbino	71.66 22f	eP	P	18 25 34.8	+2.6
BILL			PPP	PPP	18 29 51.0	
BILL			ePmax	ePmax	18 35 35.0	
PETK	Petrovalovsk	75.25 37	P	P	18 25 53.4	-0.3
FRB	Frobisher Bay	77.77 338	P	P	18 26 08.1	+0.4
ILAR	Eielson Array	85.65 9	P	P	18 26 46.3	-3.0
YKA	Yellowknife Arr	88.96 355	P	P	18 27 05.7	+0.4
WRA	Warramunga Arr	91.00 112	P	P	18 27 14.4	-1.2
ASAR	Alice Springs	92.50 115	P	P	18 27 21.7	-0.8
SADO	Sadowa	95.67 329	LR	LR	18 29 14.9	
SADO			Pmax	Pmax		

1.9nm,0.8s,baz=146,slow=10,SNR=2.4

FINES FINESS Array B 38.26 338 P P 18 20 04.7 -0.5

ARCES ARCESS Array B 44.67 346 P P 18 23 57.8 +0.1

1.2nm,0.9s,baz=140,slow=8,SNR=1.6

TORD Torodi Arr. Bea 51.04 264 P P 18 24 47.8 -0.1

0.9nm,0.5s,baz=56,slow=7,SNR=1.9

NEIC 17 18:20:08.4+1.7,47.60N:0.04-92.63W:0.08,h0km,1km, mb_Lg3.0/56,Err ellip: s-maj=9.7km s-min=5.7km az=66.0

17 18:20:11.9+4.3,47.61N:92.72W:h0km,mb1 2.9/1, mb1mx2.7/59,mbtmp2.9/1,ML1.2/1,Err ellip: s-maj=7.44km s-min=29.2km az=53.0

ISC 17 18:20:08.0+1.1,47.52N:0.04-92.58W:0.05,h0km,n36, a178/21,Minnesota

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
EYMM	Ely	0.85 59	Op	18 20 25.1	+0.6
E38A	The Farm, Brul	1.15 142	Pb	18 20 31.3	-0.1
F36A	Lac du Bonnet	1.78 224	Pb	18 20 41.3	-0.1
F36A	Milaca	1.78 224	Iamb_Lg	18 21 11.4	
SPMN	Marine on St.	2.30 184	Pb	18 20 48.9	-1.4
AGMN	Agassiz Station	2.34 291	Pn	18 20 47.9	+0.2
AGMN			Iamb_Lg	18 21 21.3	
COWI	Conover	2.76 120	Pn	18 20 54.5	+1.0
G40A	Rib Lake	2.79 143	Pn	18 20 55.3	+1.5
D32A	Dogwood Acres	3.04 264	Pn	18 20 57.6	+0.3
D32A			Iamb_Lg	18 21 50.3	
F33A	5 Mile Ranch	3.06 238	Pn	18 20 56.7	-0.8
F33A			Iamb_Lg	18 21 49.2	
ULM	Lac du Bonnet	3.49 323	Pn	18 21 04.3	+0.8
ULM			Pg	18 21 12.0	+1.3
ULM			Pb	18 21 43.8	-1.8
ULM			Lg	18 21 55.9	
ULM			Sn	18 21 02.6	-0.9
ULM			Sn	18 20 20.0	
F42A	Lac du Bonnet	3.49 323	Pn	18 22 08.1	
F42A			Iamb_Lg	18 22 08.1	
I37A	Lemond, Waseca	3.55 190	Pn	18 21 02.3	-2.0
I40A	Norwalk	3.88 159	Pn	18 21 07.0	-1.8
I40A			Iamb_Lg	18 22 22.3	
I42A	Draeger Farm	4.44 143	Pn	18 21 17.8	+1.2
I42A			Iamb_Lg	18 22 29.4	
H43A	Windswept, Lux	4.53 311	Pn	18 21 17.8	0.0
H43A			Iamb_Lg	18 22 32.3	
ECSD	EROS Data Center	4.72 218	Pn	18 22 24.0	+3.5
ECSD			Iamb_Lg	18 22 50.5	
MDND	Maddock	4.75 277	Pn	18 22 45.7	
K38A	Parkersburg	4.87 182	Pn	18 21 24.8	+2.3
K38A			Iamb_Lg	18 22 53.1	
JFWS	Jewell Farm	4.89 159	Pn	18 21 26.9	+4.2
JFWS			Iamb_Lg	18 22 51.4	
JFWS			Iamb_Lg	18 22 57.5	
L40A	Anamosa	5.54 169	Pn	18 21 31.3	-0.3
L40A			Iamb_Lg	18 23 13.2	
E28A	Huff	5.62 263	Pn	18 23 08.2	
L42A	Oliver, Polo	5.89 158	Pn	18 23 21.6	
L34A	Svendsen Farm	6.17 207	Pn	18 23 26.9	
N31A	O'Neill	6.56 224	Pn	18 23 49.6	
K41A	Harden Midland	6.92 169	Pn	18 23 51.2	
N35A	Tabor	7.01 199	Pn	18 24 05.0	
HDIL	Hope	7.35 160	Pn	18 24 05.1	
DGMT	Dagmar	7.85 281	Pn	18 24 23.9	
SFIN	Lafayette	8.16 149	Pn	18 24 33.8	
N47A	Urbana	8.27 141	Pn	18 24 36.6	
RSSD	Black Hills	8.69 251	Pn	18 24 51.2	
FFC	Flin Flin	9.32 324	Pn	18 25 03.4	
I56S	NEWPORT INFRASIA 6.0	47 282	i	20 00 10.0	

17 18:28:40.4+2.1,19.75S:70.85W,h0km,mb3.8/1, mb1 3.7/3,mb1mx3.4/36,mbtmp3.7/3,ML3.3/2,MS4.6/3, Ms1 4.6/3,ms1mx3.3/34,Err ellip: s-maj=58.9km s-min=32.3km az=66.0

GUC 17 18:28:44.1+0.8,19.92S:70.97W,h31km,3km,ML3.4

ISC 17 18:28:42.7+1.8,19.85S:0.04-70.90W:0.08,h16km,n10km, n25,+r15/30,MS4.7/3,3C-1D,Near coast of northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PSGC	Pisagua	0.77 71	eP	18 28 58.5	-0.5
PSGC			sP	18 29 09.9	-0.5
TA02	Huaquiique	0.83 120	eP	18 28 58.5	-0.3
TA02			sP	18 29 10.5	+0.6
TA01	Diego Aracena	0.98 137	eP	18 29 07.1	0.6
TA01			sP	18 29 13.4	-0.5
TA01			IAML	18 29 14.4	
PB11	IPOC Station P	1.17 86	iP	18 29 05.0	-0.4
PB11			sP	18 29 21.1	+0.3
PB11			IAML	18 29 22.4	
PATCX	Punta Patache	1.19 144	eP	18 29 03.6	-1.1
PATCX			sP	18 29 19.3	-0.9
PATCX			IAML	18 29 20.3	
PB12	IPOC Station P	1.34 24	eP	18 29 08.2	-0.5
PB12			sP	18 29 27.4	+1.2
PB12			IAML	18 29 32.2	
PB12			IAML	18 29 34.8	
MMNC	Minye Minye	1.42 60	eP	18 29 09.8	-0.4
MMNC			sP	18 29 30.3	+1.6
GO01	Chuzmisa	1.61 84	eP	18 29 21.0	0.3
GO01			sP	18 29 35.0	0.0
PB08	IPOC Station P	1.67 100	eP	18 29 12.2	+0.7
PB08			sP	18 29 35.0	-0.8
PB08			IAML	18 29 40.7	
PB01	IPOC Station P	1.78 132	iP	18 29 12.7	-0.2
PB01			sP	18 29 34.5	-0.6
PB16	IPOC Station P	2.00 41	iP	18 29 18.4	-0.6
PB16			sP	18 29 46.2	-1.1
PB16			IAML	18 29 56.9	
PB07	IPOC Station P	2.09 153	IAML	18 30 00.1	
PB09	IPOC Station P	2.48 142	iP	18 29 23.1	+0.5
PB09			IAML	18 30 05.0	
LVC	Limon Verde	3.31 146	Pn	18 29 34.9	+0.7
LVC			Sn	18 30 16.9	+3.5
LVC			LR	18 30 46.7	
LPAZ	La Paz	4.42 37	Pn	18 29 52.4	+2.8
LPAZ			Lg	18 31 03.0	

comp=E,0.3nm,0.3s,baz=214,slow=18,SNR=0.9

SIV San Ignacio 10.11 69 Pn Pn 18 31 07.2 -0.1

comp=E,0.2nm,0.3s,baz=248,slow=14,SNR=1.6

H03N1 Juan Fernandez 15.30 206 T T 18 48 02.4

H03N2 Juan Fernandez 15.31 206 T T 18 48 03.5

H03N3 Juan Fernandez 15.32 206 T T 18 48 00.3

baz=32,slow=72,SNR=15

SCHO Schefferville 74.46 2 LR LR 18 19 02.63

comp=E,303nm,20.0s,baz=302,slow=38

TORD Torodi Arr. Bea 78.58 71 P P 18 40 43.2 -0.9

comp=E,0.6nm,0.6s,baz=248,slow=6,SNR=2.6

RAO Raoul Island 94.40 237 LR LR 18 21 20.9

comp=E,531nm,21.4s,baz=190,slow=29

MKAR Makanchi Array 145.34 93 PKPbc PKPbc 18 48 18

17d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KOLD, GOR, BHP, DML, PKIN, PKI, KURBB, AB31, ABKAR, BVAO, ODAN, BRVK, AKTO, ZAAO, ARU, AKH, SONM, CMAR, BRTR, AKAS, FINES, ARCES, NB2, NOA, ESDC, TORD, INK, WRA, WRAB, WB2, ASAR.

JMA 17 19:07:35.4, 23.67N, 121.60E, h28km, 1km, M2.6
TAP 17 19:07:36.2, 23.70N, 121.59E, h33km, ML3.1, C
ISC 17 19:07:35.9, 0.9, 23.69N, 121.61E, 0.02, h30km, 4km,
n110, 0.0774/203, 5D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EGFG, EGFH, ESL, HGS, HWA, EHY, TWD, YULB, VVDT, TWF1, OWD, NACB, ETLL, CHGB, WHF, FULB, SSLB, CHKT, SMLT.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WHYT, TDCB, DPDB, ELDTW, ENA, ALS, NNSB, NNSH, ENAH, ENAH, NNS, NNS, WJS, WJS, WHP, WHP, CHNS, CHNS, WNT, WNT, NDT, NDT, TWC, TWC, STYT, STYT, ENT, ENT, ENT, WKG, WKG, TCU, TCU, TPUB, TPUB, WDLH, WDLH, TWGB, TWGB, TWG, TWG, TWG, TWG, YHNB, YHNB, NSK, NSK, TWQ1, TWQ1, WTP, WTP, TWE, TWE, WCHH, WCHH, NSY, NSY, NWLT, NWLT, NSTT, NSTT, LIOB, LIOB, WDJ, WDJ, CHY, CHY, CHY, TWK, CHN1, CHN1, PTSB, PTSB, SGST, SGST, SNST, SNST, SLGT, SLGT, SLGT, SLGT.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NMLH, NMLH, RLNB, RLNB, NTC, NTC, EGS, EGS, WLBT, WLBT, WLBG, WLBG, WTCT, WTCT, SBCB, SBCB, ECL, ECL, ECL, ECL, NHDH, NHDH, NHDH, NHDH, WSF, WSF, TWA, TWA, TIPB, TIPB, TIPB, TIPB, CHN3, CHN3, SSD, SSD, SSD, SSD, NCUH, NCUH, CHN8, CHN8, CHN8, CHN8, TWB1, TWB1, NWF, NWF, NWF, NWF, WFSB, WFSB, TWB1, TWB1, TWM1, TWM1, MASBT, MASBT, MASBT, MASBT, SGLT, SGLT, SGLT, SGLT, TWS1, TWS1, JYNG, JYNG, JYNG, JYNG, YM01, YM01, YM01, YM01, YM10, YM10, YM10, YM10, YM11, YM11, NTST, NTST, EAST, EAST, EAST, EAST, YM03, YM03, YM03, YM03, YM08, YM08, YOJ, YOJ, YOJ, YOJ, SSPT, SSPT, SCZT, SCZT, SCZT, SCZT, LAY, LAY, PNG, PNG, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JKRS, JKRS, VVUC, VVUC, VVUC, VVUC, JIJ, JIJ, JIJ, JIJ, PTTC, PTTC, JISG, JISG, PTMZ, PTMZ, MATB, MATB, JTJ, JTJ, JTJ, JTJ, KNMB, KNMB, JIRB, JIRB, JIRB, JIRB, AXDP, AXDP.

IDC 17 19:18:21.0, 55.0, 19.28S, 176.12W, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.6/31, mbtmp3.8/3, Error ellipse:
s-maj=1019.0km s-min=173.7km az=82.0, Fiji Islands
region

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

MAN 17 19:28:08.7, 3.46N, 127.68E, h73km, mb5.1, ML4.0, MS4.1
IDC 17 19:28:09.9, 7.4, 3.08N, 127.34E, h60km, 80km, mb3.3/5,

OKH	comp=Z,400nm,12.0s	A	A	22 36 47.0
OKH	comp=Z,600nm,13.0s	AMS	AMS	22 39 51.0
OKH	comp=Z,1µm,13.0s	AMS	AMS	22 39 51.0
OKH	comp=Z,600nm,13.0s	AMS	AMS	22 39 51.0
OKH	Okha	9.03 329d/P	Pn	22 34 57.3 +3.3
OKH		i/S	Sn	22 36 33.6 -0.2
OKH	comp=N,600nm,12.1s		smax	
OKH	comp=E,400nm,6.7s		smax	
OKH	comp=N,600nm,14.0s		smax	
OKH	comp=E,1µm,15.0s		smax	
OKH	comp=Z,600nm,12.0s		smax	
OFUJ	Ofunato	9.64 227	P	22 34 58.2 -4.2
OFUJ		eS	Pn	22 36 40.1 -8.8
JRG	Rokugo	9.96 232	P	22 35 03.8 -2.9
TEY	Ternel	9.96 269	eP	22 35 09.9 +3.3
TEY		eP	AMB	22 35 11.4
TEY	comp=Z,160nm,0.7s		AMB	22 35 11.4
TEY		eP	Pn	22 35 09.9 +3.3
TEY	comp=E,160nm,0.8s		pmx	
TEY	comp=Z,160nm,0.7s		pmx	
JIO	Ouri	10.28 226	P	22 35 06.5 -4.6
JIO		eS	Sn	22 36 55.0 -9.4
GRNR	Gornyy	10.61 302	eP	22 35 18.0 +2.5
GRNR		eP	AMB	22 35 19.5
GRNR	comp=Z,50nm,1.0s		AMB	22 35 19.5
GRNR	comp=Z,130nm,1.0s		AMB	22 35 19.5
GRNR	comp=Z,150nm,1.0s		AMS	22 40 04.4
GRNR	comp=Z,290nm,13.0s		AMS	22 40 04.4
GRNR	comp=Z,270nm,13.0s		AMS	22 40 04.4
GRNR	comp=Z,530nm,13.0s		AMS	22 40 04.4
GRNR	Gornyy	10.61 302	i/P	22 35 18.0 +2.5
GRNR		eS	Sn	22 37 17.3 +5.1
GRNR	comp=N,50nm,1.1s		pmx	
GRNR	comp=E,130nm,1.1s		pmx	
GRNR	comp=Z,150nm,1.1s		pmx	
GRNR	comp=E,20nm,1.0s		smx	
GRNR	comp=E,270nm,14.0s		MLR	
GRNR	comp=N,290nm,12.0s		MLR	
GRNR	comp=Z,530nm,14.0s		MLR	
JVA	Atsumi	11.03 231	P	22 35 18.2 -3.1
JVA		eS	Sn	22 37 14.8 -7.8
JYS	Shirataka	11.12 229	P	22 35 19.6 -2.8
JFK	Kawauchi	11.37 224	P	22 35 21.8 -4.0
JFK		eS	Sn	22 37 19.8 -1.1
JFY	Yanaizu	11.92 227	P	22 35 30.7 -2.5
JSD	Sado	12.23 234	P	22 35 34.5 -2.8
JHK	Hiraka	12.40 229	P	22 35 36.8 -2.7
JAG	Ashikaga	12.81 225	P	22 35 42.1 -2.8
KLR	Kul'dur	13.18 291	P	22 35 52.0 +2.3
MAJO	Matsushiro	13.35 229	i/P	22 35 49.3 -2.8
MAJO		eS	Pn	22 37 14.8 -7.8
MAT	Matsushiro	13.35 229	P	22 35 49.4 -2.7
MAT		S	Pn	22 38 26.4 +7.5
MJAR	Matsushiro Arr	13.35 229	P	22 35 50.0 -2.1
MJAR	comp=Z,0.2nm,0.3s,baz=24,slow=13,SNR=42		S	
MJAR	comp=Z,0.2nm,0.3s,baz=90,slow=17,SNR=1.6		LR	22 41 30.4
MJAR	comp=Z,311nm,19.5s,baz=60,slow=39		ScP	22 44 38.0 +1.3
MJAR	comp=Z,0.0nm,0.3s,baz=32,slow=7,SNR=20		ScP	22 44 38.0 +1.3
MJAR	Matsushiro Arr	13.35 229	P	22 35 50.5 -1.6
MJAR	Matsushiro Arr	13.35 229	P	22 35 51.0 -1.1
MJB9	Matsu-Tunnel	13.35 229	P	22 35 52.5 +0.5
USA0B	Ussuriysk Arra	13.35 269	P	22 35 52.5 +0.5
USA0B	Ussuriysk Arra	13.35 269	P	22 35 52.7 +0.7
USRK	Ussuriysk Ar	13.38 269	P	22 41 00.6
USRK	comp=Z,594nm,21.5s,baz=78,slow=57		LR	22 44 37.7 +1.1
USRK	comp=Z,594nm,21.5s,baz=78,slow=57		ScP	22 44 37.7 +1.1
USRK	Ussuriysk Ar	13.38 269	P	22 35 52.2 +0.2
USRK	Ussuriysk Ar	13.38 269	P	22 44 38.8 +2.2
USRK	Ussuriysk Ar	13.38 269	P	22 35 55.6 +2.0
USRK	Ussuriysk Ar	13.38 269	P	22 36 05.1
USRK	Ussuriysk Ar	13.38 269	P	22 36 05.1
MA2	Magadan	13.55 0	LR	22 41 26.9
MA2	Magadan	13.55 0	LR	22 35 53.4 -1.0
MA2	Magadan	13.55 0	LR	22 35 57.6 +0.6
MA2	Magadan	13.55 0	LR	22 35 53.4 -1.0
MA2	Magadan	13.55 0	LR	22 35 57.6 +0.6
MSHR	Mys Shuitsa	14.43 263	i/P	22 36 06.4 +0.5
MSHR		eP	pmx	
INU	Inuyama	14.89 229	Pn	22 36 10.8 -1.0
MDJ	Mudanjiang	14.93 272	Pn	22 36 12.2 -0.1
JFM	Mihama	15.31 232	P	22 36 16.8 -0.3
JHJ2	Mitsune	15.39 217	P	22 36 19.4 +1.2
JHJ	Hachijo jima 2	15.40 217	P	22 36 19.8 -0.9
JHJ	comp=Z,3.9nm,0.3s,baz=152,slow=3.4,SNR=6.4		S	22 36 59.6 -8.8
CHUN	Chongjin	15.65 262	P	22 36 19.9 -1.5
BMKR	Bomnak	16.37 310	eP	22 36 30.7 +0.5
BMKR		eP	AMB	22 36 35.6
BMKR	comp=Z,52nm,0.5s		AMB	22 36 35.6
BMKR	comp=Z,90nm,0.5s		AMB	22 36 35.6
BMKR	comp=Z,178nm,0.5s		AMB	22 36 35.6
SMY	Shemya	16.58 58	P	22 36 31.7 -1.1
SMY		eP	pmx	
SMY	comp=Z,164nm,1.1s		pmx	
ZEA	Zeya	16.58 58	Pn	22 36 31.7 -1.1
ZEA		eP	Pn	22 36 36.8 0.0
ZEA		eP	AMB	22 36 39.8
ZEA	comp=Z,190nm,1.0s		AMB	22 36 39.8
ZEA	comp=Z,310nm,1.0s		AMB	22 36 39.8
ZEA	comp=Z,450nm,1.0s		AMB	22 36 41.0
ZEA	comp=Z,190nm,6.0s		AMB	22 36 41.0
ZEA	comp=Z,800nm,6.0s		AMB	22 36 41.0
ZEA	comp=Z,1µm,6.0s		AMB	22 36 41.0
ZEA	comp=Z,200nm,13.0s		AMS	22 43 58.0
ZEA	comp=Z,300nm,13.0s		AMS	22 43 58.0
ZEA	comp=Z,300nm,13.0s		AMS	22 43 58.0
ZEA	Zeya	16.91 306	eP	22 36 36.8 0.0
ZEA		eS	Sn	22 39 46.0 +1.5
ZEA	comp=N,190nm,1.0s		pmx	
ZEA	comp=E,310nm,1.4s		pmx	
ZEA	comp=Z,450nm,1.4s		pmx	
ZEA	comp=E,800nm,6.0s		pmx	

ZEA	comp=Z,1µm,6.0s		smax	smax
ZEA	comp=N,400nm,10.0s		MLR	MLR
ZEA	comp=E,300nm,14.0s		MLR	MLR
ZEA	comp=Z,300nm,14.0s		MLR	MLR
ZEA	comp=N,200nm,11.0s		MLR	MLR
KROS	Kirovskiy	17.29 308	eP	22 36 41.0 -0.4
KROS		eP	AMB	22 36 46.1
KROS	comp=N,23nm,0.5s		AMB	22 36 46.1
KROS	comp=N,34nm,0.5s		AMB	22 36 46.1
KROS	comp=N,48nm,0.5s		AMB	22 36 46.1
HUU	Hanghung	18.01 258	P	22 36 49.5 +0.1
HUU		S	S	22 40 10.1 -0.5
HUU		S	S	22 36 52.2 -0.2
HUU	Kangnye	18.19 262	P	22 36 57.5 +2.1
HUU		P	P	22 36 57.5 +2.1
HUU	Wonsan	18.44 256	P	22 36 57.5 +2.1
HUU		P	P	22 36 57.5 +2.1
HUU	Korea Array	19.01 251	P	22 36 57.5 +2.1
HUU		P	P	22 36 57.5 +2.1
HUU	comp=N,1.7nm,0.3s,baz=58,slow=11,SNR=89		P	22 41 23.1 +1.9
KSRS	comp=N,0.2nm,0.3s,baz=0.3,slow=11,SNR=62		P	22 43 35.2
KSRS	comp=N,351nm,21.8s,baz=58,slow=34		ScP	22 44 49.8 +2.1
KSRS	comp=N,0.2nm,0.3s,baz=40,slow=1.3,SNR=7.1		ScP	22 44 49.8 +2.1
KS19	Wonju Array Si	19.02 251	P	22 37 01.5 -0.8
KS19		I	I	22 37 06.6
KSAR	Wonju Array Be	19.04 251	P	22 37 00.5 -0.1
KSAR		P	P	22 37 00.5 -0.1
KSAR	Wonju Array Be	19.04 251	P	22 41 23.1 +1.8
KSAR		P	P	22 41 23.1 +1.8
KSAR	Pyongsong	19.46 258	P	22 37 05.8 +0.5
KSAR		P	P	22 37 05.8 +0.5
KSAR	Amchitka	19.53 64	P	22 37 07.8 +0.8
KSAR		P	P	22 37 07.8 +0.8
KSAR	Pyongyang	19.63 258	P	22 37 10.8 -1.2
KSAR		P	P	22 37 10.8 -1.2
KSAR	Inchon	19.84 253	eP	22 37 11.1 -0.9
KSAR		P	P	22 37 11.1 -0.9
KSAR	Inchon	19.84 253	P	22 37 10.7 -1.2
KSAR		P	P	22 37 10.7 -1.2
KSAR	comp=Z,209nm,0.9s		pmx	
INCN	Inchon	19.84 253	P	22 37 10.7 +1.2
INCN		P	P	22 37 11.8 +1.1
INCN	comp=Z,1.0nm,0.3s,baz=44,slow=5.5,SNR=35		LR	22 44 36.8
JNU	comp=Z,340nm,21.9s,baz=20,slow=36		LR	22 37 12.0 +1.4
JNU	Nakatsue	19.95 237	P	22 37 13.3
JNU		I	I	22 37 13.3
JNU	comp=Z,89nm,1.0s		P	22 37 12.2 +1.2
JNU		P	P	22 37 11.3 +0.1
JNU	Taejon	19.99 249	i/P	22 40 57.5 -1.5
JNU		P	P	22 37 11.9 +0.4
JNU	Sinuiju	20.01 262	P	22 40 49.1 -2.1
JNU		S	S	22 40 49.1 -2.1
JNU	Yakutsk	20.06 330	P	22 37 12.6 +1.0
JNU		P	P	22 37 12.1 +0.5
JNU	Chichijima	20.06 330	eP	22 40 47.6 -3.6
JNU		S	S	22 40 47.6 -3.6
JNU	comp=Z,278nm,0.9s		pmx	
JNU	comp=N,217nm,1.1s		pmx	
JNU	comp=E,226nm,1.4s		pmx	
JNU	comp=N,129nm,1.3s		smx	
JNU	comp=N,234nm,1.5s		smx	
JNU	Yakutsk	20.06 330	P	22 37 13.2 -1.1
JNU		P	P	22 37 14.0 -1.0
JNU	Chichijima	20.10 203	I	22 37 17.1
JNU		I	I	22 37 17.1
HJU	Haeju	20.16 256	P	22 37 14.3 -1.2
HJU		P	P	22 37 25.6 +3.4
HIA	Hailar	21.04 290	P	22 37 24.4 +2.2
HIA		I	I	22 37 31.4
HIA	comp=Z,48nm,0.9s		I	22 37 31.4
HIA	comp=Z,81nm,1.0s		I	22 37 31.9 -1.0
ADK	Adak	22.05 63	P	22 37 31.9 -1.0
ADK		P	P	22 37 31.9 -1.0
ADK	comp=Z,107nm,1.3s		I	22 37 34.8
ADK	comp=Z,107nm,1.2s		I	22 37 34.8
ADK	Great Sitkin T	22.45 62	P	22 37 36.7 -0.4
ADK		P	P	22 37 37.6 -0.4
ADK	Dalian	22.53 262	i/P	22 38 01.3 +4.1
ADK		P	P	22 41 36.4 -1.3
ADK		S	S	22 42 09.5 -2.1
ADK	comp=Z,110nm,0.8s		smx	
ADK	comp=Z,500nm,4.4s		smx	
BILL	Billbino	23.47 151	eP	22 37 48.5 +1.7
BILL		i/P	pmx	22 38 09.1 -1.0
BILL	comp=Z,3.0nm,0.8s		MLR	MLR
BILL	comp=Z,306nm,17.0s		MLR	MLR
ATKA	Atka Island	23.60 62	P	22 37 44.7 -3.3
ATKA		I	I	22 37 49.3
BOD	Bodaibo	25.18 311	eP	22 37 59.7 -2.6
BOD		eP	pmx	22 38 24.4
BOD	comp=Z,110nm,1.4s		pmx	
BOD	comp=Z,110nm,1.4s		pmx	
BOD	Beijing	25.81 269	P	22 38 08.8 +0.6
BOD		P	P	22 38 08.8 +0.6
BOD	comp=Z,44nm,1.2s		pmx	
BOD	comp=Z,310nm,3.8s		pmx	
BOD	comp=Z,290nm,5.3s		LR	LR
BOD	comp=Z,300nm,12.0s		LR	LR
BOD	Baijiatuu	25.82 269	P	22 38 09.0 +0.6
BOD		P	P	22 38 09.0 +0.6
BOD	comp=Z,33nm,0.7s		pmx	
BOD	Baijiatuu	25.82 269	P	22 38 09.0 +0.6
BOD		I	I	22 38 14.2
BOD	comp=Z,34nm,0.7s		I	22 38 13.3 +1.5
BOD	Kunigami	26.19 231	P	22 38 12.9 +1.1
BOD		P	P	22 38 18.8
BOD	comp=Z,7.8nm,0.9s,baz=102,slow=14,SNR=17		I	22 38 18.8
BOD	Kunigami	26.19 231	P	22 38 18.8
BOD		I	I	22 38 18.8
BOD	comp=Z,29nm,0.9s		P	22 38 11.6 -0.9
BOD	Saint Paul Is	26.30 51	P	22 38 19.1 +0.4
BOD		P	P	22 38 19.1 +0.4
BOD	Taiwan	26.97 261	P	22 38 19.1 +0.4
BOD		P	P	22 38 19.1 +0.4
BOD	comp=Z,20nm,1.3s		P	22 38 23.1 +1.4
BOD	Sheshan	27.30 247	P	22 38 24.4
BOD		I	I	22 38 24.4
BOD	comp=Z,49nm,0.9s		P	22 38 23.2 -1.6
BOD	Tiksi	27.70 345	eP	22 38 22.4 -2.4
BOD		P	P	22 38 30.9 +1.2
BOD	comp=Z,8.0nm,0.8s		pmx	
BOD	Tiksi	27.70 345	P	22 38 22.4 -2.4
BOD		P	P	22 38 30.9 +1.2
BOD	Nanjing	28.21 252		

Table with columns for station call signs (e.g., HDA, IL31, ILAR), frequencies, and other technical details. Includes sub-sections like '17d 22h' and '17d 22h'.

Table with columns for station call signs (e.g., MKAR, MKAR, MKAR), frequencies, and other technical details. Includes sub-sections like '17d 22h' and '17d 22h'.

Table with columns for station call signs (e.g., AAK, AAK, AAK), frequencies, and other technical details. Includes sub-sections like '17d 22h' and '17d 22h'.

KAPI KAPI	comp=Z,16nm,1.2s Kappang	57.82 217	P	P	pmax	pmax	22 42 28.6	+1.0
KAPI KAPI	comp=Z,16nm,1.1s Kappang	57.82 217	P	P	IAMB	IAMB	22 42 28.6	+1.0
F05D	comp=Z,16nm,1.1s White Salmon	57.86 56	P	P	P	P	22 42 28.8	+1.2
H04D	baz=305 Lebanon	57.89 57	P	P	P	P	22 42 28.8	+1.0
ARCES	ARCCESS Array B	57.96 340	P	P	P	P	22 42 27.4	-0.5
ARCES	comp=Z,5.2nm,0.8s,ba z=305,slow=7.0,SNR=15		PcP				22 43 18.7	-0.2
ARCES	comp=Z,5.9nm,0.7s,ba z=46,slow=5.2,SNR=7.8		ScP				22 42 09.6	0.0
ARCES	comp=Z,5.9nm,1.0s,ba z=48,slow=7.2,SNR=7.3		LR				23 10 01.7	
ARCES	comp=Z,5.7nm,1.9.8s,ba z=42,slow=39		LR					
ARCES	ARCCESS Array B	57.96 340	P	P	P	P	22 42 27.7	-0.2
ARCES	ARCCESS Array B	57.96 340	ScP				22 42 10.0	+0.4
AREO	ARCCESS Array S	57.96 340	P	P	P	P	22 42 27.5	-0.4
J01E	Myrtle Point	57.96 59	P	P	P	P	22 42 28.8	+0.5
I03D	Drain, OR	58.00 59	P	P	P	P	22 42 29.6	+1.0
H04A	Detroit Lake	58.12 57	P	P	P	P	22 42 30.1	+0.6
TMCR	Tamitsa	58.17 332	eP				22 42 28.6	-0.8
G05D	Wamoi, OR	58.31 56	P	P	P	P	22 42 31.9	+1.1
E07A	Sunnyside	58.38 54	P	IAMB	IAMB	IAMB	22 42 31.1	-0.1
E07A	comp=Z,8.9nm,0.9s Willamette Mer	58.39 60	P	P	P	P	22 42 32.1	+0.7
NIL	Nilore	58.54 287	P	P	P	P	22 42 33.2	+0.6
NIL	Nilore	58.54 287	P	P	P	P	22 42 33.0	+0.4
NIL	comp=Z,88nm,1.2s Chrisman Ranch	58.54 287	P	P	IAMB	IAMB	22 42 33.0	+0.4
CO9A	Chrisman Ranch	58.55 52	IAMB	IAMB	IAMB	IAMB	22 42 33.8	
H07A	comp=Z,20nm,1.2s Hanford	58.66 54	P	P	P	P	22 42 33.2	+0.1
F07A	Phinny Hill Vi	58.73 55	P	P	P	P	22 42 33.8	+0.2
I05D	Terrebonne, OR	58.82 57	P	P	P	P	22 42 35.1	+0.7
E08A	Dider Farm, El	58.87 54	P	IAMB	IAMB	IAMB	22 42 34.7	+0.1
E08A	comp=Z,22nm,1.4s Newport	58.91 51	P	P	P	P	22 42 34.3	-0.6
NEW	Newport	58.91 51	P	P	P	P	22 42 34.9	-0.1
NEW	comp=Z,16nm,1.1s Newport	58.91 51	P	P	IAMB	IAMB	22 42 34.3	-0.6
NEW	comp=Z,16nm,1.1s Newport	58.91 51	P	P	IAMB	IAMB	22 42 34.9	-0.1
NEW	comp=Z,16nm,1.1s Newport	58.91 51	P	P	IAMB	IAMB	22 42 34.3	-0.6
KULM	Kulim	59.28 243	P	P	P	P	22 42 40.0	
KULM	Kulim	59.28 243	P	P	P	P	22 42 38.4	+0.6
PINE	Pine Mountain	59.37 57	P	P	P	P	22 42 38.7	+0.4
E09A	Wood Farm, Sta	59.37 53	P	P	P	P	22 42 38.2	+0.2
L04D	Klamath Falls	59.49 59	P	P	P	P	22 42 39.9	+0.8
J05D	Fort Rock, OR	59.49 58	P	P	P	P	22 42 40.2	+1.0
YBH	Yreka Blue Hor	59.53 60	P	P	P	P	22 42 39.7	+0.4
YBH	comp=Z,6.0nm,0.9s Yreka Blue Hor	59.53 60	P	P	P	P	22 42 39.7	+0.4
YBH	comp=Z,5.9nm,0.8s Chiloquin, OR	59.58 59	P	P	P	P	22 42 40.5	+0.8
K04D	Port Blair	59.61 254	P	P	P	P	22 42 40.6	+0.6
G08A	Pilot Rock	59.63 55	P	IAMB	IAMB	IAMB	22 42 39.9	-0.1
G08A	comp=Z,13nm,1.1s Callahan	59.64 60	P	P	P	P	22 42 41.3	+1.2
M02C	Callahan	59.64 60	P	P	P	P	22 42 41.3	+1.2
IPM	Iphoh	59.68 242	P	P	P	P	22 42 41.0	+0.4
IPM	Iphoh	59.68 242	P	P	P	P	22 42 42.0	
KMRM	KMRM Hai Ridge	59.82 62	P	IAMB	IAMB	IAMB	22 42 41.7	+0.4
KMRM	comp=Z,16nm,1.1s Klimovskoe	59.84 328	eP	P	P	P	22 42 38.1	-2.9
KLMR	Klimovskoe	59.84 328	eP	P	P	P	22 42 38.2	-2.8
KLMR	comp=Z,14nm,0.7s Klimovskoe	59.84 328	eP	P	P	P	22 42 41.3	
N02D	Trinity Center	59.98 61	P	P	P	P	22 42 43.9	+1.5
FUNA	Funafuti	60.01 147	P	P	P	P	22 42 40.9	-1.8
M04C	Macoedo	60.02 60	P	P	P	P	22 42 43.9	+1.1
K05A	Summer Lake	60.03 58	P	P	P	P	22 42 42.2	-0.6
I07A	Ize	60.03 56	P	IAMB	IAMB	IAMB	22 42 42.6	-0.2
I07A	comp=Z,11nm,1.1s Coen	60.11 288	P	P	P	P	22 42 40.8	-2.5
MYKOM	Kota Tinggi	60.12 137	P	P	P	P	22 42 43.9	+0.4
MYKOM	comp=Z,19nm,1.0s Kota Tinggi	60.12 237	P	P	P	P	22 42 46.0	
WALA	Waterton Lakes	60.16 49	P	IAMB	IAMB	IAMB	22 42 42.7	-0.8
F10A	Beach Ranch, E	60.20 53	P	IAMB	IAMB	IAMB	22 42 43.1	-0.8
F10A	comp=Z,8.7nm,1.0s Whiskeytown Da	60.32 61	P	P	P	P	22 42 44.3	-0.3
WDC	Whiskeytown Da	60.32 61	P	P	P	P	22 42 44.3	-0.3
WDC	comp=Z,14nm,1.2s Whiskeytown Da	60.32 61	P	P	P	P	22 42 44.3	-0.3
WDC	comp=Z,14nm,1.1s Soe	60.41 210	P	P	P	P	22 42 44.7	-0.9
KBL	Kabul	60.77 291	P	P	P	P	22 42 47.8	-0.3
KBL	Kabul	60.77 291	P	P	P	P	22 42 47.2	-0.9
KBL	comp=Z,31nm,0.9s Kabul	60.77 291	P	P	P	P	22 42 47.2	-0.9
BMO	Blue Mountains	60.83 54	IAMB	IAMB	IAMB	IAMB	22 42 50.3	
MOD	comp=Z,16nm,1.3s Modoc Plateau	60.87 59	IAMB	IAMB	IAMB	IAMB	22 42 50.6	
O03E	Paynes Creek	60.94 61	P	P	P	P	22 42 49.2	+0.2
J08A	Circle Bar Ran	61.07 56	P	IAMB	IAMB	IAMB	22 42 49.7	-0.1
J08A	comp=Z,24nm,1.2s Manton Dam	61.22 202	P	P	P	P	22 42 51.9	+1.0
GMTX	Geysers	61.23 63	P	P	P	P	22 42 51.7	+0.8
GDXM	comp=Z,12nm,1.1s Missoula	61.49 51	P	P	P	P	22 42 52.9	+0.3
MSO	Missoula	61.49 51	P	P	P	P	22 42 52.6	-0.1
MSO	comp=Z,15nm,1.3s Missoula	61.50 311	P	P	P	P	22 42 52.0	-0.6
SUMG	Summit	61.50 311	P	P	P	P	22 42 52.0	-0.6
SUMG	comp=Z,73nm,0.9s Summit	61.50 311	P	P	P	P	22 42 51.9	-0.6
SUMG	comp=Z,73nm,0.9s Summit	61.50 311	P	P	P	P	22 42 53.2	+0.2
WVOR	Wild Horse Val	61.53 57	P	P	P	P	22 42 53.2	+0.2
WVOR	comp=Z,25nm,1.1s Wild Horse Val	61.53 57	P	P	P	P	22 42 54.4	
ORV	Croville	61.57 61	IAMB	IAMB	IAMB	IAMB	22 42 52.9	-0.3
MCCM	Marconi Center	61.58 63	P	P	P	P	22 42 58.1	+0.3
BHPL	Bhopal	62.24 275	eP	IAMB	IAMB	IAMB	22 43 01.4	
AFDM	Forest Hills D	62.27 62	P	P	P	P	22 42 57.8	-0.1
PSI	Prapat	62.29 242	P	P	P	P	22 42 57.8	-0.5
FFC	comp=Z,20nm,0.9s Flin Flon	62.33 39	P	P	P	P	22 42 58.3	+0.4
FFC	comp=Z,13nm,0.8s Flin Flon	62.33 39	P	P	P	P	22 42 58.3	+0.4
FFC	comp=Z,13nm,0.8s Flin Flon	62.33 39	P	P	P	P	22 42 58.3	+0.4
FFC	comp=Z,13nm,0.8s Flin Flon	62.33 39	P	P	P	P	22 42 59.3	
RPSI	Rantau Prapat	62.37 242	P	IAMB	IAMB	IAMB	22 42 57.8	-0.9
RPSI	comp=Z,20nm,0.9s Nagpur	62.49 273	eP	P	P	P	22 42 59.4	-0.1
NGP	NGP	62.49 273	eP	P	P	P	22 42 59.4	-0.1
MFID	Camas Ranch	62.55 55	P	P	P	P	22 43 29.5	-0.2
HRV	Holler Researc	62.70 50	P	P	P	P	22 43 01.2	+0.5
PAHR	Pah Rah Range	62.72 60	P	P	P	P	22 43 00.7	-0.6
PAHR	comp=Z,26nm,1.3s Virginia City	62.86 61	P	IAMB	IAMB	IAMB	22 43 02.1	+0.1
VCNR	Virginia City	62.86 61	P	IAMB	IAMB	IAMB	22 43 06.3	
VCNR	comp=Z,10.0nm,0.6s Bangkinang	62.96 239	P	P	P	P	22 43 05.1	+2.5
BKNI	BKNI	62.96 239	P	P	P	P	22 43 04.3	+1.7
BKNI	BKNI	62.96 239	P	P	P	P	22 43 02.6	+0.2
EGMT	Eagleton	62.97 48	P	IAMB	IAMB	IAMB	22 43 03.9	
EGMT	comp=Z,2.1nm,0.9s Santou	63.00 162	P	P	P	P	22 43 01.9	-0.8
SANVU	Santou	63.00 162	P	P	P	P	22 43 03.7	+0.6
PNTR	Pine Nut	63.02 61	P	IAMB	IAMB	IAMB	22 43 05.2	
PNTR	comp=Z,18nm,1.0s Dill	63.14 52	IAMB	IAMB	IAMB	IAMB	22 43 06.3	
DLMT	Dill	63.14 52	IAMB	IAMB	IAMB	IAMB	22 43 06.3	
HLID	Hailey	63.27 54	P	P	P	P	22 43 05.0	+0.4
YERR	Yerrington	63.30 61	IAMB	IAMB	IAMB	IAMB	22 43 07.0	
SAO	San Andreas Ge	63.33 64	P	P	P	P	22 43 04.8	-0.1
SAO	comp=Z,11nm,1.3s San Andreas Ge	63.33 64	P	P	P	P	22 43 04.8	-0.1
SAO	comp=Z,11nm,1.3s San Andreas Ge	63.33 64	P	P	P	P	22 43 07.5	+1.6
MNSI	Mandingal Nat	63.46 240	P	P	P	P	22 43 07.5	+1.6
WAKR	Walker	63.48 61	IAMB	IAMB	IAMB	IAMB	22 43 08.3	
WAKR	comp=Z,13nm,1.0s Bozeman (W)	63.52 51	P	P	P	P	22 43 06.8	+0.6
BOZ	Bozeman (W)	63.52 51	IAMB	IAMB	IAMB	IAMB	22 43 08.9	
BOZ	comp=Z,14nm,1.1s Sungdar Dareh	63.73 238	P	P	P	P	22 43 09.7	+2.0
SDSI	Sungdar Dareh	63.73 238	P	P	P	P	22 43 09.7	+2.0
SMRI	Semarang	63.91 226	P	P	P	P	22 43 09.8	+1.0
ILULI	Ilulissat	63.93 8	i/P	P	P	P	22 43 06.7	-1.5
ILULI	comp=Z,22nm,0.8s Ilulissat	63.93 8	i/P	P	P	P	22 43 06.7	-1.5
ILULI	comp=Z,22nm,0.8s Ilulissat	63.93 8	P	P	P	P	22 43 06.5	-1.8
ILULI	comp=Z,23nm,0.8s Ilulissat	63.93 8	P	P	P	P	22 43 09.3	
FIA1	FINESS Array B	63.95 334	P	IAMB	IAMB	IAMB	22 43 08.0	-0.5
FIA1	comp=Z,9.6nm,0.8s FINESS Array B	63.95 334	P	IAMB	IAMB	IAMB	22 43 08.0	-0.5
FINES	FINES	63.95 334	P	P	P	P	22 43 06.8	-1.7
FINES	comp=Z,6.0nm,0.6s,ba z=42,slow=6.7,SNR=41		PcP				22 43 42.9	-0.3
FINES	comp=Z,6.1nm,0.6s,ba z=62,slow=4.5,SNR=6.8		LR				23 14 00.0	
FINES	comp=Z,138nm,20.2s,ba z=32,slow=35		LR					
FINES	FINESS Array B	63.95 334	P	P	P	P	22 43 07.6	-0.9
FINES								

JAVC	comp=Z,15nm,0.7s,baz=28,slow=5.7	77.00 329	eP	P	22 44 29.2	+1.0
PSZ	Piszkesteto	77.01 329	IP	IAMB	22 44 29.6	-0.4
MHTO	MHTO	77.04 287	P	P	22 44 29.8	+1.1
PRU	Pruhonic	77.07 333	eP	P	22 44 28.3	-0.1
PRU	comp=Z,200nm,22.0s	77.07 333	eP	AMS	22 44 28.3	-0.1
PRU	Pruhonic	77.07 333	eP	MLR	22 44 28.3	-0.1
VOIR	comp=Z,200nm,22.0s	77.08 324	IP	P	22 44 29.5	+0.8
D50A	G1974 Best Tow	77.13 33	P	P	22 44 28.0	-0.8
F48A	Evansville	77.16 35	P	P	22 44 28.6	-0.4
KRUC	Moravsky	77.26 331	eP	P	22 44 29.7	+0.2
TANN	Tannenbergs	77.34 334	eP	P	22 44 29.9	-0.2
TREC	Trest	77.36 332	eP	P	22 44 30.2	+0.1
TREC	comp=Z,200nm,22.4s	77.36 332	eP	AMS	23 21 40.0	
TREC	Trest	77.36 332	eP	MLR	22 44 30.2	+0.1
D51A	Lot 18 Range I	77.37 32	P	P	22 44 29.5	-0.7
SMOL	Smolenice	77.38 330	eP	P	22 44 31.1	+0.9
SMOL	comp=Z,10.0nm,0.9s	77.38 330	eP	pmax	22 44 31.1	+0.9
SMOL	Smolenice	77.38 330	eP	P	22 44 31.1	+0.9
MOX	Moxa	77.40 335	eP	P	22 44 30.3	0.0
E50A	Wahnapette	77.41 34	P	P	22 44 29.5	-0.9
GUNZ	Gunzen	77.43 334	eP	P	22 44 30.5	0.0
F49A	Sandfield	77.44 35	P	P	22 44 29.3	-1.3
WERN	Wernitzgruen	77.48 334	eP	P	22 44 30.9	+0.1
NKC	Novy Kostel	77.51 333	eP	P	22 44 29.2	-1.7
NKC	comp=Z,100nm,18.6s	77.51 333	eP	AMS	23 21 20.0	
NKC	Novy Kostel	77.51 333	eP	MLR	22 44 29.2	-1.7
NKC	comp=Z,100nm,18.6s	77.51 333	eP	MLR	22 44 31.0	-0.2
MODS	Modra-Piesok	77.56 330	eP	P	22 44 31.0	-0.2
MODS	comp=Z,24nm,1.0s	77.56 330	eP	pmax	22 44 31.0	-0.2
MODS	Modra-Piesok	77.56 330	eP	P	22 44 31.0	-0.2
LOT	Lotru	77.59 325	IP	P	22 44 31.5	-0.1
N41A	Harden Midland	77.63 43	IAMB	IAMB	22 44 32.2	
SRO	Srobarova	77.67 329	eP	P	22 44 32.7	+0.9
SRO	comp=Z,19nm,0.8s	77.67 329	eP	pmax	22 44 32.7	+0.9
SRO	Srobarova	77.67 329	eP	P	22 44 32.7	+0.9
SRO2	Moca	77.69 329	eP	P	22 44 31.5	-0.4
SRO2	comp=Z,27nm,1.4s	77.69 329	eP	pmax	22 44 31.5	-0.4
SRO2	Moca	77.69 329	eP	P	22 44 31.5	-0.4
T35A	Sooner Cattle	77.69 49	IAMB	IAMB	22 44 32.9	
SIRR	Siria	77.74 327	IP	P	22 44 32.0	-0.2
BR131	Keskin Array S	77.74 315	P	P	22 44 33.1	+0.5
BR131	Keskin Array S	77.74 315	IAMB	IAMB	22 44 33.8	
BRTR	Keskin Array B	77.74 315	P	P	22 44 33.0	+0.5
BRTR	comp=Z,8.4nm,0.8s,baz=83,slow=4.9,SNR=43	77.74 315	P	LR	23 24 06.3	
BRTR	Keskin Array B	77.74 315	eP	P	22 44 33.0	+0.5
BRTR	comp=Z,66nm,18.1s,baz=20,slow=40	77.74 315	eP	pmax	22 44 33.0	+0.5
BRTR	Keskin Array B	77.74 315	P	P	22 44 32.5	0.0
ZST	Bratislava	77.77 330	eP	P	22 44 32.5	+0.2
ZST	comp=Z,27nm,1.2s	77.77 330	eP	pmax	22 44 32.5	+0.2
ZST	Bratislava	77.77 330	eP	P	22 44 32.5	+0.2
E51A	G1948 Merrick	77.79 33	P	P	22 44 32.0	-0.6
D52A	ZEK Kipawa Sen	77.82 32	P	P	22 44 31.8	-0.9
MANZ	Manzenberg	77.83 334	eP	P	22 44 32.9	+0.2
GAZ	Gaziantep	77.89 311	IAMB	IAMB	22 44 35.4	
BUG	Bochum-Univer	77.91 338	eP	P	22 44 33.0	0.0
ROTZ	Rotzenmuhl	77.99 334	eP	P	22 44 33.7	+0.1
D53A	Lac Vacivo, P	78.00 32	P	P	22 44 32.7	-0.9
STKA	Stevens Creek	78.00 188	P	P	22 44 36.0	+2.4
STKA	comp=Z,2.3nm,0.9s,baz=345,slow=18,SNR=3.2	78.00 188	P	LR	23 22 11.2	
STKA	Stevens Creek	78.00 188	P	P	22 44 36.0	+2.4
ANTO	Ankara	78.04 316	IP	P	22 44 34.9	+0.8
ANTO	Ankara	78.04 316	P	P	22 44 35.1	+1.0
ANTO	Ankara	78.04 316	P	P	22 44 35.1	+1.0
ANTO	comp=Z,23nm,0.7s	78.04 316	IAMB	IAMB	22 44 35.7	
COPA	Copacanea	78.07 323	IP	P	22 44 33.5	-0.6
WMOK	Wichita Mounta	78.10 52	P	P	22 44 34.4	-0.1
KHC	Kasperske Hory	78.13 333	eP	P	22 44 34.4	0.0
KHC	comp=Z,200nm,18.0s	78.13 333	eP	AMS	23 25 10.0	
KHC	Kasperske Hory	78.13 333	eP	P	22 44 34.1	-0.3
KHC	comp=Z,55nm,0.9s	78.13 333	eP	pmax	22 44 34.1	-0.3
BZS	Buzias	78.30 326	IP	P	22 44 34.9	-0.4
D54A	Lac Fusel, La	78.31 31	P	P	22 44 34.4	-0.9
E52A	Mattawa	78.31 33	P	P	22 44 34.3	-1.1
WET	Wetzell	78.33 333	eP	P	22 44 35.9	+0.4
GE2C	GERESS Array S	78.34 333	eP	P	22 44 35.4	-0.2
GERES	GERESS Array B	78.34 333	eP	P	22 44 35.4	-0.2
GERES	comp=Z,6.8nm,0.8s,baz=32,slow=5.2,SNR=63	78.34 333	eP	LR	23 21 46.8	
GERES	GERESS Array B	78.34 333	P	P	22 44 34.5	-1.1
G47A	Summer	78.35 38	IAMB	IAMB	22 44 38.8	
J1A1	Grafenberg Arr	78.36 334	IAMB	IAMB	22 44 36.8	
GRF	Grafenberg Arr	78.36 334	eP	P	22 44 36.2	+0.6
CONA	Conrad Obser	78.42 331	IP	P	22 44 36.3	+0.2
F52A	Sundridge	78.47 33	P	P	22 44 35.6	-0.7
OHIL	Hopedale	78.49 42	P	P	22 44 35.5	-1.0
HRD	Orhaniye	78.56 318	P	P	22 44 39.8	+2.9
HERR	Herculane	78.59 325	IP	P	22 44 36.7	-0.3
E53A	Dumouine, Ponti	78.60 32	P	P	22 44 35.9	-1.1
TNS	Tausus Mts	78.69 336	eP	P	22 44 37.6	+0.1
E54A	Lac Dalpat, Po	78.73 32	P	P	22 44 36.7	-1.0
AHRW	Bad Neuenahr-A	78.78 337	eP	P	22 44 38.0	+0.2
ALGO	Algonquin Park	78.82 32	P	P	22 44 36.8	-1.3
TUL1	Leonard	78.83 49	P	P	22 44 38.3	-0.1
D55A	Sainte-Anne-du	78.84 30	P	P	22 44 37.1	-1.2
PUNB	Punginha	78.89 325	IP	P	22 44 38.5	-0.1
BEBN	Eben Emael	78.91 338	P	P	22 44 38.0	-0.5
BEBN	comp=Z,11.4	78.91 338	P	P	22 44 41.4	
BEBN	comp=Z,11.4	78.91 338	P	P	22 44 44.9	-2.0
BEBN	comp=Z,19nm,0.9s	78.91 338	P	P	22 45 08.0	+3.9
PLVB	Pleven	78.93 323	IP	P	22 44 38.5	-0.3
MEM	Membach	79.00 338	P	P	22 44 39.0	0.0
MEM	comp=Z,20nm,1.1s	79.00 338	P	P	22 44 39.0	0.0

MOA	Molln	79.02 332	IP	P	22 44 39.0	-0.4
D56A	ZEC Mazanza, M	79.07 30	P	P	22 44 38.2	-1.3
BSTI	Sart Tilman	79.13 338	P	P	22 44 40.1	+0.3
ABOX	Ablene, Hawle	79.19 54	P	P	22 42 40.5	0.0
BHOU	Houvegnez	79.23 338	P	P	22 44 40.5	+0.2
BHOU	comp=Z,12nm,0.8s,SNR=8.4	79.23 338	P	P	22 45 08.8	+2.8
TX32	Lajitas Array	79.27 59	IAMB	IAMB	22 44 42.7	
TXAR	Lajitas Array	79.27 59	P	P	22 44 41.9	+0.8
TXAR	comp=Z,9.0nm,0.9s,baz=305,slow=4.4,SNR=39	79.27 59	P	pP	22 45 05.7	-0.4
TXAR	comp=Z,5.8nm,0.8s,baz=305,slow=4.4,SNR=59.3	79.27 59	P	pP	22 44 41.4	+0.3
TXAR	Lajitas Array	79.27 59	P	P	22 44 40.2	-0.7
G53A	Haliburton	79.31 33	P	P	22 44 40.2	-0.7
MPPE	Mato Peshtene	79.32 324	P	P	22 44 40.9	-0.1
BCLA	Clavier	79.35 38	IP	P	22 44 40.8	-0.2
D57A	Chemin Vers le	79.39 29	P	P	22 44 40.5	-0.8
E56A	St. Veronique	79.41 30	P	P	22 44 41.0	-0.4
LATO	La Tuque	79.44 28	P	P	22 44 40.9	-0.6
CCM	Cathedral Cave	79.51 45	P	P	22 44 42.1	0.0
CCM	comp=Z,7.0nm,0.8s	79.51 45	P	pmax	22 44 41.9	-0.1
CCM	Cathedral Cave	79.51 45	P	P	22 44 41.9	-0.1
CCM	Cathedral Cave	79.51 45	P	P	22 44 42.1	0.0
SNF	Senefte	79.53 339	P	P	22 44 42.0	+0.1
F55A	Old Lake	79.55 31	P	P	22 44 41.7	-0.5
L48A	N Adams	79.57 39	IAMB	IAMB	22 44 44.9	
BMRD	Meadows	79.60 339	P	P	22 44 42.3	0.0
RJOB	Hochberg	79.60 333	eP	P	22 44 42.0	-0.5
DIM	Dimitrovgrad	79.63 322	P	P	22 44 43.5	+0.8
SPIN	Lafayette	79.65 41	P	P	22 44 42.3	-0.4
SFIN	Lafayette	79.65 41	P	P	22 44 42.5	-0.2
FUR	Fursentfeldbr	79.70 334	eP	P	22 44 43.3	+0.4
STU	Stuttgart	79.78 335	P	P	22 44 43.0	-0.4
STU	comp=Z,20nm,0.6s	79.78 335	P	pmax	22 44 43.0	-0.4
STU	Stuttgart	79.78 335	P	IAMB	22 44 43.0	-0.4
SOKA	Soth	79.79 331	eP	P	22 44 43.2	-0.3
PERS	Pernice	79.80 331	IP	P	22 44 43.4	-0.2
HPIG	Grobnik	79.81 62	P	P	22 44 44.0	+0.0
GROS	Walferdange	79.81 330	IP	P	22 44 43.2	-0.5
WLF	Walferdange	79.82 337	P	sP	22 45 16.1	-3.8
WLF	Walferdange	79.82 337	eP	P	22 44 44.7	+1.1
WLF	comp=Z,1.1nm,0.9s,baz=28,slow=5.7	79.82 337	IAMB	IAMB	22 44 49.6	
E57A	Chemin Saint G	79.83 30	P	P	22 44 43.6	-0.1
DOU	Dourbes	79.83 339	P	P	22 44 42.2	-1.3
N47A	Urbana	79.88 40	IAMB	IAMB	22 44 46.0	
G55A	Calabogie	79.91 32	P	P	22 44 43.1	-1.0
Q44A	Meyer Farm, Va	79.92 43	IAMB	IAMB	22 44 47.3	
PLVO	Plevna	79.96 32	P	P	22 44 44.1	-1.3
Z35A	Perchaven, Sn	79.99 52	P	P	22 44 43.2	-0.6
Z35A	comp=Z,28nm,1.4s	79.99 52	IAMB	IAMB	22 44 46.2	
KBA	Koblenz	80.00 332	IP	P	22 44 44.8	0.0
KDZ	Kurdzhali	80.01 322	P	P	22 44 45.1	+0.4
U40A	Yellville	80.02 47	P	P	22 44 44.1	-0.8
U40A	Yellville	80.02 47	IAMB	IAMB	22 44 45.4	
X37A	Clayton	80.06 50	P	P	22 44 45.3	+0.2
OBKA	Obir	80.10 331	IP	P	22 44 44.7	-0.6
VTS	Vitosa	80.14 324	IP	P	22 44 45.8	+0.2
VTS	Vitosa	80.14 324	P	P	22 44 45.8	+0.2
E58A	La Victoria	80.16 29	P	P	22 44 45.0	-0.4
ORIO	Orleans, Innes	80.18 31	P	P	22 44 44.7	-0.8
DIVS	Divivare	80.20 326	eP	P	22 44 45.0	-0.8
DIVS	Divivare	80.20 326	IAMB	IAMB	22 44 46.2	
P46A	Rosedale	80.20 42	IAMB	IAMB	22 44 48.8	
RZN	Rozhen	80.28 322	P	P	22 44 47.1	+0.7
MYKA	Terra Mystica	80.30 332	eP	P	22 44 45.3	-0.9
H55A	Tweed	80.33 33	P	P	22 44 45.4	-1.0
WATA	Walderalm	80.34 333	eP	P	22 44 46.6	0.0
ALN	Alexandroupoli	80.35 321	P	P	22 44 45.1	-1.4
ALN	Alexandroupoli	80.35 321	IAMB	IAMB	22 44 47.5	
RDO	Rodhopi	80.37 321	P	P	22 44 45.5	-1.1
CRES	Cresnev	80.38 330	IP	P	22 44 46.0	-0.7
CRES	Cresnev	80.38 330	P	P	22 44 45.9	-0.7
WTTA	Wattenberg	80.39 333	eP	P	22 44 47.0	+0.1
BFO	Black Forest	80.43 336	P	P	22 44 45.9	-1.0
BFO	comp=Z,14nm,0.8s	80.43 336	eP	pmax	22 44 46.9	0.0
BFO	Black Forest	80.43 336	eP	P	22 44 45.9	-1.0
BFO	comp=Z,12nm,0.8s,baz=28,slow=5.7	80.43 336	eP			

17d 22h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like MORANE STATE, SUCORRO T-PHASE2, RIDGWAY, etc.

2014 JUL

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like EVR Erytrania, OSSC Observatorio P, Q55A Buckhannon, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like COI Coimbra, PCAS Casimiro, PCBR Castelo Branco, etc.

YER		S	Sn	22 36 28.8	-0.8
YERKESIK	1.87 273	PN	Pn	22 36 06.9	+0.6
ERMEK	1.89 102	iP	Pn	22 36 09.7	+2.9
KADINHANI	1.89 39	iP	Sn	22 36 07.1	+0.4
KDHN		iS	Sn	22 36 27.5	-2.7
KDHN	comp=N,162nm,0.5s	IAML		22 36 31.0	
KDHN	comp=E,176nm,0.4s	IAML		22 36 33.0	
TURN	1.92 262	PN	Pn	22 36 07.2	+4.1
TURN	1.92 262	iP	Pn	22 36 07.1	+4.1
TURN		iS	Sn	22 36 28.2	+4.4
TURN		IAML		22 36 30.0	
MRSB	1.97 261	PN	Pn	22 36 08.2	+0.6
KIZIT	2.06 28	PN	Pn	22 36 09.2	+0.3
USAK	2.08 323	iP	Sn	22 36 08.8	-0.4
USAK		iS	Sn	22 36 33.0	-1.7
USAK		IAML		22 36 34.0	
KRMN	2.12 86	PN	Pn	22 36 12.1	+2.4
KULA	2.13 314	P	Pn	22 36 09.1	-0.7
KULA	2.13 314	PN	Pn	22 36 09.2	-0.6
ARG	2.17 248	PN	Pn	22 36 10.7	+0.5
MANT	2.17 312	iP	Pn	22 36 09.8	-0.7
MANT		iS	Sn	22 36 34.2	-2.8
MANT		IAML		22 36 35.0	
MANT	comp=N,102nm,0.4s	IAML		22 36 36.0	
MANT	comp=E,135nm,0.7s	IAML		22 36 36.0	
GEDZ	2.20 335	PN	Pn	22 36 10.7	-0.1
TEKE	2.21 114	PN	Pn	22 36 13.6	+2.9
GDZ	2.22 337	iP	Pn	22 36 10.8	-0.3
GDZ		iS	Sn	22 36 34.5	-3.5
GDZ		IAML		22 36 38.0	
AUKIR	2.22 358	iP	Pn	22 36 11.5	+0.5
AUKIR		iS	Sn	22 36 36.4	-1.6
AUKIR		IAML		22 36 38.0	
AUKIR	comp=E,234nm,0.4s	IAML		22 36 39.0	
SHAP	2.25 331	PN	Pn	22 36 11.3	-0.2
CIFT	2.33 9	PN	Pn	22 36 12.6	+0.1
AYDB	2.34 293	PN	Pn	22 36 12.3	-0.4
TEVE	2.35 104	PN	Pn	22 36 16.2	+3.4
CHRY	2.35 110	PN	Pn	22 36 13.1	+0.1
SIMA	2.40 328	PN	Pn	22 36 13.1	-0.3
DAT	2.46 263	P	Pn	22 36 14.4	+0.2
DAT		S	Pn	22 36 43.2	-0.3
DAT	2.46 263	PN	Pn	22 36 14.6	+0.5
DAT	2.46 263	iP	Pn	22 36 14.3	+0.2
DAT		iS	Sn	22 36 42.7	-0.7
DAT		IAML		22 36 45.0	
AKMS	2.46 145	P	Pn	22 36 15.1	+0.9
AKMS		S	Pn	22 36 44.3	+0.7
AKMS		AML	AML	22 36 52.7	
AKMS	comp=E,1.9nm,0.4s	AML	AML	22 36 52.7	
ESKT	2.47 4	PN	Pn	22 36 14.5	+0.1
ALFC	2.48 139	P	Pn	22 36 15.3	+0.9
ALFC		S	AML	22 36 43.2	-0.8
ALFC		AML	AML	22 36 46.0	
ALFC	comp=E,1.8nm,0.2s	AML	AML	22 36 46.0	
AUSIV	2.49 17	PN	Pn	22 36 15.2	+0.6
SVRH	2.50 16	PN	Pn	22 36 15.3	+0.6
AKKI	2.52 110	PN	Pn	22 36 18.4	+3.5
AKKU	2.53 110	PN	Pn	22 36 18.4	+3.4
AKK2	2.53 110	PN	Pn	22 36 18.4	+3.4
TVSB	2.56 340	PN	Pn	22 36 15.4	-0.1
KEBE	2.56 103	PN	Pn	22 36 19.1	+3.6
SULT	2.57 63	PN	Pn	22 36 17.4	+1.7
YESI	2.58 108	PN	Pn	22 36 19.2	+3.5
YESI	2.60 73	PN	Pn	22 36 18.2	+0.5
IKL	2.60 107	PN	Pn	22 36 19.3	+3.3
TISA	2.62 109	PN	Pn	22 36 19.3	+3.1
BODT	2.64 271	P	Pn	22 36 16.4	-0.1
BODT	2.64 271	S	Sn	22 36 46.6	-1.3
BODT	2.67 136	PN	Pn	22 36 16.3	-0.2
LEF	2.67 136	P	Sn	22 36 17.5	+0.6
KULU	2.74 43	PN	Pn	22 36 18.9	-0.4
SLFK	2.76 103	PN	Pn	22 36 21.4	+3.4
GCAM	2.77 285	PN	Pn	22 36 17.9	-0.3
NATA	2.77 144	P	Pn	22 36 19.2	+0.9
NATA		AML	AML	22 37 09.2	
NATA	comp=E,3.5nm,0.6s	AML	AML	22 37 12.9	
BORA	2.83 357	PN	Pn	22 36 19.1	0.0
BORAK	2.83 357	iP	Pn	22 36 18.6	-0.5
AUBOZ	2.89 351	PN	Pn	22 36 19.9	0.0
AUBOZ	2.89 351	iP	Pn	22 36 18.9	-1.0
KIZK	2.89 100	PN	Pn	22 36 23.4	+3.5
SZAC	2.94 141	P	Pn	22 36 21.7	+1.1
SZAC		AML	AML	22 36 58.5	
LFK	2.95 126	PN	Pn	22 36 22.9	+2.2
ATHAL	2.95 129	P	Sn	22 36 22.0	+1.3
ATHAL		S	Sn	22 36 54.2	-1.1
SRCK	2.98 0	PN	Pn	22 36 21.5	+0.4
SERF	3.00 50	PN	Pn	22 36 22.5	+1.1
CSS	3.03 133	PN	Pn	22 36 22.8	+1.0
CSS	3.03 133	P	Pn	22 36 22.5	+0.7
DURS	3.05 327	iP	Pn	22 36 21.6	-0.5
DURS		iS	Sn	22 36 58.5	-3.2
DURS		IAML		22 36 58.0	
DURS	comp=N,59nm,0.4s	IAML		22 36 58.0	
DURS	comp=E,96nm,0.3s	IAML		22 36 58.0	
AFSR	3.08 38	PN	Pn	22 36 23.5	+1.1
SMG	3.08 283	P	Sn	22 36 22.0	-0.4
SMG		S	Sn	22 36 56.3	-2.0
ASGA	3.11 136	P	Pn	22 36 23.9	+1.1
ASGA		AML	AML	22 37 14.4	
BLCB	3.13 296	P	Pn	22 36 22.8	-0.2
BLCB	3.13 296	PN	Pn	22 36 22.9	-0.1
MERS	3.14 92	PN	Pn	22 36 26.6	+3.4
YAYK	3.15 52	PN	Pn	22 36 24.7	+1.2
KARP	3.17 243	PN	Pn	22 36 24.2	+0.6
MVOU	3.18 129	P	Pn	22 36 23.9	+0.2
MVOU		AML	AML	22 37 12.0	
MVOU	comp=E,0.5nm,0.4s	AML	AML	22 37 18.2	
MVOU	comp=E,0.8nm,0.6s	AML	AML	22 36 24.4	+0.3
CAVI	3.20 349	PN	Pn	22 36 25.7	+0.3
ANTO	3.29 31	iP	Pn	22 36 26.1	+0.8
ANTO	3.29 31	PN	Pn	22 36 26.6	+0.4
BALIKESIR	3.38 359	PN	Pn	22 36 26.6	+0.3
GULT	3.38 359	PN	Pn	22 36 27.7	+0.4
YUYA	3.44 14	PN	Pn	22 36 27.2	-0.1
URLA	3.44 293	PN	Pn	22 36 27.2	-0.1
MDUB	3.44 7	PN	Pn	22 36 28.1	+0.7
CMRD	3.54 79	PN	Pn	22 36 31.6	+2.9
DKL	3.55 39	PN	Pn	22 36 29.4	+0.2
BRTR	3.57 41	P	Pn	22 37 10.1	-0.4
BRTR	comp=E,3.6nm,0.3s,baz=218,slow=17,SNR=129	S	Sn	22 37 10.1	-0.4
BRTR	comp=E,9.9nm,0.3s,baz=209,slow=26,SNR=9.9	S	Sn	22 36 29.8	+0.6
BRTR	3.57 41	PN	Pn	22 36 29.2	0.0
OSCI	3.57 41	S	Sn	22 37 08.5	-2.0
OSCI		S	Sn	22 36 30.9	+0.3
SAUV	3.69 357	PN	Pn	22 36 31.1	-0.6
ARMT	3.77 323	PN	Pn	22 36 33.0	-0.1
GONE	3.93 328	PN	Pn	22 36 33.0	-0.1
EDC	3.93 328	PN	Pn	22 36 33.0	-0.1
APE	4.07 272	P	Pn	22 36 36.0	+0.2
IDI	4.95 251	iP	Pn	22 36 46.7	-1.1
QRWL	5.42 129	eP	Pn	22 36 55.3	+1.1
HNTI	5.45 135	eP	Pn	22 36 57.9	+1.3
HNTI		Sn	Pn	22 36 57.1	+1.0
RCY	5.55 128	eP	Pn	22 36 57.9	+1.3
SHBL	5.59 130	eP	Pn	22 36 57.7	+0.7
MMAB	5.62 134	Pn	Pn	22 36 57.7	+0.6
GEM	5.64 131	Pn	Pn	22 36 57.7	+0.6
GEM		Sn	Sn	22 37 58.9	-1.6

NATI	Neve Ativ	5.65 131	Pn	Pn	22 36 58.3	+1.1
OFRI	'Ofer	5.70 140	Pn	Pn	22 36 58.1	+0.2
OFRI			Sn	Sn	22 37 59.1	-2.9
BLGI	Bel Behem HaGe	5.72 138	Pn	Pn	22 36 58.8	+0.6
BLGI			Sn	Sn	22 36 00.4	-2.1
SLTI	Salit	6.03 141	Pn	Pn	22 37 07.7	+0.2
MMLI	Mount Malkishu	6.07 138	Pn	Pn	22 37 03.5	+0.5
MMLI			Sn	Sn	22 38 09.2	-1.9
HMDT	Mahul Hemdat	6.27 138	Pn	Pn	22 37 06.7	+1.0
MATC	Natruh	6.34 207	P	Pn	22 37 07.0	+0.2
MATC	baz=209		AMP		22 38 00.0	
MATC	baz=209		S	Sn	22 38 13.1	-4.6
AMAZ	Amatiza	6.55 146	Pn	Pn	22 37 09.9	+0.3
AMAZ			Sn	Sn	22 38 19.9	-3.0
DSI	Dead Sea	6.74 143	Pn	Pn	22 37 12.8	+0.7
YTR	Yatir	6.79 145	Pn	Pn	22 37 13.3	+0.4
YTR			Sn	Sn	22 38 25.9	-2.8
KZIT	Kziot	6.89 152	Pn	Pn	22 37 14.2	+0.1
SLUM	Salum	7.12 220	P	Pn	22 37 16.8	-0.6
SLUM	baz=222		AMP		22 38 00.0	
KOT	Kottamia	7.18 172	P	Pn	22 37 18.7	+0.5
HHAG	Hagoal	7.19 170	P	Pn	22 37 18.6	+0.3
HHAG	baz=169		S	Sn	22 38 32.1	-6.2
HHAG	baz=169		P	Pn	22 37 19.5	+0.6
HMAY	Mayadein	7.24 179	P	Pn	22 37 21.5	+0.4
HNAT	Natroun	7.40 180	P	Pn	22 38 00.0	
HNAT	baz=181		AMP		22 38 00.0	
SUZ	Suez	7.43 165	P	Pn	22 37 21.1	-0.4
HSAF	As Saff	7.46 174	P	Pn	22 37 21.2	-0.7
GLL	Jalalah	7.51 173	P	Pn	22 37 21.6	-1.0
TIRR	Tirguros	7.58 348	iP	Pn	22 37 23.7	+0.2
PRNI	Paran	7.62 150	Pn	Pn	22 37 23.9	-0.2
TLBR	Topalu	7.73 346	iP	Pn	22 37 26.0	+0.5
HRFI	Mount Harif	7.91 151	Pn	Pn	22 37 28.5	+0.4
HRFI			Sn	Sn	22 38 52.9	-3.1
WFS	Vitosh	7.94 317	Pn	Pn	22 37 30.8	+2.2
TOPG	Topogol	8.00 348	iP	Pn	22 37 29.2	0.0
MBRI	Mt Berech	8.08 152	Pn	Pn	22 37 30.4	-0.1
EIL	Eilat	8.21 153	Pn	Pn	22 37 32.6	+0.5
EIL			Sn	Sn	22 38 59.7	-3.5
CFR	Carcaiu	8.33 348	iP	Pn	22 37 33.7	0.0
NBNS	Bani Suef	8.43 176	P	Pn	22 37 35.5	+0.4
SWAZ		8.90 211	P	Pn	22 37 40.0	-1.6
VRI	Vrincioaia	9.28 343	iP	Pn	22 37 48.2	+1.6
PLOR	Plostinia	9.28 343	iP	Pn	22 37 48.4	+1.7
TAMRE	El Minia	9.35 178	P	Pn	22 37 45.6	-2.0
AKAS	Malin Array Be	13.68 356	P	P	22 38 50.8	-0.5
GERES	GERES Array B	17.05 319	P	P	22 39 30.7	+1.9
ARCES	ARCES Array B	32.66 357	P	P	22 41 58.5	-0.2
TORD	Tordi Ar. Bea	35.14 235	P	P	22 42 22.1	+1.3

PRU 17 22:43:29.7±0.0, 49.84N, 18.50E, h0km
 IPEC 17 22:43:29.1±0.2, 49.83N, 18.55E, h0km, 3km, ML1.1/3,
 Error ellipse: s-maj=1.7km s-min=1.1km az=165.0,
 Czech and Slovak Republics

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
OKC	Ostrava-Krasne	0.26 272	Op	22 43 34.4	+0.3
MORC	Moravsky Berou	0.65 266	eP	22 43 38.4	+1.0
MORC	Moravsky Berou	0.65 266	eP	22 43 41.7	+0.1
MORC	Moravsky Berou	0.65 266	eP	22 43 49.5	-0.5
MORC	Moravsky Berou	0.65 266	eP	22 43 47.7	+0.1
MORC	Moravsky Berou	0.65 266	eP	22 43 49.5	-0.6
OJC	Ojcow	0.90 64	eP	22 43 46.0	-0.2
OJC			eS	22 43 58.3	+0.4
LANS	Liptovska Anna	0.91 138	eP	22 43 47.1	-0.6
LANS			eS	22 44 00.7	+0.3
LANS			eL	22 44 05.1	+0.6
JAVC	Velka Javorina				

Table with columns: WB2, WARRMUNGA ARR, 13.36 162, Pn, Pn, 00 39 26.0 +0.3, etc.

MAN 18 01:02:40.6, 5:67N, 127:30E, h6km, mb5.0, ML3.9, MS3.9
NEIC 18 01:02:50.1, 2:7, 5:35N, 0:08, 127:0E, 0.1, h206km, 9km,
mb4.1/1.0, Error ellipse: s-maj=19.7km s-min=10.6km

IDC 18 01:02:54.4, 7.5, 5:45N, 127:15E, h244km, 78km, mb3.4/1.1,
mb1.3/5.11, mb1mx3.2/35, mbtmp4.0/11, Error ellipse:
s-maj=30.8km s-min=16.6km az=72.0

ISC 18 01:02:49.2, 0.7, 5:36N, 0:08, 127:1E, 0.1, h200km, n31,
r145/23, mb3.7/13, 1C-1D, Philippine Islands region

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

SOEI comp=Z, 8.5nm, 0.6s
FITZ Fitzroy Crossi 23.35 183 P P 01 07 41.7 +1.9

WRA Warramunga Arr 26.14 164 P P 01 08 08.1 +3.0

WB2 Warramunga Arr 26.15 164 P P 01 08 06.3 +1.2

AS31 Alice Springs 29.61 167 P P 01 08 37.4 +1.5

CMAR Chiang Mai Arr 30.37 298 P P 01 08 43.7 +1.1

KSRS Korea Array 31.96 1 P P 01 08 56.7 +0.5

PETK Petropavlovsk 53.81 22 P P 01 11 51.1 0.0

MK31 Makanchi Array 56.42 324 P P 01 12 10.8 +0.9

MKAR Makanchi Array 56.42 324 P P 01 12 11.2 +1.3

MAKZ Makanchi 56.61 324 I Amb I Amb 01 12 13.9

NIL Nilore 57.20 307 P P 01 12 13.4 -2.3

ZAAO Zalesovo Array 58.30 332 P P 01 12 28.9 -0.8

ZALV Zalesovo 58.30 332 P P 01 12 30.0 +0.2

ILAR Eielson Array 83.50 21 P P 01 14 53.2 -1.1

ARCES ARCES Array B 90.04 340 P P 01 15 21.3 +0.1

FINES FINESS Array B 90.56 332 P P 01 15 28.6 +0.3

IDC 18 01:22:36.7, 0.6, 38:50N, 144:28E, h0km, mb4.0/2.0,
mb1.4/2.28, mb1mx4.1/42, ML3.8/8, MS3.1/4,
Ms1.3/1.4, ms1mx2.8/32, Error ellipse: s-maj=16.6km
s-min=13.4km az=120.0

NEIC 18 01:22:39.8, 1.8, 38:46N, 0:07, 144:4E, 0.1, h233km, 4km,
mb4.3/2.7, Error ellipse: s-maj=12.9km s-min=9.4km
az=125.0

MOS 18 01:22:40.2, 1.2, 38:77N, 144:23E, h26km, mb4.5/2.1, Error
ellipse: s-maj=8.4km s-min=5.2km az=101.5

NIED 18 01:22:41.2, 38:58N, 144:12E, h43km, MW4.1, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;
Mn=0.12; Mw=1.50; Ms=1.62; Mo=1.2; Mw=0.75; Mw=0.23;
Fault plane solution: M=1.75000*10^15 NPT;
P=238.00000; S=86.00000; T=7.00000; NP2=148.00000;
883.00000; A=176.00000

JMA 18 01:22:41.1, 0.2, 38:58N, 144:12E, h43km, M4.6
ISC 18 01:22:38.9, 2.5, 38:61N, 0:05, 144:33E, 0.05, h13km, 15km,
n151, az09/175, mb4.2/1.1, 14C-5D, Off east coast of
Honshu

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

ERMO Ermo 3.52 346 Pn Pn 01 23 33.5 +0.3

JOT Ohta 3.74 319 eP Pn 01 23 16.4 +0.8

JAW Awa shima 3.98 269 P Pn 01 23 39.7 0.0

JCH Churui 4.07 350 P Pn 01 23 40.3 -0.5

JCH Churui 4.07 350 eS Pn 01 24 24.8 -3.5

JKB Kayabe 4.13 323 P Pn 01 23 41.7 0.0

JKB Kayabe 4.13 323 P Pn 01 24 26.4 -3.5

BS01 Boso 1 4.78 215 P Pn 01 24 17.2 -2.3

NEM2 Nemuro 2 4.87 12 P S Pn 01 23 50.0 -1.8

NEM2 Nemuro 2 4.87 12 eS Pn 01 24 42.8 -5.3

SNMR Nemuro-Hokkai 4.87 12 eP Pn 01 23 49.6 -2.3

NMR NMR 5.04 241 eS Pn 01 24 41.9 -6.2

JRY Ryogami san 5.04 241 eS Pn 01 23 53.0 -1.2

JRY Ryogami san 5.04 241 eS Pn 01 24 06.7 -3.5

JOSM Okushiri-Mats 5.08 315 P Pn 01 23 55.7 +1.0

JOSM Okushiri-Mats 5.08 315 eS Pn 01 24 48.4 -4.8

MJAR Matsushiro Arr 5.28 249 Pn Pn 01 23 56.4 -1.1

Table with columns: MAJO Matsushiro, MAJ2 Matsushiro, MAJ3 Matsushiro, etc.

RUSJ Misakicho 5.53 7 eP Pn 01 24 00.5 -0.4

YUK Yuzh-Kuril'sk 5.54 12 eP Ss 01 23 59.4 -1.7

YUK comp=N, 41nm, 0.2s

YUK comp=E, 106nm, 0.2s

YUK comp=Z, 276nm, 0.2s

YUK comp=N, 295nm, 0.2s

JKA Asahikawa-asahi 5.65 347 Pn Pn 01 24 02.6 0.0

ASAJ Asahikawa 5.65 347 Pn Pn 01 24 03.5 +0.8

ASAJ Asahikawa 5.65 347 Pn Pn 01 24 02.6 0.0

ASAJ Asahikawa 5.65 347 Pn Pn 01 24 02.6 0.0

HJH Hachiojima 2 6.60 215 Pn Ss 01 25 21.4 -9.4

INU Inuyama 6.69 243 Pn Pn 01 24 16.2 -0.7

KUR Kuril'sk 7.12 211 eP Ss 01 24 21.6 -1.2

KUR comp=Z, 80nm, 0.5s

KUR comp=N, 52nm, 0.3s

KUR comp=E, 45nm, 0.4s

KUR comp=Z, 111nm, 2.2s

KUR comp=N, 121nm, 0.5s

YSS Yuzh-Sakhalins 8.42 353 eP Pn 01 24 40.4 -0.1

YSS comp=Z, 10.7nm, 0.5s

YSS comp=Z, 100nm, 15.0s

YSS comp=N, 100nm, 13.0s

TEY Ternei 8.63 321 eP Pn 01 24 45.1 +1.7

TEY comp=N, 30nm, 1.7s

TEY comp=E, 10.0nm, 1.7s

VLA Vladivostok 10.44 300 eP Pn 01 25 10.2 +1.9

USA0B USSuriysk Arra 10.81 305 Pn Pn 01 25 14.6 +1.2

USA0B USSuriysk Arra 10.81 305 Pn Pn 01 25 14.6 +1.2

USA0B USSuriysk Arra 10.81 305 Pn Pn 01 25 13.5 +0.1

USK USSuriysk Arr. 10.81 305 Pn Pn 01 25 14.7 +1.3

JCR Chichiriki 11.62 190 Pn Pn 01 25 22.8 -1.6

JCR Chichiriki 11.62 190 Pn Pn 01 25 22.8 -1.6

JCJ Chichijima 11.62 190 Pn Pn 01 25 21.0 -3.5

JNU Nakatsue 12.20 247 Pn Pn 01 25 31.6 -0.9

MDJ Mudanjiang 12.55 303 Pn Pn 01 25 37.2 +0.1

KSRS Korea Array 12.99 270 Pn Pn 01 25 42.8 -0.3

KSRS Korea Array 12.99 270 Pn Pn 01 25 42.8 -0.3

KLR Kul'dur 13.94 324 Pn Pn 01 25 55.0 -1.0

KLR Kul'dur 13.94 324 Pn Pn 01 25 55.0 -1.0

PEA0B Petropavlovsk 17.19 281 eP Pn 01 26 39.8 +1.2

PEA0B Petropavlovsk 17.19 281 eP Pn 01 26 40.1 +1.5

PETK Petropavlovsk 17.19 28 P Pn 01 26 36.8 -1.9

PETK Petropavlovsk 17.19 28 P Pn 01 26 36.8 -1.9

PETK Petropavlovsk 17.19 28 Pn Pn 01 26 39.8 +1.0

PETK Petropavlovsk 17.19 28 Pn Pn 01 27 17.5 +0.1

HIA Hailar 20.57 309 P I Amb I Amb 01 27 17.4 +0.1

HIA Hailar 20.57 309 P I Amb I Amb 01 27 36.3

MA2 Magadan 21.39 9 P P 01 27 26.6 +0.6

MA2 Magadan 21.39 9 P P 01 27 26.6 +0.6

MA2 Magadan 21.39 9 P P 01 27 26.6 +0.6

MA2 Magadan 21.39 9 P P 01 27 26.6 +0.6

BJT Baijituau 21.80 283 P P 01 27 31.8 +1.2

BJT Baijituau 21.80 283 P P 01 27 31.8 +1.2

BJT Baijituau 21.80 283 P P 01 27 31.8 +1.2

YAK Yakutsk 25.12 344 eP P P 01 28 04.5 +1.3

HHC Hu-ho-hao-te 25.22 286 eP P P 01 28 05.0 +0.5

HHC Hu-ho-hao-te 25.22 286 eP P P 01 28 05.0 +0.5

HHC Hu-ho-hao-te 25.22 286 eP P P 01 28 05.0 +0.5

BOD Bodaibo 27.52 324 eP P P 01 28 22.4 -2.5

BOD Bodaibo 27.52 324 eP P P 01 28 22.4 -2.5

ULN Ulanbaatar 28.45 301 eP P P 01 28 36.3 +2.7

ULN Ulanbaatar 28.45 301 eP P P 01 28 36.3 +2.7

ULN Ulanbaatar 28.45 301 eP P P 01 28 36.3 +2.7

ULN Ulanbaatar 28.45 301 eP P P 01 28 36.3 +2.7

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

XAN Xi'an 28.77 272 P P 01 28 50.9 +3.9

XAN Xi'an 28.77 272 P P 01 28 41.3 +4.8

Table with columns: ZALV Arri, ZALV Arri, comp=Z, 1.1nm, 0.6s, baz=75, slow=1.6, SNR=3.3, etc.

MK31 Makanchi Array 45.26 301 P I Amb I Amb 01 30 57.1 +1.1

MK31 Makanchi Array 45.26 301 P I Amb I Amb 01 30 57.1 +1.1

MKAR Makanchi Array 45.26 301 P P 01 30 56.2 +0.2

MKAR Makanchi Array 45.26 301 P P 01 30 56.2 +0.2

MKAR Makanchi Array 45.26 301 P P 01 30 56.2 +0.2

MKAR Makanchi Array 45.26 301 P P 01 30 56.2 +0.2

MAKZ Makanchi 45.46 301 P P 01 30 57.4 -0.2

MAKZ Makanchi 45.46 301 P P 01 30 57.4 -0.2

MAKZ Makanchi 45.46 301 P P 01 30 57.4 -0.2

MAKZ Makanchi 45.46 301 P P 01 30 57.4 -0.2

WRH Wood River Hill 46.41 34 P P 01 31 05.9 +1.1

DHY Denali Highway 47.56 36 P P 01 31 09.0 +1.3

KURK Kurchatov 46.80 307 eP P P 01 31 08.0 0.0

KURK Kurchatov 46.80 307 eP P P 01 31 08.0 0.0

ILAR Eielson Array 46.92 33 P P 01 31 09.0 0.0

ILAR Eielson Array 46.92 33 P P 01 31 09.0 0.0

ILAR Eielson Array 46.92 33 P P 01 31 09.0 0.0

ILAR Eielson Array 46.92 33 P P 01 31 09.0 0.0

PMG Port Moresby 47.84 176 eP P P 01 31 18.7 +0.8

PMG Port Moresby 47.84 176 eP P P 01 31 18.7 +0.8

BCAR Beaver Creek A 49.25 35 P P 01 31 27.3 +0.7

BRVK Borovoye 51.28 312 eP P P 01 31 45.2 +2.8

HYT Haines Junction 51.65 38 P I Amb I Amb 01 31 46.6 +1.4

HYT Haines Junction 51.65 38 P I Amb I Amb 01 31 46.6 +1.4

INK Inuvik 51.92 28 P P 01 31 47.3 +0.4

INK Inuvik 51.92 28 P P 01 31 47.3 +0.4

INK Inuvik 51.92 28 P P 01 31 47.3 +0.4

INK Inuvik 51.92 28 P P 01 31 47.3 +0.4

KK31 Karatay Array 54.33 300 P P 01 32 06.6 +1.5

KK31 Karatay Array 54.33 300 P P 01 32 06.6 +1.5

KK31 Karatay Array 54.33 300 P P 01 32 06.6 +1.5

KKAR Karatay Array 54.33 300 P P 01 32 05.6 +0.5

KKAR Karatay Array 54.33 300 P P 01 32 05.6 +0.5

KKAR Karatay Array 54.33 300 P P 01 32 05.6 +0.5

KKAR Karatay Array 54.33 300 P P 01 32 05.6 +0.5

NIL Nilore 56.31 288 P P 01 32 19.6 +0.1

NIL Nilore 56.31 288 P P 01 32 19.6 +0.1

NIL Nilore 56.31 288 P P 01 32 19.6 +0.1

NIL Nilore 56.31 288 P P 01 32 19.6 +0.1

ARU Arri 56.71 318 P P 01 32 22.5 +0.5

ARU Arri 56.71 318 P P 01 32 22.5 +0.5

ARU Arri 56.71 318 P P 01 32 22.5 +0.5

ARU Arri 56.71 318 P P 01 32 22.5 +0.5

ABKAR Akbulat array 58.69 310 P P 01 32 35.9 0.0

WRA Warramunga Arr 58.99 191 P P 01 32 36.5 -1.7

WRA Warramunga Arr 58.99 191 P P 01 32 36.5 -1.7

WRA Warramunga Arr 58.99 191 P P 01 32 36.5 -1.7

WRA Warramunga Arr 58.99 191 P P 01 32 36.5 -1.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Westminister Rd, Carrier, Oklahoma City, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Earthquake Lak, Yuzh-Sakhalins, Madison River, etc.

AEIC 18 02:00:44.25, 67.60N:0.06, 161.75W:0.07, h10km, 4km, ML4.2, mb4.0/7(NEIC), Error ellipse: s-maj=9.5km s-min=3.7km az=169.0

MOS 18 02:01:43.4, 1.1, 67.56N:161.84W, h13km, m6/25, Error ellipse: s-maj=20.1km s-min=6.2km az=102.4

Q1M7 18 02:00:46.0, 2.2, 67.61N:0.06, 162.00W:0.1, h10km, 1km, Error ellipse: s-maj=7.2km s-min=2.7km az=325.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like RDOG Red Dog Mine, ANM Nome, IM03 Imo3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like ILAR Eielson Array, RND Reindeer, HDA Harding Lake, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like TX32 Lajitas Array, TXAR Lajitas Array, T50A Nancy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VSR Storzhevoje, CLL Collim, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETROPOLVSK, NRK Noril'sk, IMW Inlian Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOGI Yogyakarta, CMJI Cimerak, SMRI Semarang, etc.

JMA 18 03:39:42.0-0.1, 27.61N x 140.64E, h375km, M3.5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IMAR Indian Mountain, etc.

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

INET 18 03:09:43.7, 12.66N-88.83W, h15km, ML3.7

SNET 18 03:08:46.1, 12.65N-88.78W, h23km, 5km, ML3.3, 1D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALJI Alcaldia de J, COEB Comit de Emé, TECA Tecapa, etc.

VIE 18 03:45:36.5-0.6, 49.67N-18.62E, h0km, mb1.8, 0.3, M2.5/3

PRU 18 03:45:38.0-0.2, 49.84N-18.57E, h0km, Mining Induced Event Csm, E=1.2e-05

ISC 18 03:45:36.8-0.8, 49.83N-18.56E, h0km, n28, e056/43, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

AEIC 18 02:03:15.9-2.3, 67.60N-0.04-161.55W, 0.08, h11km, 4km, M4.1/15, mb4.4/20(NEIC), Error ellipse: s-maj=5.9km

IDC 18 02:03:16.4-0.5, 67.84N-162.10W, h0km, mb4.0/21, mb1.4/3/25, mb1mx4.1/52, mbtmp4.1/25, M4.1/4, M2.5/5, Ms1.3/5, ms1mx3.0/33, Error ellipse: s-maj=17.3km

NEIC 18 02:03:16.9-2.0, 67.56N-0.04-161.77W, 0.1, h15km, 4km, Error ellipse: s-maj=6.0km s-min=5.3km az=122.0

ISC 18 02:03:16.7-0.5, 67.63N-0.06-161.77W, 0.05, h10km, n61, e153/60, mb4.3/27, M3.5/5, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IMOS Imos, etc.

LCND La Caada, LBRF Las Brisas, LALI Serv Mac Est T, SNET SNET

UEES Universidad E, BOQS Boqueron, BOQS Boqueron, JAYA Jaya

TECA Tecapa, UESV Universidad de, UESV Universidad de, LALI Alcaldia de L, LALI LALI

LFRS El Faro, PAVA Las Pavas, PAVA PAVA

TECA Tecapa, UESV Universidad de, UESV Universidad de, LALI Alcaldia de L, LALI LALI

UEES Universidad E, BOQS Boqueron, BOQS Boqueron, JAYA Jaya

TECA Tecapa, UESV Universidad de, UESV Universidad de, LALI Alcaldia de L, LALI LALI

TACO Cerro Verde, CEVE Cerro Verde, CEVE Cerro Verde, SBLF San Blas, SNJE San Jose

SNJE San Jose, RTR El Retiro, UNIC Universidad C, UNIC Universidad C

UEES Universidad E, NUBE Las Nubes, NUBE Las Nubes

MGTO Monteicrto, TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un

DJA 18 03:30:56.0-0.8, 10.5'S-110.0'E, h10km, M3.9/6, ML3.9/6, South of Java

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

Table with columns: Code, Station Name, Az, El, P, S, G, I, A, M, L, Time, Res. Includes stations like LANIS, JAVC, KRLL, NIE, etc.

18d 03:58:56.3; 0.8, 38.31N; 26.57E, h0km, mb3.5/9, mb1.3, G/1.5, mb1mx3.5/4.0, mbtmp3.5/15, ML3.6/6, MS3.8/2, Ms1 3.9/2, ms1mx2.5/4.3, Error ellipse: s-maj=1.5, 7km s-min=1.1, 4km az=105.0

Table with columns: Code, Station Name, Az, El, P, S, G, I, A, M, L, Time, Res. Includes stations like URLA, DGB, KRBN, etc.

Table with columns: S, G, I, A, M, L, Time, Res. Includes stations like SIGR, SAGR, SIGR, SIGR, etc.

Table with columns: S, G, I, A, M, L, Time, Res. Includes stations like SANT, SANT, SANT, SANT, etc.

Table with columns: MLR, Muntele Rosu, 7.26 356 Pn, Pn, 04 00 44.5 +0.3, etc. Includes various station codes and coordinates.

IDC 18 04:22:30.9, 0.11, 285x163, 18E, h0km, mb4.3/11, mb1 4.4/13, mb1mx2.4/39, mbtmp4.3/13, ML4.0/2, MS3.4/3, Ms1 3.4/3, ms1mx2.9/37, Error ellipse: s-maj=29.9km s-min=17.7km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HNR, Honiara, 3.60 300 Op, Pn, 04 23 28.9 -0.6, etc.

Table with columns: MK31, MKAR Makanchi Array, 91.91 317 P, P, 04 35 40.9 -0.3, etc.

IDC 18 04:23:08.6, 5.6, 3, 08S:131.79E, h0km, mb3.6/2, mb1 4.2/3, mb1mx3.7/40, mbtmp4.0/3, ML4.6/1, Error ellipse: s-maj=380.7km s-min=29.5km az=73.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA Warramunga Arr, 16.95 172 Pn, Pn, 04 27 06.5 -0.8, etc.

MAN 18 04:26:13.4, 10.09N:121.47E, h27km, mb4.3, ML3.1, MS2.9, 2C-12, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JAP San Jose, Anti, 0.81 35 I/P, Pn, 04 26 30.4 +0.2, etc.

IDC 18 04:29:35.4, 1.2, 67.99N:162.10W, h0km, mb3.6/5, mb1 3.9/8, mb1mx3.5/49, mbtmp3.7/8, ML3.5/3, Error ellipse: s-maj=36.8km s-min=16.5km az=36.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, RDOG Red Dog Mine, 0.59 315 Op, Pn, 04 29 42.7 -0.9, etc.

IDC 18 04:38:48.9, 0.5, 37.04N:142.51E, h0km, mb4.5/32, mb1 4.6/41, mb1mx4.4/66, mbtmp4.5/41, ML3.7/6, MS3.6/15, Ms1 3.6/15, ms1mx3.3/47, Error ellipse: s-maj=12.6km s-min=11.8km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HNR Honiara, 3.60 300 Op, Pn, 04 23 28.9 -0.6, etc.

IDC 18 04:31:52.6, 0.9, 68.01N:161.81W, h0km, mb3.6/11, mb1 4.0/14, mb1mx3.7/50, mbtmp3.8/14, ML3.9/3, MS3.0/4, Ms1 3.0/4, ms1mx3.5/53, Error ellipse: s-maj=27.5km s-min=13.0km az=38.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, RDOG Red Dog Mine, 0.59 315 Op, Pn, 04 23 03.8 -2.7, etc.

Table with columns: WRH Wood River Hill, 6.44 113 Pn, Pn, 04 33 27.9 -1.1, etc.

IDC 18 04:38:49.4, 37.06N:142.62E, h23km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^19N, Mn=3.93, Mw=1.67, Mww=2.68, Mw=1.94, Mlr=1.15, Fault plane solution: Mw=4.89000x10^15 Np, Np=55.000000, 7.114.000000, -77.000000, NFP2=208.000000, 829.000000, 7.114.000000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JFK Kawauchi, 1.42 282 P, Op, Pn, 04 39 14.1 -2.1, etc.

IDC 18 04:38:51.9, 0.9, 37.34N:142.50E, h23km, mb4.8/30, Error ellipse: s-maj=7.4km s-min=4.6km az=108.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JFM Matsu-tunnel, 3.59 263 Pn, Pn, 04 39 47.0 +1.1, etc.

IDC 18 04:31:53.1, 5.7, 67.56N:162.02W, 0.1, h22km, 5km, Error ellipse: s-maj=7.7km s-min=5.0km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JFH Hachiojima 2, 4.59 211 Pn, Pn, 04 39 58.2 -1.5, etc.

IDC 18 04:31:52.6, 0.9, 68.01N:161.81W, h0km, mb3.6/11, mb1 4.0/14, mb1mx3.7/50, mbtmp3.8/14, ML3.9/3, MS3.0/4, Ms1 3.0/4, ms1mx3.5/53, Error ellipse: s-maj=27.5km s-min=13.0km az=38.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JFH Hachiojima 2, 4.59 211 Pn, Pn, 04 39 58.2 -1.5, etc.

18d 4h

2014 JUL

Table with columns for station call letters, name, frequency, time, and other parameters. Includes stations like RUSJ Misakicho, GRPR Tuman, KUR Kuril'sk, etc.

Table with columns for station call letters, name, frequency, time, and other parameters. Includes stations like H1N13 WAKE ISLAND, XAN Xi'an, H11S1 WAKE ISLAND, etc.

Table with columns for station call letters, name, frequency, time, and other parameters. Includes stations like KPKS Kokpek, MDM Wood River Hill, SATY Saty, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like SUMG, VSU, J08A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like JTH, MIYJ, JKEN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like NJ2, YAK, HHC, etc.

BJJ 18 04:56:30.3, 0.39, 39.72N, 143.41E, h0km, mb4.0/17, mb1.4, 2/23, mb1mx4.0/54, mbtmp4.0/23, ML3.5/6, MS3.5/11, Ms1.3, 5/11, ms1mx3.2/43, Error ellipse: s-maj=18.1km s-min=15.1km az=112.0

Code Station Name Az Az' Phase ID Time Res
GTA Gaotai 0.80 232 P Pg 04 55 41.5 -4.1
GTA comp=N,670nm,0.3s smax smax
GTA comp=E,750nm,0.7s smax smax

BJJ 18 04:56:30.3, 0.39, 39.72N, 143.41E, h0km, mb4.0/17, mb1.4, 2/23, mb1mx4.0/54, mbtmp4.0/23, ML3.5/6, MS3.5/11, Ms1.3, 5/11, ms1mx3.2/43, Error ellipse: s-maj=18.1km s-min=15.1km az=112.0

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NIL Nilore, ARU Arti, KBL Kabul, etc.

IDC 18 05:05:31.0:73.0,14.66S:167.35E, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.7-27, mbtmp4.1/3, Error ellipse: s-maj=1226.0km s-min=114.7km az=65.0, Vanuatu Islands

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

IDC 18 05:24:08.4:0.6:20.03S:70.67W, h0km, mb4.2/13, mb1 4.4/16, mb1mx4.3/34, mbtmp4.3/16, ML4.1/3, MS4.2/18, Ms1 4.2/18, ms1mx4.0/26, Error ellipse: s-maj=18.2km s-min=12.7km az=61.0

NEIC 18 05:24:10.4:2.5:20.16S:0.03:70.87W, h15km, 3km, mb4.8/143, Mw4.9/52, Mw4.9/52, ML4.7(GUC), Error ellipse: s-maj=6.6km s-min=4.6km az=82.0

GUC 18 05:24:10.2:0.7:20.16S:71.03W, h33km, 3km, ML4.6 NEIC 18 05:24:10.5:20.16S:70.87W, h19km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr1.22; Mth-0.02; Mtt-1.20; Mtt-0.45; Mtt-0.72; Mrr-2.31; Fault plane solution: M2.740000*10^16 NP2.167.50000*.875.280000*.198.630000* Principal axes: T 2.6207, Plg59.00000*, Azm90.00000*, N 0.2333, Plg78.00000*, Azm346.00000*; P -2.8541, Plg30.00000*, Azm251.00000*

GCMT 18 05:24:15.4:0.3:20.14S:0.02:71.14W, h0.02 h22km, Mw5.0/96, Moment Tensor Solution. s38.40; s96.3133; Durations: 0 Moment tensor: Scale 10^16Nm; Mrr1.44.21; Mth-0.29.11; Mtt-3.85.14; Mtt-0.57.17; Mtt-0.80.06; Mrr-2.26.17; Best double couple: M1.7.00000*10^16 NP1.349.00000*.830.00000*.92.00000*. NP2.167.00000*.860.00000*.89.00000* Principal axes: T 4.7590, Plg75.00000*, Azm74.00000*, N -0.1200, Plg1.00000*, Azm167.00000*; P -4.6410, Plg15.00000*, Azm258.00000*; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 18 05:24:15.20:16S:70.97W, h28km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr2.98; Mth-0.13; Mtt-3.12; Mtt-1.07; Mtt-0.71; Mrr-3.223; Fault plane solution: M4.630000*10^16 NP1.354.00000*.821.00000*.100.00000*. NP2.163.00000*.869.00000*.86.00000* Principal axes: T 4.4951, Plg66.00000*, Azm66.00000*; N 0.2582, Plg4.00000*, Azm165.00000*; P -4.7532, Plg24.00000*, Azm256.00000*

VAO 18 05:24:28.6:1.2:19.60S:69.88W, h113km, 3km, mb4.5 ISC 18 05:24:12.1:1.2:20.15S:0.03:70.85W, h0.05, h2km, n294.1876/243, mb4.8/68, MS4.4/19, 10C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TA02 Huiquiue, BDFB Brasilia, GUCF Volcan Garzon, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TA02 Diego Aracena, TA01 Diego Aracena, PSGC Pisagua, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PTLB Pontes e Lacer, VILB Vilhena, SAML Samuel, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PCON Cinco Dias, PRAC Prado, VILC Villavicencio, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PET, PEAOB, PETK, YAK, NEW, FFC, JMTT, KBS, BOZ, GRNR, DAG, MCMT, DGMT, HLID, O03E, LAO, SUMG, NRK, SNOW, MDND, BOD, KLR, PDAR, PDAR, PDAR, NVAR, RSSD, DUG, OMMB, K22A, B35A, ERM, ERM, R11A, PSUT, F33A, EYMN, EYMN, TPNV, N23A, FURC, MPMC, ISA, ISA, ISA, PKM, F36A, E38A, LRM, ISCO, ISCO.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISCO, USRK, USRK, TUQ, PV15, SP1M, SP1M, PV13, D41A, PV01, BFSC, GMRC, SNCC, I37A, MVCO, S22A, BELC, SCHO, SCHO, SCHO, SDCC, ARCES, ARCES, ARCES, Y12C, MONP, K38A, E46A, E47A, I42A, N35A, SCIA, LSQQ, CBKS, JFWS, G46A, D50A, L40A, GLMI, GLMI, D51A, E50A, F49A, ANMO, ANMO, E51A, D52A, MAJO, MAJO, MJAR, MJAR, MJAR, MJAR, D53A, 214A, F51A, D54A, E52A, L44A, TUC, F52A, E53A, MOY, MOY, E54A, ALGO, D55A, ZAK, ZAK, ZAK, HDIL, G54A, G53A, AMTX, AMTX, LATQ, I51A, D58A, H53A, ULN, ULN.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSTX, MSTX, G55A, R40A, SONM, SONM, SONM, SONM, SONM, SFIN, E58A, TMCR, H55A, CCM, CCM, CCM, H56A, G57A, WMOK, WMOK, TUL1, TUL1, E60A, MNTX, FVM, O48A, KSRS, KSRS, H57A, KSAR, LONY, LONY, LONY, E62A, G59A, I57A, U40A, N51A, H59A, H58A, T42A, ZALV, ZALV, ZALV, M54A, J57A, P49A, P49A, N52A, ACSO, L55A, H60A, M54A, PRGR, PRGR, J58A, O51A, K57A, W39A, FCAR, I59A, N53A, TJN, F63A, H61A, L56A, WCI, WCI, WCI, M55A, O52A, P51A, LBHN, O53A, PKME, G63A, M56A, L57A, K59A, P52A.

BINY	baz=331	50.29	74	P	P	05 42 21.6	-0.8
MIAR	Binghamton	50.30	95	P	P	05 42 22.5	0.0
MIAR	Mount Ida	50.30	95	Iamb	Iamb	05 42 22.5	0.0
J60A	Lant Hill Farm	50.32	72	P	P	05 42 22.2	-0.3
O54A	Avella	50.40	79	P	P	05 42 22.5	-0.7
O54A	Avella	50.40	79	Iamb	Iamb	05 42 22.5	-0.7
N55A	Marion Center	50.40	78	P	P	05 42 22.3	-1.0
N56A	West Decatur	50.54	77	P	P	05 42 23.3	-1.0
J61A	Chester	50.55	71	P	P	05 42 23.8	-0.5
R50A	Paris	50.56	84	Iamb	Iamb	05 42 25.1	
M57A	Sunshine Farm	50.61	76	P	P	05 42 23.5	-1.3
P53A	Whipple	50.62	81	P	P	05 42 24.2	-0.7
T47A	Sharon Grove	50.63	87	Iamb	Iamb	05 42 25.5	
X40A	Basin Creek Fa	50.64	94	P	P	05 42 24.0	-1.1
Q52A	Bidwell	50.75	82	P	P	05 42 24.9	-0.9
BJI	Beijing	50.75	281	P	P	05 42 26.4	+0.6
BJI	comp=Z,5.0nm,0.9s			pmax	pmax		
BJI	comp=N,300nm,13.7s			LR	LR		
BJI	comp=E,380nm,16.2s			LR	LR		
O55A	Ligonier	50.78	79	P	P	05 42 25.1	-1.0
P54A	Burton	50.87	80	P	P	05 42 25.8	-1.0
K61A	Williamstown	50.88	72	P	P	05 42 26.0	-0.8
KLMR	Klimovskoe	50.91	347	eP	pmax	05 42 25.3	-1.4
KLMR	KLMR	50.91	347	eP	pmax	05 42 25.3	-1.4
KLMR	KLMR	50.91	347	eP	AMP	05 42 25.3	-1.4
J62A	Henniker	50.92	70	P	P	05 42 26.6	-0.5
SSPA	Standing Stone	50.94	77	P	P	05 42 26.0	-1.3
N57A	Milroy	50.96	77	P	P	05 42 26.5	-1.0
O56A	Blue Knob Stat	51.01	78	P	P	05 42 27.1	-0.8
M59A	Waymart	51.06	74	P	P	05 42 27.5	-0.7
WVT	Waverly	51.10	89	P	pmax	05 42 28.0	-0.5
WVT	Waverly	51.10	89	P	P	05 42 28.2	-0.3
WVT	Waverly	51.10	89	P	Iamb	05 42 28.0	-0.5
L60A	Shokan	51.12	73	P	P	05 42 28.2	-0.5
Q53A	Leroy	51.13	81	P	P	05 42 28.1	-0.6
FINES	FINESS Array B	51.13	355	P	P	05 42 28.9	+0.5
FINES	comp=Z,11nm,0.7s,ba=14,slow=8.8,SNR=55			LR	LR	06 03 58.2	
FINES	comp=Z,52nm,19.7s,ba=4.5,slow=36			LR	LR	06 03 58.2	
FINES	FINESS Array B	51.13	355	P	P	05 42 28.3	-0.1
FINES	FINESS Array B	51.13	355	P	P	05 42 28.3	-0.1
TX32	Lajitas Array	51.18	108	Iamb	Iamb	05 42 31.0	
TXAR	Lajitas Array	51.18	108	P	P	05 42 29.9	+0.6
TXAR	Lajitas Array	51.18	108	P	P	05 42 29.5	+0.2
TXAR	Lajitas Array	51.18	108	P	P	05 42 29.5	+0.2
P55A	Reidsville	51.20	79	P	P	05 42 28.7	-0.5
N58A	Sunbury	51.20	76	P	P	05 42 28.4	-0.8
K62A	Royalston	51.26	71	P	P	05 42 29.2	-0.5
Q54A	Coxs Mills	51.27	81	P	P	05 42 29.2	-0.6
Q54A	Coxs Mills	51.27	81	Iamb	Iamb	05 42 33.1	
L61B	Northampton	51.28	72	P	P	05 42 29.0	-0.8
NC20A	NORSAR Array S	51.31	5	P	P	05 42 30.2	+0.3
NC30A	NORSAR Array S	51.38	4	P	Iamb	05 42 30.4	+0.1
O57A	Amberson	51.41	77	P	P	05 42 30.0	-0.7
R53A	Hurricane	51.42	82	P	P	05 42 30.2	-0.7
R53A	Hurricane	51.42	82	Iamb	Iamb	05 42 31.4	
T50A	Nancy	51.47	85	Iamb	Iamb	05 42 32.9	
N59A	State Game Lan	51.48	75	P	P	05 42 30.6	-0.8
K63A	Dunstable	51.49	70	P	P	05 42 31.3	-0.1
Q55A	Buckhamnon	51.55	80	P	P	05 42 31.7	-0.2
U49A	Red Boiling Sp	51.55	87	Iamb	Iamb	05 42 32.6	
NB20	NORSAR Array S	51.56	4	P	P	05 42 31.6	-0.1
NB2	NORSAR Array S	51.56	4	P	P	05 42 31.5	-0.2
NOA	NORSAR Array B	51.56	4	P	P	05 42 31.8	+0.1
NOA	comp=Z,4.9nm,0.9s,ba=355,slow=7.4,SNR=18			LR	LR	06 03 27.5	
P56A	Dayton Farm, R	51.57	79	P	P	05 42 30.9	-1.2
JCT	Junction City	51.57	103	P	P	05 42 31.5	-0.6
JCT	Junction City	51.57	103	Iamb	Iamb	05 42 33.1	
CLTN	Cedars of Liba	51.71	87	Iamb	Iamb	05 42 33.4	
O58A	Lewisberry	51.75	77	P	P	05 42 32.4	-1.0
HHC	Hu-ho-hao-te	51.77	285	eP	P	05 42 35.6	+2.0
HHC	comp=N,390nm,13.6s			LR	LR		
HHC	comp=E,470nm,15.3s			LR	LR		
HHC	comp=Z,390nm,12.8s			LR	LR		
N60A	Cedar Hill Far	51.77	75	P	P	05 42 31.8	-1.6
O59A	Robesonia	51.86	76	P	P	05 42 32.6	-1.5
R54A	Victor	51.92	81	P	P	05 42 33.6	-1.0
S53A	Williamson	51.92	83	P	P	05 42 34.3	-0.4
OXF	Oxford	51.92	91	P	P	05 42 33.9	-0.8
PLAL	Pickwick Lake	52.02	90	P	Iamb	05 42 34.8	-0.7
DGZ	Jazzart, Alta	52.11	310	iP	pmax	05 42 36.0	-0.1
DGZ	comp=Z,8.0nm,1.0s			P	P	05 42 35.1	-1.2
O60A	Telford	52.14	75	P	P	05 42 35.6	-0.8
P58A	Pank, Wackersv	52.16	77	P	P	05 42 35.6	-0.8
R56A	Bull Pasture M	52.32	80	P	P	05 42 37.0	-0.7
P59A	Jarrettsville	52.38	76	P	P	05 42 37.0	-1.0
TZTN	Tazewell	52.38	85	P	P	05 42 37.7	-0.3

S55A	Lewisburg	52.46	81	P	P	05 42 38.0	-0.7
Q58A	Fox Den Farm,	52.50	78	P	P	05 42 37.9	-1.0
T54A	Tazewell	52.68	82	P	P	05 42 39.4	-1.0
R57A	Stanardsville	52.75	79	P	P	05 42 40.0	-0.8
KONO	Kongsberg	52.90	5ceP	pmax	pmax	05 42 42.3	+0.7
T55A	Pulaski	52.93	82	P	P	05 42 41.8	-0.4
V52A	Sevierville	52.98	85	Iamb	Iamb	05 42 44.0	
S57A	Dark Hollow, R	53.05	80	P	P	05 42 42.3	-0.8
TKL	Tuckaleechee C	53.07	85	Iamb	Iamb	05 42 44.1	
R59A	King George, V	53.36	78	P	P	05 42 44.7	-0.5
U55A	TA2, Sparta	53.37	82	P	P	05 42 45.1	-0.4
V53A	Saluda	53.43	84	Iamb	Iamb	05 42 47.0	
SEM	Sempalatinsk	53.50	315	eP	P	05 42 45.3	-1.1
SEM	Semapatinsk	53.50	315	eP	P	05 42 45.4	-1.1
W52A	Murphy	53.51	86	Iamb	Iamb	05 42 47.5	
S58A	Poland Farm, P	53.52	79	P	P	05 42 46.0	-0.5
BRVK	Borovoye	53.55	324ceP	pmax	pmax	05 42 46.1	-0.3
BRVK	Borovoye	53.55	324	P	Iamb	05 42 46.5	0.0
Z47A	Carrollton	53.60	91	Iamb	Iamb	05 42 49.9	
T57A	Hurt	53.61	80	P	P	05 42 46.0	-1.1
KURK	Kurchatov	53.66	317ceP	pmax	pmax	05 42 46.5	-0.8
KURK	KURK	53.66	317	P	P	05 42 46.9	-0.4
KURK	Kurchatov	53.66	317	P	P	05 42 46.7	-0.9
U56A	King	53.76	82	P	P	05 42 47.7	-0.5
V55A	Taylorsville	53.88	83	P	P	05 42 48.7	-0.4
U57A	Blanch	54.08	81	P	P	05 42 49.6	-1.0
VSU	Vasula	54.09	354	eP	P	05 42 50.1	-0.2
VSU	Vasula	54.09	354	iP	pmax	05 42 50.1	-0.2
LRAL	Lakeview Retre	54.16	90	P	P	05 42 50.6	-0.6
W54A	Belton	54.18	84	P	P	05 42 50.9	-0.5
PAULI	Pauline	54.56	84	Iamb	Iamb	05 42 54.6	
X54A	Belton	54.59	85	P	P	05 42 54.0	-0.3
V58A	Windy Hill, Pi	54.73	81	P	P	05 42 54.9	-0.4
U59A	Littleton	54.73	80	Iamb	Iamb	05 42 55.6	
W56A	Indian Trail	54.75	83	P	P	05 42 55.5	0.0
ZSN	Zaisan	54.88	310	eP	P	05 42 56.8	+0.5
ZSN	Zaisan	54.88	310	eP	P	05 42 56.7	+0.4
HODGE	Hodges	54.91	85	Iamb	Iamb	05 42 57.5	
X55A	Gracelyn & Ava	54.94	84	P	P	05 42 56.4	-0.4
W57A	Gilead	54.96	82	P	P	05 42 56.2	-0.8
SLIT	Silitere, Latvi	55.05	357	eP	P	05 42 57.7	+0.4
V59A	Middlesex	55.08	80	P	P	05 42 57.3	-0.6
X56A	White Oak	55.15	83	P	P	05 42 58.1	-0.2
GOGA	Godfrey	55.18	86	P	P	05 42 58.3	-0.3
JSC	Jenkinsville	55.25	84	Iamb	Iamb	05 42 59.6	
Y55A	Saluda	55.32	84	P	P	05 42 59.3	-0.3
152A	Waverly Hall	55.36	88	Iamb	Iamb	05 43 00.1	
W58A	Raeford	55.36	82	P	P	05 42 59.5	-0.3
MOS	Moscow	56.13	347	eP	P	05 43 04.8	-0.3
MK31	Makanchi Array	56.22	312	Iamb	Iamb	05 43 06.3	
MKAR	Makanchi Array	56.22	312	P	P	05 43 05.2	-0.8
MKAR	Makanchi Array	56.22	312	P	P	05 43 05.7	-0.3
MAKZ	Makanchi	56.30	312	P	pmax	05 43 05.5	-1.0
MAKZ	Makanchi	56.30	312	P	Iamb	05 43 05.5	-1.0
NJ2	Nanjing	56.77	274	eP	pmax	05 43 08.4	-1.6
IZAR	Zarasai	56.83	355	eP	P	05 43 11.3	+1.2
OBN	Obninsk	56.84	348	eP	P	05 43 09.5	-0.7
OBN	Obninsk			ePPP	PPP	05 45 12.8	
OBN	Obninsk			ePPP	PPP	05 46 34.2	
ISAL	Salakas	57.01	355	eP	P	05 43 12.3	+1.0
PABE	Paberze	57.14	356	eP	P	05 43 13.2	+1.0
IGN	Ignalina	57.23	355	eP	P	05 43 13.9	+1.0
GTA	Gaotai	57.27	294	iP	sP	05 43 14.5	+0.9
GTA	Gaotai	57.27	294	iP	sP	05 43 19.5	+1.3
GTA	Gaotai	57.27	294	iP	sP	05 43 22.6	+5.7
GTA	comp=Z,9.0nm,1.3s			pmax	pmax		
GTA	comp=Z,63nm,4.5s			LR	LR		
GTA	comp=N,220nm,18.1s			LR	LR		
GTA	comp=E,380nm,17.8s			LR	LR		
WMQ	Urumqi	57.31	306	eP	P	05 43 16.8	+3.0
WMQ	comp=N,87nm,17.5s			LR	LR		
WMQ	comp=E,100nm,15.9s			LR	LR		
ZAIG	Zacatecas	57.56	110	Iamb	Iamb	05 43 17.7	
KLNR	Kalininingrad	58.11	359	iP	pmax	05 43 19.3	+0.2
LZH	Lanzhou	58.80	289	eP	sP	05 43 25.9	+1.5
LZH	Lanzhou			sP	sP	05 43 31.5	+2.5
LZH	Lanzhou			sP	sP	05 43 34.9	+7.1
LZH	comp=Z,29nm,1.0s			pmax	pmax		
TDK	Taldyqorghan	58.95	314	iP	P	05 43 25.4	+0.2
TDK	Taldyqorghan	58.95	314	iP	P	05 43 25.3	+0.2
LPSR	Galich'ya Gora	59.12	345	eP	P	05 43 26.5	+0.3
BTLS	Baital	60.08	317	iP	P	05 43 33.0	+0.1
BTLS	Baital	60.08	317	iP	P	05 43 33.0	+0.1
KPKS	Kokpek	60.29	313	iP	P	05 43 34.6	+0.1

KPKS	Kokpek	60.29	313	iP	P	05 43 34.6	+0.1
CHHK	Chushkaly	60.40	315	eP	P	05 43 34.5	-0.7
VSR	Storozhevoye	60.47	345	eP	pmax	05 43 35.0	-0.5
KUU	Kurly	60.54	315	eP	P	05 43 35.8	-0.3

U54A	Nelsons Funny	57.30 350	P	P	05 56 36.1 +0.5
T57A	Hurt	57.39 352	P	P	05 56 37.7 +0.6
T56A	Rocky Mt	57.52 351	P	P	05 56 38.1 +1.0
V48A	Smith Brothers	57.59 345	Iamb	Iamb	05 56 48.6
T55A	Pulaski	57.72 351	P	P	05 56 39.2 +0.6
T54A	Tazewell	57.79 350	P	P	05 56 39.4 +0.3
S58A	Poland Farm, P	57.85 353	P	P	05 56 39.9 +0.5
T53A	Wise	57.88 349	P	P	05 56 39.5 -0.2
S57A	Dark Hollow, R	58.10 353	P	P	05 56 41.9 +0.7
R58B	Mineral	58.18 354	P	P	05 56 42.4 +0.7
WVT	Waverly	58.22 344	P	P	05 56 41.6 -0.4
WVT	Waverly	58.22 344	P	P	05 56 41.1 -0.9
WVT	Waverly	58.22 344	Iamb	Iamb	05 56 42.5
S55A	Lewisburg	58.32 351	P	P	05 56 43.3 +0.5
TXAR	Lajitas Array	58.45 326	P	P	05 56 44.3 +0.3
TX31	Lajitas Ar, Si	58.46 326	Iamb	Iamb	05 56 46.3
S54A	Dingess, Beckl	58.47 350	P	P	05 56 44.3 +0.5
MIAR	Mount Ida	58.51 338	P	P	05 56 44.5 +0.5
MIAR	Mount Ida	58.51 338	Iamb	Iamb	05 56 45.9
R58A	Rapidan	58.52 353	P	P	05 56 44.9 +0.8
R57A	Stanardsville	58.58 353	P	P	05 56 45.4 +0.9
W41B	Gary Mavity, V	58.63 340	P	P	05 56 45.9 +1.0
WHAR	Wooly Hollow	58.75 340	Iamb	Iamb	05 56 46.7
R54A	Victor	59.17 351	P	P	05 56 46.9 +0.8
Q58A	Fox Den Farm,	59.13 354	P	P	05 56 49.7 +1.4
W39A	Magazine	59.17 338	P	P	05 56 49.7 +1.1
W39A	Magazine	59.17 338	Iamb	Iamb	05 56 51.0
RKT	Rikkites	59.17 255	eLR	LR	06 14 35.0
ABTX	Abilene, Hawle	59.23 332	P	P	05 56 50.1 +0.9
ABTX	Abilene, Hawle	59.23 332	P	P	05 56 49.7 +0.5
ABTX	Abilene, Hawle	59.23 332	Iamb	Iamb	05 56 51.3
Q57A	Strasburg	59.30 353	P	P	05 56 50.2 +0.7
Q56A	Gryder Ridge,	59.39 353	P	P	05 56 51.5 +1.4
Q55A	Buckhannon	59.46 352	P	P	05 56 52.2 +1.5
P59A	Jarrettsville	59.68 355	P	P	05 56 53.0 +1.0
P57A	Homestead Farm	59.70 354	P	P	05 56 53.5 +1.3
P57A	Homestead Farm	59.70 354	Iamb	Iamb	05 56 54.0
P56A	Dayton Farm, R	59.81 353	P	P	05 56 54.5 +1.5
U40A	Yellville	59.91 340	P	P	05 56 53.8 0.0
U40A	Yellville	59.91 340	Iamb	Iamb	05 56 55.2
P54A	Burton	60.11 352	P	P	05 56 55.9 +0.8
HHAR	Hobbs	60.20 339	Iamb	Iamb	05 56 56.9
O57A	Amberson	60.38 354	P	P	05 56 58.4 +1.5
TUL1	Leonard	60.53 337	P	P	05 56 58.7 -0.4
TUL1	Leonard	60.53 337	P	P	05 56 57.6 -0.4
O56A	Blue Knob Stat	60.53 353	P	P	05 56 58.9 +0.9
O55A	Ligonier	60.56 353	P	P	05 56 59.1 +0.9
FVM	French Village	60.67 342	Iamb	Iamb	05 56 59.7
SSPA	Standing Stone	60.83 354	P	P	05 57 00.6 +0.7
N57A	Milroy	60.91 354	P	P	05 57 01.2 +0.7
N58A	Sunbury	60.92 355	P	P	05 57 01.8 +1.2
CCM	Cathedral Cave	60.97 342	P	P	05 57 01.1 +0.1
CCM	Cathedral Cave	60.97 342	P	P	05 57 00.6 -0.4
CCM	Cathedral Cave	60.97 342	Iamb	Iamb	05 57 02.2
O51A	Pataskala	60.97 350	P	P	05 57 01.2 +0.2
N55A	Marion Center	61.09 353	P	P	05 57 02.6 +0.9
ACSO	Alum Creek Sta	61.12 349	P	P	05 57 01.9 0.0
ACSO	Alum Creek Sta	61.12 349	Iamb	Iamb	05 57 02.5
N56A	West Decatur	61.15 354	P	P	05 57 03.0 +0.8
MNTX	Cornudas Mount	61.23 327	P	P	05 57 03.2 +0.3
MNTX	Cornudas Mount	61.23 327	Iamb	Iamb	05 57 04.7
S39A	Bolivar	61.28 340	Iamb	Iamb	05 57 04.0
N54A	Moraine State	61.38 352	P	P	05 57 04.8 +1.0
M58A	Price's Panora	61.43 355	P	P	05 57 05.0 +0.9
M57A	Sunshine Farm,	61.45 355	P	P	05 57 05.0 +0.8
R40A	Maddies Statio	61.49 341	Iamb	Iamb	05 57 05.2
M59A	Waymart	61.53 356	P	P	05 57 05.8 +1.1
T35A	Sooner Cattle	61.69 337	Iamb	Iamb	05 57 07.9
M56A	Emporium	61.70 354	P	P	05 57 06.5 +0.7
L63A	North Scituate	61.71 359	P	P	05 57 06.6 +0.7
M55A	Ridgway	61.74 353	P	P	05 57 07.0 +0.8
M54A	Muleshoe	61.78 330	P	P	05 57 06.7 0.0
M54A	Muleshoe	61.78 330	P	P	05 57 06.3 -0.4
M54A	Muleshoe	61.78 330	Iamb	Iamb	05 57 09.6
M54A	Oil Creek Stat	61.88 353	P	P	05 57 07.9 +0.8
L60A	Shokan	61.91 357	P	P	05 57 08.1 +0.8
M53A	WI Miller and	61.95 352	P	P	05 57 08.2 +0.7
VNA3	Neumeyer Olymp	61.95 161	P	P	05 57 08.1 +0.8
L58A	Harry Jones Me	62.05 356	P	P	05 57 09.6 +1.4
SFIN	Lafayette	62.08 346	P	P	05 57 08.0 -0.4
L59A	Walton	62.15 357	P	P	05 57 09.8 +0.8
BINY	Binghamton	62.22 356	P	P	05 57 10.2 +0.8
L56A	Greenwood	62.28 354	P	P	05 57 10.5 +0.7
L61B	Northampton	62.31 359	P	P	05 57 10.6 +0.6
HRV	Adam Dzewonsk	62.35 359	P	P	05 57 11.0 +0.8
L55A	Hinsdale	62.41 354	P	P	05 57 11.5 +0.8
ERPA	Erie	62.42 352	P	P	05 57 12.3 +0.9

VNA2	Neumeyer-Watz	62.54 161	P	P	05 57 12.3 +1.1
L54A	Sinclairville	62.56 353	P	P	05 57 12.4 +0.8
K59A	Coverstown	62.72 357	P	P	05 57 13.7 +1.0
K58A	Earlville	62.76 356	P	P	05 57 13.7 +0.8
K57A	Scioto Center	62.78 355	P	P	05 57 14.3 +1.2
K56A	Middlesex	62.82 355	P	P	05 57 14.4 +1.0
K55A	Perry	62.92 354	P	P	05 57 14.7 +0.7
319A	Douglas	63.08 323	Iamb	Iamb	05 57 18.7
J61A	Chester	63.21 359	P	P	05 57 17.4 +1.5
I58A	Old Forge	63.64 357	P	P	05 57 19.0 +0.2
J52A	Paris	63.69 352	P	P	05 57 19.4 +0.3
I59A	Olmsteadville	63.70 358	P	P	05 57 19.0 -0.1
I60A	Shoreham	63.72 358	P	P	05 57 20.0 +0.8
I57A	Carthage	63.93 356	P	P	05 57 21.6 +1.0
SNA4	Sanae	64.16 161	P	P	05 57 22.8 +0.8
SNA4	Sanae	64.16 161	P	P	05 57 22.6 +0.6
SNA4	Sanae	64.16 161	Iamb	Iamb	05 57 23.4
I51A	Listowel	64.32 352	P	P	05 57 23.8 +0.6
H58A	Gabriele	64.33 357	P	P	05 57 23.9 +0.6
I55A	Frankford	64.36 355	P	P	05 57 24.2 +0.8
H57A	Richville	64.43 356	P	P	05 57 24.6 +0.6
H59A	Cadyville	64.54 358	P	P	05 57 25.7 +1.1
LONY	Lake Ozonia	64.55 357	P	P	05 57 25.7 +0.9
H56A	Elgin	64.62 356	P	P	05 57 25.8 +0.6
L40A	Anamosa	64.69 343	Iamb	Iamb	05 57 26.6
H53A	Bobcaygeon	64.79 354	P	P	05 57 26.9 +0.6
H52A	Wyevale	65.00 353	P	P	05 57 27.8 +0.2
G57A	Newilton	65.05 357	P	P	05 57 29.2 +1.2
G62A	West of Eustis	65.06 0	P	P	05 57 29.3 +1.3
G62A	West of Eustis	65.06 0	P	P	05 57 29.4 +1.4
G53A	Jewell Farm	65.23 344	P	P	05 57 29.7 +0.5
G53A	Haliburton	65.34 354	P	P	05 57 30.1 +0.3
ORIO	Orleans, Innes	65.43 356	P	P	05 57 30.9 +0.5
K5CO	Kaye Sheddok	65.92 333	P	P	05 57 35.1 +1.2
FS20	Sundridge	66.08 354	P	P	05 57 34.9 +0.3
SFCO	Great Sand Dun	66.14 331	P	P	05 57 36.9 +1.4
E56A	St. Veronique	66.49 357	P	P	05 57 37.5 +0.3
E53A	Dumoine, Ponti	66.50 355	P	P	05 57 37.5 +0.3
MVCO	Mesa Verde	67.15 328	P	P	05 57 42.8 +0.8
MVCO	Mesa Verde	67.15 328	Iamb	Iamb	05 57 43.9
D50A	G1974 Best Tow	67.49 353	P	P	05 57 43.7 +0.1
ECSD	EROS Data Cent	67.80 340	P	P	05 57 46.5 +0.9
ECSD	EROS Data Cent	67.80 340	P	P	05 57 45.2 -0.5
ECSD	EROS Data Cent	67.80 340	Iamb	Iamb	05 57 46.9
ISCO	Idaho Springs	67.86 332	P	P	05 57 47.0 +0.5
SWSC	Sam W. Stewart	68.00 320	P	P	05 57 47.0 -0.1
SPV15	Panox Valley	68.03 329	Iamb	Iamb	05 57 51.1
PM11	Marine on St.	68.05 344	P	P	05 57 47.7 +0.6
PV13	Radium Mtn., P	68.05 329	Iamb	Iamb	05 57 50.1
BC3	Big Chuckawall	68.29 321	P	P	05 57 51.4 +2.3
MONP	Monument Peak	68.34 320	P	P	05 57 50.4 +0.9
U15A	North Rim	68.32 325	Iamb	Iamb	05 57 54.7
N23A	Red Feather Lk	68.90 332	P	P	05 57 54.6 +1.7
LSQO	Lebel-saur-Quev	69.11 356	P	P	05 57 53.7 0.0
GMRC	Granite Mounta	69.21 322	P	P	05 57 57.2 +2.4
O20A	Wheat River C1	69.33 330	P	P	05 57 56.6 +1.1
TUQ	Turquoise Moun	69.82 322	P	P	05 58 01.0 +2.4
MSU	Marysval	70.01 327	P	P	05 58 01.5 +1.7
BFSC	Wheat Baldy Ra	70.02 320	P	P	05 58 01.9 +2.1
QSPA	South Pole Qui	70.02 180	P	P	05 58 00.7 +1.3
QSPA	South Pole Qui	70.02 180	P	P	05 58 00.1 +0.7
QSPA	South Pole Qui	70.02 180	Iamb	Iamb	05 58 02.2
DBIC	Dimbokro	70.20 75	P	P	05 57 58.9 -2.3
DBIC	Dimbokro	70.20 75	Iamb	Iamb	06 28 29.4
EDW2	Edwards Air Fo	70.66 320	P	P	05 58 05.8 +2.2
MPU	Maple Canyon	70.87 328	P	P	05 58 06.8 +1.8
TPNV	Topopah Spring	71.08 323	P	P	05 58 07.7 +2.5
TPNV	Topopah Spring	71.08 323	Iamb	Iamb	05 58 10.9
FURC	Furnace Creek	71.09 322	P	P	05 58 08.8 +2.7
MPMC	Manual Prespec	71.17 322	P	P	05 58 08.9 +2.1
ISA	Isabella, Lake	71.48 321	P	P	05 58 10.9 +2.3
ISA	Isabella, Lake	71.48 321	Iamb	Iamb	05 58 13.1
DUG	Dugway, Toeel	71.60 327	P	P	05 58 11.6 +2.2
DUG	Dugway, Toeel	71.60 327	Iamb	Iamb	05 58 13.0
R11A	Troy Canyon, C	71.70 324	P	P	05 58 12.6 +2.5
PKM	McPherson Peak	71.76 319	P	P	05 58 12.8 +2.3
CWC	Cottonwood Cre	71.78 322	P	P	05 58 12.4 +1.9
VES	Vesuvius, Richgr	71.96 320	P	P	05 58 13.5 +2.1
BW06	Boulder Array	72.01 331	P	P	05 58 14.1 +2.2
PDAR	Pinedale Array	72.01 331	P	P	05 58 12.5 +0.6
PDAR	Pinedale Array	72.01 331	P	P	05 58 12.8 +0.9
HWUT	Hardware Ranch	72.05 329	Iamb	Iamb	05 58 15.4
TBI	Tabuz	72.13 251	eLR	LR	06 20 32.9
AHD	Auburn Hatchec	72.72 330	Iamb	Iamb	05 58 18.3
OMMB	Old Mammoth Mi	73.11 322	Iamb	Iamb	05 58 22.3
TPAW	Teton Pass	73.22 331	Iamb	Iamb	05 57 11.5 +0.8
NVAR	Mina Array Bea	73.28 323	P	P	05 58 21.6 +2.1

NVAR	Mina Array Bea	73.28 323	P	P	05 58 21.3 +1.8
FLWY	Flagg Ranch	73.56 331	P	P	05 58 22.7 +1.7
FLWY	Flagg Ranch	73.56 331	Iamb	Iamb	05 58 25.0
KVN	Kaisersville	73.59 323	Iamb	Iamb	05 58 25.1
PPT2	Papeete2	73.77 257	eLR	LR	06 21 13.9
LAO	LASA Array	73.77 336	Iamb	Iamb	05 58 33.8
WAKR	Walker	73.97 322	Iamb	Iamb	05 58 28.2
GCMT	Greycliff	74.45 333	P	P	05 58 27.6 +1.5
PNTR	Pine Nut	74.47 323	Iamb	Iamb	05 58 30.3
DGMT	Dagmar	74.50 338	P	P	05 58 27.6 +1.4
PAHR	Pah Rah Range	74.76 323	Iamb	Iamb	05 58 32.5
HLID	Hailey	74.91 329	P	P	05 58 31.0 +2.2
BOZ	Bozeman (W)	75.15 332	P	P	05 58 32.1 +2.0
O03E	Drainage Creek	76.53 322	P	P	05 58 38.2 +0.1
BMO	Blue Mountains	77.27 328	P	P	05 58 43.3 +1.1
VNDA	Vanda	77.83 190	P	P	05 58 47.4 +2.6
TORD	Tord Arif, Bea	78.72 71	P	P	05 58 49.5 -1.2
TORD	Tord Arif, Bea	78.72 71	LR	LR	06 32 29.0
TORD	Tord Arif, Bea	78.72 71	Iamb	Iamb	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, BKZ Black Stump, CTA Charters Tower, etc.

NNC 18 06:31:50.0, 1.6, 49.04N, 68.72E, h0km, mb3.5, mpv3.2, sz=59.0, Error ellipse: s-maj=14.5km s-min=5.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OTUK Ortayu, BVAO Borovoye Array, etc.

IDC 18 07:41:00.9, 0.8, 54.18S, 6.17E, h0km, mb4.1/9, mb1.4, 2/10, mb1mx4.1, 2/25, mbtmp4.1/10, ML3.8/14, MS1.3/8/14, ms1mx3.7/19, Error ellipse: s-maj=33.4km

NEIC 18 07:41:02.7, 4.3, 54.06S, 0.09, 5.9E, 0.4, h15km, 5km, mb4.5/9, Error ellipse: s-maj=32.4km s-min=5.12km

GCMT 18 07:41:07.0, 2.0, 54.08S, 0.02, 6.70E, 0.2, h26km, 1km, MW5.0/112, Moment Tensor Solution. s37, C41; s112, c152; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:0.02±.15; Mw:4.09±.14; Mo:4.10±.13; Mo:0.38±.23; Mo:0.14±.11; Mr:1.01±.25; Best double couple; Mo:4.23300x10^16 Np1:0.133 0.00000, d77 0.00000, -7.5 0.00000 - NP2:0.225 0.00000, d85 0.00000, -1.167 0.00000 - Principal axes: T: 4.1310, P1g:0.00000, Azm35.00000; N: 0.2120, P1g:7.00000, Azm246.00000; P: 4.3350, P1g:13.00000, Azm90.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNAA Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H09W1 TRISTAN DA CUN, SYO Syowa Base, BELA Belgrano 2, BOSO Boshof, MAW Matson, etc.

NNC 18 07:44:59.8, 1.3, 40.90N, 76.66E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=8.5km s-min=6.4km az=177.0

SOME 18 07:44:59.5, 40.88N, 76.53E, h15km, ISC 18 07:45:01.0, 3.4, 41.00N, 0.10x1.767E±0.04, h1km, 23km, n38, ±134/53, 7C-2D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULHL Ulahof, KZA Kyzart, IZV Izvestkoviy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURS Kuram, KURS Kurat, KURS Kurat, etc.

IDC 18 08:01:18.4, 2.6, 47.75N, 33.03E, h0km, mb3.4/2, mb1.3/24, mb1mx3.0/38, mbtmp3.1/6, ML2.7/2, Error ellipse: s-maj=34.0km s-min=20.1km az=100.0

ISC 18 08:01:21.4, 2.2, 47.9N, 0.11x32.6E±0.2, h10km, n18, ±130/8, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, AKASG Kurat, AKASG Kurat, etc.

IDC 18 08:01:31.9, 7.5, 21.43S, 178.37W, h556km, 94km, mb3.0/8, mb1.3/3.9, mb1mx3.1/31, mbtmp4.0/9, Error ellipse: s-maj=22.5km s-min=2.8km az=170.0

NEIC 18 08:01:32.2, 2.6, 21.2S, 0.1x1.178E±0.1, h560km, 94km, mb4.3/16, Error ellipse: s-maj=23.1km s-min=10.5km az=132.0

ISC 18 08:01:32.2, 0.6, 21.2S, 0.1x1.178E±0.1, h550km, n34, ±148/34, mb3.9/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsevu, AFI Afiamatu, OUZ Omahuta, etc.

PDAR Pinedale Array 89.73 43 P P 08 13 31.6 -0.8
ARCES ARCES Array B 129.54 349 PKPKP 08 19 37.6 -1.4
ARCES ARCES Array B 144.34 300 PKPKP 08 19 38.0 -0.9
AKASG Malin Array Be 144.34 340 PKPpdf 08 20 02.5 -1.7
AKASG Malin Array Be 144.34 340 PKPpdf 08 20 02.7 -1.5

IDC 18 08:06:18.1,6.8,6.93S,148.92E,h03km,48km,mb3.4/2,
m=13.5/4,mb1mx3.2/3.5,mbmp3.7/4, Error ellipse:
s-maj=95.0km s-min=52.3km az=126.0, New Britain
region

Code Station Name A° AZ° Phase ID Time Res
PMG Port Moresby 3.02 215 P P 08 07 02.9 -1.0
PMG 13m,0.3s,baz=34,slow=4.2,SNR=1.6
WRA Warrunganga Arr 19.17 226 P P 08 10 33.8 -0.7
ASAR Alice Springs 22.02 219 P P 08 11 05.2 0.0
FITZ Fitzroy Crossi 25.25 242 P P 08 11 35.0 -0.8
TORD Torodi Arr Bea 147.16 283 PKPbc PKPbc 08 25 51.9 +0.3

NNC 18 08:14:24.9,2.4,54.27N,86.95E,h0km,mb3.2,mpv3.0,
Error ellipse: s-maj=24.0km s-min=11.8km az=2.0,
Suspected Mining explosion.

IDC 18 08:14:26.0,2.5,54.45N,86.68E,h0km,mb1.3/3.3,
mb1mx3.1/4.2,mbmp3.3/3.3,ML3.2/3, Error ellipse:
s-maj=20.7km s-min=13.1km az=54.0

ISC 18 08:14:26.2,4.1,43.29S,102.86E,0.2,h0km,n9,σ152/15,
3C-8D, Southwestern Siberia

Code Station Name A° AZ° Phase ID Time Res
H46RU ZALESOVO INFRA 1.16 246 I P 08 11 24.3
ZAAO Zalesovo Array 1.16 246 I P 08 14 48.6 +0.3
ZAAO 15m,1.1s
ZALV Zalesovo Beam 1.16 246 P 08 14 48.6 +0.4
ZALV 3.4m,0.3s,baz=68,slow=16,SNR=1.6
ZALV 3.1m,0.3s,baz=62,slow=28,SNR=1.3
ZALV 84m,1.0s,baz=73,slow=34,SNR=1.9
KURK Kurchatov 6.12 236 P P 08 15 59.0 +1.2
KURK 3.7m,1.0s
KURK 3.4m,0.9s
KURK 8.4m,0.8s
KURKB Kurchatov Arra 6.23 236 P P 08 16 01.0 +1.7
KURKB 0.2m,0.3s,baz=54,slow=14,SNR=1.6
KURBB 0.1m,0.3s,baz=52,slow=24,SNR=3.4
KURBB 0.0m,0.3s,baz=54,slow=33,SNR=8.5
KURBB 2.3m,0.4s
KURBB 5.9m,0.6s
KURBB 22m,1.2s
MK31 Makanchi Array 8.12 201 P P 08 16 25.7 +0.4
MK31 0.3m,0.4s,baz=28,slow=13,SNR=1.8
MK31 1.5m,0.9s,baz=24,slow=24,SNR=1.1
MK31 9.6m,1.2s,baz=32,slow=31,SNR=6.4
MKAR Makanchi Array 8.12 201 P P 08 16 26.2 +0.9
MKAR 0.4m,0.3s,baz=25,slow=12,SNR=1.6
MKAR 0.2m,0.3s,baz=25,slow=23,SNR=6.5
MKAR 0.1m,0.3s,baz=33,slow=32,SNR=8.8
MKAR 0.4m,0.3s,baz=70,slow=10,SNR=3.3
BVAR Borovoye Array 9.72 268 P P 08 16 46.6 -0.4
BVAR 0.2m,0.3s,baz=73,slow=25,SNR=3.8
BVAR 0.2m,0.3s,baz=73,slow=25,SNR=3.8

IDC 18 08:33:17.0,0.6,17.46S,63.52W,h0km,mb4.1/16,
mb1.4/3/23,mb1.4/2,mbmp4.1/23,MS3.2/11,
MS1.3/2/11,ms1mx3.1/3.4, Error ellipse: s-maj=14.1km
s-min=11.8km az=1.0

VAO 18 08:33:33.0,0.6,17.40S,63.53W,h10km,mb4.8
NEIC 18 08:33:36.6,1.5,17.47S,63.45W,0.07,h36km,3km,
mb4.5/7.0, Error ellipse: s-maj=9.2km s-min=9.0km
az=206.0

SCB 18 08:33:39.9,1.3,17.53S,63.39W,h85km,58km,ML4.5/1,
MWV3.7, Error ellipse: s-maj=6.1km s-min=4.4km az=1.0

ISC 18 08:33:36.0,4.0,17.51S,63.46W,0.05,h35km,n153,
σ143/126,mb4.4/4.1,MS3.4/5, Central Bolivia

Code Station Name A° AZ° Phase ID Time Res
SIV San Ignacio 2.74 57 P P 08 34 18.9 +0.9
SIV 85m,0.3s,baz=261,slow=11,SNR=1289
SIV 237m,0.3s,baz=341,slow=22,SNR=67
SIV 237m,0.3s,baz=341,slow=22,SNR=67
MOB San Ignacio 2.74 57 P P 08 34 18.7 +0.6
MOB Mochara 4.25 209 P P 08 34 39.2 0.0
BBOE La Paz, Chanca 4.38 278 P P 08 34 42.8 +1.8
BBOE La Paz, Jacaqui 4.55 276 P P 08 34 45.4 +2.0
PTLB Pontes e Lacer 4.63 264 P P 08 34 44.5 +0.6
LPAZ La Paz 4.63 284 P P 08 34 44.8 +0.2
LPAZ 4.4m,0.3s,baz=96,slow=10,SNR=124
LPAZ 4.4m,0.3s,baz=96,slow=10,SNR=124
LPAZ 56m,0.3s,baz=264,slow=13,SNR=7.4
LPAZ La Paz 4.63 284 P P 08 34 44.9 +0.3
LPAZ La Paz 4.63 284 P P 08 34 44.7 +0.1
PB0B La Paz, Bander 4.67 286 P P 08 34 45.5 +0.4
PB0D La Paz, Gloria 4.93 279 P P 08 34 45.1 +1.6
YJA Yavi 5.03 202 P S 08 34 50.9 +1.0
YJA 310nm,0.3s
YJA 5.10 284 P P 08 34 52.8 +1.8
VILB Vilnera 5.51 35 eP P 08 34 55.5 -0.7
PB16 IPOC Station P 5.81 261 P P 08 35 02.8 +2.0
GO01 Chumizma 5.85 248 P P 08 35 01.4 +0.3
PB08 IPOC Station P 5.99 243 P P 08 35 03.8 +0.7
PB08 IPOC Station P 5.99 243 P P 08 35 03.9 +0.7
MNMC Minye Minye 6.05 254 P P 08 35 04.1 +1.2
MNMC Minye Minye 6.05 254 P P 08 35 05.8 +2.0
PB11 IPOC Station P 6.29 248 P P 08 35 07.1 +0.2
PB11 IPOC Station P 6.29 248 P P 08 35 06.5 +0.4
PB12 IPOC Station P 6.62 259 P P 08 35 12.3 +0.8
PSCG Pisagua 6.65 251 P P 08 35 12.1 +0.8
PSCG Pisagua 6.65 251 P P 08 35 12.1 +0.8
PB01 IPOC Station P 6.69 237 P P 08 35 13.2 +0.8
PB01 IPOC Station P 6.69 237 P P 08 35 13.3 +0.8
PB09 IPOC Station P 6.92 231 P P 08 35 17.3 +1.7
TA01 Diego Aracena 7.05 243 P P 08 35 18.0 +0.4
PATOC Punta Patoche 7.21 224 P P 08 35 19.5 -0.3
LVC Limon Verde 7.21 224 P P 08 35 19.5 -0.3
LVC 1.4m,0.3s,baz=61,slow=7.4,SNR=1.0
LVC 0.6m,0.3s,baz=77,slow=20,SNR=9.1
LVC 5.2m,0.3s,baz=118,slow=12,SNR=40
LVC Limon Verde 7.21 224 P P 08 35 21.3 +1.5
LVC Limon Verde 7.21 224 P P 08 35 19.3 -0.5
PB07 IPOC Station P 7.37 234 P P 08 35 22.3 +0.6
SLA San Lito 7.65 251 P P 08 35 22.7 +0.1
SALV Santo Antonio 7.61 79 eP P 08 35 24.7 -0.3
PB15 IPOC Station P 8.00 224 P P 08 35 30.7 +0.3
SAML Samuel 8.51 2 P P 08 35 35.8 +1.0
G002 Mina Guanaco 9.52 216 P P 08 35 51.1 -0.4
CLDB Colider 9.93 49 eP P 08 35 55.7 -1.2
CLDB Colider 9.93 49 eP P 08 35 55.7 -1.2
C25B Chapadao do Su 10.18 98 eP P 08 36 01.0 +0.8

CPUP Villa Florida 10.46 148 Pn 08 36 04.3 +0.3
CPUP 0.2m,0.3s,baz=330,slow=13,SNR=6.8
CPUP 0.2m,0.3s,baz=28,slow=17,SNR=2.1
CPUP 0.67m,18.8s,baz=324,slow=42
CPUP Villa Florida 10.46 148 Pn 08 36 04.0 0.0
ARAC Araguaiana, MT 11.41 83 eP P 08 36 15.6 -0.1
TRCB Terra Rica 11.45 119 eP P 08 36 18.3 +0.7
ITFB Iturama 12.61 102 eP P 08 36 34.0 +0.4
NPGB Novo Progresso 13.06 38 eP P 08 36 37.5 +2.2
NNA Nana 14.05 291 LR LR 08 42 13.5
CFA Brasil 14.69 196 LR LR 08 43 30.3
CFA 0.2m,0.3s,baz=199,slow=28,SNR=4.1
BDFB Coroneil 14.93 95 Pn P 08 37 05.9 +0.7
BDFB 0.4m,0.3s,baz=242,slow=17,SNR=2.0
BDFB 0.3m,0.3s,baz=165,slow=18,SNR=1.4
BDFB 0.6m,0.3s,baz=202,slow=17,SNR=3.8
BDFB 0.6m,0.3s,baz=202,slow=17,SNR=3.8
BDFB 0.6m,0.3s,baz=202,slow=17,SNR=3.8
BDFB 0.6m,0.3s,baz=202,slow=17,SNR=3.8
PTGA Pitanga 17.02 12 Pn P 08 37 04.8 -0.3
PTGA 0.2m,0.3s,baz=196,slow=20,SNR=1.9
PTGA 0.4m,0.3s,baz=47,slow=15,SNR=2.0
PTGA 1.0m,0.3s,baz=274,slow=18,SNR=6.1
PTGA 1.2m,0.3s,baz=274,slow=18,SNR=6.1
PTGA 1.2m,0.3s,baz=274,slow=18,SNR=6.1
PTGA 1.2m,0.3s,baz=274,slow=18,SNR=6.1
PRPB Piritinga 25.12 337 P P 08 37 30.5 -1.4
PRPB Parauapebas 17.46 51 eP P 08 37 37.9 -0.5
SMTB Santa Maria do 17.67 63 eP P 08 37 38.6 -1.4
ATAH Atahualpa 17.85 303 P P 08 37 41.8 -0.8
MACC Macarena, Meta 22.05 331 eP P 08 38 28.8 +0.4
PRAC Prado 23.91 331 eP P 08 38 48.1 +0.7
PLCA Paso Flores 23.94 193 P P 08 38 47.5 0.0
PLCA 2.8m,0.9s,baz=22,slow=9.3,SNR=3.7
ORCA Paso Flores 23.94 193 P P 08 38 47.4 -0.1
ORCA Ortega, Tolima 24.25 330 eP P 08 38 50.7 +0.2
ROSC El Rosal 24.66 333 P P 08 38 56.9 +2.3
ROSC 6.8m,0.5s,baz=126,slow=2.2,SNR=3.5
ROSC 4.3m,0.3s,baz=289,slow=15,SNR=5.3
ROSC 0.2m,0.3s,baz=289,slow=15,SNR=5.3
YOTC Yotoco, Valle 24.85 328 eP P 08 38 50.4 -5.7
MDP Montagnes des 24.88 26 P P 08 38 56.1 -0.1
MDP 0.4m,0.3s,baz=193,slow=8.4,SNR=5.9
MDP 0.2m,0.3s,baz=193,slow=8.4,SNR=5.9
MDP 0.2m,0.3s,baz=193,slow=8.4,SNR=5.9
MDP 0.2m,0.3s,baz=193,slow=8.4,SNR=5.9
RUSC Rusconi 25.12 337 P P 08 39 00.8 +2.0
SPBC San Pablo de B 25.28 335 eP P 08 39 09.9 -1.1
GUYC Guyana, Caldas 25.45 331 eP P 08 39 02.6 +0.4
NORC Norcia 25.54 333 eP P 08 39 03.6 -1.1
BARC Barichara 25.80 337 eP P 08 39 08.4 -1.0
CBOC Ciudad Bolivar 26.32 331 eP P 08 39 05.2 -5.1
HELCL Helena 26.39 332 eP P 08 39 13.3 +1.0
BAUV El Baul 26.67 350 Iamb Iamb 08 39 21.3
BAUV 0.2m,0.3s,baz=22,slow=9.3,SNR=3.7
SDV Santo Domingo 27.16 344 LR LR 08 47 49.4
SDV 0.2m,0.3s,baz=38,slow=12,SNR=1.3
SDV 0.2m,0.3s,baz=38,slow=12,SNR=1.3
SDV 0.2m,0.3s,baz=38,slow=12,SNR=1.3
SDV 0.2m,0.3s,baz=38,slow=12,SNR=1.3
ZARC Zaragoza, Cauc 27.27 335 eP P 08 39 15.0 -2.8
DBBC Dabeiba 27.47 332 eP P 08 39 19.0 -0.3
PCRV Puerto La Cruz 27.57 347 LR LR 08 47 58.4
PCRV 0.2m,0.3s,baz=11,slow=17,SNR=2.5
RCBR Riachuelo 29.33 70 LR LR 08 49 03.6
RCBR 0.2m,0.3s,baz=116,slow=17,SNR=2.1
RCBR 0.2m,0.3s,baz=116,slow=17,SNR=2.1
RCBR 0.2m,0.3s,baz=116,slow=17,SNR=2.1
RCBR 0.2m,0.3s,baz=116,slow=17,SNR=2.1
MATN Matagalpa 37.50 322 P P 08 40 48.5 +1.1
CMIG Matias Romero 46.25 316 P P 08 41 58.5 -0.2
CMIG 0.2m,0.3s,baz=107,slow=9.9,SNR=8.6
TKL Tuckaleechee C 56.27 340 P P 08 43 13.2 -0.4
TKL 0.2m,0.3s,baz=153,slow=10,SNR=10
TKL Tuckaleechee C 56.27 340 P P 08 43 13.1 -0.4
TKL 0.2m,0.3s,baz=153,slow=10,SNR=10
TKL 0.2m,0.3s,baz=153,slow=10,SNR=10
TKL 0.2m,0.3s,baz=153,slow=10,SNR=10
WVT Waverly 58.12 337 P P 08 43 25.0 -1.6
T47A Sharon Grove 58.61 338 P P 08 43 28.4 -1.6
LCAR Lake Charles 59.38 334 Iamb Iamb 08 43 34.6
FCAR Ozark Folk Cen 59.64 333 Iamb Iamb 08 43 36.1
T42A Van Buren 60.18 335 Iamb Iamb 08 43 40.1
TXAR Lajitas Array 60.32 320 P P 08 43 43.2 -1.0
TXAR 1.4m,0.4s,baz=8,slow=8.5,SNR=5.1
TXAR Lajitas Array 60.32 320 P P 08 43 43.5 -0.7
NBXT Abilene, Hawle 60.69 325 P P 08 43 43.6 -0.9
N49A Columbus Grove 61.23 342 P P 08 43 47.1 -0.9
S39A Bolivar 61.67 333 Iamb Iamb 08 43 51.4
W39A 62.38 333 Iamb Iamb 08 43 53.2
WNOK Wichita Mounts 62.27 163 P P 08 43 55.4 +0.7
VNA3 Neumayer Olym 62.27 163 P P 08 43 58.4 +0.4
VNA2 Neumayer-Watz 62.78 162 P P 08 44 00.9 -1.3
MNTX 63.33 320 P P 08 44 02.1
MNTX 0.2m,0.3s,baz=4.4m,1.2s
MSTX Meshoshe 63.43 324 P P 08 44 01.9 -1.1
AMTX Amarillo 63.50 325 P P 08 44 01.9 -1.5
SNA4 Sanae 64.12 162 P P 08 44 09.1 +0.2
SNA4 Sanae 64.12 162 P P 08 44 09.1 +0.2
SNA4 Sanae 64.12 162 P P 08 44 09.3 +0.3
SNA4 Sanae 64.12 162 P P 08 44 10.2
H42A Draeger Farm, 65.39 340 Iamb Iamb 08 44 15.4
ANMO Albuquerque 66.24 322 P P 08 44 21.2 -0.1
ANMO Albuquerque 66.24 322 P P 08 44 21.4 +0.1
SDCO Great Sand Dun 67.69 325 Iamb Iamb 08 44 32.1
F36A 68.70 338 Iamb Iamb 08 44 36.1
X16A Lo Mia Camp, 68.81 319 Iamb Iamb 08 44 39.8
PV01 Paradox Valley 69.68 323 Iamb Iamb 08 44 44.6
PV13 Radium Mtn., 69.84 323 Iamb Iamb 08 44 46.0
PV22 Blue Mesa, Par 70.08 324 Iamb Iamb 08 44 46.8
U15A North Rim 70.74 320 Iamb Iamb 08 44 51.6
TORD Torodi Arr Bea 71.16 69 P P 08 44 52.9 +0.7
TORD Torodi Arr Bea 71.16 69 P P 08 44 52.4 +0.2
AGMN Agassiz Station 71.61 338 Iamb Iamb 08 44 54.0
SCHO Schefferville 72.10 358 P P 08 44 57.7 +0.7
SCHO Schefferville 72.10 358 Iamb Iamb 08 45 02.1
SHPR Sheep Range 72.58 318 P P 08 45 01.5 +1.0
PDAR Pinedale Array 73.34 326 P P 08 45 05.5 +0.0
PDAR Pinedale Array 73.34 326 P P 08 45 05.3 -0.3
TPNV Topopah Spring 73.54 318 Iamb Iamb 08 45 08.3
IMW Indian Meadow 74.95 327 Iamb Iamb 08 45 15.5
ELK Elko 75.27 322 P P 08 45 17.1 +0.8
ELK Elko 75.27 322 P P 08 45 16.4 +0.2
OMMO Old Mammoth Mt 75.69 317 P P 08 45 19.2 +0.0
NVAR Nevada Array Be 75.73 319 P P 08 45 19.5 +0.6
NVAR Mina Array Be 75.73 319 P P 08 45 20.0 -0.2
KVN Kaiserville 75.73 319 P P 08 45 20.0 -0.2
YERR Yerington 76.65 319 Iamb Iamb 08 45 25.6
PNTR Pine Nut 76.94 318 Iamb Iamb 08 45 28.0
VCNR Virginia City 77.09 319 Iamb Iamb 08 45 28.7

PAHR Pah Rah Range 77.16 319 Iamb Iamb 08 45 29.1
MFC Caracas Ranch 77.30 324 Iamb Iamb 08 45 29.8
J08A Circle Bar Ran 77.78 322 Iamb Iamb 08 45 37.9
ESDC Sonseca Array 79.42 43 P P 08 45 40.6 +1.3
ESDC Sonseca Array 79.42 43 P P 08 45 39.0 -0.3
YBH Yreka Blue Hor 80.39 319 P P 08 45 44.2 -0.4
YBH Yreka Blue Hor 80.39 319 Iamb Iamb 08 45 44.5
MAW Mawson 86.59 162 P P 08 46 17.3 +1.4
MAW Mawson 86.59 162 P P 08 46 15.8 0.0
YKA Yellowknife Arr 89.25 339 P P 08 46 28.8 +0.2
DAVOX Davos/Dischmat 91.67 41 LR LR 09 24 42.8
NOA NORARS Array B 97.96 28 LR LR 09 29 07.8
ASAR Alice Springs 135.70 203 PKP PKPpdf 08 52 54.9 +0.7
WRA Warrunganga Arr 138.88 206 PKP PKPpdf 08 53 00.2 +0.1
SONM Songino Array 148.63 13 PKPbc PKPbc 08 53 21.1 -1.0
SONM Songino Array 148.63 13 PKPbc PKPbc 08 53 21.2 -0.3
USRK Ussuriysk Arr 150.37 337 PKPbc PKPbc 08 53 25.5 +0.4
USRK Ussuriysk Arr 150.37 337 PKPbc PKPbc 08 53 24.9 -0.2
MJAR Matsuhiro Arr 150.35 319 PKPbc PKPbc 08 53 31.5 +0.5
MJAR Matsuhiro Arr 150.35 319 PKPbc PKPbc 08 53 30.3 -0.4
KRSR Krasnoyarsk Arr 157.23 335 PKPab PKPab 08 54 01.4 -0.7

JMA 18 08:34:19.4,0.3,41.13N,144.82E,h56km,2km,M2.9
IDC 18 08:34:34.1,3.0,42.42N,144.67E,h0km,mb3.7/4,
mb1.3/4,mb1mx3.4/4.0,mbmp3.7/4,ML2.2/1, Error
ellipse: s-maj=68.9km s-min=33.3km az=11.0

ISC 18 08:34:22.6,3.8,41.38N,144.30E,0.03,h76km,45km,
n21,σ163/19,mb3.4/4, Hokkaido region

Code Station Name A° AZ° Phase ID Time Res
JEM Erimo 1.41 300 P P 08 34 45.4 -1.1
JCH Tokachihiro 1.48 311 S Pn 08 35 05.7 -0.5
JAK Akeshi 1.67 357 eS Pn 08 35 12.1 +1.4
JTH Jichiro 1.68 321 P P 08 35 14.9 -0.9
JCH 0.3m,0.3s,baz=75,SNR=7.1
JKHN Kushirohama 1.77 9 eS Pn 08 35 14.1 +0.6
JKHN 0.3m,0.3s,baz=219,slow=11,SNR=6.2
JNBK Urakawa-nobuka 1.80 303 P P 08 35 14.5 +1.4
JNBK 0.3m,0.3s,baz=75,SNR=7.1
JAR Ashorobuto 2.11 339 P P 08 34 55.6 -0.2
JAR 0.3m,0.3s,baz=75,SNR=7.1
NEM2 Nemuro 2 2.15 19 S Pn 08 34 55.8 -0.6
NEM2 0.3m,0.3s,baz=75,SNR=7.1
JNK Nakashiro 2.26 358 S Pn 08 34 57.3 +0.5
JNK 0.3m,0.3s,baz=75,SNR=7.1
JBT2 Biratori 2 2.32 309 P Pn 08 35 28.5 +2.2
JBT2 0.4m,0.3s,baz=41,slow=19,SNR=1.5
ASAJ Asahikawa 3.23 331 Pn Pn 08 35 12.8 +1.9
ASAJ 0.9m,0.3s,baz=41,slow=19,SNR=1.5
SONM Songino Array 27.90 297 P P 08 40 21.5 +1.6
H1N2 WAKE ISLAND HY 28.58 132 T T 09 10 17.1
H1N1 WAKE ISLAND HY 28.59 132 T T 09 10 18.6
H1N3 WAKE ISLAND HY 28.60 132 T T 09 10 20.3
H1S1 WAKE ISLAND HY 29.46 134 T T 09 11 32.1
H1S3 WAKE ISLAND HY 29.47 134 T T 09 11 24.1
H1S2 WAKE ISLAND HY 29.48 134 T T 09 11 24.1
ILAR Eielson Array 44.47 35 P P 08 42 40.4 +1.5
FINES Finse Array B 66.23 333 P P 08 45 16.3 +1.4
NOA NORARS Array B 71.22 338 P P 08 45 47.7 +1.5

IDC 18 08:56:44.6,4.3,51.84N,178.52E,h82km,39km,mb3.6/17,
mb1.3/7/19,mb1mx3.5/7.3,mbmp3.9/19, Error ellipse:
s-maj=26.5km s-min=11.9km az=176.0

NEIC 18 08:56:45.5,1.5,51.77N,0.1,178.44E,0.08,h102km,4km,
mb4.2/5.0, Error ellipse: s-maj=17.7km s-min=7.1km
az=185.0

AEIC 18 08:56:47.2,2.51,73N,0.08,178.48E,0.07,h95km,4km,
Error ellipse: s-maj=12.2km s-min=4.8km az=162.0

ISC 18 08:56:45.8,0.6,51.74N,0.10,178.41E,0.04,h100km,
n116,σ196/118,mb4.0/39, Raitale Islands

Code Station Name A° AZ° Phase ID Time Res
LSSE Little Sitkin 0.22 27 Op Pn 08 57 00.3 +0.3
LSSA Little Sitkin 0.22 17 Pn 08 57 00.2 +0.1
LSNW Little Sitkin 0.24 16 Pn 08 57 00.2 +0.1
LSPA Little Sitkin 0.24 25 Pn 08 57 00.2 +0.1
AMKA Amchitka 0.66 123 Pn Pn 08 57 02.5 -0.3
AMKA 0.2m,0.3s,baz=64,slow=10,SNR=12
CETU Semis' Tuman 0.71 71 Pn 08 57 14.8 -0.8
CESW Semis' Southwe 0.73 77 Pn 08 57 03.8 +0.5
CEAF Semis' Anvil 0.77 69 Pn 08 57 03.9 -0.0
CERB Semis' Cerberu 0.78 75 Pn 08 57 18.7 +1.5
CERA Semis' Rag'd T 0.81 77 Pn 08 57 04.0 -0.2
GAEA Gareloi East 1.77 87 Pn 08 57 15.3 0.0
TASE Tanaga Southea 2.21 86 Pn 08 57 20.8 -0.3
TAFP Tanaga Falls P 2.24 84 Pn 08 57 20.9 -0.6
TAPA Tanaga Point A 2.35 87 Pn 08 57 47.4 +1.4
KIMD Kanaga Island 2.71 88 Pn 08 57 27.1 -0.4
KICM Kanaga Island 2.73 84 Pn 08 57 27.6 -0.3
KIKV Kanaga Island 2.75 85 Pn 08 57 27.6 -0.5
SMY Shemya 2.83 292 Pn 08 57 29.2 0.0
ADK Adak 3.05 85 Pn 08 57 31.3 -0.7
GSTD Great Sitkin T 3.39 82 Pn 08 57 36.3 -0.4
GSMY Great Sitkin M 3.44 83 Pn 08 57 36.8 -0.6
GSTR Great Sitkin T 3.44 82 Pn 08 57 36.8 -0.7
ATKA Atka Island 4.59 91 Pn 08 57 42.4 +0.8
NIKH Nikolski High 7.90 91 Pn 08 58 39.5 +1.2
SPIA Saint Paul Isl 8.56 46 Pn 08 58 49.2 +2.6
MAPS Pakushin South 9.12 71 Pn 08 58 53.1 -1.2
UNVS Unalaska Valle 9.38 71 Pn 08 58 58.9 +1.1
AKUT Akutan 9.85 70 Pn 08 59 04.7 +0.5
PEAB Petropavlovsk- 12.71 284 Pn 08 59 45.5 +0.8
PETK Petropavlovsk- 12.71 284 Pn 08 59 43.5 +0.9
PETK 0.2m,0.3s,baz=64,slow=10,SNR=12
PETK 0.5m,0.3s,baz=128,slow=16,SNR=1.8
SDPT Sand Point 13.05 66 Pn 08 59 45.2 -1.9
SII Sitkinak Island 16.70 62 Pn 08 59 33.8 -0.3
SVW2 Sparrevohn 17.05 47 P P 09 00 40.1 +2.1
KDKA Kodiak Island 17.70 59 P P 09 00 42.7 -2.3
KDKA 0.4m,0.3s,baz=236,slow=3.5,SNR=23
RSD Kodiak Island 17.70 59 P Pn 09 00 45.1 -0.3
SKT Skwentna 19.18 46 P P 09 01 02.8 -0.4
SEW Seward 19.68 52 P P 09 01 07.5 +0.9
SEW 0.2m,0.3s,baz=118,slow=12,SNR=40
IMAR Indian Mountain 20.01 34 P P 09 01 11.1 +0.9
TRF Thorofore Moun 20.22 42 P Pn 09 01 13.8 -1.6
HNF Hinchoinbrook I 21

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Includes stations like HDA Harding Lake, ILAR Eielson Array, KAIM Kayak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Includes stations like SANV Saratouku, DZM Mont Dzumac, DZM 17nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Includes stations like PPT2 Papeete2, PPT2 comp=Z,822nm,33.0s, PPT Papeete, etc.

18d 8h: 29.4, 0.4, 16.265s; 168.74E, h0km, mb5.0/31, mb1 5.0/32, mb1mx4.9/46, mbtmp5.0/32, ML5.0/1, MS4.0/23, MS1 4.0/23, ms1mx4.0/25, Error ellipse: s-maj=13.9km s-min=12.6km az=109.0

18d 8h: 31.8, 0.1, 16.165s; 168.61E, h23km, mb5.4/29, MS4.3/5, Error ellipse: s-maj=9.8km s-min=8.0km az=33.8 NEIC 18d 8h: 35.0, 2.1, 16.215s; 0.07, 168.46E; 0.07, h35km, 1km, mb5.2/27, Error ellipse: s-maj=13.6km s-min=10.1km az=219.0

GCMT 18d 8h: 34.0, 0.2, 16.205s; 0.02, 168.55E; 0.01, h16km, MW5.0/108, Moment Tensor Solution. s48, c61; s108, c164; Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.25e-18; M0: 0.25e-13; M0: 3.00e-12; Mo: 1.43e-42; Mw: 2.46; Ms: 1.98; Best double couple: Mw: 6.700e+16 NP: 1.58, 0.00000; 646.00000; 1.36, 0.00000; 192.00000; 860.00000; 1.53, 0.00000; Principal axes: T: 7570, Plg58, 0.000; Azm: 0.000; N: -0.1760, Plg31, 0.000; Azm: 202.000; P: -4.5820, Plg8, 0.000; Azm: 297.000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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Table with columns: ID, Name, Az, El, S, P, M, L, R, Time, Res. Includes entries like NEW Newport, DUG Dugway, BGU Big Grassy Mtn, etc.

Table with columns: ID, Name, Az, El, S, P, M, L, R, Time, Res. Includes entries like NOA NORARS Array, HFS Hugin Array, AKASG Malin Array, etc.

Table with columns: ID, Name, Az, El, S, P, M, L, R, Time, Res. Includes entries like IPMB Ipermeri, BDFB Brasilia, BDFB Novo Progresso, etc.

NNC 18 09:08:41.20-0.71:57N-75:49E, h0km, mb3.2, mpv2.8, 8C-4D, Error ellipse: s-maj=13.3km s-min=4.4km az=25.0, Suspected Mining explosion., Eastern Kazakhstan

IDC 18 09:14:56.3-2.8:53'S-87:81'E, h0km, mb1.3,3/3, mb1.1x3.0/5.3, mb1.0x3.3/3, ML2.8/3, Error ellipse: s-maj=23.5km s-min=14.7km az=70.0, Southwestern

Mn=2.88; Mns2.65; Mns0.24; Mns2.76; Mns-4.90; Mns2.27;
 Fault plane solution: M6.59000x1015 NP1;
 0.271,00000; 3.66,00000; -1.43,00000. NP2:
 0.164,00000; 3.57,00000; -1.29,00000.
 NEIC 18 11:41:44.7z 1.9,42.02N,0.06:144.19E:0.08, h40km,4km,
 mb4.6/62 Error ellipse: s-maj=9.4km s-min=7.3km
 az=137.0
 SKHL 18 11:41:44.6z 0.4,42.00N:144.20E, h47km±1km, mb4.9/10
 JMA 18 11:41:44.0z 0.1,42.12N:144.06E, h61km±2km, M4.6
 Broadband fault plane solution: P waves. NP1:
 0.136,00000; 3.63,00000; -1.63,00000. NP2:
 0.285,00000; 3.57,00000; -1.09,00000. Principal axes:
 T P1g10.00000; Azm29.00000; N P1g16.00000;
 Azm296.00000; P P1g71.00000; Azm150.00000.
 JMA Felt II J1
 ISC 18 11:41:44.4z 0.5,42.02N:0.04:144.17E:0.04, h35km±2km,
 m269, s1544/247, mb4.5/64, MS4.0/36, 12C-6D, Hokkaido
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JTHR	Tokachihiroo	0.67	295	Op	11 41 57.0	+0.3
JTHR		eS		Sn	11 42 06.3	-0.2
ERM	Ermo	0.71	270	PN	11 41 58.8	+0.9
ERM				Sn	11 42 08.8	
ERM	Ermo	0.71	270		11 41 58.8	+0.9
ERM				Sn	11 42 08.8	+1.1
ERM	Ermo	0.82	217	↑P	11 42 02.2	-0.3
JCH	Churui	0.71	270	PN	11 41 58.7	-0.7
JCH				Sn	11 42 08.8	-1.5
JOH	Onbets	0.91	347	↑P	11 41 59.9	-0.8
JOH				Sn	11 42 11.6	-1.0
JNK	Urakawa-nobuka	1.05	285	P	11 42 02.2	-0.3
JAK	Akkeshi	1.07	24	↑P	11 42 02.1	-0.7
JAK				Sn	11 42 16.1	-0.4
JSHD	Hidakashinida	1.28	288	P	11 42 05.9	+0.1
JAR	Ashorobuto	1.31	349	P	11 42 05.0	-1.1
JAR				Sn	11 42 20.3	-2.0
JKH	Kushirohakanak	1.32	36	↑P	11 42 06.0	-0.2
JBT2	Bitorai 2	1.50	301	↑P	11 42 07.4	-1.4
JFR	Furan	1.60	316	P	11 42 08.9	-1.3
JNK	Nakash	1.63	16	↑P	11 42 09.2	-1.4
JNK				Sn	11 42 28.0	-2.3
JIAM	Iburiatsuma	1.74	291	P	11 42 14.4	+2.4
NMR	Nemuro-Hokkai	1.80	41	↑P	11 42 12.0	-0.9
NMR				Sn	11 42 33.9	-0.6
NMR	Nemuro-Hokkai	1.80	41	↑P	11 42 12.0	-0.9
NMR				Sn	11 42 33.9	-0.6
NEM2	Nemuro 2	1.81	41	↑P	11 42 12.0	-0.9
NEM2				Sn	11 42 33.9	-0.6
RUSJ	Misakicho	2.25	216	↑PN	11 42 19.0	0.0
RUSJ				Sn	11 42 45.0	-0.5
GRPR	Tuman	2.32	31	iP	11 42 19.9	-0.1
GRPR				AMB	11 42 22.0	
GRPR	1µm,0.3s			iS	11 42 46.4	-0.9
GRPR				A	11 42 50.7	
GRPR	9µm,0.4s			A	11 42 50.7	
GRPR	5µm,0.4s			A	11 42 19.9	-0.1
GRPR	Tuman	2.32	31	↑PN	11 42 19.9	-0.1
GRPR				iS	11 42 46.4	-0.9
GRPR				pmx		
GRPR	comp=Z,1µm,0.3s					
GRPR	comp=N,517nm,0.2s			pmx		pmx
GRPR	comp=E,516nm,0.4s			pmx		pmx
GRPR	comp=N,9µm,0.4s			smx		smx
GRPR	comp=N,9µm,0.4s			smx		smx
JKA	Kamikawa-asahi	2.38	333	eP	11 42 20.8	0.0
JKA				Pn	11 42 20.7	-0.1
JKA	Kamikawa-asahi	2.38	333	PN	11 42 49.5	+0.8
ASAJ	Asahikawa	2.38	333	Pn	11 42 19.2	-1.6
ASAJ				Sn	11 42 48.4	-0.4
ASAJ	Asahikawa	2.38	333	PN	11 42 20.7	-0.1
ASAJ				Pn	11 42 49.5	
YUK	Yuzh-Kuril'sk	2.39	32	iP	11 42 20.5	-0.5
YUK				AMB	11 42 23.9	
YUK	comp=E,2µm,0.3s			iS	11 42 47.3	-1.7
YUK				A	11 42 52.0	
YUK	comp=E,8µm,0.5s			A	11 42 52.0	
YUK	comp=E,6µm,0.5s			iS	11 42 20.5	-0.5
YUK	Yuzh-Kuril'sk	2.39	32	↑PN	11 42 20.5	-0.5
YUK				Pn	11 42 48.4	-0.6
YUK				pmx		pmx
YUK	comp=N,957nm,0.3s			pmx		pmx
YUK	comp=E,1µm,0.3s			pmx		pmx
YUK	comp=Z,2µm,0.3s			smx		smx
YUK	comp=N,5µm,0.5s			smx		smx
YUK	comp=E,5µm,0.5s			smx		smx
KUR	Kuril'sk	4.21	39	iP	11 42 46.7	+0.7
KUR				AMB	11 42 53.3	
KUR	comp=E,252nm,0.3s			iS	11 43 32.8	-1.2
KUR				A	11 43 41.9	
KUR	comp=E,479nm,0.4s			A	11 43 41.9	
KUR	comp=E,626nm,0.4s			A	11 43 41.9	
KUR	Kuril'sk	4.21	39	↑PN	11 42 47.0	+1.0
KUR				iS	11 42 47.0	+1.0
KUR				pmx		pmx
KUR	comp=Z,755nm,2.8s			pmx		pmx
KUR	comp=Z,311nm,0.8s			pmx		pmx
KUR	comp=N,121nm,0.3s			pmx		pmx
KUR	comp=E,161nm,0.3s			smx		smx
KUR	comp=E,505nm,0.4s			smx		smx
YSS	Yuzh-Sakhalins	5.03	349	eP	11 42 57.0	-0.3
YSS				AMB	11 42 58.0	
YSS	comp=N,20nm,0.3s			eS	11 43 53.8	-0.3
YSS				A	11 43 54.0	
YSS	comp=N,130nm,1.0s			A	11 43 54.0	
YSS	comp=N,60nm,1.0s			A	11 42 57.8	+0.5
YSS	Yuzh-Sakhalins	5.03	349	ePN	11 42 57.8	+0.5
YSS				pmx		pmx
YSS	comp=Z,20nm,0.3s			MLR		MLR
YSS	comp=N,60nm,13.0s			MLR		MLR
YSS	comp=Z,600nm,13.0s			MLR		MLR
YSS	comp=E,600nm,12.0s			MLR		MLR
YSS	Yuzh-Sakhalins	5.03	349	eP	11 42 57.1	-0.2
YSS	Tenei	6.24	301	PN	11 43 15.8	+2.0
YSS				AMB	11 43 30.0	
MJAR	Matsushiro Arr	7.13	222	PN	11 43 26.2	+0.1
MJAR				AMB	11 43 30.0	
MJAR	comp=E,12nm,0.7s			SN	11 44 26.8	+0.9
MJAR	comp=E,0.9nm,0.3s,baz=25,slow=13,SNR=63			SN	11 44 26.8	+0.9
MJAR	baz=19,slow=25,SNR=2.4			LR	11 46 43.7	
MJAR	comp=E,498nm,21.1s,baz=35,slow=42			LR	11 43 27.1	+0.9
MJAR	Matsushiro Arr	7.13	222	PN	11 43 27.1	+0.9
MJAR				Pn	11 43 27.6	+1.4
MJB9	Matsushiro Tunnel	7.13	222	PN	11 43 27.7	+1.6
MJAJO	Matsushiro	7.13	222	↑PN	11 43 27.7	+1.6
MJAJO				Pn	11 43 27.6	+1.4
MAT	Matsushiro	7.13	222	PN	11 44 47.1	+1.2
MAT				S	11 43 48.9	+1.7
INU	Inuyama	8.66	222	PN	11 43 52.9	+2.5
TYV	Tymovskoe	8.91	354	eP	11 44 00.0	
TYV				AMB		
USRK	Ussuriysk Ar.	9.13	288	PN	11 43 53.8	+0.2

USRK	comp=E,323nm,20.1s,baz=89,slow=40	LR	11 47 37.4			
USRK	Ussuriysk Ar.	9.13	288	PN	11 43 52.4	-1.2
USRK	Ussuriysk Ar.	9.13	288	PN	11 43 52.4	-1.2
JHJ2	Mitsue	9.52	203	PN	11 43 58.8	-0.1
JHJ	Hachijo jima 2	9.52	203	PN	11 43 58.3	-0.6
JHJ	comp=E,23nm,0.3s,baz=18,slow=20,SNR=12	SN	11 43 58.6	-6.1		
JHJ	comp=E,47nm,0.3s,baz=79,slow=19,SNR=9.0	SN	11 44 10.3	+1.7		
GRNR	Gorny	10.23	331	eP	11 44 10.3	+1.7
GRNR				AMB	11 44 10.3	+1.7
GRNR	comp=E,1.0nm,0.8s			PN	11 44 10.3	+1.7
GRNR				pmx		pmx
GRNR	comp=Z,1.0nm,0.8s			MLR		MLR
GRNR	comp=E,220nm,16.0s			MLR		MLR
GRNR	comp=N,170nm,18.0s			MLR		MLR
GRNR	comp=Z,240nm,18.0s			MLR		MLR
KLR	Kul'dur	11.26	314	PN	11 44 24.1	+1.5
PET	comp=Z,0.1nm,0.3s,baz=114,slow=11,SNR=6.6	LR	11 48 58.3			
KLR	comp=Z,248nm,21.6s,baz=128,slow=39	PN	11 44 25.0	+2.3		
KLR	Kul'dur	11.26	314	eP	11 44 25.0	+2.3
KLR	Kul'dur	11.26	314	iPN	11 44 25.0	+2.3
OKH	Okha	11.27	356	eP	11 44 28.5	
OKH				AMB	11 44 28.5	
SKR	Severo-Kuril's	11.98	40	eP	11 44 32.0	-0.5
SKR				AMB	11 44 38.0	
SKR	comp=Z,18nm,0.8s			ePN	11 44 31.7	-0.8
SKR	Severo-Kuril's	11.98	40	eS	11 46 53.3	+8.5
SKR				pmx		pmx
SKR	comp=Z,34nm,1.1s			MLR		MLR
SKR	comp=Z,200nm,16.0s			MLR		MLR
SKR	comp=Z,200nm,19.0s			MLR		MLR
KSRS	Korea Array	13.27	255	PN	11 44 55.1	+1.5
KSRS	comp=Z,0.1nm,0.3s,baz=69,slow=13,SNR=8.5	LR	11 50 03.1			
EKMR	Ekimchan	13.37	330	eP	11 44 52.0	+0.6
JNC	Nakatsue	13.73	234	LR	11 50 31.9	
JNC	comp=Z,181nm,19.3s,baz=31,slow=39	LR	11 50 31.9			
INCH	Inchon	14.19	257	P	11 45 01.1	-1.6
INCH	Inchon	14.19	257	P	11 45 01.1	-1.6
PEA0B	Petrovoplovsk-	14.37	35	iP	11 45 03.2	-1.8
PEA0B	Petrovoplovsk-	14.37	35	Pn	11 45 02.6	-2.4
PETK	Petrovoplovsk-	14.37	35	Pn	11 45 02.2	-2.8
PETK	comp=Z,0.7nm,0.3s,baz=192,slow=14,SNR=22	LR	11 51 28.0			
PETK	comp=Z,240nm,18.5s,baz=229,slow=41	LR	11 51 28.0			
PETK	Petrovoplovsk	14.72	37	eP	11 45 07.3	-2.5
PET	Petrovoplovsk	14.72	37	eP	11 45 17.9	+1.3
PET				eS	11 47 58.3	+6.7
PET				MLR		MLR
PET	comp=Z,300nm,20.0s			MLR		MLR
JCJ	Chichijima	14.97	187	PN	11 45 10.8	-2.5
JCJ	comp=Z,4.4nm,0.3s,baz=279,slow=22,SNR=7.7	SN	11 47 45.7	-12		
JCJ	comp=Z,31nm,0.3s,baz=335,slow=19,SNR=2.6	SN	11 45 11.0	-2.3		
JCJ	Chichijima	14.97	187	eP	11 45 27.0	-2.2
BMKR	Bomnak	16.21	327	eP	11 45 28.0	-1.6
ZEZ	Zeya	16.24	322	eP	11 45 39.0	
ZEZ				AMB	11 45 39.0	
ZEZ	Z					

Table of station data for the left column, including call signs like OBN, FIA1, FINES, and various frequencies and times.

Table of station data for the middle column, including call signs like PPT2, TAOE, TXAR, and various frequencies and times.

Table of station data for the right column, including call signs like STKA, WRA, ASAR, and various frequencies and times.

TUL 18 13:41:13.1, 7.36:68N.0:04-98:21W.0:05, h5km, 7km, ML3.3, Error ellipse: s-maj=6.0km s-min=5.1km az=202.0

NEIC 18 13:41:13.6, 1.5, 36:66N.0:02-98:14W.0:05, h5km, 2km, Error ellipse: s-maj=7.2km s-min=3.5km az=85.0

ANF 18 13:41:13.5, 0.7, 36:64N.98:18W, h0km, ML2.2/11, Error ellipse: s-maj=6.6km s-min=5.7km az=115.0

ISC 18 13:41:14.0, 1.1, 36:67N.0:02-98:13W.0:03, h7km, gkm, n51, r1900/59, Oklahoma

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

MAN 18 13:47:15.2, 6.83N, 126:32E, h21km, mb4.1, ML2.9, MS2.6, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Mindanao event.

IDC 18 14:04:44.8, 1.2, 57:24N:156:08W, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.4/6.1, mbtmp3.4/7, ML3.2/1, MS3.3/8, Ms1 3.3/8, ms1mx2.9/3.1, Error ellipse: s-maj=25.4km s-min=17.9km az=2.0

AEIC 18 14:04:45.1, 2.1, 57:74N:0:04-155:94W.0:07, h1km, 6km, ML3.9, Error ellipse: s-maj=6.0km s-min=4.7km az=123.0

NEIC 18 14:04:46.2, 2.5, 69N:0:03-155:73W.0:09, h1km, 8km, Error ellipse: s-maj=7.4km s-min=4.5km az=106.0

ISC 18 14:04:46.0, 1.2, 57:87N.0:03-155:83W.0:03, h3km, gkm, n124, r110/119, mb3.5/6, MS3.4/6, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Alaska Peninsula event.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the 2014 JUL 18 event.

IDC 18 14:06:23.2, 4.2, 21:25S:168:48E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.6/4.7, mbtmp3.9/3, Error ellipse: s-maj=210.5km s-min=41.6km az=156.0, Loyalty Islands

Code Station Name Az Az' Phase ID ISC Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Loyalty Islands event.

NEIC 18 14:09:43.3, 2.2, 6:95S:0:07-147:62E:0:08, h5km, 7km, mb4.5/18, Error ellipse: s-maj=12.4km s-min=9.2km az=118.0

IDC 18 14:09:44.3, 1.7, 6:97S:0:07-147:65E, h67km, 16km, mb4.1/2, mb1 4.2/2, mb1mx4.0/5.1, mbtmp4.2/7, MS3.0/9, Ms1 3.0/9, ms1mx2.8/3.2, Error ellipse: s-maj=17.2km s-min=11.1km az=102.0

DJA 18 14:09:44.5, 0.5, 7:54:14:8E, h64km, gkm, M4.8/12, mb4.7/12, mb5.1/3, MLV4.8/2, Mw(mB)4.4/3

ISC 18 14:09:44.2, 0.4, 6:96S:0:05-147:60E:0:06, h65km, n72, r1506/72, mb4.5/30, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Eastern New Guinea region event.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the 2014 JUL 18 event.

IDC 18 14:12:43.7, 2.9, 36:11S:96:98W, h0km, mb4.1/7, mb1 4.4/7, mb1mx4.1/28, mbtmp4.1/7, MS3.3/5, Ms1 3.3/5, ms1mx3.0/26, Error ellipse: s-maj=81.9km s-min=23.2km az=26.0

NEIC 18 14:12:46.1, 1.6, 35:85S:0:2-96:8W.0:2, h10km, 2km, mb4.3/5, Error ellipse: s-maj=34.1km s-min=20.9km az=201.0

ISC 18 14:12:44.9, 1.0, 36:05S:0:2-96:97W.0:1, h10km, n30, r1525/21, mb4.3/9, MS3.2/4, Western Chile region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Western Chile region event.

18d 17h

Table with columns: PUZ, Puketiti, 4.38 199, P, Pn, 16 12 20.0 +3.2, etc. Includes stations like Raukumara Rang, Kuaotunu, etc.

JMA 18 16:43:58.0±1.2, 24.87N, 122.45E, h5km, M2.4
TAP 18 16:43:59.7, 24.85N, 122.39E, h11km, ML2.7, D
ISC 18 16:43:59.0±1.1, 24.86N, 122.44E, 0.03, h9km±10km, n55, c0536/105, Taiwan region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like Santiao Chiao, Alice Springs, etc.

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Main table with columns: NWLT, TAP, TWY, YM04, YM03, YM03, YM03, etc. Includes stations like Taipei, Chentua, etc.

Table with columns: TRKR, GNBR, GNBR, ARNR, ARNR, LACR, LACR, LAGD, LAGD, KORR, KORR, STDR, STDR, KMKR, KMKR, etc. Includes stations like Gunib, Lagodekhi, etc.

IDC 18 16:58:04.1±1.8, 10.13S, 160.96E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/30, mbtmp3.5/4, Error ellipse: s-maj=33.6km s-min=28.9km az=46.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, Warramunga Arr, etc.

MAN 18 17:28:9.95SN:124.08E, h33km, mb3.8, ML2.5, MS2.1, 1D, Mindanao
Code Station Name Δ° AZZ Phase ID Time Res ISC

IDC 18 17:29:44.2±7.0, 10.78S, 169.33E, h103km, mb3.9/2, mb1 4.1/3, mb1mx3.4/34, mbtmp4.2/3, ML4.1/1, Error ellipse: s-maj=175.6km s-min=48.9km az=150.0, Vanuatu Islands

IDC 18 17:34:35.3±13.0, 12.91N, 88.54W, h0km, mb3.4/3, mb1 4.0/3, mb1mx3.5/32, mbtmp3.5/3, Error ellipse: s-maj=278.5km s-min=104.4km az=4.0, UCR 18 17:34:43.3±1.2, 12.87N, 90.09W, h30km±34km, ML3.8, mb4.2/1(NEIC)

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like Alcalda de L, Jayaque - finc, etc.

DRS 18 16:46:44.3±0.0, 43.00N, 45.86E, h8km, TIF 18 16:46:44.3, 43.04N, 45.76E, h4km, 4km
NORS 18 16:46:45.6±0.0, 43.01N, 45.83E, h12km, MPVA3.8
ISC 18 16:46:45.7±0.9, 43.04N, 45.81E, 0.02, h13km±7km, n33, c1953/65, Eastern Caucasus

905				2014 JUL				18d 18h														
HWA	Hwalien	0.53 205	eP	Pn	17 57 48.4	-0.2	SSLB	baz=223	eS	Sn	17 58 10.4	+1.2	QZH	comp=N,20nm,0.2s	smax	smax						
HWA	baz=211		eS	Sn	17 57 58.7	+1.6	YOJ	Yonaguni jima	1.06 90	P	Pn	17 57 55.2	-0.2	JIRB	Irabujima	3.05 82	S	Sn	17 58 58.8	+1.0		
TWB1	Santiao Chiao	0.56 13	eP	Pn	17 57 49.3	+0.3	YOJ					17 58 09.0	-0.1	<i>IDC 18 18:13:49.8-1.2,46:63N:152:58E,h0km,mb3.6/6,mb1.3/7.8,mb1mx3.4/4.8,mbtm3.6/8,ML3.8/1,Error s-maj=34.4km s-min=22.5km az=133.0</i> <i>NEIC 18 18:13:51.5-2.4,46:61N:0:06:152:4E,0:2,h10km,1km,mb4.7/3,Error ellipse: s-maj=18.2km s-min=9.6km az=284.0</i> <i>MOS 18 18:13:53.2-1.8,46:42N:152:21E,h40km,mb4.6/1,Error ellipse: s-maj=22.9km s-min=10.1km az=151.9</i> <i>SKHL 18 18:14:00.8-0.4,45:70N:151:80E,h130km,13km,mb4.8/3,msha5.8/3</i> <i>JMA 18 18:14:01.3-0.5,45:75N:151:75E,h30km,M4.4</i> <i>ISC 18 18:13:53.7-0.7,45:8N:0:1x152:23E,0:07,h50km,n64,az=94/49,mb3.8/7,1C,East of Kuril Islands</i>								
TWB1	baz=18		eS	Sn	17 57 58.2	+0.5	TYC	Yuchur	1.06 239	eP	Sn	17 58 10.9	+1.7	KUR	Kuril'sk	3.12 261	i P	AMB	Pn	18 14 43.7	+3.4	
TWA	Mucha	0.57 335	eP	Pn	17 57 49.2	0.0	EHY	Hungye	1.06 207	eP	Pn	17 57 53.7	-1.9	KUR	170nm,0.5s		i S	A	Sn	18 15 16.1	-0.2	
TWA	baz=327		eS	Sn	17 57 58.1	0.0	EHY	baz=211		eP	Sn	17 58 07.6	-1.8	KUR	440nm,0.5s		A	A	Sn	18 15 19.0		
NHDH	Xindian Distri	0.58 330	eP	Pn	17 57 48.9	-0.4	WDJ	Dajia District	1.11 264	eP	Pn	17 57 56.5	+0.4	KUR	750nm,0.5s		ePN	A	Pn	18 14 43.2	+2.9	
NHDH	baz=322		eS	Sn	17 57 58.4	+0.2	WDJ	baz=263		eS	Sn	17 58 10.5	+0.1	KUR	comp=Z,150nm,0.2s		pmax	pmax				
NWF	Wu-fen Shan	0.61 354	P	Sn	17 57 50.1	+0.4	TCU	Taichung	1.11 254	eP	Pn	17 57 56.4	+0.2	KUR	comp=N,44nm,0.1s		pmax	pmax				
NWF	baz=358		eS	Sn	17 57 59.3	+0.3	TCU	baz=252		eS	Sn	17 58 12.4	+1.9	KUR	comp=E,55nm,0.2s		pmax	pmax				
WFSB	Wu-fen Shan	0.61 354	P	Pn	17 57 50.1	+0.5	YULB	Yu-li	1.18 206	eP	Pn	17 57 54.9	-2.1	YUK	Yuzh-Kuril'sk	4.85 251	eP	AMB	Pn	18 15 08.1	+4.0	
WFSB	baz=358		S	Sn	17 57 59.1	+0.3	YULB	baz=203		eS	Sn	17 58 11.8	-0.2	YUK	comp=E,73nm,0.4s		i S	A	Sn	18 15 58.9	0.0	
WHF	Hehuan Shan	0.62 240	eP	Pn	17 57 49.6	-0.5	PCYT	Pengchaiyu	1.18 10	eP	Pn	17 57 57.3	+0.2	YUK	comp=N,18nm,0.1s		4.93 251	eP	AMB	Pn	18 15 08.9	+3.7
WHF	baz=236		eS	Sn	17 57 58.6	-1.1	PCYT	baz=13		eS	Sn	17 58 13.2	+1.1	GRPR	comp=N,11nm,0.3s		eS	A	Sn	18 15 59.9	-0.9	
TAPI	Taipei	0.65 333	eP	Sn	17 57 49.9	-0.2	WHYT	Xinyi Township	1.19 230	eP	Sn	17 57 58.1	+0.9	GRPR	comp=N,166nm,0.3s		A	A	Sn	18 16 12.8		
TAPI	baz=325		eS	Sn	17 57 59.6	0.0	WHYT	baz=220		eS	Sn	17 58 14.4	+2.1	GRPR	comp=N,130nm,0.3s		4.93 251	ePN	pmax	Pn	18 15 08.9	+3.7
TAP	Taipei	0.66 332	eP	Pn	17 57 48.7	-1.5	WJS	Zhushan	1.21 238	eP	Pn	17 57 58.2	+0.8	GRPR	comp=N,119nm,0.3s		pmax	pmax				
TAP	baz=325		eS	Sn	17 57 59.3	-0.5	WJS	baz=248		eS	Sn	17 58 14.7	+2.0	GRPR	comp=Z,115nm,0.3s		pmax	pmax				
TDCB	Techi	0.66 252	P	Sn	17 57 50.3	-0.1	WNT	Mingjian	1.21 242	eP	Pn	17 57 57.8	+0.3	GRPR	comp=E,44nm,0.1s		5.23 245	P	Pn	18 15 12.1	+2.8	
TDCB	baz=243		S	Sn	17 57 59.8	-0.4	WNT	baz=339		S	Sn	17 58 14.5	+1.7	NEM2	Nemuro 2	5.23 245	eS	Pn	Sn	18 16 05.0	-3.2	
WLTB	Daxi	0.67 306	eP	Pn	17 57 50.1	-0.2	TWF1	Yuli	1.21 205	eP	Pn	17 57 55.6	-1.9	RUSJ	Misakicho	5.24 254	ePN	Pn	Sn	18 15 15.8	+6.4	
WLTB	baz=301		eS	Sn	17 58 00.7	+0.6	TWF1	baz=209		eS	Sn	17 58 13.3	+0.4	NMR	Nemuro-Hokkai	5.24 245	i P	Pn	Sn	18 15 12.2	+2.8	
YM01	YM01	0.73 340	P	Pn	17 57 50.8	-0.3	WCHH	Zhanghua	1.24 252	eP	Pn	17 57 58.9	+1.0	NMR	Nemuro-Hokkai	5.24 245	i/P	Pn	Sn	18 16 05.4	-3.0	
YM01	baz=332		S	Sn	17 58 01.5	-0.1	WCHH	baz=251		eS	Sn	17 58 13.5	0.0	JRA	JRA	5.38 252	P	Pn	Sn	18 15 17.1	+5.7	
CHGB	Renai	0.73 237	P	Pn	17 57 51.2	-0.2	ALS	Alishan	1.34 226	eP	Pn	17 58 00.4	+0.8	JNK	Nakash	5.79 250	P	Pn	Sn	18 15 21.2	+4.2	
CHGB	baz=235		eS	Sn	17 58 01.4	-0.5	ALS	baz=214		eS	Sn	17 58 18.8	+2.3	JNK	Akkeshi	6.08 245	eS	Pn	Sn	18 16 20.9	-1.2	
YM10	YM10	0.74 339	P	Pn	17 57 51.0	-0.3	FULB	Fuli	1.35 202	eP	Pn	17 57 58.7	-0.8	JAK	JAK	6.08 245	P	Pn	Sn	18 15 23.7	+2.8	
YM10	baz=331		S	Sn	17 58 01.4	-0.5	FULB	baz=209		eS	Sn	17 58 17.0	+0.6	JTKR	Ashohiro-Toko	6.19 256	eS	Pn	Sn	18 16 25.9	-3.2	
ESL	Shilin	0.75 211	eP	Pn	17 57 49.7	-1.6	CHN5	Tsauling	1.37 232	eP	Pn	17 58 00.4	+0.6	JAR	Ashoroboto	6.54 251	P	Pn	Sn	18 15 40.2	+4.2	
ESL	baz=214		eS	Sn	17 58 02.3	+0.4	CHN5	baz=240		eS	Sn	17 58 18.1	+1.1	JAR	Maruseppu	6.55 257	P	Pn	Sn	18 16 39.8	-0.7	
YM11	YM11	0.75 340	eP	Pn	17 57 51.3	-0.1	WGK	Gukeng	1.41 237	P	Pn	17 58 00.9	+0.8	YSS	Yuzh-Sakhalins	6.66 283	eP	Pn	Sn	18 15 33.2	+5.8	
YM11	baz=333		S	Sn	17 58 01.7	-0.3	WGK	baz=246		eS	Sn	17 58 19.8	+2.2	YSS	Yuzh-Sakhalins	6.66 283	ePN	Pn	Sn	18 15 32.7	+3.9	
YM04	YM04	0.75 338	eP	Pn	17 57 50.9	-0.5	WDLH	Douliu	1.42 238	P	Pn	17 58 00.8	+0.4	YSS	comp=N,100nm,19.0s		MLR	MLR	Pn	18 15 31.9	+3.1	
YM04	baz=332		eS	Sn	17 58 01.3	-0.6	WDLH	baz=247		S	Sn	17 58 19.2	+1.2	YSS	comp=Z,100nm,19.0s		MLR	MLR				
YM05	YM05	0.75 340	eP	Pn	17 57 51.0	-0.4	CHKT	Chengkung	1.43 198	eP	Pn	17 57 59.3	-1.1	YSS	comp=E,140nm,15.0s		6.66 283	P	Pn	18 15 28.7	-0.1	
YM05	baz=333		eS	Sn	17 58 01.4	-0.7	CHKT	baz=184		eS	Sn	17 58 18.5	+0.4	JOB	Onbets	6.67 247	P	Pn	Sn	18 15 32.7	+3.6	
TWS1	Kuangyinshan	0.75 328	eP	Pn	17 57 51.1	-0.3	RLNB	Erlin	1.47 248	P	Pn	17 58 00.9	-0.1	JKK2	Kamakawa 2	7.01 257	P	Pn	Sn	18 15 39.7	+6.0	
TWS1	baz=331		eS	Sn	17 58 02.0	+0.1	RLNB	baz=257		S	Sn	17 58 19.4	+0.2	JKA	Kamikawa-asahi	7.03 260	eP	Pn	Sn	18 15 39.9	+5.9	
YM08	YM08	0.76 342	eP	Pn	17 57 50.9	-0.6	ELDTW	Lidau	1.48 211	P	Pn	17 57 60.0	-1.3	JKA	Kamikawa-asahi	7.03 260	Pn	Pn	Sn	18 15 40.2	+4.2	
YM08	baz=345		eS	Sn	17 58 01.4	-0.8	ELDTW	baz=201		eS	Sn	17 58 19.3	-0.2	ASAJ	ASAJ	7.12 247	P	Sn	Sn	18 17 05.0	+1.2	
YM03	YM03	0.77 339	eP	Pn	17 57 51.2	-0.6	WTCT	Ta-ch'eng	1.55 248	eP	Pn	17 58 02.0	-0.1	JCH	Churui	7.12 247	P	Pn	Sn	18 15 38.4	+3.2	
YM03	baz=332		eS	Sn	17 58 01.9	-0.6	WTCT	baz=257		eS	Sn	17 58 21.1	0.0	JCH	Churui	7.12 247	eS	Pn	Sn	18 16 50.6	-4.1	
LIOB	Emei	0.78 284	eP	Pn	17 57 51.8	-0.1	TPUB	Ta-pu	1.61 224	P	Pn	17 58 03.7	+0.8	ERM	Ermo	7.56 243	PN	Pn	Sn	18 15 46.3	+5.0	
LIOB	baz=284		eS	Sn	17 58 03.2	+0.5	TPUB	baz=234		S	Sn	17 58 05.2	+0.7	ERM	Ermo	7.56 243	Pn	Pn	Sn	18 15 47.4	+4.3	
ANP	Anpu	0.78 338	P	Pn	17 57 51.2	-0.7	CHY	Chiayi	1.62 234	P	Pn	17 58 03.3	+0.3	PEAB	Petrovavlovsk	8.14 24	Pn	Pn	Sn	18 15 39.2	-1.0	
ANP	baz=341		S	Sn	17 58 02.2	-0.7	CHY	baz=243		S	Sn	17 58 23.8	0.0	PETK	Petrovavlovsk	8.14 24	Pn	Pn	Sn	18 15 36.6	-1.3	
NCU	National Centr	0.79 310	eP	Pn	17 57 51.4	-0.4	STYT	Tauyuan	1.63 218	P	Pn	17 58 04.0	+0.7	PETK	Petrovavlovsk	8.14 24	PN	Pn	Sn	18 15 38.1	-1.1	
NCU	baz=312		eS	Sn	17 58 02.7	-0.1	STYT	baz=216		eS	Sn	17 58 23.7	+0.5	JNB	Noboribetsu	8.71 252	P	Pn	Sn	18 16 00.2	+3.3	
NCUH	Zhongli	0.79 310	P	Pn	17 57 51.2	-0.6	WTP	Ta-pu	1.66 223	P	Pn	17 58 04.3	+0.7	JKB	Kayabe	8.98 248	eS	Pn	Sn	18 16 03.1	+2.4	
NCUH	baz=311		eS	Sn	17 58 02.3	-0.6	WTP	baz=234		S	Sn	17 58 25.7	+2.0	JKB	Kayabe	8.98 248	eS	Pn	Sn	18 17 32.9	-7.5	
NTST	Danshui	0.79 333	eP	Pn	17 57 51.6	-0.3	WSF	Szhu	1.70 242	eP	Pn	17 58 04.2	+0.1	JANG	Nango	9.52 239	eS	Sn	Sn	18 17 44.5	-9.2	
NTST	baz=335		eS	Sn	17 58 03.1	+0.2	WSF	baz=240		eS	Sn	17 58 25.1	+0.4	JANG	Temabayashi	9.55 242	eS	Sn	Sn	18 17 46.1	-8.2	
NSTT	Nanjiang	0.79 283	eP	Pn	17 57 51.7	-0.2	IRIF	Iriomote-Funau	1.72 94	P	Pn	17 58 03.8	-0.6	JATG	Tanohata	9.60 236	eS	Sn	Sn	18 17 45.4	-10.0	
NSTT	baz=282		eS	Sn	17 58 02.8	-0.1	IRIF	baz=224		S	Sn	17 58 24.8	-0.4	USAB	Ussuriysk Arra	14.41 271	Pn	Pn	Sn	18 17 14.2	-0.4	
OWD	Renai	0.80 231	eP	Pn	17 57 51.7	-0.3	TKW	Hsiungyi	1.72 227	P	Pn	17 58 05.2	+0.7	USAB	Ussuriysk Arra	14.41 271	Pn	Pn	Sn	18 17 14.2	-0.4	
OWD	baz=221		eS	Sn	17 58 02.2	-0.5	TKW	baz=225		S	Sn	17 58 27.4	+2.0	USRK	Ussuriysk							

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Don Marcelino, Mati, Bagumbayan, Su, Kidapawan, Musuan.

KLM 18:23:03.0, 34:90S: 178:93W, h30km, mb5.7, Hypocentre not reviewed by the ISC

WEL 18:23:04.0, 4.0, 35:3S: 179:9W, h33km, M6.0/19, mb6.2/6, ML6.2/19, MLv6.1/19, Mw(m)5.9/6

BUI 18:23:04.0, 0.0, 34:80S: 179:50W, h28km, mb5.8/22, mb5.3/22, Ms5.3/27, Ms7.5/28

NEIC 18:23:05.4, 2.0, 34:63S: 179:58W, h28km, mb5.7/24, Ms5.2/24, Mw5.6(GCMT), Error ellipse: s-maj=13.4km, s-min=8.5km, az=115.0

MOS 18:23:05.9, 0.9, 34:63S: 179:67W, h35km, mb5.7/23, Ms5.1/11, Error ellipse: s-maj=8.9km, s-min=7.6km, az=101.4

NEIC 18:23:06.8, 34:60S: 179:58W, h28km, Moment Tensor Solution. Moment tensor: Scale 1017Nm, Mr0.69; Mw0.125; Ms0.56; Mn0.07; Mbb1.18; Mbb0.84; Fault plane solution: Mo1.810000x1017, NP1.377360000, 558.62000, λ23.32000; NP2.332000, NP3.71000, 670.24000, λ146.41000; Principal axes: T 1.7389, Plg37.0000, Azm293.0000; N -0.1302, Plg52.0000, Azm128.0000; P -1.8691, Plg7.0000, Azm9.0000

NEIC 18:23:07.34, 79S: 179:35W, h32km, Moment Tensor Solution. Moment tensor: Scale 1017Nm, Mr0.53; Mw0.105; Ms0.52; Mn0.04; Mbb1.83; Mbb1.96; Fault plane solution: Mo2.830000x1017, NP1.388400000, 547.00000, λ12.00000; NP2.334500000, Plg61.00000, λ136.00000; Principal axes: T 2.9640, Plg36.0000, Azm295.0000; N -0.2862, Plg46.0000, Azm156.0000; P -2.6778, Plg22.0000, Azm42.0000

IDC 18:23:08.2, 1.1, 34:69S: 179:80W, h45km, mb5.9/33, mb1.4/33, mb1mx4.9/42, mbtmpp5.1/33, ML6.1/1, MS5.0/31, Ms1.5/31, ms1mx4.9/39, Error ellipse: s-maj=11.7km, s-min=10.4km, az=74.0

GCMT 18:23:08.4, 0.1, 34:79S: 179:38W, 0.01, h31km, Mw5.6/159, Moment Tensor Solution. s136.c227; s159.c297; Duration: 1s; Moment tensor: Scale 1017 Nm; Mr0.61±0.03; Ms0.96±0.03; Mn0.35±0.02; Mw0.15±0.04; Mbb1.73±0.02; Mbb2.12±0.07; Best double couple: Mo2.844000x1017, NP1.38700000, 543.00000, λ14.00000; NP2.334700000, 581.00000, λ132.00000; Principal axes: T 3.0560, Plg39.0000, Azm295.0000; N -0.4240, Plg42.0000, Azm156.0000; P -2.6310, Plg23.0000, Azm46.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function.

ISC 18:23:06.9, 0.3, 34:71S: 179:47W, 0.04, h34km, mb1.0/236, c1f61/1248, mb5.6/199, MS5.0/45, 51C-18D, South of Kermadec Islands

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists numerous stations including Matakaoa Point, Waionamata, Pakihiroa, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists numerous stations including Kahutara, Denniston, Greta Valley, etc.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists numerous stations including Kanton, Mehetia, Mount Sennar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like JOHN Johnston Island, SAUI Saumlaki, MUN Munding, BLDU Balidi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like NVL N'lazarevskaya, VNA2 Neumayer-Watz, KSM Kuching, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KSAR Wonju Array Be, KS19 Wonju Array Si, CRZF Crozet Islands, etc.

18d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HOPS Hopland Field, GDXM Geysers, PFO Pinyon Flats, etc.

2014 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TIA Taian, WCNR Virginia City, YERR Yerington, etc.

908

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BJL Beijing, BJI Beijing, BJJ Beijing, etc.

18d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WSAR Wadi Sarin, BVAO Borovoye Array, and many others.

2014 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPSR Galich'ya Gora, VOR Divnogorie, and many others.

910

Table with columns for station name, frequency, power, and other technical details. Includes stations like PLOR Plostina, BSR Bornholm Skovb, and many others.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KHC, Kasperse Hory, ROTZ, GECC, etc.

MAN 18 18:38:31.2, 3.67N, 126.51E, h2km, mb5.3, ML4.3, MS4.5
NEIC 18 18:38:34.3, 2.9, 3.77N, 0.05, 127.1E, 0.1, h74km, 10km, mb4.3/12, Error ellipse: s-maj=19.3km s-min=6.1km

18 18:38:35.6, 4.8, 3.82N, 127.17E, h91km, 46km, mb3.6/5, mb1.3/7.6, mb1mx3.2/60, mbtmp4.3/9.6, Error ellipse: s-maj=13.6km s-min=19.5km az=87.0
ISC 18 18:38:32.6, 0.6, 3.67N, 0.06, 126.9E, 0.1, h48km, n30, 0184/29, mb4.3/9, IC, Talaud Islands

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DMPP, DDM, TMTI, etc.

Main table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TPUB, FITZ, WBO, WRA, WRO, ASAR, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MORW, KAPI, KAP, MIDW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cedars of Leba, Yellville, MNTY, V52A, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBOO, AS31, ASAR, WRO, etc.

ROM 18 23:19:13.9, 0.2, 44.97N:0.01:6.65E:0.01, h1 km, ML1.1/7, Error ellipse: s-maj=1.3km s-min=1.1km az=26.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNI, RRL, RRR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OGMO, MBD, GDM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ORIF, LPL, PZZ, etc.

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

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

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

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

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

SOME 18 23:35:10.6, 44.02N:82.90E, h15 km, 2C-2D, Northern

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

NIC 19 00:02:37.9, 0.0, 34.31N:26.39E, h15 km, 31km, M3.4/1

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

ISC 19 00:02:43.1, 0.3451N:0.06:26.62E:0.03, h55 km, 10 km, n105, 1855/122, mb3.5/10, Crete

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

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

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

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

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

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

UPA 19 00:23:00.3 1.6, 9.25N, 83.86W, h5km, 7km, MW4.0
OCR 19 00:23:01.8 1.6, 9.23N, 83.79W, h49km, 4km, MD3.5

ISC 19 00:23:02.8 1.3, 9.27N, 83.79W, h0.05, h43km, 7km,
n21, c128/37, 1C-3D, Costa Rica

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

MOS 19 00:58:36.9 1.7, 45.97N, 151.16E, h73km, mb4.1/1, Error
ellipse: s-maj=18.9km s-min=8.6km az=143.7

JMA 19 00:58:36.5 0.6, 46.10N, 150.98E, h30km, M4.5
SKHL 19 00:58:37.1 0.9, 45.80N, 151.20E, h91km, 8km, mb4.3/4,
msh5.5/3

ISC 19 00:58:42.0 2.5, 46.21N, 150.80E, h117km, 23km, mb3.1/8,
mb1.3/1.6, mb1mx3.2/4.3, mbmp3.5/1.4, Error ellipse:
s-maj=27.0km s-min=16.2km az=133.0

ISC 19 00:58:37.6 0.8, 45.85N, 151.15E, h0.08, h88km, n54,
c193/60, mb3.4/1, CZ, Kuril Islands

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s. Includes stations like YUK, YUK, YUK, etc.

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

IDC 19 01:04:49.4 4.9, 51.96N, 178.61E, h90km, 45km, mb3.3/14,
mb1.3/1.6, mb1mx3.4/4.8, mbtmp3.7/1.6, MS2.9/1,
Ms1.2/9.1, ms1mx2.2/2.6, Error ellipse: s-maj=27.1km
s-min=14.0km az=172.0

NEIC 19 01:04:50.8 1.1, 51.92N, 178.55E, h106km, 5km,
Error ellipse: s-maj=15.4km s-min=7.6km az=188.0

AEIC 19 01:04:51.3, 51.92N, 178.49E, h104km, 4km,
ML3.5, mb3.3/1.7(NEIC), Error ellipse: s-maj=20.3km
s-min=7.8km az=185.0

ISC 19 01:04:50.8 0.7, 51.90N, 178.54E, h104km, 6km,
n72, c080/64, mb3.7/1.9, Rat Islands

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

19d 1h

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JKT, JOD2, BSO3, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CMAR, WMQ, ZALV, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like INK, WBO, WRO, etc.

IDD 19 02:24:31.0, 0.8, 38.57N-43.24E, h10km, mb3.7/13, mb1 3.7/20, mb1mx3.6/49, mbtmp3.6/20, ML3.46, MS3.2/17, Ms1 3.2/17, ms1mx2.9/54, Error ellipse: s-maj=14.7km s-min=12.0km az=165.0

NSSP 19 02:24:31.0, 38.67N-43.17E, h10km, Ms3.8
DDA 19 02:24:31.5, 38.59N-43.13E, h13km, 3km, MW4.1
ISK 19 02:24:31.1, 38.63N-43.17E, h5km, ML3.9/21
TEH 19 02:24:31.3, 38.62N-43.14E, h10km, ML4.0
NEIC 19 02:24:32.6, 2.8, 38.51N-0.05, 43.22E-0.03, h10km, 2km, Error ellipse: s-maj=8.5km s-min=3.0km az=335.5

ISC 19 02:24:32.7, 0.8, 38.63N-0.02, 43.17E-0.02, h10km, 5km, n169, s167/177, mb3.9/19, MS3.1/12, 10C-3D, Turkey

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
VANB	Van	0.17	101	Op	ISC	02 24 36.6	-0.2
VANB	Van	0.17	101	Pg	Pg	02 24 36.2	-0.6
VANB	Van	0.17	101	Pp	Pp	02 24 36.3	-0.6
TVAN	Van	0.21	119	iP	Pg	02 24 36.2	-1.3
TVAN	Van	0.21	119	IAML	IAML	02 24 40.0	
TVAN	comp=N, 32um, 0.8s					02 24 40.0	
TVAN				iS	Sg	02 24 40.5	-0.2
TVAN				IAML	IAML	02 24 41.0	
TVAN	comp=E, 64um, 0.5s					02 24 41.0	
TVAN	Van	0.21	119	eP	Pg	02 24 36.2	-1.3
GEVA	Gevas	0.33	196	iP	Pg	02 24 38.3	-1.3
GEVA	Gevas	0.33	196	IAML	IAML	02 24 45.0	
GEVA	comp=N, 25um, 0.6s					02 24 45.0	
GEVA	Gevas	0.33	196	iS	Sb	02 24 45.4	-0.4
GEVA	Gevas	0.33	196	IAML	IAML	02 24 48.0	
GEVA	Gevas	0.33	196	eP	Pg	02 24 38.2	-1.3
AKDM	Akdamar-Van	0.34	207	Pg	Pg	02 24 37.8	-1.8
AKDM	Akdamar-Van	0.34	207	eP	Pg	02 24 38.4	-1.3
AKDM	Akdamar-Van	0.34	207	Pg	Pg	02 24 40.0	-1.0
ERCV	ERCIS-VAN	0.41	18	Pg	Pg	02 24 39.8	-1.2
ERCV	ERCIS-VAN	0.41	18	Pg	Pg	02 24 39.8	-1.2
VMUR	Van-Muradiye	0.48	41	iP	Pb	02 24 50.2	+0.1
VMUR	Van-Muradiye	0.48	41	iS	Sb	02 24 50.0	
VMUR	comp=N, 13um, 0.6s					02 24 51.0	
VMUR	Van-Muradiye	0.48	41	eP	Pb	02 24 41.6	-1.5
MLAZ	Malazgirt-MUS	0.70	317	Pg	Pb	02 24 45.7	-1.3
MLAZ	Malazgirt-MUS	0.70	317	eP	Pb	02 24 45.6	-1.3
MLAZ	Malazgirt-MUS	0.70	317	Pg	Pb	02 24 45.7	-1.3
CLDR	Caldiran	0.78	48	SG	Sb	02 24 59.3	-1.9
CLDR	Caldiran	0.78	48	SG	Sb	02 24 49.9	-1.3
CLDR	Caldiran	0.78	48	iS	Sn	02 24 59.4	-1.9
CLDR	Caldiran	0.78	48	eP	Pb	02 25 00.0	
CLDR	comp=E, 3um, 0.6s					02 25 02.0	
CLDR	Caldiran	0.78	48	eP	Pb	02 24 46.9	-1.3
CLDR	Caldiran	0.78	48	eP	Pb	02 24 47.0	-1.3
CLDR	Caldiran	0.78	48	iP	Sb	02 24 59.2	+0.4
TUTA	Tutak	0.82	340	iP	Pg	02 24 47.3	-1.4
TUTA	Tutak	0.82	340	IAML	IAML	02 25 06.0	
TUTA	comp=N, 3um, 0.9s					02 24 47.2	-1.4
TUTA	Tutak	0.82	340	eP	Pg	02 24 48.1	-2.0
GURO	Guroymak-BITLI	0.90	265	SG	Sb	02 25 02.2	-1.9
GURO	Guroymak-BITLI	0.90	265	eP	Pg	02 24 48.1	-2.0
GURO	Guroymak-BITLI	0.90	265	Pg	Pg	02 24 48.1	-2.0
GURO	Guroymak-BITLI	0.90	265	Pg	Pg	02 24 48.1	-2.0
AGRB	Hanur-Agry	0.95	352	Pg	Pg	02 24 49.9	-1.3
AGRB	Hanur-Agry	0.95	352	Pg	Pg	02 24 49.7	-1.5
AGRB	Hanur-Agry	0.95	352	Pg	Pg	02 24 49.7	-1.5
EKAR	Karacoban	1.07	306	iP	Pn	02 24 52.5	-1.2
EKAR	Karacoban	1.07	306	IAML	IAML	02 25 17.0	
EKAR	comp=N, 4um, 0.7s					02 25 19.0	
EKAR	Karacoban	1.07	306	eP	Pn	02 24 52.4	-1.2
HAKT	HAKKARI	1.15	158	iP	Pn	02 24 52.5	-2.4
HAKT	HAKKARI	1.15	158	iS	Sn	02 25 13.8	+3.3
HAKT	HAKKARI	1.15	158	IAML	IAML	02 25 22.0	
HAKT	HAKKARI	1.15	158	eP	Pg	02 24 52.5	-2.4
SIRT	Sirkak	1.27	207	Pn	Pg	02 24 56.6	-0.5
SIRT	Sirkak	1.27	207	Pg	Pg	02 24 56.6	-1.5
SIRT	Sirkak	1.27	207	Pn	Pg	02 24 56.6	-1.5
SIRN	Sirkak	1.28	208	iP	Pb	02 25 18.8	+4.5
SIRN	Sirkak	1.28	208	iS	Sb	02 24 56.8	-1.1
EATA	Eleskirt	1.34	337	iS	Sg	02 25 18.5	+2.5
EATA	Eleskirt	1.34	337	IAML	IAML	02 25 25.0	
EATA	comp=N, 1um, 0.9s					02 25 22.0	
EATA	Eleskirt	1.34	337	eP	Pb	02 24 56.8	-1.1
VRTB	Varto-Mus	1.44	292	Pg	Pb	02 24 59.4	-1.0
VRTB	Varto-Mus	1.44	292	IAML	IAML	02 24 59.0	-1.5
VRTB	Varto-Mus	1.44	292	IAML	IAML	02 25 45.0	
VRTB	comp=N, 1um, 1.0s					02 25 45.0	
VRTB	comp=E, 1um, 1.7s					02 25 45.0	
VRTB	Varto-Mus	1.44	292	eP	Pb	02 24 58.6	-0.9
VNNZ	Vanand	1.56	191	iP	Pg	02 25 01.3	-1.4
VNNZ	Vanand	1.56	191	iS	Sg	02 25 23.7	+0.8
TASB	TASBURUN-IGDIR	1.59	31	Pn	Pg	02 25 01.6	-1.6
TASB	TASBURUN-IGDIR	1.59	31	eP	Pg	02 25 02.0	-1.2
BTMM	Batman	1.67	244	iS	Sg	02 25 27.2	+0.8
BTMM	Batman	1.67	244	iP	Pb	02 25 03.3	-0.7
KOPR	Koprucuk-ERZUR	1.70	323	Pn	Pb	02 25 03.7	-0.6
HOMI	Horasan	1.72	326	iP	Sb	02 25 25.6	-0.5
HOMI	Horasan	1.72	326	iS	Sb	02 25 39.0	
HOMI	Horasan	1.72	326	IAML	IAML	02 25 39.0	
HOMI	comp=N, 1um, 0.9s					02 25 48.0	
KARO	Karliova-Bingo	1.79	293	Pn	Pb	02 25 04.4	-1.1
NRKZ	NAREK	1.79	401	iS	Sg	02 25 00.8	-0.8
NRKZ	NAREK	1.79	401	iP	Pg	02 25 00.3	-1.6
ARUZ	Aruch	1.80	231	iP	Pg	02 25 05.7	-1.6
ARUZ	Aruch	1.80	231	iS	Sg	02 25 31.3	+0.7
ERJED	Erzurum, Palan	1.89	310	iP	Sg	02 25 06.2	-1.0
EJDE	EJDE	1.89	310	iS	Sg	02 25 35.7	+2.2
EJDE	EJDE	1.89	310	IAML	IAML	02 25 43.0	
EJDE	EJDE	1.89	310	IAML	IAML	02 25 47.0	
EJDE	comp=N, 931nm, 0.9s					02 25 07.2	-1.9
ERZUM	Erzurum	1.90	313	iP	Pg	02 25 07.2	-1.9
ERZUM	Erzurum	1.90	313	Pn	Pb	02 25 07.1	-1.6
IMRD	Marand	1.98	87	eP	Pg	02 25 23.4	
IMRD	Marand	1.98	87	eP	Pb	02 25 07.0	-1.8
KARS	Kars	2.00	358	Pn	Pb	02 25 07.3	-1.7
KARS	Kars	2.00	358	eP	Pb	02 25 07.4	-1.6
SEAK	Senkaya-Erzuru	2.02	364	iP	Pn	02 25 14.0	-2.4
KAPZ	Kaputan	2.06	341	iP	Pn	02 25 05.3	-1.9
KAPZ	Kaputan	2.06	341	iS	Sn	02 25 31.1	-1.8
EAK	Akyaka	2.08	9	iP	Pb	02 25 12.1	-0.6
BINT	Bingol	2.11	278	eP	Pn	02 25 07.1	-0.8
VEDI	Yedisu-Bingol	2.20	292	Pn	Pb	02 25 10.2	-2.3
VEDI	Yedisu-Bingol	2.20	292	eP	Pn	02 25 10.1	-2.4
MARD	Mardin	2.30	236	iP	Pb	02 25 12.2	-2.0
MARD	Mardin	2.30	236	IAML	IAML	02 25 57.0	
MARD	comp=N, 2um, 0.8s					02 25 57.0	
MARD	comp=E, 972nm, 1.3s					02 25 13.0	-2.4
ITBZ	Tabriz	2.37	99	eP	Pb	02 25 14.2	-1.9
IAZR	Azarshahr	2.41	112	eP	Pb	02 25 13.8	-2.9
MAZI	Mazidag	2.45	242	Pn	Pb	02 25 13.5	-3.2
MAZI	Mazidag	2.45	242	eP	Pb	02 25 18.7	-1.9
DYDB	Diyarbakir	2.52	305	iP	Pb	02 25 18.7	-1.9
KOPT	Kop Dag	2.63	399	iP	Pb	02 25 20.1	+0.3
DABI	Agillar	2.63	399	iP	Pb	02 25 20.4	+0.4
DBAD	Bademkaya	2.64	335	iP	Pb	02 25 18.6	-3.0
MAHB	Mahabad	2.74	192	eP	Pb	02 26 12.4	
MAHB	Mahabad	2.74	192	eP	Pb	02 25 18.8	-1.6
AKH	Akhalkalaki	2.79	5	Pn	Pb	02 25 18.8	-1.6
AKH	Akhalkalaki	2.79	5	Pn	Pb	02 25 21.1	-1.5
DBOC	Borcka	2.95	337	iP	Pg	02 25 26.1	-3.1
PTK	Pertek	2.97	276	Pn	Pb	02 25 21.2	+1.5
SVRC	Sivrice-ELAZID	3.04	266	Pn	Pb	02 25 22.3	+1.6
AHAR	Ahar	3.04	91	eP	Pn	02 25 22.6	+1.9

IHR	Heris	3.05	95	eP	Pn	02 25 22.6	+1.7
BCA	Borcka	3.05	338	iP	Pb	02 25 27.5	+0.6
BCA	Borcka	3.05	338	Pn	Pb	02 25 22.6	+1.9
CHOM	Chayli-Rize	3.08	324	Pn	Pb	02 25 22.9	+1.8
BATM	Batum	3.18	340	iP	Pb	02 25 29.7	+0.6
BATM	Batum	3.18	340	Pn	Pb	02 25 29.4	+2.0
IHS	Hashtud	3.23 <td>94</td> <td>eP</td> <td>Pb</td> <td>02 25 29.7</td> <td>-0.4</td>	94	eP	Pb	02 25 29.7	-0.4
TBLG	Delisi	3.32	21	Pn	Pb	02 25 26.5	+2.1
TBLG	Delisi	3.32	21	Pn	Pb	02 25 27.4	-4.1
KELT	Kelik	3.39	298	iP	Pg	02 25 35.3	-2.5
KTUT	Trabzon	3.52	313	iP	Pb	02 25 36.2	+1.2
CHGR	Chaykhalari	3.71	349	Pn	Pb	02 25 24.4	+2.0
IDHR	Dehrash	4.07	146	eP	Pn	02 25 46.3	+2.8
IDHR	Dehrash	4.07	146	eP	Pn	02 26 06.2	
ILIN	Lien	4.79	139	eP	Pn	02 25 47.5	+2.7
GAZ	Gaziantep	4.93	255	Pn	Pb	02 25 48.1	+1.5
IVIS	Veis	5.05	143	eP	Pn	02 25 50.4	+2.1
IVIS	Veis	5.05	143	eP	Pn	02 25 50.4	+2.1
KBZ	Khabaz	5.10	358	Pn	Pb	02 25 52.0	+3.3
KBZ	comp=E, 0.1nm, 0.3s, baz=178, slow=11, SNR=3.5					02 26 03.3	
KBZ	comp=E, 0.1nm, 0.3s, baz=100, slow=10, SNR=2.8					02 26 10.3	
KBZ	comp=E, 388nm, 20.4s, baz=180, slow=43					02 26 12.4	
KIV	Kislovodsk	5.33	356	Pn	Pb	02 25 54.5	+2.4
KVAR	Kislovodsk Arr	5.33	356	Pn	Pb	02 25 56.2	+4.0
KVAR	baz=321, slow=18, SNR=1.4					02 25 56.2	+4.0
IKOM	Komasi	5.66	140	eP	Pn	02 25 58.7	+2.1
QABG	Abgarm-Qozalin	5.89	118	eP	Pn	02 26 02.1	+2.2
IDOB	Doab	6.30	139	eP	Pn	02 26 08.3	+2.4
IKFM	Kafar-masalin	6.34 <td>142</td> <td>eP</td> <td>Pn</td> <td>02 26 08.3</td> <td>+2.4</td>	142	eP	Pn	02 26 08.3	+2.4
IKMR	Kamar-syah	6.62	139	eP	Pn	02 26 11.2	+1.6
BRTR	Keskin Array B	7.49	281	Pn	Pb	02 26 25.5	+3.7
ANTO	Antara	8.15 <td>292</td> <td>Pn</td> <td>Pb</td> <td>02 26 33.5</td> <td>+2.8</td>	292	Pn	Pb	02 26 33.5	+2.8
ASF	Jabal al Astar	8.23 <td>220</td> <td>Pn</td> <td>Pb</td> <td>02 26 33.3</td> <td>+1.4</td>	220	Pn	Pb	02 26 33.3	+1.4
ASF	comp=E, 0.2nm, 0.3s, baz=358, slow=12, SNR=2.5					02 28 56.1	
MMAI							

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ, PETK, ZSN, KSH, TARG, SATY, KPKS, MKAR, etc.

PRE 19 03:16:14.1, 1.0, 25:47S;31.38E, h5km, ML2.6
ISC 19 03:16:15.7, 1.3, 25:54S;0.05:31.29E, h10km, n16,
r154.32, South Africa

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

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

DJA 19 03:31:36.2, 1.1, 1.3, S;3.12'E, h24km, gkm, M3.8/8,
mb4.1/2, MLV3.6/8, Southern Molucca Sea

IDC 19 04:44:38.3, 6.1, 36.14N;70.35E, h158km, 72km, mb3.1/4,
mb0.3.1/7, mb1mx2.9/40, mbtmp3.6/7, MS2.9/1, Ms1 2.9/1,
ms1mx2.1/25, Error ellipse: s-maj=79.2km s-min=44.6km
az=103.0

NNC 19 05:01:38.5, 5.7, 37.67N;71.13E, h0km, mb4.2, mpv3.9,
Error ellipse: s-maj=39.8km s-min=30.8km az=1.0

ISC 19 04:44:37.7, 1.9, 36.33N;0.70, 2.0, 74E, 0.2, h150km, n13,
r150/13, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLS, MRKS, KK31, AAK, etc.

IDC 19 05:01:30.0, 1.0, 39.07N;106.16E, h0km, mb3.6/5,
mb0.3.7/7, mb1mx3.4/49, mbtmp3.6/7, ML3.3/1, Error
ellipse: s-maj=47.3km s-min=17.2km az=61.0

ISC 19 05:01:35.4, 1.1, 39.22N;106.3E, 0.2, h35km, n9,
r068/9, mb3.7/5, Western Nei Mongol

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

SIGU 19 05:03:08.1, 1.0, 41.48N;0.8:27.4E;0.5, h2km, mb2.4/4
ISC 19 05:03:07.9, 1.1, 48.82N;0.04:27.40E;0.03, h3km, 7km,
n15, r067/28, 10C-10D, Ukraine-Moldova-Southwestern
Russia region

mb4.1(NEIC)
SNET 19 05:32:54.1, 1.0, 13.98N;91.40W, h19km, 51km, ML4.2
IDC 19 05:32:55.6, 2.6, 14.19N;91.39W, h69km, 18km, mb3.6/11,
mb1 3.9/14, mb1mx3.6/43, mbtmp3.9/14, MS3.4/2,
Ms1 3.4/2, ms1mx2.7/22, Error ellipse: s-maj=35.9km
s-min=16.2km az=26.0
MEX 19 05:32:56.1, 0.8, 13.91N;91.84W, h20km, 32km, MD3.9
ISC 19 05:32:53.3, 1.1, 13.91N;0.07:91.60W;0.05, h59km, 9km,
n133, r1936/144, mb4.1/23, 3C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTAL, STG3, FUG, etc.

AMTX Amarillo 22.79 338 P P 05 37 50.2 -0.9
W57A Alearid 22.79 326 P Iamb Iamb 05 37 57.8 -1.1
V55A comp=2.22nm, 1.5s Taylorsville 23.76 21 P P 05 38 02.6 +2.2

19d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like V55A, 319A Douglas, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIR 19 05:34:33.9, PHP Peshkopia, etc.

ATH 19 05:35:23.7, 40°58'N-25°29'E, h20km, 2km, ML2.4/8, Error ellipse: s-maj=2.1km s-min=1.0km az=98.0

BEA 19 05:35:28.3, 1.1, 40°71'N-25°12'E, h20km, 5km, ML2.3/3, Error ellipse: s-maj=2.0km s-min=0.6km az=129.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, THAS Thassos island, RDO Rodhopi, etc.

2014 JUL

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OUR Ouranopolis, KUR Kurdzhal, EZN Ezine, etc.

IDC 19 05:37:02.0, 0.5, 17°49'N-94°22'W, h153km, 7km, mb3.6/14, m1 3.8/16, mb1mx3.6/37, mbtmp4.1/16, Error ellipse: s-maj=22.6km s-min=11.9km az=54.0

NEIC 19 05:37:03.0, 2.6, 17°45'N-07°94.47'W, 0.05, h164km, 4km, Error ellipse: s-maj=10.5km s-min=7.1km az=198.0

MEX 19 05:37:04.0, 0.6, 17°48'N-94°45'W, h164km, 3km, MD4.5, Error ellipse: s-maj=10.5km s-min=7.1km az=198.0

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACON Acopya, JTS Las Juntas de, HDC Heredia, etc.

Table with columns: Code, Station Name, Az, Az*, Phase, ISC, Time, Res, h, s, ISC. Rows include stations like PV18, ISCO, IDAHO, etc.

Table with columns: Code, Station Name, Az, Az*, Phase, ISC, Time, Res, h, s, ISC. Rows include stations like KLR, H112, H111, etc.

Table with columns: Code, Station Name, Az, Az*, Phase, ISC, Time, Res, h, s, ISC. Rows include stations like MOZ, RPZ, RPZ, etc.

IDC 19 06:06:19.4s, 6.47, 24N: 152.78E, h58km, 47km, mb3.3/6, mb1 3.5/7, mb1mx3.2/5.4, mbtmp5.3/7, MLJ2.1, MSZ2.9/3, Ms1 2.9/3, ms1mx2.4/3.1, Error ellipse: s-maj=39.6km s-min=32.3km az=120.0

MOS 19 06:15:23.5s, 0.9, 31.780S: 179.45E, h433km, mb5.2/20, Error ellipse: s-maj=11.5km s-min=9.5km az=99.5 KLM 19 06:15:24.0, 31.93S: 179.62E, h435km, mb5.1, Hypocentre not reviewed by the ISC

Code Station Name Az Az* Phase ISC Time Res h s ISC. Rows include stations like PETK, PETK, etc.

19d 6h

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MTN, KMLB, KNRA, FITZ, etc.

2014 JUL

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SKR, B102, NIKH, etc.

924

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YBH, YBH, GYA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COLA, ILAR, CPUP, SONM, INK, W41B, ECSD, YKA, WVT, SPMM, JFWS, WCI, EYM, WMQ, O4BA, BDFB, BDFB, DGZ, T54A, ACSO, U55A, BOSA, O51A, P52A, U56A, ZSN, ZSN, ZSN, P54A, O53A, U57A, R55A, P54A, D46A, N53A, O54A, E47A, MK31, MKAR, MKAR, MKAR, D47A, MAK2, MAK2, Q56A, N54A, L53A, I51A, O55A, S58A, E48A, ZALV, ZALV, P56A, ERPA, M54A, PDGK, N55A, D48A, O56A, I52A, L54A, S59A, P57A, M55A, D49A, KPKS, KPKS, SATY, SATY, N56A, E50A, H52A, O57A, K54A, M56A, P58A, L55A.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like F51A, N57A, Q59A, TDK, TDK, TDK, KSH, KSH, KSH, KSH, NIL, NIL, K55A, O52A, F52A, D50A, E51A, SEM, L56A, H53A, M50K, M57A, TNSS, TNSS, G53A, AAA, AAA, J55A, D51A, N58A, CHKK, CHKK, G53A, U55A, L57A, M58A, G54A, NRK, NRK, KUU, KUU, KUU, KUU, ALGO, D52A, J56A, K57A, N59A, H55A, TKM2, TKM2, O60A, KURK, KURK, KURB, E53A, BINY, L58A, D53A, D53A, K54, N60A, E54A, J57A, G55A, K58A, UCH, CHMS, H56A, AAK, AAK, L59A, I57A, USP, M60A, F55A, J58A, D54A, K59A, AML, H57A, EK52, E55A, LSQO, I58A.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like L60A, M61A, J59A, N62A, G57A, BTLS, D55A, LONY, L61A, E56A, H58A, I59A, M62A, K61A, D56A, J60A, G58A, KBL, KBL, I60A, E57A, L61B, M63A, D57A, G59A, J61A, K62A, DZA, DZA, H60A, E58A, CHGO, L63A, F59A, J62A, M64A, G60A, K63A, D58A, OTUK, LBNH, H61A, LATQ, K63A, KKAR, KKAR, IUG, IUG, L64A, I62A, F60A, J63A, G61A, CHM, H62A, D59A, E60A, I63A, F61A, G62A, G62A, D60A, H63A, E61A, I64A, F62A, D61A, G63A, BVAO, H64A, BRVK, PKME, E62A, F63A, G64A, D62A, H65A, F64A, E63A, D63A, P61, G65A, E64A, H66A, SCHO, SCHO, SCHO, KMBQ, KMBQ, SVE.

Table with columns for station name, frequency, and signal strength. Includes stations like AB31 Akbulak array, GEYT Alibeck, ARU Spitsbergen Ar, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like NAOGM Simferopol, PABE Paberze, AKASG Malin Array Be, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like KRUC Neuenburg, GOPC GO Pecny, ONDR GO Pecny, etc.

BWNR	Bhubaneshwar	20.85	138	eP	P	07 22 29.6	-1.5
BWNR				I Amb	I Amb	07 22 33.3	
SHL	Shilong	20.91	117	eP	P	07 22 32.4	+0.5
SHL				I Amb	I Amb	07 22 39.1	
SHL	Shilong	20.91	117	P	P	07 22 32.9	+0.9
SHL				SNR=141			
SHL	Shilong	20.91	117	P	P	07 22 32.4	+0.5
SHL				p max	p max		
SHL	Shilong	20.91	117	P	P	07 22 32.4	+0.5
TBLG	Delisi	21.03	292	P	P	07 22 34.0	+1.1
TBLG	Delisi	21.03	292	P	P	07 22 34.0	+1.1
SVE	Sverdlovsk	21.19	344	eS	S	07 22 34.6	+0.2
SVE				eS	S	07 26 25.5	+0.1
SVE				p max	p max		
SVE				MLR	MLR		
ZIRO	ZIRO	21.25	110	iP	I Amb	07 22 36.3	+0.7
ZIRO				I Amb	I Amb	07 22 49.3	
ARU	Arti	21.34	340	P	P	07 22 36.0	-0.1
ARU				comp=Z,70nm,0.8s,baz=159,slow=8.5,SNR=188			
ARU				S	S	07 26 28.2	-0.2
ARU				comp=Z,11nm,0.5s,baz=172,slow=24,SNR=6.0			
ARU	Arti	21.34	340	dP	LR	07 31 48.2	
ARU				P	P	07 22 36.0	-0.1
ARU				S	S	07 26 29.4	+1.3
ARU				SS	SSnSn	07 27 02.7	+5.2
ARU				p max	p max		
ARU	Arti	21.34	340	P	P	07 22 35.6	-0.5
ZEI	Tsey	21.75	294	eP	P	07 22 39.4	-1.4
ZEI				p max	p max		
AKH	Akhalkalaki	21.94	290	P	P	07 22 44.9	+2.1
AKH				p max	p max		
AKH	Akhalkalaki	21.94	290	P	P	07 22 44.9	+2.1
AKH				I Amb	I Amb	07 22 57.6	
GTA	Gaotai	22.59	75	iP	P	07 22 50.9	+1.1
GTA				pP	pP	07 23 12.4	+4.9
GTA				S	S	07 26 52.3	+0.7
GTA				p max	p max		
GTA				LR	LR		
GTA				LR	LR		
GTA				LR	LR		
KBZ	Khabaz	22.59	296	P	P	07 22 48.8	-0.7
KBZ				comp=Z,29nm,0.8s,baz=119,slow=7.9,SNR=31			
KBZ				LR	LR	07 34 22.4	
KBZ	Khabaz	22.59	296	dP	P	07 22 48.6	-1.0
GOF	Gofitskoye	22.73	300	eP	P	07 22 53.6	+2.8
KIV	Kislovodsk	22.78	297	P	P	07 22 51.6	0.0
KIV	Kislovodsk	22.78	297	eP	P	07 22 50.9	-0.7
KIV				eP	P	07 23 09.7	+1.2
KIV				S	S	07 26 54.1	-0.4
KIV				eS	S		
KIV				p max	p max		
KIV				MLR	MLR		
KIV	Kislovodsk	22.78	297	P	P	07 22 51.4	-0.2
KIV				I Amb	I Amb	07 23 31.9	
LKP	Lekhapani	22.87	108	eP	P	07 22 52.9	+0.3
SOC	Sochi	24.87	295	eP	P	07 23 13.1	+2.3
SOC				eP	P	07 23 30.2	+0.4
SOC				eP	P	07 23 40.7	+1.3
SOC				eS	S	07 27 33.9	+5.9
SOC				eSS	SSnSn	07 28 09.6	-1.4
SOC				p max	p max		
SOC				MLR	MLR		
VRH	Novokhoporsky	25.38	314	eP	P	07 23 16.1	+0.8
VRH				eS	S	07 27 35.7	-0.2
VRH				p max	p max		
MOY	Mondy	25.72	45	eP	P	07 23 20.4	+1.9
MOY				p max	p max		
KIRV	Kirov	25.99	334	P	P	07 23 21.6	+0.9
LZH	Lanzhou	26.18	82	iP	P	07 23 24.6	+1.7
LZH				pP	pP	07 23 40.1	-2.6
LZH				S	S	07 27 52.6	+3.5
LZH				sS	sS	07 28 20.8	-2.2
LZH				SS	SSnSn	07 28 56.3	+0.5
LZH				p max	p max		
LZH				p max	p max		
LZH				LR	LR		
LZH				LR	LR		
ZAK	Zakamensk	26.61	49	eP	P	07 23 27.7	+1.1
ZAK				eP	P	07 24 03.3	
ZAK				p max	p max		
ZAK				p max	p max		
ANN	Anapa	26.62	298	eP	P	07 23 26.6	+0.1
ANN				eP	P	07 23 47.3	+1.8
ANN				eS	S	07 24 10.6	
ANN				eSS	SS	07 29 07.0	-4.3
ANN				p max	p max		
VORD	Divnogorie	26.72	312	eP	P	07 23 30.6	+3.2
VORD				p max	p max		
VSR	Storozhevoye	26.88	312	eP	P	07 23 29.6	+0.7
VSR				eS	S	07 27 59.5	-0.1
VSR				p max	p max		
VSR				s max	s max		
VORR	Voronezh	27.02	313	eP	P	07 23 30.0	0.0
VORR				p max	p max		
LPSR	Galich'ya Gora	27.52	315	eP	P	07 23 35.2	+0.7
LPSR				eS	S	07 28 09.0	-0.5
LPSR				p max	p max		
LPSR				s max	s max		
CD2	Chengdu	27.57	93	P	P	07 23 36.8	+1.5
CD2				sP	sP	07 24 10.6	+5.4
CD2				PcP	PcP	07 26 51.0	-0.2
CD2				S	S	07 28 17.0	+6.1
CD2				p max	p max		
CD2				p max	p max		
CD2				LR	LR		
CD2				LR	LR		
CD2				LR	LR		
CD2				LR	LR		
CD2				LR	LR		
IRK	Irkutsk	27.82	46	eP	P	07 23 38.1	+0.9
IRK				p max	p max		
SOMM	Songino Array	27.98	56	P	P	07 23 40.3	+1.4
SOMM				comp=Z,74nm,0.9s,baz=257,slow=10.0,SNR=288			
SOMM				LR	LR	07 35 01.7	
SOMM	Songino Array	27.98	56	P	P	07 23 39.5	+0.7
ULN	Ulanbaatar	28.42	56	cP	P	07 23 44.0	+1.1
ULN				p max	p max		
ULN				p max	p max		
ULN				P	P	07 23 44.0	+1.1
ULN				I Amb	I Amb	07 23 45.1	
SIM	Simferopol'	28.98	298	eP	P	07 24 07.5	+2.0

SIM	comp=Z,44nm,1.1s			p max	p max		
KMI	Kunming	29.31	105	iP	P	07 23 51.9	+0.9
KMI				pP	pP	07 24 07.0	-3.8
KMI				sP	sP	07 24 23.1	+2.5
KMI				PnPn	PnPn	07 24 48.0	+0.1
KMI				S	S	07 28 43.0	+4.2
KMI				sS	sS	07 29 13.0	+0.3
KMI				SSnSn	SSnSn	07 30 13.4	+0.9
KMI				p max	p max		
KMI	comp=Z,22nm,0.9s			p max	p max		
KMI	comp=Z,310nm,3.8s			LR	LR		
KMI	comp=Z,730nm,20.6s			LR	LR		
KMI	comp=Z,410nm,23.6s			LR	LR		
MOS	Moscow	29.49	321	eP	P	07 23 51.2	-0.8
MOS				e	e	07 24 11.5	
MOS				e	e	07 30 35.1	
MOS				p max	p max		
BRTR	Keskin Array B	29.49	287	P	P	07 23 53.8	+1.4
BRTR				comp=Z,7.2nm,0.8s,baz=93,slow=8.7,SNR=26			
BRTR				LR	LR	07 38 18.3	
MMAI	Mount Meron Arr	29.51	273	PcP	PcP	07 26 56.8	+0.8
PRGR	Pernogore	29.51	335	eP	P	07 23 52.1	0.0
PRGR				p max	p max		
OBN	Obninsk	29.78	319	P	P	07 23 55.2	+0.7
OBN				comp=Z,5.9nm,0.4s,baz=112,slow=21,SNR=9.5			
OBN	Obninsk	29.78	319	dP	P	07 24 14.7	+0.6
OBN				eP	P	07 24 54.7	
OBN				eS	S	07 28 43.1	-1.8
OBN				p max	p max		
OBN	comp=Z,35nm,0.6s			MLR	MLR		
OBN	comp=Z,593nm,20.0s			MLR	MLR		
OBN	Obninsk	29.78	319	P	P	07 23 55.1	+0.6
CHTO	Chiang Mai	30.24	119	P	P	07 23 59.3	+0.3
CHTO				p max	p max		
CHTO	Chiang Mai	30.24	119	P	P	07 23 59.3	+0.3
CHTO				I Amb	I Amb	07 24 03.1	
BTO	Baotou	30.32	71	eP	P	07 23 59.3	-0.4
BTO				S	S	07 28 47.9	-6.2
CM31	Chiang Mai Arr	30.48	119	I Amb	I Amb	07 24 19.7	
CMAR	Chiang Mai Arr	30.48	119	P	P	07 24 01.5	+0.4
CMAR				comp=Z,15nm,0.9s,baz=305,slow=8.5,SNR=46			
CMAR				S	S	07 30 31.6	-2.3
CMAR				ScP	ScP		
CMAR	comp=Z,312nm,22.0s,baz=340,slow=41			LR	LR	07 38 55.6	
CMAR	Chiang Mai Arr	30.48	119	iP	P	07 24 02.2	+1.1
CMAR				p max	p max		
PALK	Pallekele	30.70	161	P	P	07 24 04.2	+1.0
PALK				comp=Z,20nm,0.7s,baz=75,slow=9.6,SNR=8.0			
PALK	Pallekele	30.70	161	P	P	07 24 03.9	+0.8
PALK				I Amb	I Amb	07 24 05.0	
XAN	Xi'an	30.71	84	P	P	07 24 03.6	+0.5
XAN				pP	pP	07 24 20.3	-2.9
XAN				p max	p max		
XAN	comp=Z,79nm,0.8s			p max	p max		
XAN	comp=Z,300nm,5.1s			LR	LR		
XAN	comp=Z,490nm,13.0s			LR	LR		
XAN	Xi'an	30.71	84	I Amb	I Amb	07 24 14.6	
KLMR	Klimovskoe	31.25	330	dP	S	07 24 07.6	+0.2
KLMR				p max	p max	07 29 06.4	-1.5
KLMR	Klimovskoe	31.25	330	iP	P	07 24 07.7	+0.3
KLMR				eP	P	07 24 07.7	+0.3
KLMR				iP	P	07 24 07.7	+0.3
KLMR				AMP		07 24 19.9	
KLMR	comp=Z,86nm,1.5s			S	S	07 29 06.4	-1.5
KLMR				S	S	07 29 06.4	-1.5
HHC	Hu-ho-hao-te	31.47	70	eP	P	07 24 10.5	+0.7
HHC				sP	sP	07 24 39.1	-0.7
HHC				P	P	07 25 16.5	+0.8
HHC				S	S	07 29 10.4	-1.6
HHC				ScP	ScP	07 30 33.8	-3.2
HHC				p max	p max		
HHC	comp=Z,22nm,0.8s			p max	p max		
HHC	comp=Z,250nm,4.9s			LR	LR		
HHC	comp=Z,830nm,12.8s			LR	LR		
GYA	Guiyang	31.74	99	iP	P	07 24 13.3	+1.0
GYA				pP	pP	07 24 33.3	+1.0
GYA				p max	p max		
SLVN	Son La	32.29	110	I Amb	I Amb	07 24 19.5	
ENH	Enshi	32.40	90	I Amb	I Amb	07 24 30.8	
TIY	Taiyuan	32.61	76	eP	P	07 24 21.5	+1.7
TIY				p max	p max		
TIY	comp=Z,96nm,1.1s			LR	LR		
TIY	comp=Z,600nm,7.8s			LR	LR		
AKASG	Malin Array Be	32.85	308	P	P	07 24 21.9	+0.2
AKASG				comp=Z,270nm,8.4s,baz=80,slow=6.9,SNR=27			
AKASG	Malin Array Be	32.85	308	P	P	07 24 21.8	+

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ASAJ Asahikawa, JKA Kamikawa-asahi, NOR Nord, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TNTI Ternate, KULLO Kullorsuaq, WBSI Waikabubak, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PCA Pinnacle, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzP, ElP, AzS, ElS, AzO, ElO, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like H55A Tweed, I57A Carthage, I58A Old Forge, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzP, ElP, AzS, ElS, AzO, ElO, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like O20A White River Ci, MAW Mawson, NVAR Old Forge, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzP, ElP, AzS, ElS, AzO, ElO, AzR, ElR, AzT, ElT, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like GEC2 GERRSS Array S, GERES GERRSS Array B, WET Wetzell, etc.

TATO Taipei	0.73 340	Pn	Pb	07 38 00.6	-0.5
TATO Daxi	0.73 320	eP	Pb	07 38 10.1	-0.7
WLTB baz=320		eS	Sb	07 38 09.9	-1.4
TWB1 Santiao Chiao	0.74 16	eP	Pb	07 38 01.1	-0.3
TWB1 baz=22		eS	Sb	07 38 11.5	+0.3
WHP Taichung City	0.75 269	eP	Pb	07 38 01.3	-0.2
WHP baz=267		eS	Sb	07 38 10.9	-0.5
LIOB Emei	0.77 298	eP	Pb	07 38 01.6	-0.2
LIOB baz=291		eS	Sb	07 38 12.1	+0.1
NSTT Naniung	0.77 296	eP	Pb	07 38 01.4	-0.5
NSTT baz=295		eS	Sb	07 38 11.2	-0.8
NWF Wu-fen Shan	0.78 1	P	Pb	07 38 01.9	-0.1
NWF baz=2.0		eS	Sb	07 38 12.4	+0.1
WFSB Wu-fen Shan	0.78 1	P	Pb	07 38 01.9	-0.1
WFSB baz=358		eS	Sb	07 38 12.6	+0.4
VWDT VWDT	0.78 227	iP	Pb	07 38 01.2	-0.8
VWDT baz=218		eS	Sb	07 38 11.9	-0.3
TAP Taipei	0.78 343	eP	Pb	07 38 01.3	-0.7
TAP baz=343		eS	Sb	07 38 11.1	-1.0
DPDB Guoxing	0.81 252	iP	Pb	07 38 02.1	-0.4
DPDB baz=250		eS	Sb	07 38 12.8	-0.3
HGSD Ruisui	0.85 201	eP	Pn	07 38 01.5	-1.8
HGSD baz=215		eS	Sb	07 38 14.9	+0.6
NCUH Zhongli	0.86 322	eP	Pn	07 38 03.0	-0.4
NCUH baz=321		eS	Sb	07 38 14.9	+0.5
NCU National Centr	0.86 322	eP	Pn	07 38 02.9	-0.4
NCU baz=322		eS	Sb	07 38 15.1	+0.7
TWS1 Kuangyinshan	0.87 339	eP	Pn	07 38 03.2	-0.3
TWS1 baz=339		eS	Sb	07 38 15.4	+0.7
SBCB Hsinchu	0.87 305	eP	Pn	07 38 03.2	-0.4
SBCB baz=304		eS	Sn	07 38 16.3	+1.0
YM01 YM01	0.87 348	eP	Pn	07 38 03.2	-0.4
YM01 baz=339		eS	Sb	07 38 14.5	-0.4
EHY Hungye	0.88 207	eP	Pn	07 38 01.1	-2.6
EHY baz=206		eS	Sb	07 38 02.1	-1.7
YM10 YM10	0.88 348	eP	Pn	07 38 02.1	-1.7
YM10 baz=338		eS	Sb	07 38 15.1	-0.2
HSN Hsinchu	0.89 305	eP	Pn	07 38 02.7	-1.0
HSN baz=307		eS	Sn	07 38 16.1	+0.4
YM04 YM04	0.89 347	eP	Pn	07 38 02.3	-1.5
YM04 baz=337		eS	Sb	07 38 15.4	+0.1
SMLT Sun Moon Lake	0.89 243	eP	Pn	07 38 03.2	-0.7
SMLT baz=236		eS	Sb	07 38 14.7	-0.7
YM05 YM05	0.89 348	eP	Pn	07 38 02.7	-1.2
YM05 baz=339		eS	Sb	07 38 16.1	+0.7
YM11 YM11	0.89 349	eP	Pn	07 38 03.5	-0.4
YM11 baz=339		eS	Sb	07 38 12.8	-2.6
SSLB Suanglung	0.89 236	eP	Pn	07 38 02.9	-1.0
SSLB baz=230		eS	Sb	07 38 13.9	-1.6
SSLB Suanglung	0.89 236	Pn	Pb	07 38 02.9	-1.0
SSLB baz=230		Sn	Pb	07 38 14.2	-1.3
TWQ1 Liyutan	0.91 274	eP	Pn	07 38 04.4	+0.3
TWQ1 baz=272		eS	Sb	07 38 16.6	+0.8
YM08 YM08	0.91 350	eP	Pn	07 38 03.0	-1.1
YM08 baz=341		eS	Sb	07 38 14.8	-1.1
YM03 YM03	0.91 347	eP	Pn	07 38 03.9	-0.2
YM03 baz=338		eS	Sb	07 38 15.9	-0.1
TYC Yuchr	0.91 245	eP	Pn	07 38 03.6	-0.5
TYC baz=244		eS	Sn	07 38 17.2	+0.8
NTST Danshui	0.92 342	eP	Pn	07 38 03.8	-0.4
NTST baz=342		eS	Sb	07 38 16.8	+0.6
ANP Anpu	0.92 346	eP	Pn	07 38 04.5	+0.1
ANP baz=347		eS	Pn	07 38 04.4	+0.1
NMLH Miaoli	0.92 286	eP	Pn	07 38 04.4	+0.1
NMLH baz=292		eS	Sb	07 38 15.9	-0.3
NSY Sanyl	0.92 278	eP	Pb	07 38 05.0	+0.6
NSY baz=276		eS	Sn	07 38 17.6	+0.9
PTSB Yuanli	0.98 279	eP	Pn	07 38 05.6	+0.6
PTSB baz=285		eS	Sb	07 38 20.0	+2.1
YULB Yu-li	0.99 206	eP	Pn	07 38 02.8	-2.5
YULB baz=206		eS	Sn	07 38 16.7	-1.6
YULB Yu-li	0.99 206	Pn	Pb	07 38 04.8	-0.5
YULB baz=338		eS	Pn	07 38 05.2	-0.1
TWY Chenhua	0.99 351	eP	Pn	07 38 17.8	-0.6
TWY baz=244		eS	Sn	07 38 17.8	-0.6
TCU Taichung	1.00 262	eP	Pn	07 38 04.5	-0.8
TCU baz=261		eS	Sb	07 38 20.5	+1.9
WHYT Xinyi Township	1.02 235	P	Pn	07 38 05.5	-0.1
WHYT baz=232		eS	Sn	07 38 19.6	+0.5
TWF1 Yuli	1.03 205	eP	Pn	07 38 03.4	-2.3
TWF1 baz=215		eS	Sn	07 38 17.4	-1.8
WDJ Dajia District	1.03 273	eP	Pn	07 38 05.6	-0.1
WDJ baz=272		eS	Sb	07 38 21.2	+1.9
WJS Zhushan	1.05 244	eP	Pn	07 38 06.6	+0.5
WJS baz=231		eS	Sb	07 38 21.1	+1.0
WNT Mingjian	1.07 248	eP	Pn	07 38 06.6	+0.3
WNT baz=247		eS	Sb	07 38 22.3	+1.8
JYNG Yonagunijimaku	1.09 81	P	Pb	07 38 06.3	-0.2
JYNG baz=338		eS	Pn	07 38 21.9	+0.8
WCHH Zhanghua	1.12 259	eP	Pn	07 38 07.8	+0.8

WCHH baz=258		eS	Sb	07 38 23.4	+1.5
YOJY Yonaguni jima	1.15 81	eS	Pn	07 38 07.4	0.0
YOJY baz=258		eS	Pb	07 38 07.9	+0.2
YOJ Yonaguni jima	1.15 81	Pn	Pn	07 38 07.2	-0.2
FULB Fuli	1.17 202	eP	Pn	07 38 06.5	-1.2
FULB baz=213		eS	Sb	07 38 23.9	+0.6
ALS Alishan	1.17 229	eP	Sb	07 38 08.1	+0.1
ALS baz=219		eS	Sb	07 38 25.2	+1.5
CHNS Tsauling	1.21 235	eP	Pn	07 38 08.4	+0.1
CHNS baz=235		eS	Sb	07 38 26.0	+1.4
CHKT Chengkung	1.24 197	eP	Pn	07 38 07.4	-1.2
CHKT baz=183		eS	Sn	07 38 24.5	0.0
WGK Gukeng	1.25 242	eP	Pn	07 38 08.8	0.0
WGK baz=241		eS	Sb	07 38 27.6	+1.8
WDLH Douliu	1.27 242	eP	Pn	07 38 10.1	+1.1
WDLH baz=242		eS	Sb	07 38 27.7	+1.4
ELDTW Lidau	1.29 212	eP	Pn	07 38 08.4	-1.1
ELDTW baz=212		eS	Sn	07 38 25.6	-0.3
RLNB Erlin	1.34 253	eP	Pn	07 38 10.1	0.0
RLNB baz=252		eS	Sn	07 38 28.0	+0.0
PCYT Pengchaiyu	1.36 12	eP	Pn	07 38 09.6	-0.8
PCYT baz=12		eS	Sn	07 38 28.0	+0.5
CHN2 Minshiang	1.40 238	eP	Pb	07 38 12.8	+0.3
CHN2 baz=238		eS	Sb	07 38 30.4	+0.4
CHN4 Tsauhsan	1.42 229	eP	Pn	07 38 12.2	+1.1
CHN4 baz=221		eS	Sb	07 38 32.8	+2.2
TPUB Ta-pu	1.43 227	eP	Pn	07 38 12.3	+0.9
TPUB baz=218		eS	Sb	07 38 31.4	+0.5
TPUB Ta-pu	1.43 227	Pn	Pn	07 38 12.2	+0.9
STYT Ta-yuan	1.45 220	eP	Pn	07 38 12.1	+0.4
STYT baz=214		eS	Sn	07 38 30.1	+0.3
CHY Chiayi	1.46 238	eP	Pn	07 38 13.1	+1.5
CHY baz=238		eS	Sb	07 38 32.5	+0.9
WTP Ta-pu	1.48 226	P	Pn	07 38 13.1	+1.1
WTP baz=216		eS	Sb	07 38 32.6	+0.3
HWK Hsinying	1.55 229	eP	Pn	07 38 14.2	+1.2
HWK baz=231		eS	Sb	07 38 35.4	+1.0
SNST Tainan City	1.57 228	eP	Pn	07 38 14.6	+1.3
SNST baz=219		eS	Sb	07 38 35.9	+0.9
CHN1 Nanshi	1.58 226	eP	Pn	07 38 14.6	+1.2
CHN1 baz=229		eS	Sb	07 38 36.0	+0.9
TWG Pinlang	1.59 204	eP	Pn	07 38 12.9	-0.6
TWG baz=196		eS	Sn	07 38 34.2	+1.0
TWG Pinlang	1.59 204	Pn	Pn	07 38 13.9	+0.4
TWGBT Beinan	1.59 203	eP	Pn	07 38 12.3	-1.2
TWGBT baz=196		eS	Sn	07 38 31.1	-2.2
SGST Jiashian	1.62 222	eP	Pn	07 38 14.1	+0.3
SGST baz=214		eS	Sn	07 38 35.5	+1.7
SLGT Liugui	1.65 219	eP	Pn	07 38 15.1	+0.8
SLGT baz=221		eS	Sb	07 38 37.9	+0.8
CHN8 Yiju	1.70 237	eS	Pb	07 38 39.7	+1.0
CHN8 baz=227		eS	Pn	07 38 16.0	-0.2
IRIF Iriomote-Funau	1.79 88	P	Sn	07 38 38.5	+0.4
IRIF baz=196		eS	Pn	07 38 16.7	-0.2
ECL Taimali	1.84 204	eP	Pn	07 38 18.9	+1.8
ECL baz=196		eS	Sb	07 38 42.3	-0.8
SSD Sandimen	1.85 214	eP	Pn	07 38 18.9	+1.8
SSD baz=206		eS	Sb	07 38 42.3	-0.8
MASBT Mashibuluo	1.97 212	eP	Pn	07 38 20.3	+1.6
MASBT baz=217		eS	Sb	07 38 45.3	-1.0
JKRS Kuro-shima	2.05 91	P	Sn	07 38 20.3	+0.5
JKRS baz=217		S	Sn	07 38 45.6	+1.1
EAST Anshuo	2.08 204	eP	Pn	07 38 20.3	+0.1
EAST baz=200		eS	Sn	07 38 44.1	-1.1
PNG Penghu	2.15 251	eP	Pn	07 38 20.6	-0.4
PNG baz=250		eS	Pn	07 38 47.0	+0.2
PHUB Peng-hu	2.15 249	eP	Pn	07 38 20.2	-1.0
PHUB baz=249		eS	Sn	07 38 46.1	-0.8
JJJ Ishigaki jima	2.17 88	eS	Pn	07 38 47.7	+0.2
PTTC Pingtan	2.17 304	eP	Sn	07 38 20.3	-1.2
PTTC baz=302		eS	Pn	07 38 22.8	+1.2
SCZT Fangliu	2.18 209	eP	Pn	07 38 20.6	-1.5
SCZT baz=199		eS	Pn	07 38 23.4	-0.4
VWUC VWUC	2.22 289	eP	Pn	07 38 23.0	-1.5
VWUC baz=287		eS	Pn	07 38 20.4	-0.4
JJSG Ishigakijimahi	2.34 82	P	Sb	07 38 23.8	+0.2
JJSG baz=244		eS	Sb	07 38 23.9	-0.7
VCHM Qimei	2.39 244	eP	Pn	07 38 23.9	-0.7
VCHM baz=244		eS	Pn	07 38 24.6	-1.1
MATB Ma-tsu	2.48 319	eP	Pn	07 38 25.0	-1.2
MATB baz=316		eS	Pn	07 38 31.0	-1.7
PTMZ Houxiangcun	2.52 288	eP	Pn	07 38 31.0	-1.7
PTMZ baz=286		eS	Pn	07 38 31.0	-1.7
XPSS Dashiiju	2.99 332	eP	Pn	07 38 31.0	-1.7
XPSS baz=330		eS	Pn	07 40 43.7	+1.3
ENH Enshi	12.43 301	Pn	Pn	07 40 43.7	+1.3

CTA Charters Tower	19.50 196	P	Pn	07 48 12.2	-0.5
CTA Charters Tower	19.50 196	P	Pn	07 48 12.4	-0.3
MTN Charters Tower	23.61 240	P	P	07 48 54.0	-1.1
MTN Charters Tower	23.61 240	Iamb	Iamb	07 49 06.7	
EIDS Eidsvold	23.95 182	P	P	07 48 58.4	+0.3
EIDS Eidsvold	23.95 182	Iamb	Iamb	07 48 59.7	
DZM comp=Z,24nm,1.0s	25.01 147	LR	LR	07 58 21.2	
DZM comp=Z,110nm,18.2s,baz=316,slow=35	25.16 222	P	P	07 49 08.4	-0.8
WB0 Warramunga Arr	25.16 222	Iamb	Iamb	07 49 17.9	
WB0 Warramunga Arr	25.16 222	P	P	07 49 09.1	-0.4
WRO Warramunga Arr	25.19 221	Iamb	Iamb	07 49 10.5	
WRAB Tennant Creek	25.30 222	P	P	07 49 09.4	-1.0
WRAB Tennant Creek	25.30 222	Iamb	Iamb	07 49 19.2	
WB2 Warramunga Arr	25.31 222	P	P	07 49 09.6	-1.0
WB2 Warramunga Arr	25.31 222	Iamb	Iamb	07 49 19.4	
WRA Warramunga Arr	25.32 222	P	P	07 49 09.8	-0.8
WRA Warramunga Arr	25.32 222	P	P	07 49 08.1	-2.5
ASAR Alice Springs	28.30 217	P	P	07 49 36.7	-0.8
ASAR Alice Springs	28.30 217	P	P	07 49 36.2	-1.3
ASAR comp=Z,1.6nm,0.6s,baz=51,slow=7.6,SNR=19	28.30 217	P	P	07 52 50.1	-0.1
ASAR comp=Z,0.9nm,0.9s,baz=33,slow=2.5,SNR=4.3	28.30 217	P	P	07 49 36.6	-1.0
ASAR Alice Springs	28.30 217	P	P	07 49 44.1	+0.7
ARMA Armidale	28.97 181	P	P	07 49 45.2	
ARMA Armidale	28.97 181	Iamb	Iamb	07 49 45.2	
FITZ Fitzroy Crossi	30.77 236	P	P	07 50 01.7	+2.2
FITZ Fitzroy Crossi	30.77 236	Iamb			

Table with columns: HNR, Station Name, Time, Res, etc. Includes stations like Honiara, Warramunga Arr, WAKES ISLAND HY, etc.

IDC 19 07:54:22.250,0,16.74S,177.95W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.6/43,mbtmp3.4/3,Error ellipse: s-maj=922.0km s-min=163.6km az=78.0,Fiji Islands region

Table with columns: STKA, Station Name, Time, Res, etc. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

IDC 19 07:54:39.314,0,6.29S,130.05E,h75km,147km,mb3.6/1, mb1 3.4/4,mb1mx3.2/38,mbtmp3.6/4,ML3.4/3,Error ellipse: s-maj=118.7km s-min=58.9km az=42.0,Banda Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like FITZ, FITZ, WRA, ASAR, MKAR, etc.

IDC 19 08:01:36.015,2.94S,127.54E,h0km,mb3.7/3, mb1 4.0/5,mb1mx3.6/39,mbtmp3.8/5,ML3.9/2,Error ellipse: s-maj=35.1km s-min=24.4km az=82.0

IDC 19 08:01:42.511,2.98S,0.09,127.63E,0.09,h47km,13km, mb4.0/10,Error ellipse: s-maj=15.3km s-min=11.3km az=12.0

IDC 19 08:01:42.40,0,2.96S,0.08,127.66E,0.10,h42km,n20, s=111/20,mb3.6/3,Ceram Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like PALK, ASAR, WRA, MKAR, etc.

IDC 19 08:24:46.014,0,9.94S,107.39W,h0km,mb3.5/3, mb1 3.9/3,mb1mx3.6/24,mbtmp3.5/3,MS3.6/2,Ms1 3.6/2, ms1mx3.0/20,Error ellipse: s-maj=454.4km s-min=244.5km az=57.0,Central East Pacific Rise

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like H03N2, H03N1, H03N3, etc.

IDC 19 08:30:54.417,51.88N,0.10,178.41E,0.09, h110km,4km,mb4.4/120,ML4.2(AE/C),Error ellipse: s-maj=14.4km s-min=7.3km az=192.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like LSSA, LSNW, LPSA, etc.

IDC 19 08:30:55.0,0.6,52.03N,178.44E,h12km,4km,mb3.9/28, mb1 4.1/30,mb1mx4.0/46,mbtmp4.3/30,MS3.0/8, s-min=8.1km az=165.0

IDC 19 08:30:54.5,0.5,51.86N,0.07,178.41E,0.04,h112km,3km, h111km;p-P,n252,e1922/252,mb4.6/43,5C-17D,Rat

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

IDC 19 08:01:36.015,2.94S,127.54E,h0km,mb3.7/3, mb1 4.0/5,mb1mx3.6/39,mbtmp3.8/5,ML3.9/2,Error ellipse: s-maj=35.1km s-min=24.4km az=82.0

IDC 19 08:01:42.511,2.98S,0.09,127.63E,0.09,h47km,13km, mb4.0/10,Error ellipse: s-maj=15.3km s-min=11.3km az=12.0

IDC 19 08:01:42.40,0,2.96S,0.08,127.66E,0.10,h42km,n20, s=111/20,mb3.6/3,Ceram Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SUI, SUI, FAKI, SOEI, etc.

IDC 19 08:15:35.923,0,24.65S,69.26E,h0km,mb3.5/3, mb1 3.7/3,mb1mx3.7/54,mbtmp3.5/3,MS3.4/1,Ms1 3.4/1, ms1mx2.6/28,Error ellipse: s-maj=748.1km s-min=44.9km az=52.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: COLA, ILAR, ILAR, etc. Includes stations like Eielson Array, Ragged Mountain, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like H03N2, H03N1, H03N3, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like LSSA, LSNW, LPSA, etc.

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

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SUI, SUI, FAKI, SOEI, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SUI, SUI, FAKI, SOEI, etc.

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Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SUI, SUI, FAKI, SOEI, etc.

NVAR	comp=Z,2.5nm,0.6s,baz=295,slow=7.7,SNR=8.5	PcP	P	08 40 39.5 +0.8
NVAR	comp=Z,0.9nm,0.8s,baz=292,slow=4.8,SNR=1.9	ScP	P	08 44 19.7 -1.1
NVAR	comp=Z,0.5nm,0.6s,baz=304,slow=4.9,SNR=4.9	P	P	08 39 00.7 +0.2
MDPB	Devils Postpil 45.23 83 Iamb Iamb	P	P	08 39 03.3 +0.6
QLMT	Earthquake Lak 45.50 70 P P	P	P	08 39 01.6 -1.0
HHC	Hu-ho-hao-te 45.88 284 eP P	P	P	08 39 07.5 +1.9
HHC	comp=Z,2.5nm,0.8s	pmax	pmax	
HHC	comp=Z,5.2nm,4.9s	pmax	pmax	
TPNV	Topopah Spring 47.41 81 Iamb Iamb	P	P	08 39 18.8
PDAR	Pinedale Array 47.81 71 P P	P	P	08 39 19.7 -1.0
PDAR	comp=Z,2.1nm,0.9s,baz=305,slow=5.2,SNR=14	pP	pP	08 39 46.5 -0.2
PDAR	comp=Z,0.9nm,0.6s,baz=326,slow=3.4,SNR=4.3	pP	pP	
PDAR	Pinedale Array 47.81 71 P P	P	P	08 39 19.4 -1.4
GSC	Goldstone, Bar 48.13 84 P P	P	P	08 39 23.4 +0.3
GSC	comp=Z,4.0nm,0.8s	pmax	pmax	
GSC	Goldstone, Bar 48.13 84 P P	P	P	08 39 23.4 +0.3
GSC	comp=Z,4.0nm,0.8s	Iamb	Iamb	08 39 24.3
O20A	White River Cj 50.22 73 Iamb Iamb	P	P	08 39 40.2
PV03	Paradox Valley 51.06 75 P P	P	P	08 39 44.8 -0.6
PV13	Radium Mtn., P 51.14 75 Iamb Iamb	P	P	08 39 46.3
XAN	Xian 51.86 279 P P	P	P	08 39 51.3 0.0
XAN	comp=Z,12nm,1.1s	pmax	pmax	08 40 02.4 -1.5
XAN	comp=Z,2.20nm,4.7s	pmax	pmax	
ZALV	Zalesovo Beam 52.42 312 P P	P	P	08 39 54.0 -1.1
ZALV	comp=Z,0.7nm,0.4s,baz=54,slow=2.5,SNR=2.2	pP	pP	08 41 04.7 +0.5
ZALV	comp=Z,4.0nm,0.7s,baz=31,slow=4.3,SNR=13	LR	LR	09 02 50.6
ZALV	comp=Z,1.8nm,1.8s,baz=138,slow=37	P	P	08 39 53.6 -1.4
SUMG	Summit 52.42 312 P P	P	P	08 40 00.7 -0.5
SUMG	comp=Z,30nm,0.9s	pmax	pmax	
SUMG	Summit 52.23 13 IJP P	P	P	08 40 00.7 -0.5
SUMG	comp=Z,30nm,0.9s	pmax	pmax	
SUMG	Summit 52.23 13 P P	P	P	08 40 00.3 -0.9
LMZH	Lanzhou 53.58 284 eP P	P	P	08 40 05.3 +1.3
LMZH	comp=Z,2.2nm,1.1s	pmax	pmax	08 40 28.5 -2.1
LMZH	comp=Z,2.2nm,1.1s	pmax	pmax	08 40 45.5 +2.6
LMZH	comp=Z,2.2nm,1.1s	pmax	pmax	08 42 14.8 +9.3
GTA	Gaotai 53.77 290 P P	P	P	08 40 05.9 +0.6
GTA	comp=Z,1.4nm,0.8s	pP	pP	08 40 31.6 -0.3
GTA	Jazzator, Alta 53.86 306 IJP P	P	P	08 40 45.9 +1.6
DGZ	comp=Z,4.0nm,1.1s	pmax	pmax	
DGZ	comp=Z,4.0nm,1.1s	pmax	pmax	
ARCES	ARCCESS Array B 57.30 349 P P	P	P	08 40 28.6 -1.4
ARCES	comp=Z,1.7nm,0.7s,baz=19,slow=7.1,SNR=12	PcP	PcP	08 41 23.0 +0.2
ARCES	ARCCESS Array B 57.30 349 P P	P	P	08 41 23.1 -1.9
ARCES	comp=Z,1.2nm,0.9s,baz=37,slow=8.2,SNR=3.8	PcP	PcP	08 40 22.3 -0.5
KURK	Kurchatov 57.42 312 IJP P	P	P	08 40 30.8 -0.2
KURK	comp=Z,1.4nm,1.3s	pmax	pmax	
KURK	Kurchatov 57.42 312 P P	P	P	08 40 30.1 -1.0
WMQ	Urumqi 57.61 301 P P	P	P	08 40 34.8 +2.2
WMQ	comp=Z,20nm,0.8s	pmax	pmax	
WMQ	comp=N,110nm,24.5s	LR	LR	
WMQ	comp=E,240nm,24.5s	LR	LR	
WMQ	comp=Z,100nm,26.1s	LR	LR	
MK31	Makanchi Array 58.36 307 Iamb Iamb	P	P	08 40 37.3
MKAR	Makanchi Array 58.36 307 P P	P	P	08 40 36.7 -1.0
MKAR	comp=Z,3.3nm,0.6s,baz=52,slow=6.9,SNR=30	P	P	08 40 36.9 -0.8
MKAR	Makanchi Array 58.36 307 IJP P	P	P	
MKAR	comp=Z,3.0nm,0.6s	pmax	pmax	
MKAR	Makanchi Array 58.36 307 P P	P	P	08 40 36.4 -1.3
MAKZ	Makanchi 58.35 307 P P	P	P	08 40 37.8 -0.9
MAKZ	comp=Z,5.0nm,0.8s	Iamb	Iamb	08 40 38.7
MAKZ	Makanchi 58.51 307 P P	P	P	08 40 37.8 -0.9
GYA	Guiyang 58.55 274 IJP P	P	P	08 40 39.3 -0.1
GYA	comp=Z,2.8nm,2.0s	pmax	pmax	
BRVK	Borovoye 59.40 318 IJP P	P	P	08 40 44.7 -0.1
BRVK	comp=Z,5.0nm,0.5s	pmax	pmax	
BRVK	Borovoye 59.40 318 P P	P	P	08 40 44.6 -0.1
TX32	Lajitas Array 60.29 79 P P	P	P	08 40 51.1 -0.2
TX32	comp=Z,3.7nm,1.4s	Iamb	Iamb	08 40 51.7
TXAR	Lajitas Array 60.29 79 P P	P	P	08 40 51.1 -0.2
TXAR	comp=Z,0.3nm,0.8s,baz=279,slow=4.8,SNR=24	ScP	ScP	08 45 24.9 -1.1
TXAR	Lajitas Array 60.29 79 P P	P	P	08 40 50.7 -0.6
TXAR	Lajitas Array 60.29 79 P P	P	P	08 40 50.7 -0.6
SCHO	Schefferville 60.69 37 P P	P	P	08 40 53.0 -0.5
SCHO	comp=Z,1.8nm,0.5s,baz=300,slow=6.0,SNR=1	P	P	08 40 52.7 -0.9
ARU	Arti 61.26 327 IJP P	P	P	08 41 23.9 -0.2
ARU	comp=Z,1.5nm,0.9s	pP	pP	08 41 38.9
ARU	comp=Z,1.5nm,0.9s	pP	pP	08 43 13.1
ARU	comp=Z,1.5nm,0.9s	pP	pP	08 49 11.4 +3.2
ARU	comp=Z,1.5nm,0.9s	pP	pP	08 53 08.4 -0.9
KIRV	Kirov 62.36 333 IJP P	P	P	08 41 05.9 +1.2
FCAR	Ozark Folk Cen 62.45 66 Iamb Iamb	P	P	08 41 04.7
KLMR	Klimovskoe 62.91 339 eP P	P	P	08 41 04.2 -4.1
KLMR	comp=Z,6.0nm,1.4s	pmax	pmax	08 41 09.7
KLMR	comp=Z,6.0nm,1.4s	pmax	pmax	
FINES	FINESS Array B 64.91 346 P P	P	P	08 41 19.9 -1.5
FINES	comp=Z,0.7nm,0.4s,baz=25,slow=7.6,SNR=18	pP	pP	08 41 47.4 -0.9
FINES	FINESS Array B 64.91 346 P P	P	P	08 41 19.7 -1.7
AAK	Ala-Archa 65.20 308 eP P	P	P	08 41 24.2 +0.4
AAK	comp=Z,1.3nm,1.7s	pmax	pmax	
AAK	Ala-Archa 65.20 308 P P	P	P	08 41 23.7 -0.1
L56A	Greenwood 65.64 52 P P	P	P	08 41 25.5 -1.0
L56A	comp=Z,5.3nm,0.8s	Iamb	Iamb	08 41 26.6
ABKAR	Akbulak array 66.49 321 P P	P	P	08 41 31.5 -0.2
KK31	Karatay Array 66.76 311 Iamb Iamb	P	P	08 41 34.4
KKAR	Karatay Array 66.76 311 P P	P	P	08 41 33.2 -0.4
KKAR	Karatay Array 66.76 311 P P	P	P	08 41 33.2 -0.4
KKAR	Karatay Array 66.76 311 Iamb Iamb	P	P	08 41 34.4
NC204	NORSAR Array S 66.78 354 P P	P	P	08 41 32.9 -0.5
KSH	Kashi 66.81 305 P P	P	P	08 41 37.9 +3.8
KSH	comp=Z,2.7nm,1.0s	pP	pP	08 42 08.1 -5.5
KSH	comp=Z,2.7nm,1.0s	pP	pP	08 44 04.5 +2.5
KSH	comp=Z,2.7nm,1.0s	pP	pP	08 50 16.9 -0.6
KSH	comp=Z,2.7nm,1.0s	pP	pP	08 51 11.3 -9.1
KSH	comp=Z,2.7nm,1.0s	pmax	pmax	

KSH	comp=Z,46nm,3.1s	LR	LR	
KSH	comp=N,120nm,7.8s	LR	LR	
KSH	comp=E,200nm,6.4s	LR	LR	
ARSB	Arslanbob 66.93 308 Iamb Iamb	P	P	08 41 36.4
NB2	NORSAR Subarra 66.98 353 P P	P	P	08 41 33.5 -1.2
NOA	NORSAR Array B 66.98 353 P P	P	P	08 41 33.5 -1.2
NOA	comp=Z,0.5nm,0.6s,baz=8.7,slow=6.3,SNR=8.6	PcP	PcP	08 42 02.1 -0.2
OBN	Oblinsk 68.78 338 IJP P	P	P	08 41 45.0 -1.0
OBN	comp=Z,2.3nm,0.8s,baz=8.3,slow=6.5,SNR=9.8	ePP	ePP	08 42 14.9 +1.6
OBN	comp=Z,2.3nm,0.8s,baz=8.3,slow=6.5,SNR=9.8	ePP	ePP	08 44 19.1
OBN	comp=Z,2.3nm,0.8s,baz=8.3,slow=6.5,SNR=9.8	eS	eS	08 50 43.6 +3.4
OBN	comp=Z,1.1nm,0.7s	pmax	pmax	
BTK	Batken 68.96 308 Iamb Iamb	P	P	08 41 48.8
CMAR	Chiang Mai Arr 69.24 274 P P	P	P	08 41 49.6 +0.2
CMAR	comp=Z,3.8nm,0.8s,baz=24,slow=7.1,SNR=12	PcP	PcP	08 42 13.4 +1.0
CMAR	Chiang Mai Arr 69.24 274 IJP P	P	P	08 41 50.2 +0.8
CMAR	comp=Z,4.0nm,0.8s	pmax	pmax	
CMAR	Chiang Mai Arr 69.24 274 P P	P	P	08 41 49.6 +0.2
CMAR	comp=Z,4.0nm,0.8s	pmax	pmax	08 41 51.4 +0.7
TAPN	Taplejung 69.40 288 eP P	P	P	08 41 55.5 +0.8
GUN	Gumba 70.06 290 eP P	P	P	08 41 55.7 +0.9
JIRN	Jiri 70.06 289 eP P	P	P	08 41 56.9 +0.4
RAMN	Ramit 70.36 289 eP P	P	P	08 41 58.3 +0.3
PKI	Pulchoki 70.59 290 eP P	P	P	08 41 58.4 +0.5
PKIN	Pulchoki 70.59 290 eP P	P	P	08 41 58.9 +0.4
GKN	Gorkha 70.71 291 eP P	P	P	08 41 59.5 +0.7
DMN	Daman 70.73 290 eP P	P	P	08 42 00.8 +0.7
DANN	Dangsing 70.96 292 eP P	P	P	08 42 03.6 +0.4
KOLN	Koldanda 71.49 291 eP P	P	P	08 42 04.3 +0.4
PYUN	Pyuthali 71.59 292 eP P	P	P	08 42 10.7 +0.5
NIL	Nirole 72.70 303 P P	P	P	08 42 10.7 +0.5
NIL	comp=Z,24nm,1.2s	pmax	pmax	
NIL	Nirole 72.70 303 P P	P	P	08 42 18.3 -0.6
KBL	Kabul 74.16 306 P P	P	P	08 42 18.3 -0.6
KBL	comp=Z,12nm,0.8s	pmax	pmax	
KBL	Kabul 74.16 306 P P	P	P	08 42 18.3 -0.6
AKASG	Malin Array Be 74.53 340 P P	P	P	08 42 19.5 -1.0
AKASG	comp=Z,0.8nm,0.3s,baz=23,slow=6.8,SNR=8.6	pmax	pmax	08 42 20.7 +0.2
AKASG	Malin Array Be 74.53 340 P P	P	P	08 42 20.7 +0.2
AKASG	comp=Z,1.0nm,0.5s	pmax	pmax	08 42 21.3 -0.8
AKASG	Malin Array Be 74.53 340 P P	P	P	08 42 20.7 +0.2
AKKB	Malin Array Si 74.53 340 IJP P	P	P	08 42 19.7 -0.8
AKKB	Malin Array Si 74.53 340 Iamb Iamb	P	P	08 42 21.3
GEYT	Alibek 76.53 315 P P	P	P	08 42 33.1 +0.9
GEYT	comp=Z,3.0nm,0.6s,baz=33,slow=6.6,SNR=5.4	ScP	ScP	08 42 32.7 +0.4
GEYT	Alibek 76.53 315 LR LR	P	P	09 18 41.8
Kislovodsk Arr	77.17 329 LR LR	P	P	08 42 36.8 +1.0
Kislovodsk Arr	comp=Z,6.5nm,2.10s,baz=290,slow=37	P	P	
KIV	Kislovodsk 77.18 329 eP P	P	P	08 42 36.8 +1.0
KIV	comp=Z,2.1nm,1.0s	pmax	pmax	
KBZ	Khabaz 77.31 329 P P	P	P	08 42 37.2 +0.9
KBZ	comp=Z,0.8nm,0.6s,baz=26,slow=4.4,SNR=7.6	pP	pP	08 42 38.6 +1.0
KOLS	Kolonickie sedl 77.54 344 eP P	P	P	08 42 38.6 +1.0
KOLS	comp=Z,2.0nm,0.6s	pmax	pmax	08 42 39.7
KOLS	Kolonickie sedl 77.54 344 eP P	P	P	08 42 39.7
KOLS	comp=Z,6.8nm,0.7s	Iamb	Iamb	08 42 39.5 -0.1
ZEI	Tsey 77.82 328 eP P	P	P	08 42 41.2 -0.5
ZEI	comp=Z,1.3nm,0.9s	pmax	pmax	08 42 41.7 -0.1
BUR08	Bucovina Arr S 78.25 342 P P	P	P	08 42 58.2
BUR08	Bucovina Array 78.28 342 P P	P	P	08 42 57.9 +0.2
WUR	Warramunga Arr 81.19 221 Iamb Iamb	P	P	08 43 26.7 +0.9
WRA	Warramunga Arr 81.19 221 P P	P	P	08 42 57.9 +0.2
WRA	comp=Z,6.3nm,0.7s	pP	pP	08 43 26.7 +0.9
WRA	comp=Z,0.4nm,0.5s,baz=31,slow=5.8,SNR=1.3	pP	pP	08 42 57.4 -0.3
WRA	Warramunga Arr 81.19 221 P P	P	P	08 43 10.7 -0.4
BRTR	Keskin Array B 83.76 333 P P	P	P	08 43 13.1 +2.0
BRTR	comp=Z,1.0nm,0.5s	pmax	pmax	08 43 10.5 -0.7
BRTR	Keskin Array B 83.76 333 P P	P	P	08 43 16.4 +0.7
ASAR	Alice Springs 84.70 220 P P	P	P	08 43 15.9 +0.2
ASAR	comp=Z,3.6nm,0.8s,baz=23,slow=5.4,SNR=4.0	pP	pP	08 43 39.9 +1.7
STKA	Stevens Creek 89.42 211 P P	P	P	08 43 39.6 +1.3
STKA	comp=Z,6.2nm,0.5s,baz=35,slow=6.4,SNR=22	Iamb	Iamb	08 43 40.4
STKA	Stevens Creek 89.42 211 P P	P	P	08 43 40.4
TORD	Tordi Arr, Bea 115.20 356 PKP PKIP	P	P	08 49 21.5 -1.3
TORD	comp=Z,0.8nm,0.6s,baz=349,slow=2.3,SNR=12	P	P	08 49 21.0 -1.8
TORD	Tordi Arr, Bea 115.20 356 PKIP PKP	P	P	08 49 34.7 -0.5
DBIC	Dimbokro 121.63 4 PKP PKP	P	P	08 49 34.4 -0.9
DBIC	comp=Z,1.6nm,0.6s,baz=45,slow=1.6,SNR=4.1	PKP	PKP	08 53 06.3 -1.3
CPUP	Florida 131.63 4 SKPbc SKPbc	P	P	08 53 14.0 -0.4
CPUP	comp=Z,1.5nm,0.7s,baz=31,slow=6.1,SNR=7.3	SKPbc	SKPbc	08 50 19.2 +0.2
PLCA	Paso Flores 132.78 105 SKPbc SKPbc	P	P	08 50 22.4 0.0
PLCA	comp=Z,1.7nm,0.8s,baz=299,slow=6.9,SNR=5.3	SKPbc	SKPbc	08 50 22.4 0.0
MAW	Mawson 145.80 218 PKPbc PKPbc	P	P	08 50 22.4 0.0
MAW	comp=Z,6.1nm,0.6s,baz=89,slow=3.9,SNR=23	PKPbc	PKPbc	08 50 30.8 -0.5
LBTB	Lobatse 146.14 312 PKP2 PKP2	P	P	08 50 30.8 -0.5
LBTB	Lobatse 146.14 312 PKPbc PKPbc	P	P	08 50 30.8 -0.5
BOSA	Boshof 149.34 309 PKPbc PKIP	P	P	08 50 30.8 -0.5
BOSA	comp=Z,6.9nm,0.6s,baz=27,slow=2.6,SNR=20	PKIP	PKIP	08 50 30.8 -0.5
BELA	Belgrano 2 151.24 166 PKPbc PKPbc	P	P	08 50 33.0 -0.1
SNA4	Sanae 160.11 179 PKPbc PKPbc	P	P	08 51 19.6 -0.2
SNA4	Sanae 160.11 179 PKPbc PKPbc	P	P	08 51 19.4 -0.3
SNA4	Sanae 160.11 179 PKPbc PKPbc	P	P	08 51 19.4 -0.3
WNA3	Neumayer Olymp 160.21 172 PKPbc PKPbc	P	P	08 51 20.5 +0.4

19d 11h

Table with columns: Station, Time, Res, and various codes. Includes stations like Rata Peaks, Port Moresby, Stephens Creek, etc.

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Table with columns: Station, Time, Res, and various codes. Includes stations like Songino Array, SONGM, SONGM, etc.

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Table with columns: Station, Time, Res, and various codes. Includes stations like Grafenberg Arr, Bochum-Univer, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Urewera, Ostrava-Krasne, etc.

mb1 3.7/4, mb1mx3.2/4.0, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=84.9km s-min=25.9km az=57.0, Gansu

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
SONM	Songino Array	12.70	359	Op	ISC	11 35 22.1	+0.1
MKAR	Makanchi Array	21.80	310	P	P	11 37 13.6	-0.1
WRA	Warramunga Arr	60.68	150	P	P	11 42 32.9	-0.3
ASAR	Alice Springs	63.86	152	P	P	11 42 54.8	+0.3

JMA 19 11:39:21.2, 24.66N; 122.61E, h22km, 1km, M1.8
 TAP 19 11:39:22.3, 24.68N; 122.48E, h12km, 1km, ML2.6, D
 ISC 19 11:39:20.9, 24.67N; 0.03; 122.59E; 0.02, h17km, 8km, n47, r0544/86, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
JYNG	Yonagunijimaku	0.39	124	P	Pg	11 39 29.0	+0.1
JYNG	Yonagunijimaku	0.44	118	P	Sg	11 39 34.5	+0.2
YOJ	Yonaguni jima	0.64	118	P	Sg	11 39 29.7	0.0
YOJ	Yonaguni jima	0.62	286	P	Sg	11 39 35.7	0.0
EGS	baz=288					11 39 33.4	+0.3
EGS	baz=288					11 39 40.8	-0.7
TWB1	Santiao Chiao	0.64	302	iP	Pg	11 39 33.6	+0.1
TWB1	baz=306					11 39 41.9	-0.2
TWC	Suao	0.68	265	iP	Pg	11 39 34.2	0.0
TWC	baz=263					11 39 43.5	+0.1
NTC	Toucheng	0.71	285	eP	Pb	11 39 35.3	+0.4
NTC	baz=286					11 39 44.0	-0.4
ENAH	Nanao	0.74	253	iP	Pg	11 39 35.6	+0.2
ENAH	baz=249					11 39 45.8	+0.5
TIPB	Shuangxi	0.76	294	iP	Pg	11 39 35.8	+0.1
TIPB	baz=296					11 39 46.2	+0.5
ENA	Nanao	0.81	253	P	Pb	11 39 36.3	-0.2
ENA	baz=249					11 39 46.7	-0.5
NWF	Wu-fen Shan	0.84	299	S	Sb	11 39 48.3	+0.1
TWE	Neicheng	0.84	274	iP	Pb	11 39 36.8	-0.2
TWE	baz=273					11 39 48.0	-0.4
ENTT	Nioudou	0.93	268	iP	Pb	11 39 39.0	+0.4
ENTT	baz=267					11 39 51.2	0.0
TWA	Mucha	0.96	289	eP	Pg	11 39 39.4	+0.2
TWA	baz=290					11 39 52.0	-0.3
NDT	Datong Townshi	0.98	266	P	Pg	11 39 40.0	0.0
NDT	baz=265					11 39 53.1	-0.4
NWLT	Wulai	0.99	276	eP	Pb	11 39 39.9	+0.2
NWLT	baz=276					11 39 52.7	-0.5
NHDH	Xindian Distri	1.01	287	P	Pb	11 39 40.3	+0.3
NHDH	baz=288					11 39 53.3	-0.4
NACB	Ninganchiao	1.03	242	P	Pb	11 39 40.3	-0.1
NACB	baz=238					11 39 53.5	-0.1
YMO1	YMO1	1.04	297	P	Pb	11 39 40.3	-0.2
YMO1	baz=299					11 39 53.5	-0.4
YMO8	YMO8	1.04	300	eS	Sb	11 39 53.3	-0.7
YMO8	baz=302					11 39 40.7	0.0
YMO10	YMO10	1.05	298	eP	Pb	11 39 40.7	0.0
YMO10	baz=299					11 39 54.6	-0.5
PCYT	Pengchayiu	1.06	334	iP	Pg	11 39 42.2	+0.7
YMO4	YMO4	1.07	297	eP	Pb	11 39 40.7	-0.3
TWD	Chiawan	1.08	237	eP	Pb	11 39 40.7	-0.4
TWD	baz=233					11 39 55.9	0.0
TWY	Chenhua	1.08	304	P	Pn	11 39 41.8	+0.5
TWY	baz=306					11 39 55.7	-0.3
IRIF	Iriomote-Funau	1.09	108	P	Pn	11 39 40.4	-1.0
IRIF	baz=269					11 39 56.1	+0.8
YHNB	Yehong	1.10	270	P	Pb	11 39 41.9	+0.3
YHNB	baz=269					11 39 55.7	-0.1
ETLH	Xiulin Townshi	1.11	246	eP	Pb	11 39 41.6	-0.1
ETLH	baz=242					11 39 56.3	-0.6
NSK	Sanguang	1.12	271	iP	Pb	11 39 42.0	+0.1
NSK	baz=269					11 39 56.1	-0.1
NNSB	Datong	1.12	258	P	Pn	11 39 42.3	+0.3
NNSB	baz=256					11 39 56.1	-0.3
NNSH	Datong	1.12	258	eP	Pb	11 39 42.2	+0.3
NNSH	baz=256					11 39 56.8	-0.4
NNS	Nan Shan	1.13	259	iP	Pn	11 39 42.4	+0.3
NNS	baz=256					11 39 57.3	-0.3
HATJ	Hateruma jima	1.27	119	eS	Sb	11 40 00.6	+0.2
NCU	National Centr	1.31	283	P	Pb	11 39 45.3	+0.2
NCU	baz=283					11 40 00.7	-0.9
WHF	Hehuan Shan	1.32	247	P	Pb	11 39 45.7	+0.3
WHF	baz=244					11 40 02.8	+0.5
JKRS	Kuro-shima	1.36	108	P	Pn	11 39 45.1	-0.1
LIOB	Emei	1.43	269	eP	Pb	11 39 47.4	+0.3
LIOB	baz=268					11 40 05.7	+0.5
NSTT	Nanjuang	1.45	269	eP	Pb	11 39 45.9	-0.4
NSTT	baz=267					11 40 04.6	-0.4
JIJ	Ishigaki jima	1.45	102	P	Pn	11 39 46.4	+0.1
JIJ	baz=102					11 39 40.5	+0.1
WHP	Taichung City	1.55	256	P	Pb	11 39 49.0	-0.2
WHP	baz=254					11 40 08.0	-0.5
JISG	Ishigakijimahi	1.57	93	P	Pn	11 39 47.8	-0.2
JISG	baz=93					11 40 07.3	-0.6
HGSD	Ruisui	1.58	223	eP	Pb	11 39 49.8	+0.1
HGSD	baz=219					11 39 50.5	+0.4
VWDT	VWDT	1.61	236	eP	Pb	11 39 50.5	+0.4
VWDT	baz=233					11 40 10.9	+0.7
EHY	Hungye	1.64	225	eP	Pb	11 39 50.0	+1.1
EHY	baz=222					11 40 10.6	-0.4
EHY	baz=222						

SSLB Suanglung 1.73 240 eP Pb 11 39 52.4 +0.1
 SSLB baz=237 eS Sb 11 40 13.0 -0.8
 YULB baz=237 1.74 223 eP Pn 11 39 50.7 +0.4
 YULB baz=220 eS Sb 11 40 13.2 -0.6
 WHYT Xinyi Township 1.86 239 eP Pn 11 39 53.1 +1.0
 WHYT baz=236 eS Sn 11 40 15.6 +0.4
 FULB Full 1.88 219 eS Sb 11 40 17.4 -0.8
 FULB baz=216

ISC 19 11:42:45.5; 1.2, 30.29S; 177.06W, h0km, mb4, 1/5, mb1 4.3/5, mb1mx3.9/27, mbtmp4.1/5, Error ellipse: s-maj=28.7km s-min=26.3km az=2.0
 NEIC 19 11:42:49.3; 0.8, 30.1S; 0.1; 177.3W; 0.2, h21km, 6km, mb4, 4/15, Error ellipse: s-maj=24.5km s-min=10.8km az=61.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
RAO	Raoul Island	1.15	323	Pn	Pb	11 43 10.9	+0.5
RAO	379nm, 0.3s, baz=87, slow=6.4, SNR=7.3					11 43 29.7	+4.7
RAO	Raoul Island	1.15	323	Pn	Pn	11 43 08.3	-1.4
RAO						11 43 22.6	-2.2
HNR	Honiara	29.74	309	P	P	11 48 49.5	-4.3
CTAO	Chartiers Tower	34.52	278	P	P	11 49 37.0	+1.2
STKA	Stephens Creek	35.27	256	P	P	11 49 43.7	+1.6
STKA	2.5nm, 0.7s, baz=59, slow=2.5, SNR=5.3					11 49 43.7	+1.6
STKA	Stephens Creek	35.27	256	P	P	11 49 42.3	+0.4
BBOO	Bucklebo	39.76	254	P	P	11 50 20.1	0.0
AS31	Alice Springs	43.88	266	P	P	11 50 53.5	-0.5
ASAR	Alice Springs	43.88	266	P	P	11 50 53.8	-0.3
ASAR	1.8nm, 0.8s, baz=104, slow=7.1, SNR=16					11 51 00.5	+0.1
WR0	Warramunga Arr	44.67	272	P	Iamb	11 51 01.8	
WR0	comp=Z, 5.3nm, 1.1s					11 51 01.5	-0.2
WB2	Warramunga Arr	44.84	271	P	Iamb	11 51 20.3	
WB2	comp=Z, 3.9nm, 0.7s					11 51 01.8	0.0
WRA	Warramunga Arr	44.85	271	P	P	11 51 02.0	+0.3
WRA	comp=Z, 1.1nm, 0.6s, baz=11, slow=8.0, SNR=16					11 51 02.0	+0.3
WBO	Warramunga Arr	44.87	272	P	P	11 51 01.8	-0.2
KNRA	Kunurra	51.45	274	P	P	11 51 53.0	+0.2
FITZ	Fitzroy Crossi	53.12	269	P	P	11 52 04.7	-0.5
CASY	Casey	55.69	208	P	Iamb	11 52 22.9	-0.3
CASY	comp=Z, 3.2nm, 0.8s					11 52 25.3	
QSPA	South Pole Qui	59.94	180	P	P	11 52 54.2	+1.0
SNA4	Sanae	78.36	178	P	Iamb	11 54 47.6	+0.5
SNA4	comp=Z, 2.9nm, 1.2s					11 54 49.4	
PETK	Petropavlovsk	85.79	345	P	P	11 55 26.3	-0.2
PETK	comp=Z, 1.3nm, 0.6s, baz=16, slow=9.2, SNR=3.9					11 55 26.6	+0.6
NVAR	Mina Array Bea	87.56	342	P	P	11 55 36.7	+1.3
NVAR	comp=Z, 0.4nm, 0.7s, baz=226, slow=6.0, SNR=5.2					11 55 36.1	+0.7
WUAZ	Wupatki	89.94	48	P	P	11 55 47.2	+0.6
WUAZ	comp=Z, 2.5nm, 0.8s					11 55 49.5	
FINES	FINES Array B	145.19	341	PKPbc	PKPab	12 02 23.4	-0.3
FINES	comp=Z, 4.9nm, 0.6s, baz=52, slow=3.7, SNR=57					12 02 23.6	-0.4
NB2	NORSAR Subarrat 148.64	352	PKP	PKPbc	12 02 33.7	+0.1	
NB2	comp=Z, 0.4nm, 0.7s, baz=226, slow=6.0, SNR=5.2					12 02 33.6	+0.1
NOA	NORSAR Array B	148.64	352	PKPbc	PKPbc	12 02 33.6	+0.1
NOA	comp=Z, 1.3nm, 0.9s, baz=15, slow=4.3, SNR=4.7					12 02 40.8	-0.5
AKASA	Malin Array Be	151.58	324	PKPbc	PKIkp	12 02 40.8	-0.5
AKASA	comp=Z, 1.0nm, 0.4s, baz=48, slow=3.2, SNR=6.9					12 02 41.1	-0.2
AKASA	Malin Array Be	151.58	324	PKIkp	PKIkp	12 02 41.1	-0.2

NEIC 19 11:53:05.8; 2.5, 28.64S; 0.05; 67.50W; 0.09, h118km, 6km, mb4.0/6, Md3.8(SJA), Error ellipse: s-maj=11.5km s-min=7.3km az=97.0
 ISC 19 11:53:05.9; 1.8, 28.67S; 67.46W, h117km, 14km, mb3.7/4, mb1 3.5/8, mb1mx3.4/28, mbtmp3.9/8, Error ellipse: s-maj=37.4km s-min=13.2km az=112.0
 ISC 19 11:53:06.2; 0.6, 28.64S; 0.04; 67.55W; 0.06, h130km, n43, r1846/65, mb3.9/5, La Rioja Province

comp=Z, 1.4nm, 0.4s, baz=316, slow=4.1, SNR=6.6
 ZALV Zalesovo Beam 147.66 31 PKPbc PKPbc 12 12 36.5 +1.5
 MKAR Makanchi Array 150.30 44 PKPbc PKPbc 12 12 42.9 +0.9
 MKAR Makanchi Array 150.30 44 PKIkp PKIkp 12 12 43.5 +0.8

MEX 19 12:04:55.7; 0.6, 31.94N; 114.93W, h10km, MD3.7
 ECX 19 12:04:55.6; 0.7, 31.92N; 115.03W, h20km, 4km, MD2.5, ML2.7
 ISC 19 12:04:52.5; 1.4, 31.96N; 0.03; 114.93W; 0.06, h18km, 5km, n18, r0550/31, 4C-4D, Gulf of California

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	h m s	ISC
GUVIX	Guadalupe Vct	0.36	340				

19d 12h

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like XAN, LSA, LZH, etc.

2014 JUL

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Residual, and other parameters. Includes stations like ARSA, BRG, SOKA, etc.

942

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like UCH, KST, TKM2, etc.

Table with columns: TDK, Taldyqorghan, 5.48, 2, Pg, Pb, 12 17 58.5+4.4, etc.

MOS 19 12:27:08.1+1.0, 15:725S:174:57W, h216km, mb5.6/33, Error ellipse: s-maj=7.3km s-min=6.8km az=110.4

NEIC 19 12:27:10.0+1.3, 15:82S:0:07:174:45W, 0:08, h227km, 3km, mb5.7/505, Mw6.2/103, Mw6.2, Mw6.3(GCMT), Error ellipse: s-maj=11.2km

NEIC 19 12:27:10.2+1.5, 15:83S:174:43W, h230km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; Mr:0.74; Mw:0.07; Ms:0.81; Mb:0.47; Mw:0.42; Mw:2.40; Fault plane solution: M2:6.0000x10^18 Np1:227.910000, 514.450000, 1.145.710000. NP2:351.350000, 881.920000, 1.77.990000. Principal axes: T 2.6370, Plg52.0000, Azm248.0000; N -0.0757, Plg12.0000, Azm353.0000; P -2.5613, Plg36.0000, Azm92.0000;

KLM 19 12:27:11.0, 15:75S:174:26W, h238km, mb6.0, Hypocentre not reviewed by the ISC

IDC 19 12:27:11.3+0.3, 15:76S:174:54W, h234km, 2km, mb5.2/35, mb1.5/237, mb1mxs2/41, mbtmps7/37, Error ellipse: s-maj=5.6km s-min=5.6km az=173.0

BGR 19 12:27:11.5+0.0, 15:98S:174:23W, h230km, 3km

NEIC 19 12:27:16.15:62S:174:16W, h234km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; Mr:0.45; Mw:0.13; Ms:0.33; Mb:0.44; Mw:0.77; Mw:2.56; Fault plane solution: M2:74.0000x10^18 Np1:35.250000, 886.000000, 1.73.000000. Principal axes: T 2.8882, Plg46.0000, Azm247.0000; N -0.3245, Plg17.0000, Azm355.0000; P -2.5637, Plg39.0000, Azm99.0000;

GCMT 19 12:27:16.0+0.0, 15:64S:174:18W, h234km, Mw6.2/176, Moment Tensor Solution, s172c426, s178c698; Duration: 361; Moment tensor: Scale 10^18Nm; Mr:0.41; Mw:0.12; Ms:0.12; Mb:0.28; Mw:0.41; Mw:0.41; Mw:0.76; Mw:2.44; Mw:4.01; Best double couple: M2:6.0000x10^18 Np1:254.000000, 818.000000, 1.69.000000. NP2:355.000000, 887.000000, 1.73.000000. Principal axes: T 2.7530, Plg46.0000, Azm247.0000; N -0.3070, Plg17.0000, Azm356.0000; P -2.4460, Plg39.0000, Azm100.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 19 12:27:17.15:90S:174:40W, h230km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; Mr:0.47; Mw:0.17; Ms:0.30; Mb:0.53; Mw:2.53; Fault plane solution: M2:6.6000x10^18 Np1:35.246.000000, 812.000000, 1.63.000000. NP2:352.000000, 886.000000, 1.78.000000. Principal axes: T 2.8068, Plg47.0000, Azm250.0000; N -0.3287, Plg12.0000, Azm353.0000; P -2.4781, Plg40.0000, Azm93.0000;

ISC 19 12:27:10.8+0.2, 15:77S:0:03:174:45W, 0:03, h230km, 1km, h231km, p-P, n1415, s1711/1474, mb5.7/365, 66C-37D, Tonga Islands

Table with columns: Code, Station Name, Lat, Az, Op, Phase, ISC, H, m, Res, ISC

Main table with columns: KMRZ, Kaimai, 23.57 199, P, P, 12 32 03.1+2.3, etc.

Main table with columns: MTSU, Mount Surprise, 39.45 261, P, P, 12 34 18.5 -0.7, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TNTI Ternate, SONE Soe, SANI Sanana, BATI Baumat, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JOW comp=N,3.2nm,1.0s, JOW Kunigami, JAW Jajag, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ISA Isabella Lake, ISA Isabella Lake, ISA Isabella Lake, etc.

GRAC	baz=238	75.17	44	P	P	12 38 28.6	+0.8
GRAC	baz=237,SNR=80			S	S	12 47 51.6	+4.6
FURC	baz=237	75.16	45	P	P	12 38 28.6	+0.6
FURC	baz=237,SNR=38			S	S	12 47 50.9	+3.5
TUQ	baz=237	75.25	46	P	P	12 38 29.1	+0.4
TUQ	baz=238			S	S	12 47 52.4	+3.5
SHOC	baz=238	75.25	46	P	P	12 38 29.1	+0.5
SHOC	baz=238,SNR=16			S	S	12 47 52.9	+4.3
NVAR	baz=238	75.28	42	P	P	12 38 29.1	+0.1
NVAR	comp=Z,137nm,0.9s, baz=227,slow=6.7,SNR=336			pp	pp	12 39 21.5	-0.9
NVAR	comp=Z,23nm,1.0s, baz=226,slow=9.9,SNR=2.0			PKPPKP	P P'df	13 05 53.9	+3.2
NVAR	comp=Z,1.3nm,1.0s, baz=72,slow=3.0,SNR=5.8			P	P	12 38 28.8	-0.2
PAHR	baz=237	75.32	41	I	I	12 39 27.9	
102D	Swisshome	75.35	35	P	P	12 38 30.0	+1.0
102D	baz=230			S	S	12 47 55.3	+5.9
103D	baz=230	75.37	36	P	P	12 38 29.8	+0.7
103D	baz=231,SNR=11			S	S	12 47 54.6	+5.1
113A	baz=231	75.42	49	I	I	12 39 28.1	
KDAK	Mohawk Valley	75.42	49	I	I	12 39 28.1	
KDAK	comp=Z,362nm,1.8s						
KDAK	Kodiak Island	75.49	12	P	P	12 38 29.0	-0.4
KDAK	comp=Z,284nm,1.8s			pm	pm		
KDAK	Kodiak Island	75.49	12	P	P	12 38 29.0	-0.4
KDAK	comp=Z,284nm,1.8s			I	I	12 39 32.0	
TJNJ	Taejon	75.51	316	/P	P	12 38 29.6	-0.4
CMJ	Cimerak	75.56	365	/P	P	12 38 31.4	+0.6
K04D	comp=Z,5um,comp=Z,3um,comp=Z,106nm,1.2s	75.62	37	P	P	12 38 31.4	+0.7
K04D	Chiloduin, OR	75.62	37	P	P	12 38 31.4	+0.7
K04D	baz=232			S	S	12 47 57.2	+4.6
KSR5	baz=232	75.72	316	P	P	12 38 31.5	+0.4
KSR5	Korea Array	75.72	316	P	P	12 38 31.5	+0.4
KSR5	comp=Z,139nm,0.9s, baz=128,slow=6.6,SNR=70			pp	pp	12 39 30.7	+3.2
214A	comp=Z,19nm,1.1s, baz=125,slow=6.4,SNR=5.1	75.73	51	P	P	12 38 31.9	+0.5
214A	Organ Pipe Nat	75.73	51	P	P	12 38 31.9	+0.5
214A	baz=241			S	S	12 47 57.4	+3.3
214A	Organ Pipe Nat	75.73	51	I	I	12 39 30.0	
214A	comp=Z,332nm,1.8s						
KSAR	Wunu Array Be	75.74	316	P	P	12 38 31.0	-0.3
KSAR	Wunu Array Be	75.74	316	P	P	12 38 31.0	-0.3
KVN	Kaiserville	75.76	42	I	I	12 39 30.2	
KS19	comp=Z,313nm,1.6s	75.78	316	P	P	12 38 31.5	-0.1
J04D	Wunu Array Si	75.78	316	P	P	12 38 32.5	+0.8
J04D	Umpqua Nationa	75.79	37	P	P	12 38 32.5	+0.8
TPNV	Topopah Spring	75.83	45	P	P	12 38 32.5	+0.5
TPNV	baz=237,SNR=166			S	S	12 47 59.0	+3.7
TPNV	Topopah Spring	75.83	45	I	I	12 38 35.6	
TPNV	comp=Z,123nm,1.1s						
PDMCI	Parker Dam,Lak	75.92	48	P	P	12 38 33.0	+0.6
PDMCI	baz=239,SNR=66			S	S	12 47 59.6	+3.6
COR	baz=239	75.96	35	P	P	12 38 32.7	+0.4
COR	Corvallis	75.96	35	P	P	12 38 32.7	+0.4
COR	comp=Z,128nm,1.3s			pm	pm		
I04A	Corvallis	75.96	35	P	P	12 38 32.7	+0.4
I04A	Tendick Farm,	75.96	36	P	P	12 38 32.8	+0.3
I04A	baz=231,SNR=21			S	S	12 47 59.4	+3.3
MOD	baz=231	76.04	39	I	I	12 39 32.0	
MOD	Modoc Plateau	76.04	39	I	I	12 39 32.0	
MOD	comp=Z,273nm,1.4s						
KSM	Kuching	76.21	276	P	P	12 38 35.0	
CISI	Cisomet, Garu	76.22	266	P	P	12 38 34.5	-0.2
CISI	comp=Z,8um,comp=Z,6um,comp=Z,288nm,1.2s			P	P	12 38 33.9	+0.2
TYV	Tymovskoe	76.23	334	eS	pp	12 39 29.2	+1.7
TYV				pm	pm		
H04D	comp=Z,54nm,1.0s	76.23	35	P	P	12 38 34.7	+0.8
H04D	Lebanon	76.23	35	P	P	12 38 34.7	+0.8
H04D	baz=231,SNR=27			S	S	12 48 02.3	+3.4
J05D	baz=231	76.32	37	P	P	12 38 35.5	+0.8
J05D	Fort Rock, OR	76.32	37	P	P	12 38 35.5	+0.8
J05D	baz=232,SNR=78			S	S	12 48 04.8	+4.4
G03D	baz=232	76.38	35	P	P	12 38 35.4	+0.7
G03D	McMinnville, O	76.38	35	P	P	12 38 35.4	+0.7
G03D	baz=230,SNR=15			S	S	12 48 04.9	+4.4
VLA	baz=230	76.48	323	/P	P	12 38 36.1	+0.8
VLA	Vladivostok	76.48	323	/P	P	12 38 36.1	+0.8
VLA	comp=Z,89nm,2.5s			pm	pm		
Y14A	Wickenburg	76.56	49	I	I	12 38 39.5	
Y14A	comp=Z,145nm,1.1s						
MSHR	MyS Shultsa	76.59	322	/P	P	12 38 37.2	+1.3
MSHR	comp=Z,34nm,1.3s			pm	pm		
LEM	Lembang	76.60	267	P	P	12 38 36.7	-0.2
LEM	comp=Z,417nm,1.0s, baz=114,slow=6.2,SNR=26			pp	pp	12 39 32.8	-0.4
INCN	comp=Z,172nm,1.0s, baz=127,slow=3.7,SNR=3.4	76.60	316	P	P	12 38 37.4	+1.2
INCN	Inchon	76.60	316	P	P	12 38 37.4	+1.2
INCN	comp=Z,64nm,0.8s			pm	pm		
INCN	Inchon	76.60	316	P	P	12 38 37.4	+1.2
H04A	Detroit Lake	76.64	35	I	I	12 39 34.9	
H04A	comp=Z,287nm,1.4s						
F03A	Seaside	76.68	34	I	I	12 39 35.6	
F03A	comp=Z,313nm,1.5s						
KNMB	Chin-men Tao	76.74	300	P	P	12 38 37.5	+0.3
KNMB	comp=Z,250nm,1.5s			I	I	12 38 39.0	
OZH	Quanzhou	76.77	304	/P	P	12 38 37.5	+0.1
OZH	comp=Z,417nm,1.0s, baz=114,slow=6.2,SNR=26			pp	pp	12 39 36.8	+3.1
OZH	comp=Z,145nm,1.1s			sP	sP	12 39 57.1	+1.7
OZH	comp=Z,2.49nm,1.7s			sS	sS	12 48 08.0	+2.5
OZH	comp=Z,86nm,1.2s			pm	pm	12 49 45.3	+5.4
OZH	comp=Z,3um,4.2s			LR	LR		
I05D	comp=Z,1um,16.6s			LR	LR		
I05D	Terrebonne, OR	76.91	36	P	P	12 38 38.3	+0.6
I05D	baz=232,SNR=24			S	S	12 48 09.3	+2.9
CNJ1	baz=232	76.94	266	P	P	12 38 39.2	+0.6
CNJ1	Cibinong	76.94	266	P	P	12 38 39.2	+0.6
CNJ1	comp=Z,3um,comp=Z,6um,comp=Z,475nm,1.1s			P	P	12 38 38.0	0.0
CHJN	Chongjin	76.95	321	P	P	12 38 39.5	+1.3
WOSN	Wonsan	76.98	317	P	P	12 38 39.0	+0.3
R11A	Troy Canyon, C	77.03	44	P	P	12 48 10.6	+2.4
R11A	baz=238			S	S	12 39 37.5	
R11A	Troy Canyon, C	77.03	44	I	I	12 39 37.5	
R11A	comp=Z,296nm,1.3s						
F04D	Rainier, OR	77.07	34	P	P	12 38 40.1	+1.5
F04D	baz=230						
E03A	Lebam	77.07	33	I	I	12 38 42.8	
E03A	comp=Z,149nm,1.1s						
USRK	comp=Z,1.0nm,0.9s, baz=137,slow=4.3,SNR=19	77.07	324	P	P	12 38 38.5	-0.1
USRK	Ussuriysk Ar	77.07	324	P	P	12 39 34.1	-1.0
USRK	comp=Z,22nm,1.1s, baz=111,slow=4.3,SNR=4.6			pp	pp	12 38 38.8	+0.1
USRK	Ussuriysk Ar	77.07	324	P	P	12 39 34.8	+0.1
USA0B	Ussuriysk Arra	77.08	324	I	I	12 39 44.5	
F04A	Amboy	77.29	34	I	I	12 39 38.8	
F04A	comp=Z,256nm,1.5s						
HHU	Hamhung	77.32	318	P	P	12 38 40.9	+0.8

HHU	WVOR	Wild Horse Val	77.36	39	S	I	12 48 14.7	+3.8
HHU	comp=Z,332nm,1.4s			I	I	12 39 39.4		
CNMP	China Poot	77.37	12	P	P	12 38 39.9	-0.1	
SSE	Sheshan	77.38	308	S	S	12 38 40.8	+0.2	
SSE	comp=Z,15nm,0.7s			pm	pm	12 48 13.4	+1.6	
SSE	comp=Z,700nm,6.1s			pm	pm			
SSE	comp=Z,800nm,20.6s			LR	LR			
SSE	comp=Z,580nm,20.8s			LR	LR			
TUC	Tucson	77.41	51	P	P	12 38 41.8	+0.9	
TUC	comp=Z,138nm,1.1s			pm	pm			
TUC	Tucson	77.41	51	P	P	12 38 41.7	+0.8	
TUC	baz=242			I	I	12 38 41.8	+0.9	
TUC	Tucson	77.41	51	P	P	12 38 41.8	+0.9	
TUC	comp=Z,138nm,1.1s			I	I	12 38 43.3		
G05D	Wamic, OR	77.47	35	P	P	12 38 41.5	+0.6	
G05D	baz=232,SNR=15							
HJU	Haeju	77.50	316	P	P	12 38 41.3	+0.2	
DIB	Dawson Inlet,	77.59	24	P	P	12 38 40.2	-1.0	
H02S1	DAWSON INLET T	77.59	24	P	P	12 38 42.4	+1.1	
H02S1	SNR=3.7							
H02N1	WAV INLET T-PH	77.61	24	P	P	12 38 41.8	+0.3	
E04D	Cinebar	77.61	34	P	P	12 38 42.5	+0.9	
F05D	White Salmon	77.79	35	P	P	12 38 43.7	+1.1	
F05D	baz=232,SNR=14							
I07A	baz=232,SNR=14	77.80	37	I	I	12 39 42.1		
I07A	comp=Z,256nm,1.5s							
D04E	Lakebay	77.89	33	P	P	12 38 44.6	+1.5	
X16A	Lo Mia Camp, P	77.92	49	I	I	12 38 47.0		
X16A	baz=230,SNR=7.5							
D03D	Eldon	77.95	33	P	P	12 38 44.2	+0.8	
D03D	comp=Z,152nm,0.9s							
J08A	Circle Bar Ran	77.99	38	I	I	12 39 43.0		
J08A	comp=Z,222nm,1.5s							
PYAG	Pyongyang	78.01	317	P	P	12 38 44.8	+0.9	
PYAG	comp=Z,149nm,1.0s			pp	pp	12 39 43.0		
PYAG	comp=Z,149nm,1.0s			sP	sP	12 40 04.8	+2.2	
PYAG	comp=Z,149nm,1.0s			sS	sS	12 40 04.8	+2.2	
PYAG	comp=Z,149nm,1.0s			SS	SS	12 40 20.1	+1.8	
PYAG	comp=Z,149nm,1.0s			SS	SS	12 49 57.4	+5.2	
PYS	Pyongsong	78.05	317	P	P	12 38 45.0	+0.9	
319A	Douglas	78.12	32	I	I	12 38 47.9		
KGE	Kangye	78.46	319	P	P	12 38 47.6	+1.2	
PGC	Sidra	78.48	32	P	P	12 38 44.7	-1.6	
WUAZ	Wupatki	78.50	48	P	P	12 38 47.8	+0.9	
WUAZ	baz=241,SNR=65							
ELK	Elko	78.53	42	I	I	12 39 45.9		
ELK	comp=Z,270nm,1.6s							
O22K	Cooper Landing	78.56	12	P	P	12 38 46.5	+0.1	
O22K	baz=204							
F07A	Phinny Hill Vi	78.64	35	P	P	12 38 47.9	+0.6	
BBB	Bella Bella	78.67	27	I	I	12 38 49.9		
BBB	comp=Z,149nm,0.9s							
MDJ	Mudanjiang	78.70	323	I	I	12 39 53.6		
MDJ	comp=Z,259nm,1.7s							
G08A	Pilot Rock	78.83	36	I	I	12 39 47.5		
G08A	comp=Z,259nm,1.7s							
A04D	Lummi Island	78.91	32	P	P	12 38 49.5		

Table with columns for country codes (AKTO, AKTO, HRA, etc.), names, coordinates, and various status codes (PKP, PKPpdf, etc.).

Table with columns for country codes (CLL, CLL, CLL, etc.), names, coordinates, and various status codes (eSKSP, SPP, etc.).

Table with columns for country codes (KECS, BART, BART, etc.), names, coordinates, and various status codes (ePKP, PKP, etc.).

MOA	comp=Z,217nm,1.4s	iPKPKiP	PKKiP	12 47 26.8	-0.6
BZS	Buzias 147.33 339	↑P	PKPbc	12 46 27.4	+0.1
BZS	Buzias 147.33 339	↑PKP2	PKPbc	12 46 27.4	+0.1
FUR	Furstenfeldbrunn 147.35 353	ePKPbc	PKPbc	12 46 27.3	-0.1
FUR	baz=9.4,slow=3.1				
FUR	baz=6.7,slow=3.2	epPKPbc	PKPbc	12 47 25.5	+0.6
BHL	Bhannes 147.43 309	eP	PKPbc	12 46 28.3	+0.2
BFO	Black Forest 147.45 357	PKP2	PKPbc	12 46 27.1	-0.5
BFL	Black Forest 147.45 357	eP	PKPbc	12 46 27.1	-0.5
SZH	Sztrazhica 147.54 332	eP	PKPbc	12 46 25.0	-0.1
ARSA	Arzberg 147.54 347	iPKPbc	PKPbc	12 46 27.6	-0.3
ARSA	comp=Z,15nm,1.1s,SNR=8.4				
ARSA	comp=Z,156nm,1.5s,SNR=6.9	iPKPKiP	PKPbc	12 47 27.1	+0.1
ARSA	Arzberg 147.54 347	ePn	PKPbc	12 46 27.5	-0.4
ARSA	Arzberg 147.54 347	PKPdf	PKPbc	12 46 26.0	+1.0
RJOB	Jochberg 147.57 351	ePKPbc	PKPbc	12 46 26.8	-1.2
RJOB	baz=9.4,slow=3.1				
RJOB	baz=6.7,slow=3.2	epPKPbc	PKPbc	12 47 25.2	-0.6
SHBL	Chebass 147.60 308	eP	PKPbc	12 46 28.1	-0.6
ECH	Echery 147.62 358	PKP2	PKPbc	12 46 28.4	+0.3
ECH	Echery 147.62 358	eP	PKPbc	12 46 28.4	+0.3
HERR	Herculeane 147.67 337	↑P	PKPbc	12 46 28.0	-0.3
CLF	Chambon-Forêt 147.72	eP	PKPbc	12 46 28.8	+0.5
UBR	Ueberuh 147.96 354	ePKPbc	PKPbc	12 46 28.7	-0.3
UBR	baz=9.4,slow=3.1				
UBR	baz=6.7,slow=3.2	epPKPbc	PKPbc	12 47 27.1	+0.4
BEHE	Becsehely 147.99 345	eP	PKPKiP	12 46 30.4	-0.3
MDVR	Moldovita 148.02 338	↑P	PKPbc	12 46 29.5	+0.2
PLVB	Pleven 148.03 333	↑P	PKPbc	12 46 29.5	+0.2
Reutte	148.03 353	iPKPbc	PKPbc	12 46 29.1	-0.3
Reutte	comp=Z,18nm,0.6s,SNR=8.5				
RETA	comp=Z,253nm,1.3s,SNR=15	iPKPKab	PKPbc	12 47 26.8	-0.4
KBA	Koelnbreinsper 148.12 350	iPKPbc	PKPbc	12 46 28.5	-1.2
KBA	comp=Z,9.7nm,0.6s				
KBA	comp=Z,123nm,1.2s,SNR=5.2	iPKPKab	PKPbc	12 47 27.1	-0.3
WATA	Walderalm 148.13 352	iPKIKP	PKPbc	12 46 29.3	-0.3
WATA	comp=Z,8.0nm,0.5s,SNR=7.6				
WATA	comp=Z,248nm,1.3s,SNR=18	iPKPKab	PKPbc	12 47 27.3	-0.1
MOTA	Moosalm 148.18 353	iPKPbc	PKPbc	12 46 28.8	-1.0
MOTA	comp=Z,23nm,0.7s,SNR=22				
MOTA	comp=Z,230nm,1.3s,SNR=14	iPKPKab	PKPbc	12 47 27.9	+0.4
SOKA	Soboth 148.19 348	iPKPbc	PKPbc	12 46 29.1	-0.6
SOKA	comp=Z,16nm,1.2s,SNR=9.5				
SOKA	comp=Z,177nm,1.5s,SNR=8.7	iPKPKab	PKPbc	12 47 27.3	-0.3
WTTA	Wattenberg 148.19 352	iPKPbc	PKPbc	12 46 29.3	-0.3
WTTA	comp=Z,28nm,0.6s,SNR=25				
WTTA	comp=Z,374nm,1.7s,SNR=12	iPKPKab	PKPbc	12 47 27.3	-0.3
EDRB	Edirne 148.24 329	eP	PKPdf	12 46 27.8	+1.5
SQTA	Sankt Quirin 148.29 353	iPKPbc	PKPbc	12 46 29.6	-0.4
SQTA	comp=Z,13nm,0.7s,SNR=5.6				
SQTA	comp=Z,207nm,1.5s,SNR=12	iPKPKab	PKPbc	12 47 28.0	+0.2
FRGS	Fruska Gora 148.33 341	ePn	PKPbc	12 46 29.5	-0.6
FRGS	Fruska Gora 148.33 341	eP	PKPdf	12 46 27.4	-1.6
DAVA	Daevuls 148.37 354	iPKIKP	PKPbc	12 46 30.0	-0.3
DAVA	comp=Z,25nm,0.7s,SNR=22				
DAVA	comp=Z,419nm,2.0s,SNR=17	iPKPKab	PKPbc	12 47 29.3	-1.1
KALN	Kalinik 148.38 345	iP	PKPbc	12 46 29.4	-0.8
OBKA	Obir 148.45 348	iPKPbc	PKPbc	12 46 28.2	+1.6
OBKA	comp=Z,7.9nm,1.4s				
OBKA	comp=Z,85nm,1.5s	iPKPKiP	PKPbc	12 47 28.3	+0.1
OBKA	Obir 148.45 348	ePn	PKPbc	12 46 29.1	-1.3
OBKA	Obir 148.45 348	eP	PKPdf	12 46 24.9	-1.7
MYKA	Terra Mystica 148.50 349	iPKPbc	PKPbc	12 46 29.0	-1.5
MYKA	comp=Z,11nm,0.7s,SNR=6.2				
MYKA	comp=Z,116nm,1.1s,SNR=5.7	iPKPKiP	PKPbc	12 47 28.2	-0.2
FETA	Feichten 148.54 353	iPKPbc	PKPbc	12 46 30.1	-0.6
FETA	comp=Z,15nm,0.9s,SNR=9.6				
FETA	comp=Z,75nm,1.1s,SNR=14	iPKPKbc	PKPbc	12 47 26.3	+1.2
ABTA	Abfaltersbach 148.57 351	iPKPbc	PKPbc	12 46 29.6	-1.1
ABTA	comp=Z,28nm,0.8s,SNR=17				
ABTA	comp=Z,162nm,1.1s,SNR=11	iPKPKbc	PKPbc	12 47 28.8	-0.7
PRED	Cave del Predi 148.69 349	PKPdf	PKPbc	12 46 26.6	-0.4
MOSL	Moslavina 148.78 345	eP	PKPbc	12 46 30.9	-0.3
LEFK	Lefka 148.81 319	↑P	PKPbc	12 46 30.8	-1.0
ISP	Isparta 148.88 320	PKP2	PKPbc	12 46 30.8	-1.0
ISP	Isparta 148.88 320	eP	PKPbc	12 46 30.8	-1.0
LJU	Ljubljana 148.90 348	ePKPdf	PKPbc	12 46 26.2	-1.0
LJU	Ljubljana 148.90 348	iPKPbc	PKPbc	12 46 30.8	-0.6
LJU	Ljubljana 148.90 348	ePKPbc	PKPbc	12 46 29.9	-0.0
LJU	Ljubljana 148.90 348	eP	PKPbc	12 46 26.5	-0.7
CRES	Cresnjev 148.91 347	eP	PKPbc	12 46 30.6	-0.9
CRES	Cresnjev 148.91 347	eP	PKPbc	12 46 26.0	-1.2
TEKS	Tekeriš 148.97 340	eP	PKPbc	12 46 30.7	-1.0
FUORN	Ofenpass-Fuorn 148.99 354	PKPbc	PKPbc	12 46 32.5	+0.6
KDZ	Kurdzhali 149.02 349	eP	PKPbc	12 46 31.6	-0.9
CEY	Cernicka 149.21 348	ePKPdf	PKPbc	12 46 27.0	-0.8
CEY	Cernicka 149.21 348	eP	PKPbc	12 46 31.7	-0.5
CEY	Cernicka 149.21 348	eP	PKPbc	12 46 26.9	-0.8
DIYS	Divibare 149.22 339	ePn	PKPbc	12 46 32.0	-0.4
DIYS	Divibare 149.22 339	eP	PKPbc	12 46 27.7	-0.7
DIYS	Divibare 149.22 339	eP	PKPbc	12 46 27.2	-0.2
VTS	Vitosh 149.24 334	iP	PKPbc	12 46 32.7	+0.1
VTS	Vitosh 149.24 334	eP	PKPbc	12 46 28.0	-0.1
VTS	Vitosh 149.24 334	↑PKP2	PKPbc	12 46 32.7	+0.1
BOUS	Bojanci 149.26 347	iPKPdf	PKPbc	12 46 27.2	-0.6
BOUS	Kjevo 150.38 344	iPKPbc	PKPbc	12 46 31.8	-0.9
BOUS	Kjevo 150.38 344	ePKPbc	PKPbc	12 47 31.9	+1.7
BOUS	eSS			13 08 52.2	-5.7
BOUS	eSS			13 10 32.9	
ALN	Alexandropoli 149.30 329	eP	PKPbc	12 46 24.7	-3.3
RDO	Redoprod 149.36 330	eP	PKPbc	12 46 25.4	-1.7
ENEZ	Enez 149.36 328	eP	PKPbc	12 46 26.0	-1.2
BLV	Banja Luka 149.48 344	ePn	PKPbc	12 46 32.6	-0.3
BLV	Banja Luka 149.48 344	eP	PKPbc	12 46 27.6	-0.6
BBLs	Lazi#263; 149.62 340	ePn	PKPbc	12 46 33.2	-0.2
BBLs	Lazi#263; 149.62 340	eP	PKPbc	12 46 27.4	-3.8
MGRS	Mirkonjić Grad 149.82 343	ePn	PKPKiP	12 46 37.0	+2.1
KDZ	Kurdzhali 149.83 343	eP	PKPbc	12 46 31.9	-0.9
RUDO	Rudo 149.85 340	eP	PKPbc	12 46 33.2	-0.6
RUDO	Rudo 149.85 340	eP	PKPbc	12 46 32.6	-1.2
SMTH	Samothraki Isl 149.88 329	eP	PKPbc	12 46 29.3	+0.3
NVR	Nevoški 149.99 332	eP	PKPbc	12 46 33.5	-0.8
UDBI	Udina 150.05 345	iP	PKPbc	12 46 31.6	-0.3
THAS	Thassos Island 150.23 330	eP	PKPbc	12 46 27.7	-1.7
NVLJ	Novljia 150.23 347	iP	PKPbc	12 46 34.1	-0.5
SRV	Serrai 150.30 332	eP	PKPbc	12 46 33.6	-1.4
UPM	Unac-Piva 150.37 340	ePn	PKPbc	12 46 34.0	-1.3
UPM	Unac-Piva 150.37 340	eP	PKPbc	12 46 33.8	-1.5
KLVJ	Kljevo 150.38 344	iP	PKPbc	12 46 31.9	-0.9
PRK	Paraskievi 150.40 326	iP	PKPKiP	12 46 35.8	-0.1
STIP	Stip 150.44 334	iP	PKPbc	12 46 34.5	-0.8
LJA	Limnos Island 150.48 328	iP	PKPbc	12 46 34.7	-0.7
SKO	Skojpe 150.52 335	iP	PKPbc	12 46 35.6	+0.2
SNB	Saint Sauveur 150.57	iPKIKP	PKPbc	12 46 36.3	+0.1
SSB	Saint Sauveur 150.57	iP	PKPKiP	12 46 37.1	+0.1
KNT	Kendrikon 150.58 333	eP	PKPbc	12 46 34.7	-1.0
VAY	Vilandovo 150.59 333	iP	PKPbc	12 46 35.1	-0.6
RICI	Ricic 150.65 343	eP	PKPbc	12 46 34.8	-0.9
MORI	Moric 150.69 345	iP	PKPbc	12 46 34.6	-1.2
DUGI	Dugi Otok 150.73 346	iP	PKPbc	12 46 35.0	-1.3
OJR	Orijunopolis 150.74 330	eP	PKPbc	12 46 35.5	-1.9
BRY	Bratogost 150.76 340	ePn	PKPbc	12 46 34.6	-1.6
BRY	Bratogost 150.76 340	eP	PKPbc	12 46 34.6	-1.6
BNI	Bardonecchia 150.80 358	PKPKiP	PKPbc	12 46 29.9	-0.5
BNI	Bardonecchia 150.80 358	PKPbc	PKPbc	12 46 29.9	-0.5
USA					
MAKA	Makarska 150.88 343	iP	PKPbc	12 46 35.2	-1.1
ZIRJ	Zirje 150.91 345	iP	PKPbc	12 46 34.8	-1.5
PDG	Podgorica 150.94 339	ePn	PKPbc	12 46 35.8	-0.6
PDG	Podgorica 150.94 339	eP	PKPbc	12 46 35.8	-0.6
HRT	Horiatitsi 150.94 332	eP	PKPbc	12 46 29.5	-0.9
PLG	Polygyros 150.96 331	eP	PKPbc	12 46 35.1	-1.5
TREB	Trebinje 150.99 340	ePn	PKPbc	12 46 35.7	-0.8
TREB	Trebinje 150.99 340	eP	PKPbc	12 46 35.2	-1.3
STON	Ston 151.05 341	iP	PKPbc	12 46 35.0	-1.6

DBRK	Dubrovnik 151.10 341	iP	PKPbc	12 46 35.2	-1.6
CHOS	Chios Island 151.13 325	P	PKPbc	12 46 36.7	-0.4
PHP	Peshkopia 151.15 336	P	PKPbc	12 46 35.9	-1.1
DRME	Dracevica, Mon 151.18 339	ePn	PKPbc	12 46 36.8	-0.2
DRME	Dracevica, Mon 151.18 339	eP	PKPbc	12 46 30.1	-0.8
HERO	Herczeg Novi 151.20 330	eP	PKPbc	12 46 37.9	+0.0
PAIG	Pailouiri 151.20 330	eP	PKPbc	12 46 37.9	+0.0
PGAV	Gavrievira, Arco 151.21 322	ePKPbc	PKPbc	12 46 35.7	-0.0
PGAV	Gavrievira, Arco 151.21 322	ePKPbc	PKPbc	12 47 32.5	-2.8
ARGV	Arkhangelos 151.38 320	P	PKPbc	12 46 37.6	-0.1
DAT	Datoka 151.39 321	iP	PKPbc	12 46 36.6	-1.2
HERO	Herczeg Novi 151.39 321	iP	PKPbc	12 46 39.0	+0.1
LIT	Litokhoron 151.62 332	P	PKPbc	12 46 37.0	-1.1
PCAB	Cabril 151.62 22	ePKPbc	PKPbc	12 46 33.3	+1.7
PCAB	Cabril 151.62 22	ePKPbc	PKPbc	12 46 37.9	-0.2
PCAB	Cabril 151.62 22	ePKPbc	PKPbc	12 47 35.5	-0.5
XOR	Xorichti 151.87 330	ePKPbc	PKPbc	12 46 38.8	-0.1
PBRG	Braganca 151.97 20	ePKPbc	PKPbc	12 46 48.8	-0.2
PBRG	Braganca 151.97 20	ePKPbc	PKPbc	12 47 34.3	-2.5
PBRG	Braganca 151.97 20	ePKPbc	PKPbc	12 46 39.5	-0.0
PVRL	Vila Real 152.11 22	ePKPbc	PKPbc	12 46 51.0	+1.4
PVRL	Vila Real 152.11 22	ePKPbc	PKPbc	12 47 36.1	-1.0
KPRO	Kipourio 152.23 333	P	PKPKiP	12 46 39.8	-0.0
THL	Kloutokos Trika 152.26 332	P	PKPbc	12 46 30.5	-2.1
MVO	Moncorvo 152.45 21	ePKPbc	PKPbc	12 46 33.7	+0.8
MVO	Moncorvo 152.45 21	ePKPbc	PKPbc	12 46 40.3	+0.1
MVO	Moncorvo 152.45 21	ePKPbc	PKPbc	12 46 35.7	-2.2
MVO	Moncorvo 152.45 21	ePKPbc	PKPbc	12 46 40.0	+0.4
PVIS	Viseu 152.54 23	ePKPbc	PKPbc	12 46 39.8	-0.4
PVIS	Viseu 152.54 23	ePKPbc	PKPbc	12 46 52.3	+0.9
PVIS	Viseu 152.54 23	ePKPbc	PKPbc	12 47 36.5	-1.6
PTI	Penteli 152.55 327	P	PKPbc	12 46 38.9	-1.4
XOR	Xorichti 152.55 327	P	PKPbc	12 46 39.9	-0.1
AQU	L'Aquila 152.66 347	eP	PKPbc	12 46 31.5	-1.7
ANAF	Anafi Island 152.72 322	P	PKPbc	12 46 39.5	-1.2
IOSP	Ios Island 152.74 324	P	PKPbc	12 46 39.3	-1.4
COI	Coimbra 152.78 24	ePKPbc	PKPbc	12 46 53.3	+0.9
COI	Coimbra 152.78 24	ePKPbc	PKPbc	12 47 34.3	+2.6
COI					

19d 13h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like San Jacinto, C, Capurgana, Macarena, Meta, etc.

DJA 19 12:39:51.7,0.7,3.4 S 4 x 12' 8E, h15km,8km, M4, 1/12, mb4.4/5, ML3.9/1.2

ISC 19 12:39:58.6,5.1,2.91S, 128.50E, h75km,44km, mb3.7/2, mb1.4/0.5, mb1mx3.4/48, mbtmp4.1/5, ML3.9/3, MS4.2/2, Ms1.4/2.2, ms1mx3.6/46, Error ellipse: s-maj=73.5km s-min=29.5km az=99.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ambon, Namlea, Masohi, Sanana, Labuha, Ternate, Sorong, etc.

ROM 19 12:43:55.0,0.1,43.511N:0.002,-12.668E:0.004, h15km, ML0.9/5, Error ellipse: s-maj=0.3km s-min=0.1km az=85.0, Central Phase

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

ATH 19 12:45:25.3,38.85N:20.66E, h9km,1km, ML1.7/2, Error ellipse: s-maj=2.5km s-min=1.6km az=271.0, Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TSJK, LK02, MGNA, etc.

KRSC 19 12:55:11.7, 1.8, 48.25N:156.37E, h8km,38km, ML3.9, IDC 19 12:55:12.6, 8.1, 47.91N:155.77E, h8km,34km, mb2.9/3, mb1.3/1.5, mb1mx2/9.69, mbtmp3.5/5, Error ellipse:

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s-maj=168.7km s-min=30.3km az=128.0, ISC 19 12:55:10.6, 1.8, 47.93N:0.1,155.6E:0.2, h35km, m26, s1989/23, mb3.2/3, Az, Error of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Severo-Kuril's, Alid, Alud, etc.

UPA 19 12:56:51.7, 1.2, 8.42N:82.95W, h10km,5km, MDV4.2, UCR 19 12:56:51.7, 1.9, 8.41N:82.97W, h5km,5km, MD3.5, ISC 19 12:56:51.2, 1.3, 8.38N:0.05, 82.97W:0.03, h6km,10km, n24, c1900/39, 2D, Panama-CRICO border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Puerto Jimnez, EDSV, BAGA3, etc.

IDC 19 13:04:16.1, 0.8, 20.39S:168.90E, h0km, mb4.3/15, mb1.4/4/16, mb1mx4.2/46, mbtmp4.3/16, ML4.0/1, Error ellipse: s-maj=25.6km s-min=16.8km az=117.0, BUJ 19 13:04:20.0, 0.0, 20.60S:168.70E, h35km, mb5.3/12, mb4.8/24, Ms5.2/3, Ms7.4/9/3

NEIC 19 13:04:21.2, 1.8, 20.58S:0.09, 168.69E:0.09, h35km,1km, mb4.7/15, Error ellipse: s-maj=17.0km s-min=11.9km az=135.0, BGR 19 13:04:21.0, 0.0, 19.80S:170.88E, h33km, ISC 19 13:04:22.0, 0.7, 20.54S:0.07, 168.77E:0.08, h42km,5km, h42km:pp-P, n98, c1907/103, mb4.5/28, 2C, Loyalty islands

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

950

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USRK, PETK, KLR, MAW, etc.

IDC 19 13:09:32.5i.1.1,33.64N:138.48E,h0km,mb3.5/3, mb1 3.7/4,mb1mx3.4/60,mbtmt3.5/4,ML3.0/1,Error ellipse: s-maj=36.4km s-min=16.8km az=38.0

JMA 19 13:09:35.6i.0.2,34.36N:140.32E,h57km,mb3.0km,M3.1 ISC 19 13:09:35.4i.0.1,34.34N:140.33E,0.06,h62km,10km, n25,+090/29,mb3.5/4,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include BSO3, BSO1, BSO4, BSQ4, JMKN, etc.

BGR 19 13:13:31.3i.0.0,21.62S:169.38E,h10km NEIC 19 13:13:32.2i.0.0,20.66S:169.12E,0.09,h10km,1km, mb4.8/23,Error ellipse: s-maj=14.6km s-min=7.1km az=65.0

IDC 19 13:13:32.6i.0.9,20.43S:168.93E,h0km,mb4.5/14, mb1 4.5/15,mb1mx4.3/37,mbtmt4.5/15,ML4.0/1,MS4.1/3, Ms1 4.1/3,ms1mx3.5/28,Error ellipse: s-maj=31.6km s-min=17.3km az=124.0

BUI 19 13:13:37.0i.0.0,20.60S:169.00E,h46km,mb5.1/12, mb4.7/25,Ms4.8/2,Ms7.4/5/3 ISC 19 13:13:34.9i.0.7,20.86S:169.06E,0.09,h24km,4km, h24km:pp-P,n13,+r128/116,mb4.7/29,MS4.2/4,1C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include LZH, LZH, LZH, SNA, etc.

Table with columns: ATVO, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include MURB, MURB, MURB, etc.

BUI 19 14:13:59.6i.0.0,11.66N:57.64E,h10km,mb5.9/75, mb5.8/81,Ms6.1/95,Ms7.6/187 MOS 19 14:14:00.2i.1.3,11.75N:57.67E,h10km,mb5.8/82, MS5.7/72,Error ellipse: s-maj=6.0km s-min=3.4km az=92.0

IDC 19 14:14:00.2i.0.3,11.83N:57.82E,h0km,mb5.1/48, mb1 5.2/50,mb1mx5.1/53,mbtmt5.1/50,ML5.0/2,MS5.6/47, Ms1 5.6/47,ms1mx5.6/47,Error ellipse: s-maj=10.3km s-min=8.2km az=40.0

NEIC 19 14:14:01.9i.2.5,11.75N:0.08:57.64E,0.07,h10km,1km, mb5.6/96,Ms_20 5.7/83,Mw6.0/55,Mwv6.0, Mw6.1(GCMT),Error ellipse: s-maj=13.4km s-min=11.5km az=149.0

GCMT 19 14:14:01.9i.0.1,11.80N:57.67E,h12km,MW6.0/169, Moment Tensor Solution. s155,c349; s169,c599; Duration: 2s Moment tensor: Scale 10^19Nm; Mn=0.03e-01; Mw=1.06e-01; Mw0=0.95e-01; Mw=0.05e-02; Mw=0.7e-01; Mw=0.3e-02; Best double couple; M1: 33500/1018 NP1: 18100000/876.00000; lambda: 175.00000; NP2: 209.00000/886.00000; lambda: 14.00000

Principal axes: T 1.3790, Plg13.00000, Azm74.00000; N -0.0870, Plg75.00000, Azm225.00000; P -1.2910, Plg7.00000, Azm342.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 19 14:14:02.2i.1.1,11.73N:57.72E,h8km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn=0.07; Mw=0.98; Mw=0.06; Mw=0.58; Mw=0.23; Fault plane solution: M1: 14000/1018 NP1: 311891000/888.01000; lambda: 870.00000; NP2: 209.31000/888.01000; lambda: 11.88000; Principal axes: T 1.7564, Plg9.00000; Azm75.00000; N -0.0869, Plg78.00000; Azm219.00000; P -1.0896, Plg7.00000; Azm344.00000

OMAN 19 14:14:02.3i.0.1,11.71N:57.96E,h10km,mb6.7/34, ms5.7/19,Mw6.3/28 Error ellipse: s-maj=5.0km s-min=3.5km az=266.0

DSN 19 14:14:02.1i.0.0,11.71N:57.67E,h10km,mb6.1/6,ML6.2/1, Ms5.9/12,Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

TIR 19 14:14:03.0i.1.1,11.60N:57.73E,h33km,Mds.8/4 NEIC 19 14:14:03.1i.1.83N:57.64E,h2km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn=0.01; Mw=1.14; Mw=1.15; Mw=0.30; Mw=0.73; Mw=0.20; Fault plane solution: M1: 41000/1018 NP1: 209.00000/875.00000; lambda: 165.00000; NP2: 10.119/119; lambda: 165.00000; Principal axes: T 1.4199, Plg11.00000; Azm73.00000; N -0.0243, Plg75.00000; Azm295.00000; P -1.3956, Plg10.00000; Azm165.00000

KLM 19 14:14:05.0i.1.1,11.82N:57.68E,h15km,mb5.9, Hypocentre not reviewed by the ISC

NEIC 19 14:14:05.1i.51N:57.88E,h12km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn=0.07; Mw=0.92; Mw=0.85; Mw=0.01; Mw=0.81; Mw=0.04; Fault plane solution: M1: 20000/1018 NP1: 1812204.00000; lambda: 378.00000; NP2: 114.00000/889.00000; lambda: 189.00000; Principal axes: T 1.7103, Plg2.00000; Azm69.00000; N 0.0636, Plg88.00000; Azm250.00000; P -1.2339, Plg0.00000; Azm159.00000

BGR 19 14:14:09.5i.0.0,11.93N:55.98E,h10km,mb5.6,Ms5.6 ISC 19 14:14:02.7i.0.4,11.74N:0.03:57.83E,0.03,h11km,2km, h11km:pp-P,n1331,+r205/1197,ms5.6/276,MS5.7/572, 49C-41D, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include SOCY, DMTO, DMTO, etc.

ROM 19 13:12:38.3i.0.1,43.41N:0.003:12.578E,0.007, h6km,1km,ML0.5/3,Error ellipse: s-maj=0.5km s-min=0.2km az=276.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include ATFO, ATFO, PIEI, etc.

Table with columns: HOQ, Hoqain, SNR, P, Pn, 14 16 52.1 +1.2, KLRI, comp=Z,8um,4.3s, IVmB_BB, 14 18 40.2, ...

Table with columns: KLRI, comp=Z,8um,4.3s, IVmB_BB, 14 18 40.2, DILA, Dilla, 20.00 256, eS, Pn, 14 12 37.4 -0.1, ...

Table with columns: BWNR, Rhubaneshwar, 28.17 69, eP, P, 14 19 53.8 -1.6, ...

Table with columns for station call signs (e.g., KIS, ODBI, MNSI), frequencies, and various signal quality indicators (e.g., P, S, M, L, R).

Table with columns for station call signs (e.g., OBN, FRGS, CD2), frequencies, and various signal quality indicators (e.g., P, S, M, L, R).

Table with columns for station call signs (e.g., BEHE, KALN, AQU), frequencies, and various signal quality indicators (e.g., P, S, M, L, R).

Table with columns: MOA, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, etc. Includes stations like Moln, Enshi, Trest, Koelnbreinsper, Dobruska-Polom, etc.

Table with columns: FETA, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, etc. Includes stations like Feichten, Moxy, Setif, Kuching, etc.

Table with columns: IRK, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, etc. Includes stations like Irkutsk, UBBA, Taiyuan, etc.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like NJ2 Nanjing, HOMB Homborsund, and ZGR Zagora.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like TATO Taipei, NACB Ninganchiao, and KAPI Kappang.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like KAPI Kappang, PCVE, and KSRB.

M65A	Busby, Falmout	108.88	322	IAMS_20	IAMS_20	15	20	53.5
BESE	Bessie Mountai	109.17	7	IAMS_20	IAMS_20	15	28	26.9
K62A	Royalton	109.17	323	IAMS_20	IAMS_20	15	24	12.2
LONY	Lake Ozonia	109.28	326	IAMS_20	IAMS_20	15	18	57.0
JIS	Juneau Island	109.52	7	IAMS_20	IAMS_20	15	25	46.2
YLE	Yale	110.41	322	IAMS_20	IAMS_20	15	27	26.9
KSCT	Kent School, K	110.48	323	IAMS_20	IAMS_20	15	27	31.8
SIT	Sitka	110.59	8	IAMS_20	IAMS_20	15	28	59.7
DZM	Mont Dzumac	111.44	109	eLR	LR	15	05	57.4
ODNJ	Ogdensburg	111.54	323	IAMS_20	IAMS_20	15	25	26.9
SADO	Sadowa	111.59	328	IAMS_20	IAMS_20	15	27	02.2
FFC	Flin Flon	111.62	348	IAMS_20	IAMS_20	15	24	49.4
KSPA	Keystone Colle	111.91	324	IAMS_20	IAMS_20	15	26	05.7
N59A	State Game Lan	112.33	324	IAMS_20	IAMS_20	15	25	49.7
MMNY	Mt. Morris Dam	112.33	326	IAMS_20	IAMS_20	15	23	46.9
L56A	Greenwood	112.54	326	IAMS_20	IAMS_20	15	21	19.4
WVNY	West Valley, N	112.94	326	IAMS_20	IAMS_20	15	23	43.8
MVL	Millersville	113.25	323	IAMS_20	IAMS_20	15	26	19.2
Q60A	Greensboro	113.59	322	IAMS_20	IAMS_20	15	29	22.1
ANWB	Willy Bob	113.60	295	IAMS_20	IAMS_20	15	17	38.3
M55A	Ridgway	113.66	326	IAMS_20	IAMS_20	15	29	34.9
R61A	Willards	113.70	321	IAMS_20	IAMS_20	15	29	18.2
FDF	Fort de France	114.08	292	IAMS_20	IAMS_20	15	22	45.7
ULM	Lac du Bonnet	114.12	342	IAMS_20	IAMS_20	15	22	51.3
M54A	Oil Creek Stat	114.13	326	IAMS_20	IAMS_20	15	24	28.3
D41A	Chassel	114.21	335	IAMS_20	IAMS_20	15	27	52.5
TARA	Tarawa	114.24	83	IAMS_20	IAMS_20	15	12	49.2
ALLY	Allegny Colle	114.29	327	IAMS_20	IAMS_20	15	22	51.6
S61A	Accomac	114.32	321	IAMS_20	IAMS_20	15	20	24.4
P57A	Homestead Farm	114.56	324	IAMS_20	IAMS_20	15	30	44.8
SKI	Saint Kitts	114.57	295	IAMS_20	IAMS_20	15	22	53.9
SMRT	St. Maarten	114.60	296	IAMS_20	IAMS_20	15	19	37.6
N54A	Moraine State	114.68	326	IAMS_20	IAMS_20	15	24	35.9
M53A	W. Miller and	114.72	327	IAMS_20	IAMS_20	15	23	03.0
SEUS	St. Eustatius	114.72	296	IAMS_20	IAMS_20	15	18	33.0
SABA	Saba	114.91	296	IAMS_20	IAMS_20	15	21	50.9
CBN	Corbin Frederi	115.02	322	IAMS_20	IAMS_20	15	23	47.0
COWI	Conover	115.22	335	IAMS_20	IAMS_20	15	23	49.2
O54A	Avelle	115.43	326	IAMS_20	IAMS_20	15	25	11.8
R58B	Mineral	115.48	322	IAMS_20	IAMS_20	15	22	20.8
Q56A	Snyder Ridge	115.53	324	IAMS_20	IAMS_20	15	26	00.6
U61A	Possam Corner	115.64	320	IAMS_20	IAMS_20	15	25	54.6
E38A	The Farm, Brul	115.76	337	IAMS_20	IAMS_20	15	23	39.6
V62A	Hyde County Ai	115.81	319	IAMS_20	IAMS_20	15	28	53.1
T59A	Double "B" Far	115.92	321	IAMS_20	IAMS_20	15	28	59.2
H43A	Windswept, Lux	115.94	333	IAMS_20	IAMS_20	15	25	51.2
M50A	Fremont	115.99	328	IAMS_20	IAMS_20	15	27	06.7
N51A	Ashland	115.99	327	IAMS_20	IAMS_20	15	28	54.7
V61A	Roper	116.06	320	IAMS_20	IAMS_20	15	25	24.7
BBB	Bella Bella	116.13	4	IAMS_20	IAMS_20	15	30	07.7
S57A	Dark Hollow, R	116.25	323	IAMS_20	IAMS_20	15	23	06.6
O52A	Adamsville	116.28	326	IAMS_20	IAMS_20	15	23	49.2
L48A	N Adams	116.30	329	IAMS_20	IAMS_20	15	25	50.9
G40A	Rib Lake	116.33	335	IAMS_20	IAMS_20	15	23	46.6
U59A	Littleton	116.47	321	IAMS_20	IAMS_20	15	31	28.4
P53A	Whipple	116.47	326	IAMS_20	IAMS_20	15	31	27.4
Q54A	Coxs Mill	116.51	325	IAMS_20	IAMS_20	15	26	01.5
V60A	Jim Taylor Roa	116.51	320	IAMS_20	IAMS_20	15	25	59.6
R55A	Marlinton	116.58	324	IAMS_20	IAMS_20	15	28	48.0
ACSO	Alum Creek Sta	116.81	327	IAMS_20	IAMS_20	15	27	36.3
N49A	Columbus Grove	116.93	328	IAMS_20	IAMS_20	15	33	09.5
T57A	Hurt	116.94	322	IAMS_20	IAMS_20	15	25	37.7
L46A	Eue Claire	117.16	331	IAMS_20	IAMS_20	15	33	47.7
SJG	San Juan	117.26	297	IAMS_20	IAMS_20	15	22	01.2
MDND	Maddock	117.37	343	IAMS_20	IAMS_20	15	32	36.3
P51A	Williamsport Farm	117.39	327	IAMS_20	IAMS_20	15	26	23.6
SPMM	Marine on St.	117.39	337	IAMS_20	IAMS_20	15	26	09.8
BLA	Blacksburg	117.49	323	IAMS_20	IAMS_20	15	27	20.5
O49A	Covington	117.55	328	IAMS_20	IAMS_20	15	28	29.9
CPUP	Villa Florida	117.57	246	PKP	PKPdf	14	32	48.6 -0.9
K43A	Burlington	117.58	332	IAMS_20	IAMS_20	15	34	04.7
R53A	Hurricane	117.59	325	IAMS_20	IAMS_20	15	26	28.1
V58A	Windy Hill, Pi	117.65	321	IAMS_20	IAMS_20	15	25	41.5
N47A	Urbana	117.73	329	IAMS_20	IAMS_20	15	25	52.6
Q51A	Peebles	117.87	326	IAMS_20	IAMS_20	15	27	01.4
DGMT	Dagmar	117.97	347	IAMS_20	IAMS_20	15	27	48.4
P49A	Miami Union	118.23	328	IAMS_20	IAMS_20	15	22	40.9
V60A	Bolivia	118.23	319	IAMS_20	IAMS_20	15	28	50.2
JFWS	Jewell Farm	118.26	334	IAMS_20	IAMS_20	15	26	00.7
X58A	Rowland	118.59	320	IAMS_20	IAMS_20	15	26	00.6
W57A	Gilead	118.61	321	IAMS_20	IAMS_20	15	27	08.0
I37A	Lemond, Waseca	118.64	337	IAMS_20	IAMS_20	15	26	57.8
Y59A	Loris	118.67	320	IAMS_20	IAMS_20	15	31	12.6
L42A	Oliver, Pole	118.74	333	IAMS_20	IAMS_20	15	31	17.3

U54A	Nelsons Funny	118.78	323	IAMS_20	IAMS_20	15	27	19.4
SFIN	Lafayette	118.80	330	IAMS_20	IAMS_20	15	33	20.0
E28A	Huff	118.83	343	IAMS_20	IAMS_20	15	26	56.1
V55A	Taylorville	118.88	323	IAMS_20	IAMS_20	15	29	24.1
R50A	Paris	118.94	327	IAMS_20	IAMS_20	15	29	11.7
SS1A	Beattyville	119.00	326	IAMS_20	IAMS_20	15	31	45.3
WALA	Waterton Lakes	119.03	354	IAMS_20	IAMS_20	15	28	18.6
Y58A	Scranton	119.22	320	IAMS_20	IAMS_20	15	27	29.3
L40A	Anamosa	119.37	334	IAMS_20	IAMS_20	15	26	36.1
R49A	Shelbyville	119.38	327	IAMS_20	IAMS_20	15	28	03.5
KM5C	Kings Mountain	119.43	322	IAMS_20	IAMS_20	15	29	44.7
BLO	Bloomington	119.43	329	IAMS_20	IAMS_20	15	35	32.7
P46A	Rosedale	119.44	329	IAMS_20	IAMS_20	15	28	23.9
K38A	Parkersburg	119.54	335	IAMS_20	IAMS_20	15	26	32.5
Y57A	Sumter	119.60	320	IAMS_20	IAMS_20	15	26	38.4
O44A	Mansfield	119.64	331	IAMS_20	IAMS_20	15	35	35.2
HDIL	Hopedale	119.72	332	IAMS_20	IAMS_20	15	27	52.2
TZTN	Tazewell	119.75	325	IAMS_20	IAMS_20	15	32	15.3
PAULI	Pawnee	119.94	322	IAMS_20	IAMS_20	15	29	21.2
B06A	Marblemount	120.00	359	IAMS_20	IAMS_20	15	31	52.8
NH5C	New Hope	120.06	320	IAMS_20	IAMS_20	15	30	15.6
B08A	Colville Reser	120.11	358	IAMS_20	IAMS_20	15	32	55.6
T50A	Nancy	120.13	326	IAMS_20	IAMS_20	15	25	34.3
SUSD	Miller	120.24	341	IAMS_20	IAMS_20	15	27	39.2
V52A	Sevierville	120.28	324	IAMS_20	IAMS_20	15	25	30.1
N41A	Harden Midland	120.31	333	IAMS_20	IAMS_20	15	31	51.9
SCIA	State Center	120.34	355	IAMS_20	IAMS_20	15	26	42.7
JTMT	Jette	120.36	354	IAMS_20	IAMS_20	15	30	20.9
TKL	Tuckaleehee C	120.51	324	IAMS_20	IAMS_20	15	25	36.3
P43A	Skagway	120.55	331	IAMS_20	IAMS_20	15	28	28.2
OLIL	Olney	120.56	329	IAMS_20	IAMS_20	15	29	38.2
V51A	Loudon	120.74	325	IAMS_20	IAMS_20	15	33	57.3
Q44A	Meyer Farm, Va	120.88	330	IAMS_20	IAMS_20	15	36	23.1
W52A	Murphy	121.00	324	IAMS_20	IAMS_20	15	29	01.2
U49A	Red Boiling Sp	121.02	326	IAMS_20	IAMS_20	15	29	07.7
CPCT	Cooper Cave	121.09	324	IAMS_20	IAMS_20	15	25	55.5
NLWA	Neilton Lookou	121.12	1	IAMS_20	IAMS_20	15	30	36.4
M50A	Missoula	121.23	353	IAMS_20	IAMS_20	15	30	44.9
LTY	Liberty	121.25	359	IAMS_20	IAMS_20	15	32	19.9
SDDR	Presa de Saban	121.28	301	IAMS_20	IAMS_20	15	27	28.6
D05A	Enunclat	121.34	360	IAMS_20	IAMS_20	15	33	16.1
257A	Skidaway Islan	121.35	319	IAMS_20	IAMS_20	15	33	31.5
T47A	Sharon Grove	121.38	327	IAMS_20	IAMS_20	15	34	00.2
D08A	Wollman Farm,	121.40	357	IAMS_20	IAMS_20	15	30	05.5
CLTN	Cedars of Leba	121.63	326	IAMS_20	IAMS_20	15	29	34.9
SLM	Saint Louis	121.68	331	IAMS_20	IAMS_20	15	29	13.2
LON	Longmire	121.78	360	IAMS_20	IAMS_20	15	34	05.7
P40A	Paris	121.80	333	IAMS_20	IAMS_20	15	28	22.3
GOGA	Godfrey	121.90	322	IAMS_20	IAMS_20	15	31	29.1
E09A	Woods Farm, Sta	121.93	357	IAMS_20	IAMS_20	15	30	46.8
E07A	Sunny Side,	121.93	358	IAMS_20	IAMS_20	15	34	25.7
Y52A	Lilburn	121.94	323	IAMS_20	IAMS_20	15	31	55.2
S44A	Carbondale	121.94	329	IAMS_20	IAMS_20	15	26	54.1
E03A	Leban	121.97	1	IAMS_20	IAMS_20	15	34	18.2
E08A	Edgar Farm, EI	121.97	357	IAMS_20	IAMS_20	15	33	33.6
SWET	Sewanee	122.05	325	IAMS_20	IAMS_20	15	29	54.1
HATO	Hato, C	122.07	292	IAMS_20	IAMS_20	15	30	32.9
HAWA	Hanford	122.09	358	IAMS_20	IAMS_20	15	32	29.8
BOZ	Bozeman (W)	122.14	351	IAMS_20	IAMS_20	15	29	48.0
T45A	Paducah	122.15	329	IAMS_20	IAMS_20	15	29	59.9
V48A	Smith Brothers	122.16	326	IAMS_20	IAMS_20	15	30	33.9
154A	Montrose	122.23	321	IAMS_20	IAMS_20	15	30	34.8
FVM	French Village	122.29	331	IAMS_20	IAMS_20	15	33	32.3
255A	Hazelhurst	122.30	320	IAMS_20	IAMS_20	15	29	51.8
FPAL	Fort Payne	122.36	324	IAMS_20	IAMS_20	15	33	54.3
BAUV	El Baul	122.39	289	IAMS_20	IAMS_20	15	22	59.4
WVT	Waverly	122.41	327	IAMS_20	IAMS_20	15	34	30.5
DLMT	Dillon	122.51	352	IAMS_20	IAMS_20	15	29	25.8

ORV	Oroville	128.97 359	IAMS_20	IAMS_20	15 34 24.9
VCNR	Virginia City	129.17 357	IAMS_20	IAMS_20	15 37 20.3
Z35A	Perchavan	129.27 333	IAMS_20	IAMS_20	15 36 15.2
NATX	Nacodoches	129.34 329	IAMS_20	IAMS_20	15 38 20.1
441A	DeRidder	129.40 327	IAMS_20	IAMS_20	15 36 04.5
RUBR	Rubicon Trail	129.44 358	IAMS_20	IAMS_20	15 34 56.3
Yerington	Yerington	129.46 357	IAMS_20	IAMS_20	15 34 48.0
HOPS	Hopland Field	129.52 311	IAMS_20	IAMS_20	15 35 27.8
AFDM	Forest Hills D	129.56 359	IAMS_20	IAMS_20	15 35 26.7
AC04	Llanos de Chal	129.63 243	IAMS_20	IAMS_20	15 30 59.7
237A	Washetta, Mont	129.71 331	IAMS_20	IAMS_20	15 38 37.8
GDXM	Geyers	129.71 311	IAMS_20	IAMS_20	15 35 52.8
RYN	Ryan	129.78 356	IAMS_20	IAMS_20	15 36 10.2
R11A	Troy Canyon, C	129.79 353	IAMS_20	IAMS_20	15 39 19.7
NV11	Minia Array Sit	129.95 356	IAMS_20	IAMS_20	15 36 31.7
WAKR	Walker	129.95 357	IAMS_20	IAMS_20	15 36 12.9
NVAR	Minia Array Bea	129.96 356	PKP	PKPdf	14 33 12.6 -0.7
CMB	Columbia Colle	130.46 358	IAMS_20	IAMS_20	15 36 14.4
U15A	North Rim	131.19 349	IAMS_20	IAMS_20	15 37 45.5
ANMO	Albuquerque	131.24 343	IAMS_20	IAMS_20	15 33 11.3
TPNV	Topopah Spring	131.25 354	IAMS_20	IAMS_20	15 35 27.1
HKT	Hockley	131.40 329	IAMS_20	IAMS_20	15 39 29.3
SAO	San Andreas Ge	131.75 359	IAMS_20	IAMS_20	15 39 53.6
WUAZ	Wupatki	131.90 348	IAMS_20	IAMS_20	15 35 34.2
MPMC	Manzanu Prospec	132.25 355	P	PKIKP	14 33 22.2 +3.4
PMPB	Monarch Peak	132.28 358	IAMS_20	IAMS_20	15 36 45.7
ISA	Isabella	132.72 356	IAMS_20	IAMS_20	15 36 22.2
PAGB	Antelope Grade	132.75 358	IAMS_20	IAMS_20	15 38 33.0
GSC	Goldstone, Bar	132.94 354	IAMS_20	IAMS_20	15 42 36.8
735A	Kenedy	133.28 330	IAMS_20	IAMS_20	15 39 08.2
OSI	Osito Audit: C	133.78 356	IAMS_20	IAMS_20	15 38 35.3
121A	Cookes Peak, D	133.88 343	IAMS_20	IAMS_20	15 43 00.3
MNTX	Cornudas Mount	133.91 340	P	PKIKP	14 33 22.6 +0.6
MWC	Mount Wilson	134.12 355	IAMS_20	IAMS_20	15 42 09.2
833A	Chaparral WMA	134.48 331	IAMS_20	IAMS_20	15 44 58.0
PFO	Phynon Flats O	134.57 353	IAMS_20	IAMS_20	15 40 50.2
XPFO	Pion Flat	134.57 353	IAMS_20	IAMS_20	15 40 51.2
GLA	Glamis	134.91 351	IAMS_20	IAMS_20	15 39 25.0
113A	Mohavay Valley	135.02 350	IAMS_20	IAMS_20	15 37 49.8
SNCC	San Nicolas Is	135.19 357	IAMS_20	IAMS_20	15 37 53.6
109C	Camp Elliot, M	135.36 354	IAMS_20	IAMS_20	15 43 00.8
TXAR	Lajitas Array	135.43 337	PKP	PKPdf	14 33 22.6 -1.1
TXAR	San Juan Array	135.55 333	PP	PP	14 36 01.9 +3.0
BAR	Barrett	135.52 353	IAMS_20	IAMS_20	15 43 02.0
214A	Organ Pipe Nat	135.64 349	IAMS_20	IAMS_20	15 37 59.1
HDC	Heredia	136.44 298	IAMS_20	IAMS_20	15 38 20.3
SAFZ	San Felipe	136.89 351	IAMS_20	IAMS_20	15 39 15.4
SPX	San Pedro Mart	136.98 352	IAMS_20	IAMS_20	15 39 52.7
JTS	Las Juntas de	137.02 299	IAMS_20	IAMS_20	15 40 28.7
PETF	Flores	137.21 311	IAMS_20	IAMS_20	15 37 43.5
HSIG	Horseshoe Bend	138.05 345	IAMS_20	IAMS_20	15 43 58.9
SHQ	Esquipulas	138.27 308	IAMS_20	IAMS_20	15 47 51.4
CCIG	Comitan	139.28 313	IAMS_20	IAMS_20	15 46 20.9
SRIG	Santa Rosa de	139.99 346	IAMS_20	IAMS_20	15 45 21.4
PAE	Paea	152.87 106	ePKPbc	PKIKP	14 34 03.0 +1.9
PPT2	Papeete2	152.88 106	ePKPbc	PKIKP	14 34 02.9 +1.6
PPT2	Papeete2	152.88 106	eSR	SS	14 57 14.2 -4.3
PPT2	Papeete2	152.88 106	eLR	LR	15 24 57.8
PPT	Papeete	152.88 106	ePKPbc	PKPbc	14 33 59.7 -1.3
TVO	Taravao	153.16 106	ePKPbc	PKIKP	14 34 03.8 +2.0
RKT	Rikitea	163.37 135	eSS	SS	14 59 10.0 +1.8
RKT	Rikitea	163.37 135	eLR	LR	15 29 48.8

1DC 19 14:50:33.6:1.2, 5:87S:128:81E, h287km, 18km, mb2.6/1, mb1.3/5.6, mb1mx3.1/31, mbtmp4.2/6, Error ellipse: s-maj=26.6km s-min=12.3km az=115.0

NEIC 19 14:50:34.8:1.2, 5:90S:0:07E, h287km, 13km, mb4.0/3, Error ellipse: s-maj=20.2km s-min=7.9km az=111.0

1DC 19 14:50:33.8:0.8, 5:90S:0:06E, h282km, 18km, mb2.6/1, mb1.3/5.6, mb1mx3.1/31, mbtmp4.2/6, Error ellipse: s-maj=26.6km s-min=12.3km az=115.0

NEIC 19 14:50:34.8:1.2, 5:90S:0:07E, h287km, 13km, mb4.0/3, Error ellipse: s-maj=20.2km s-min=7.9km az=111.0

1DC 19 14:50:33.8:0.8, 5:90S:0:06E, h282km, 18km, mb2.6/1, mb1.3/5.6, mb1mx3.1/31, mbtmp4.2/6, Error ellipse: s-maj=26.6km s-min=12.3km az=115.0

NEIC 19 14:50:34.8:1.2, 5:90S:0:07E, h287km, 13km, mb4.0/3, Error ellipse: s-maj=20.2km s-min=7.9km az=111.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
FAKI	Fak Fak	4.53 49	P	14 51 47.5	+3.1
SIJI	Sorong	5.56 26	P	14 51 58.5	+1.5
SIJI		1.1nm, 0.3s, baz=221, slow=19, SNR=4.9	S		
SOEI		4.8nm, 0.3s, baz=184, slow=23, SNR=12	Rg		
BATI	Baumata	5.92 229	P	14 52 04.7	+3.3
BATI		6.66 230	P	14 52 12.7	+2.2
BATI		25nm, 0.3s, baz=70, slow=3.5, SNR=3.4	S		
BATI		10nm, 0.3s, baz=202, slow=21, SNR=12	S		

MTN	Manton Dam	7.26 182	Pn	14 52 19.3	+1.3
KNZA	Kununurra	9.71 180	Pn	14 52 49.7	+1.0
FITZ	Fitzroy Crossi	12.51 194	P	14 53 22.7	-0.7
FITZ		0.6nm, 0.3s, baz=22, slow=9.8, SNR=2.9	S		
FITZ		0.4nm, 0.3s, baz=95, slow=16, SNR=2.8	S		
WBO	Warramunga Arr	14.81 159	P	14 53 22.9	-0.6
WRAB	Tennant Creek	14.95 159	P	14 53 49.2	-1.6
WRA	Warramunga Arr	14.95 159	P	14 53 44.6	-7.7
WRA		1.1nm, 0.3s, baz=333, slow=13, SNR=8.4	S		
WRA		0.4nm, 0.3s, baz=330, slow=27, SNR=2.6	S		
WRA	Warramunga Arr	14.95 159	P	14 53 50.0	-2.3
WB2	Warramunga Arr	14.95 159	P	14 53 52.0	-1.4
WRO	Warramunga Arr	15.04 159	P	14 53 52.0	-1.3
WRO		0.4nm, 0.3s, baz=121, slow=5.6, SNR=2.0	Iamb		
COEN	Coen	16.24 121	P	14 54 05.5	-1.0
COEN		comp=Z, 1.6nm, 1.1s	Iamb		
AS31	Alice Springs	18.32 165	P	14 54 28.0	-1.1
AS31		comp=Z, 2.0nm, 0.3s	Iamb		
ASAR	Alice Springs	18.32 165	P	14 54 28.0	-1.2
ASAR		comp=Z, 0.9nm, 0.3s, baz=345, slow=12, SNR=101	S		
ASAR		comp=Z, 0.2nm, 0.3s, baz=348, slow=21, SNR=14	S		
MKAR	Makanochi Array	66.67 327	P	15 00 53.6	-2.9
MKAR		comp=Z, 0.2nm, 0.5s, baz=121, slow=5.6, SNR=2.0	S		

NNC 19 15:25:48.3:10.0, 37:66N:71:79E, h0km, mb3.7, mpv3.3, 3C-2D, Error ellipse: s-maj=80.9km s-min=69.3km az=170.0, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
AAK	Ala-Archa	5.39 22	Op	15 27 10.8	+0.7
AAK		1.6nm, 0.3s	Sn		
AAK		2.4nm, 0.5s	Sn		
KK31	Karatay Array	5.53 30	Pn	15 27 11.8	0.0
KK31		0.8nm, 0.3s, baz=177, slow=13, SNR=13	Sn		
KK31		1.2nm, 0.3s, baz=174, slow=22, SNR=6.5	Sn		
TKM2	Tokmak 2	6.01 28	Op	15 27 18.4	-0.2
TKM2		0.4nm, 0.6s	Sn		
TKM2		0.7nm, 0.6s	Sn		

1DC 19 15:31:41.2:3.3, 34:76S:179:25W, h0km, mb3.7/2, mb1.3/9.3, mb1mx3.5/28, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=76.0km s-min=36.7km az=120.0

WEL 19 15:31:46.0:0.7, 35:58S:17:9W, h33km, ML4.2/18, mb4.5/1, ML4.4/18, ML4.2/18, Mw(mB)3.7/1

1DC 19 15:31:45.4:1.9, 34:92S:0:10:178:9W:0:2, h42km, n27, az=075/36, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
MXZ	Matakaoa Point	3.47 220	Op	15 32 37.7	+0.8
MXZ		0.8nm, 0.3s	Sn		
PKGZ	Pakihiroa	3.84 219	P	15 32 41.8	-0.1
PKGZ		comp=N, 2.3nm, 0.5s	Sn		
PUZ	Puketiti	3.89 215	P	15 32 42.6	-0.1
PUZ		comp=N, 2.3nm, 0.5s	Sn		
HAZ	The Kaha	3.90 222	S	15 32 47.0	+1.0
RUGZ	Raukumara Rang	4.11 221	P	15 32 46.2	+0.5
TWGZ	Tauwharepae	4.11 217	P	15 32 46.1	+0.4
TWGZ		comp=N, 2.3nm, 0.5s	Sn		
CNGZ	Carnagh Statio	4.25 212	P	15 32 47.8	+0.2
TKGZ	The Karaka	4.38 216	P	15 32 50.1	+0.8
TKGZ		comp=N, 2.3nm, 0.5s	Sn		
MWZ	Matawai	4.46 219	P	15 32 49.9	-0.6
MWZ		comp=N, 2.3nm, 0.5s	Sn		
URZ	Urewera	4.63 223	Pn	15 32 52.1	-0.6
URZ		2.9nm, 0.3s, baz=277, slow=3.6, SNR=39	Sn		
URZ		3.5nm, 0.3s, baz=180, slow=20, SNR=8.9	Sn		
URZ	Urewera	4.63 223	P	15 32 52.4	-0.3
RIZZ		comp=N, 2.3nm, 0.5s	Sn		
RIZZ	Rimuhau	4.63 214	P	15 33 44.5	-0.8
RIZZ		comp=N, 2.3nm, 0.5s	Sn		
RIZZ	Rawiri	4.64 219	P	15 33 52.7	+0.3
OPRZ	Ohinepanea	4.69 230	P	15 32 53.7	+0.1
KUZ	Kuaotunu	4.74 246	P	15 32 55.3	+1.0
SNGZ	Shannon Statio	4.89 217	P	15 32 55.4	-1.0
MHGZ	Mahia Peninsula	4.94 210	P	15 32 57.9	+0.9
RTGZ	Ruatuna	4.95 221	P	15 32 57.7	+0.7
MUGZ	Murupara	4.97 223	P	15 32 56.7	-0.8
RAHZ	Arahi	5.12 218	P	15 33 00.6	+1.0
MTHZ	Maungataniwha	5.20 220	P	15 33 01.3	+0.7
ALRZ	Allen Road	5.27 225	P	15 33 01.4	-0.2
TOZ	Tahuroa Road	5.32 237	P	15 33 02.8	+0.5
OUZ	Omaha	6.15 265	P	15 33 13.0	+0.1
ASAR	Alice Springs	42.32 272	P	15 39 34.8	-0.5
ASAR		0.5nm, 0.5s, baz=115, slow=7.8, SNR=17	P		
WRA	Warramunga Arr	43.72 277	P	15 39 45.5	-1.2
WRA		0.8nm, 0.7s, baz=119, slow=3.5, SNR=7.6	P		
FINES	FINESSE Array B	149.06 337	PKPbc	15 51 29.1	+1.0
FINES		0.4nm, 0.6s, baz=32, slow=5.4, SNR=4.0	PKPbc		

1DC 19 15:42:29.6:2.4, 19:55S:174:95W, h0km, mb3.8/5, mb1.3/9.6, mb1mx3.6/32, mbtmp3.8/6, ML4.2/1, Error ellipse: s-maj=66.9km s-min=30.3km az=111.0

NEIC 19 15:42:32.6:2.9, 20:05S:0:1:174:07W:0:07, h62km, 10km, mb4.3/9, Error ellipse: s-maj=17.0km s-min=6.9km az=201.0

1DC 19 15:42:31.0:0.8, 20:05S:0:1:174:15W:0:08, h31km, n19, az=235/23, mb3.9/9, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
NIUE	Niue	4.09 77	Op	14 53 33.7	+2.2
NIUE		0.8nm, 0.7s, baz=119, slow=3.5, SNR=7.6	Sn		
AFI	Afiamau	6.50 21	Pn	15 44 06.1	+1.4
MSVF	Nonsavu	7.74 286	Pn	15 44 25.9	+4.3
FUNA	Funafuti	13.13 330	Pn	15 45 36.5	+1.0
SANVU	Saraoutou	18.34 281	P	15 46 38.0	-5.1
SANVU		comp=N, 2.11nm, 0.9s	Iamb		
URZ	Urewera	19.68 201	P	15 47 01.5	+2.4
STKA	Stephens Creek	41.25 244	P	15 50 12.8	-0.7
STKA		comp=Z, 0.7nm, 0.3s, baz=247, slow=16, SNR=1.2	P		
AS31	Alice Springs	48.14 256	P	15 51 07.9	-0.7
ASAR	Alice Springs	48.14 256	P	15 51 07.7	-0.9
ASAR		comp=Z, 0.2nm, 0.5s, baz=88, slow=8.3, SNR=22	PcP		
ASAR		comp=Z, 0.5nm, 0.5s, baz=110, slow=4.0, SNR=7.6	PcP		
ASAR	Alice Springs	48.14 256	P	15 51 07.4	-1.2
ASAR		comp=N, 2.3nm, 0.5s	PcP		
WBO	Warramunga Arr	48.23 261	P	15 51 07.9	-1.3
WBO		comp=Z, 3.3nm, 1.1s	Iamb		
WB2	Warramunga Arr	48.24 261	P	15 51 08.0	-1.3
WB2		comp=N, 2.3nm, 0.5s	Iamb		
WRAB	Tennant Creek	48.24 261	P	15 51 07.5	-1.9
WRA	Warramunga Arr	48.25 261	P	15 51 07.4	-2.1
WRA		comp=Z, 0.6nm, 0.6s, baz=97, slow=7.7, SNR=20	PcP		
WRA		comp=Z, 0.4nm, 0.9s, baz=105, slow=3.2, SNR=1.4	PcP		
KNRA	Kununurra	5			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LRS, PAVA, SBL, COEB, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like W39A Magazine, X56A Gracelyn & Ava, X55A White Oak, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like P53A Whipple, SFIN Lafayette, R59A King George, V, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 4E8A Lockeyer, LONY Lake Ozonia, D46A Sault St. Mari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA comp=Z,0.5nm,0.7s,baz=287,slow=5.0,SNR=5.2, ARCES ARCES Array B, etc.

Code Station Name Az Az' Phase ID Time Res h m s ISC
IDC 19 16:31:58.21.9,37.04N:141.42E,h44km,17km,mb3.3/6,
mb1.3/411,mb1mx3.2/52,mbtmp3.5/11,ML3.3/3,Error
ellipse: s-maj=19.9km s-min=11.7km az=95.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 16:31:59.01.0,37.08N:141.15E,h52km,1km,M3.8,
JMA Felt J1, etc.

TAP 19 17:05:48.5,22.26N:121.33E,h9km,1km,ML2.1,C,
Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAY Lan-yu, LAYL Lan-yu, TAW Tawu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHN1 Nanshi, CHN1 Xinyi Township, WTP Ta-pu, etc.

IDC 19 17:06:38.90.9,67.95N:161.91W,h0km,mb3.5/8,
mb1.3/711,mb1mx3.5/41,mbtmp3.6/11,ML3.5/3,Error
ellipse: s-maj=29.4km s-min=14.6km az=23.0

AEIC 19 17:06:39.2.4,67.58N:109.161.8W,0.2,h19km,7km,
ML3.2,Error ellipse: s-maj=13.2km s-min=10.8km
az=150.0

NEIC 19 17:06:40.0.1,67.67N:0.1x161.9W:0.1,h25km,9km,
Error ellipse: s-maj=16.6km s-min=5.3km az=168.0

ISC 19 17:06:38.7.0,67.67N:161.91W:0.06,h10km,n45,
+1863.46, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RD0G Red Dog Mine, ANIM Nome, etc.

TAP 19 17:06:48.0,24.65N:121.72E,h13km,ML1.4,A,Taiwan

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NOA, AKASO, TORD.

SOME 19 23:19:14.6, 42.10N:80.70E, h20km
INC 19 23:19:16.5, 1.3, 42.18N:80.54E, h0km, mb3.8, mpv3.7,
Error ellipse: s-maj=8.3km s-min=6.1km az=141.0

Main table of station data for the left column, including codes like SHLS, PDGK, SATY, etc., with their respective parameters.

Table of station data for the middle column, including codes like DGS, DGS, TKM2, etc., with their respective parameters.

IDC 19 23:26:41.9, 1.1, 33.13S:178.13W, h0km, mb4.3/4,
mb1.4 5/6, mb1mx4.0/36, mbtmp4.3/6, ML4.2, MS3.6/7,
Ms1.3 6/7, ms1mx3.3/33, Error ellipse: s-maj=42.11km
s-min=24.1km az=124.0

NEIC 19 23:26:45.4, 1.5, 33.29S:0.07:178.3W, 0.1, h32km, n87,
1.85deg, mb4.5/13, MS3.5/6, ID, South of Kermadec
Islands

Main table of station data for the middle column, including codes like MXZ, WNGZ, HAZ, etc., with their respective parameters.

Table of station data for the right column, including codes like CFA, PETK, PETK, etc., with their respective parameters.

IDC 19 23:33:43.5, 29.0, 24.32S:173.82W, h0km, mb4.3/4,
mb1.4 5/4, mb1mx3.9/31, mbtmp4.3/4, Error ellipse:
s-maj=530.3km s-min=145.0km az=82.0, South of
Tonga Islands

Table of station data for the right column, including codes like CTA, STKA, ASAR, etc., with their respective parameters.

IDC 20 00:07:03.4, 2.4, 36.26N:70.37E, h191km, mb3.6/20,
mb1.3 7/25, mb1mx3.5/52, mbtmp4.3/25, MS3.1/1,
Ms1.3 1/1, ms1mx2.3/31, Error ellipse: s-maj=15.5km
s-min=10.7km az=14.0

BUI 20 00:07:04.3, 0.0, 36.47N:70.41E, h208km, mb4.5/16,
mb4.6/18
MOS 20 00:07:04.3, 1.0, 36.49N:70.40E, h207km, mb4.2/16, Error
ellipse: s-maj=8.5km s-min=4.0km az=73.1

NEIC 20 00:07:05.3, 1.8, 36.52N:0.05:70.35E, 0.08, h209km, 5km,
mb4.3/27, Error ellipse: s-maj=9.5km s-min=7.5km
az=90.8

NNC 20 00:07:05.9, 4.2, 36.71N:70.34E, h178km, 42km, mb3.8,
mpv4.7, Error ellipse: s-maj=39.5km s-min=21.3km
az=163.0

ISC 20 00:07:05.0, 0.4, 36.50N:0.04:70.37E, 0.04, h204km, n198,
0.179/226, mb4.1/38, 22C-20D, Hindu Kush region

Main table of station data for the right column, including codes like KBL, KBL, CEP, etc., with their respective parameters.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MTBS Maibute, TNSN Tian-Shan, AAA Alma-Ata, MDOK Meedo, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZAAO Zalesovo Array, ZAAO ZALV, HYB Hyderabad, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BOSA Morava, YKA Yellowknife Arr, WRA Warramunga Arr, ASAR Alice Springs, FORT Forrest, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Pisagua, Minye Minye, etc.

MAN 20 00:22:15.6, 13:27N:120:50E, h10km, mb3.5, ML2.2, MS1.6, 1C, Mindoro

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Puerto Galera, Lubang, San Jose, etc.

NEIC 20 00:24:58.4 ± 1.6, 37.23N:0104:97.95W, 0.08, h6km, 3km, mb_Lg3.0/120, Error ellipse: s-maj=9.2km s-min=5.5km az=81.0

ANF 20 00:24:58.9 ± 1.2, 37.22N:97.98W, h5km, 9km, ML3.9/8, Error ellipse: s-maj=5.1km s-min=3.1km az=42.0

ISC 20 00:24:58.1 ± 0.8, 37.23N:0103:97.99W, 0.03, h10km, n102, c144/67, Kats

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Harper NE Sta, Anthony SW Sta, Argonia South, etc.

ISC 20 00:38:40.1 ± 1.6, 14.64N:87.60W, h0km, mb3.4/4, mb1 3.9/5, mb1mx3.5/33 mbtrmp3.5/5, ML3.8/1, Error ellipse: s-maj=133.3km s-min=24.3km az=59.0

INET 20 00:38:40.4, 12.88N:88.86W, h13km, ML2.9, SNET 20 00:38:41.6 ± 0.9, 12.97N:88.86W, h58km, 9km, ML3.4

ISC 20 00:38:38.9 ± 2.5, 12.90N:009:88.95W, 0.05, h14km ± 16km, n15, c1925/17, mb3.4/4, 1C-3D, Off coast of central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Alcalda de J, Alcalda de L, Comit de Eme, etc.

NIED 20 01:01:26.4, 36.43N:140:66E, h53km, MW3.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm, Mr:1.02, Mb:0.19, Mw:1.21, M0:0.34, Mb:0.42, Mr:1.02

Fault plane solution: M1:5.90000x10^14 Np1:18.00000, delta:0.00000, lambda:192.00000, NP2:192.00000, delta:0.00000, lambda:192.00000, Azm:286.00000, Azm182.00000

JMA 20 01:01:26.3 ± 0.1, 36.43N:140:66E, h53km, 1km, M3.5, Broadband fault plane solution: P waves. NP1:199.00000, delta:0.00000, lambda:190.00000, NP2:199.00000, delta:0.00000, lambda:190.00000, Azm:289.00000, Azm189.00000, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hitachinakyam, Hitachi, Yasato, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Richland Creek, Cane Creek, Nacogdoches, etc.

ISC 20 01:25:33.0 ± 0.5, 36.47N:0140:140:69E, 0.04, h55km, 4km, n292, c1814/291, mb4.5/11.4, MS3.4/11, 19C-12D, Near east coast of eastern Honshu

Code Station Name Delta Azimuth Phase ID Time Res Includes stations like Hitachinakyam, Hitachi, Yasato, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hitachinakyam, Hitachi, Yasato, etc.

Code Station Name Delta Azimuth Phase ID Time Res Includes stations like Hitachinakyam, Hitachi, Yasato, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Ashikaga, Otama, Katahina, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, SNR=19, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, SNR=19, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, SNR=19, etc.).

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BFO Black Forest, FETA Feichten, DAVA Darmutal, MORI Morici, SCHO Schefferville, ECH Echery, etc.

JMA 20 01:38:36.2, 0.2, 37:13N:144:06E, h57km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, JIO Jio, JFK Kawauchi, etc.

IDC 20 01:42:48.8, 1.0, 36:70N:171:16E, h0km, mb3.7/15, mb1 3.9/22, mb1mx3.8/53, mbtmp3.8/22, ML3.8/7, MS3.0/8, Ms1 3.0/8, ms1mx2.7/48, Error ellipse: s-maj=19.6km s-min=15.2km az=159.0

NEIC 20 01:42:53.4, 2.7, 36:35N:107:70E, h0.96E:0.0, h17km, 5km, mb4.1/14, Error ellipse: s-maj=10.4km s-min=8.5km az=220.0

BUI 20 01:42:57.0, 0.0, 37:16N:171:07E, h61km, mb4.3/4, mb4.5/6, ML3.9/3, Ms3.5/1, Ms7.3/1

NNC 20 01:42:57.6, 2.9, 36:98N:70:87E, h106km, 37km, mb3.6, mpv4.2, Error ellipse: s-maj=25.7km s-min=14.3km az=159.0

ISC 20 01:42:57.0, 0.5, 36:90N:0:04, 71:05E:0:05, h88km, n94, c286/97, mb3.7/18, 12C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GAR Garm, CHGR Chuyangaron, KBL Kabul, CEP Cherat, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KDJ Kajisay, TARG Taragay, HRA Herat, SMLA Simla, etc.

JMA 20 02:07:27.4, 0.1, 24:65N:122:50E, h105km, 2km, M2.2 TAP 20 02:07:27.5, 2.4, 69N:122:59E, h95km, 1km, ML3.3, D ISC 20 02:07:28.5, 1.6, 24:72N:122:52E:0:03, h95km, 9km, n60, c0870/102, 1C, Taiwan region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NTC, TIPB Shuangxi, TIPB Nanao, ENAH Nanao, ENAH Nanao, etc.

M04C	Macdoel	21.73 140	P	P	02 20 38.2 +1.5
RES	Resolute Bay	21.75 31	P	P	02 20 38.2 +1.7
RES	Resolute Bay	21.75 31	P	P	02 20 38.2 +1.7
RES	Resolute Bay	21.75 31	P	P	02 20 38.2 +1.7
M02C	Callahan	21.77 142	P	P	02 20 38.5 +1.4
HBMT	Mount Humbug	21.86 119	P	P	02 20 38.6 +0.3
LRM	Limekiln Ridge	21.91 119	P	P	02 20 35.8 -3.0
KHMM	Howe Mountain	21.98 145	P	P	02 20 37.7 -1.8
MOD	Modoc Plateau	22.12 137	P	P	02 20 41.0 0.0
N02D	Trinity Center	22.19 143	P	P	02 20 42.8 +1.1
DLMT	Dillon	22.20 120	P	P	02 20 40.2 -1.6
DLMT	Dillon	22.20 120	P	P	02 20 40.2 -1.6
WVOR	Wild Horse Val	22.23 134	P	P	02 20 42.5 +0.3
WVOR	Wild Horse Val	22.23 134	P	P	02 20 42.5 +0.3
BOZ	Bozeman (W)	22.44 118	P	P	02 20 43.9 -0.5
BOZ	Bozeman (W)	22.44 118	P	P	02 20 43.9 -0.5
MFID	Camas Ranch	22.45 128	P	P	02 20 43.7 +0.8
MCMT	McKenzie Canyo	22.52 121	P	P	02 20 45.5 +0.1
WDC	Whiskeytown Dam	22.62 143	P	P	02 20 46.0 +0.1
WDC	Whiskeytown Dam	22.62 143	P	P	02 20 46.0 +0.1
BCYI	Bear Canyon	22.70 123	P	P	02 20 46.9 -0.4
HLID	Hailey	22.90 125	P	P	02 20 50.5 +1.3
HLID	Hailey	22.90 125	P	P	02 20 50.5 +1.3
O03E	Paynes Creek	23.09 142	P	P	02 20 49.0 -0.3
FCC	Fort Churchill	23.13 73	P	P	02 20 52.7 +1.4
FCC	Fort Churchill	23.13 73	P	P	02 20 51.8 +0.5
FCC	Fort Churchill	23.13 73	P	P	02 20 51.8 +0.5
QLMT	Earthquake Lak	23.13 119	P	P	02 20 52.0 +0.3
GCMT	Greycliff	23.15 115	P	P	02 20 52.3 +0.4
YHL	Hegben Lake	23.22 119	P	P	02 20 53.2 +0.5
YHL	Holmes Hill	23.42 118	P	P	02 20 54.7 0.0
BILL	Bilibino	23.78 312	P	P	02 20 55.5 -2.2
DGMT	Dagmar	23.79 104	P	P	02 21 03.4 +5.3
DGMT	Dagmar	23.79 104	P	P	02 21 03.4 +5.3
DLMT	Red Lodge	23.86 115	P	P	02 20 57.2 -0.9
DLMT	Red Lodge	23.86 115	P	P	02 20 59.1 +0.2
RLMT	Red Lodge	23.86 115	P	P	02 20 59.4 +0.5
RLMT	Red Lodge	23.86 115	P	P	02 21 09.3
AMKA	Amchitka	24.01 266	P	P	02 20 57.6 -2.4
FLWY	Flagg Ranch	24.04 119	P	P	02 21 00.0 -0.7
FLWY	Flagg Ranch	24.04 119	P	P	02 21 00.0 -0.7
IMW	Indian Meadow	24.09 120	P	P	02 21 00.9 -0.2
IMW	Indian Meadow	24.09 120	P	P	02 21 00.9 -0.2
LAO	LASA Array	24.09 109	P	P	02 21 03.1 +2.2
FXWY	Fox Creek	24.25 120	P	P	02 21 03.0 +0.3
PAHR	Pah Rah Range	24.40 138	P	P	02 21 03.5 -0.4
TPAW	Teton Pass	24.41 120	P	P	02 21 04.4 +0.3
TPAW	Teton Pass	24.41 120	P	P	02 21 04.4 +0.3
REDW	Red Top Meadow	24.55 120	P	P	02 21 05.5 +0.1
REDW	Red Top Meadow	24.55 120	P	P	02 21 05.5 +0.1
AFDM	Forest Hills D	24.58 142	P	P	02 21 05.2 -0.2
VCNR	Virginia City	24.68 139	P	P	02 21 05.6 -0.9
PNTR	Pine Nut	24.89 139	P	P	02 21 09.1 +0.7
PNTR	Pine Nut	24.89 139	P	P	02 21 10.3 -1.5
PNTR	Pine Nut	24.89 139	P	P	02 21 10.3 -1.5
ELK	Elko	24.96 130	P	P	02 21 09.5 +0.4
ELK	Elko	24.96 130	P	P	02 21 09.5 +0.4
ELK	Elko	24.96 130	P	P	02 21 09.5 +0.4
ELK	Elko	24.96 130	P	P	02 21 09.5 +0.4
EUNU	Eureka	25.19 19	P	P	02 21 10.3 -2.3
KVN	Kaiserville	25.42 137	P	P	02 21 13.2 +2.5
KVN	Kaiserville	25.42 137	P	P	02 21 14.5 +1.3
ILON	Igloolik, Nuna	25.44 45	P	P	02 21 20.1 +7.3
WAKR	Walker	25.47 139	P	P	02 21 14.9 +1.3
WAKR	Walker	25.47 139	P	P	02 21 27.5
BW06	Boulder Array	25.59 119	P	P	02 21 15.9 +1.1
BW06	Boulder Array	25.59 119	P	P	02 21 15.9 +1.1
PD31	Pinedale Array	25.59 119	P	P	02 21 15.9 +1.2
PDAR	Pinedale Array	25.59 119	P	P	02 21 15.0 +0.2
PDAR	Pinedale Array	25.59 119	P	P	02 24 47.6 +2.2
PDAR	Pinedale Array	25.59 119	P	P	02 21 14.8 +0.1
PDAR	Pinedale Array	25.59 119	P	P	02 24 48.8 +3.4
CMB	Columbia Colle	25.60 141	P	P	02 21 13.3 -1.4
RYN	Ryan	25.66 138	P	P	02 21 14.3 -1.0
RYN	Ryan	25.66 138	P	P	02 21 32.7
NVAR	Mina Array Bea	25.91 138	P	P	02 21 18.2 +0.5
NVAR	Mina Array Bea	25.91 138	P	P	02 24 49.2 +3.0
NVAR	Mina Array Bea	25.91 138	P	P	02 20 33.7
NVAR	Mina Array Bea	25.91 138	P	P	02 21 18.5 +0.8
NV11	Mina Array Sit	25.96 137	P	P	02 21 19.1 +1.1
NV11	Mina Array Sit	25.96 137	P	P	02 21 34.1
DUG	Dugway, Toeole	26.38 127	P	P	02 21 22.8 +1.0
DUG	Dugway, Toeole	26.38 127	P	P	02 21 20.3 -1.5
OMMB	Old Mammoth Mt	26.42 140	P	P	02 21 21.5 -0.9
ULM	Lac du Bonnet	26.73 92	LR	LR	02 32 31.8
R11A	Troy Canyon, C	26.93 133	P	P	02 21 27.5 +0.6
R11A	Troy Canyon, C	26.93 133	P	P	02 21 27.7 +0.8
R11A	Troy Canyon, C	26.93 133	P	P	02 21 28.4 +0.7
K22A	Casper	27.03 115	P	P	02 21 27.8 +0.1
K22A	Casper	27.03 115	P	P	02 21 28.0 +0.3
K22A	Casper	27.03 115	P	P	02 21 40.3
RDMU	Red Mountain	27.39 122	P	P	02 21 32.5 +1.5
CWC	Cottonwood Cre	27.79 139	P	P	02 21 35.9 +1.3
TPNV	Topopah Spring	27.95 136	P	P	02 21 36.7 +0.7
TPNV	Topopah Spring	27.95 136	P	P	02 21 37.2 +1.2
TPNV	Topopah Spring	27.95 136	P	P	02 22 01.3
AGMN	Agassiz Nation	28.00 95	P	P	02 21 36.3 +0.1
MSU	Marysvale	28.07 128	P	P	02 21 38.4 +1.3
Q16A	Castle Valley	28.12 126	P	P	02 21 38.8 +1.2
EPLA	Experimental L	28.16 91	P	P	02 21 40.6 +3.0
O20A	White River Ci	28.31 121	P	P	02 21 39.9 +0.3
O20A	White River Ci	28.31 121	P	P	02 21 39.9 +0.7
MPMC	Manual Prospec	28.33 139	P	P	02 21 40.7 +1.3
CCUT	Cedar City	28.46 131	P	P	02 21 42.5 +1.9
PKM	Mcpherson Peak	28.68 143	P	P	02 21 44.4 +1.9
N23A	Red Feather La	28.69 117	P	P	02 21 42.4 -0.3
N23A	Red Feather La	28.69 117	P	P	02 21 43.9 +1.2
N23A	Red Feather La	28.69 117	P	P	02 22 46.3
PKLO	Pickle Lake	28.70 85	P	P	02 21 40.6 -1.8
SOLC	Sioux Lookout	28.76 99	P	P	02 21 42.0 0.9
GSC	Goldstone, Bar	29.25 138	P	P	02 21 48.5 +1.1
GSC	Goldstone, Bar	29.25 138	P	P	02 21 48.5 +1.1
GSC	Goldstone, Bar	29.25 138	P	P	02 21 48.5 +1.1
GSC	Goldstone, Bar	29.25 138	P	P	02 22 04.3

TUQ	Turquoise Moun	29.43 137	P	P	02 21 50.9 +1.9
ISCO	Idaho Springs	29.73 118	P	P	02 21 52.5 +0.5
ATKO	Atkinson Iron	29.78 90	P	P	02 21 58.8 +6.9
GMRC	Granite Mounta	30.11 137	P	P	02 21 56.1 +1.0
EYMN	Ely	30.41 92	P	P	02 21 57.3 -0.2
BELC	Belle Mtn. Jos	30.71 138	P	P	02 22 01.6 +1.2
ECSD	EROS Data Cent	30.86 103	P	P	02 22 01.0 -0.5
S22A	4UR Ranch, Cre	30.91 122	P	P	02 22 02.5 +0.1
WUAZ	Wupatki	31.00 130	P	P	02 22 04.6 +1.5
WUAZ	Wupatki	31.00 130	P	P	02 22 05.0 +2.0
SDCO	Great Sand Dun	31.48 120	P	P	02 22 08.1 +0.7
GTO	Geraldton	31.49 85	P	P	02 22 09.9 +2.9
MONP	Monument Peak	31.58 139	P	P	02 22 09.9 +1.6
SWSC	Sam W. Stewart	31.74 138	P	P	02 22 14.4 +5.1
Y14A	Wickenburg	31.80 134	P	P	02 22 11.6 +1.6
FRB	Frobisher Bay	32.23 52	LR	LR	02 35 46.6
ANMO	Albuquerque	33.46 124	P	P	02 22 25.6 +1.0
ANMO	Albuquerque	33.46 124	P	P	02 22 24.9 +0.2
ANMO	Albuquerque	33.46 124	P	P	02 22 39.4
PEA0B	Propavlovsk-	33.61 286	P	P	02 22 25.1 -0.4
PETK	Petrovavlovsk-	33.61 286	P	P	02 22 24.8 -0.7
PETK	Petrovavlovsk-	33.61 286	P	P	02 36 09.4
PETK	Petrovavlovsk-	33.61 286	P	P	02 22 24.4 -1.1
214A	Organ Pipe Nat	33.66 135	P	P	02 22 27.4 +1.2
KAPO	Kapusking	33.88 82	P	P	02 22 31.0 +3.1
BNM	Barren Site	34.08 125	P	P	02 22 31.5 +1.5
TUC	Tucson	34.08 132	P	P	02 22 31.1 +1.2
TUC	Tucson	34.08 132	P	P	02 22 31.7 -1.4
TUC	Tucson	34.08 132	P	P	02 22 44.3
JFWS	Jewell Farm	34.59 97	P	P	02 22 32.7 -1.4
JFWS	Jewell Farm	34.59 97	P	P	02 22 33.1 -1.1
JFWS	Jewell Farm	34.59 97	P	P	02 22 38.2
L40A	Anamosa	34.75 99	P	P	02 22 35.1 -0.4
D46A	Sault St. Mari	34.84 87	P	P	02 22 38.9 +2.6
F45A	CMU Biological	34.95 90	P	P	02 22 39.1 +1.9
D47A	Chapleau	35.20 86	P	P	02 22 42.3 +2.9
LG4Q	La Grande 4	35.30 71	P	P	02 22 41.1 +1.0
E47A	Iron Bridge	35.52 87	P	P	02 22 45.0 +2.9
AMTX	Amarillo	35.55 118	P	P	02 22 44.2 +0.6
AMTX	Amarillo	35.55 118	P	P	02 22 44.4 +1.8
AMTX	Amarillo	35.55 118	P	P	02 22 50.5
D48A	Paudash Townsh	35.76 85	P	P	02 22 45.9 +1.7
MSTX	Muleshoe	35.85 120	P	P	02 22 45.3 +0.1
MSTX	Muleshoe	35.85 120	P	P	02 22 45.5 +0.2
D49A	Beulah Townshi	35.91 84	P	P	02 22 48.0 +2.5
E48A	Lockeyer	36.06 86	P	P	02 22 49.4 +2.7
MATO	Matagami	36.07 78	P	P	02 22 49.1 +2.3
F48A	Evansville	36.29 87	P	P	02 22 54.1 +3.4
F49A	Sandfield	36.62 86	P	P	02 22 52.3 +2.8
GD2L	Guadalupe Moun	36.70 124	P	P	02 22 54.0 +1.5
MNTX	Cornudas Mount	36.72 125	P	P	02 22 53.5 +0.9
MNTX	Cornudas Mount	36.72 125	P	P	02 22 54.0 +1.4
D50A	G1974 Best Tow	36.74 83	P	P	02 22 54.7 +2.2
HDIL	Hopedale	36.84 99	P	P	02 22 52.7 -0.7
LSQQ	Lebel-sur-Quev	36.86 79	P	P	02 22 54.1 +0.6
WMOK	Wichita Mounta	36.97 115	P	P	02 22 55.1 +0.5
WMOK	Wichita Mounta	36.97 115	P	P	02 22 55.3 +0.7
D51A	Lot 18 Range I	37.02 83	P	P	02 22 56.3 +1.4
VLDQ	Val d'Or	37.26 80	P	P	02 22 57.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like HKT, O56A, L58A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like NOA, NAO01, FINES, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like XAN, XAN, XAN, etc.

IDD 20 02:16:28.6i.31.34;715x:179:41W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.6/35, mbtmp3.8/3, ML3.5/1, Error ellipse: s-maj=72.8km s-min=36.4km az=119.0 WEL 20 02:16:24.0i.27.35;5.7x17.9W;1.0, h33km, M4.2/12,

20d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSRA Psara, SEYD Seydisheir-KON, AYVA Ayvalik, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, CSS Athiatas, SKIA Skiatos, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY Jayapura, WRAB Tennant Creek, WRA Warrungana Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUK6, BALM, YUK4, etc.

IDC 20 03:16:33.0, 4.21S, 151.73E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.6/4.7, mbtmp3.5/5, MS3.4/1, ms1mx2.5/3.4, Error ellipse: s-maj=26.3km s-min=8.7km az=6.0

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

IDC 20 03:16:33.0, 4.21S, 151.73E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.6/4.7, mbtmp3.5/5, MS3.4/1, ms1mx2.5/3.4, Error ellipse: s-maj=26.3km s-min=8.7km az=6.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TKM2, BTM, BTB, BTLS, etc.

IDC 20 03:42:34.2, 2.2, 6.55S, 129.62E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.4/2.4, mbtmp3.6/4, ML3.7/2, Error ellipse: s-maj=164.2km s-min=30.3km az=69.0

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like Sungai Dareh, Kamikawa-asahi, Paso Flores, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like Rantau Prapat, Laurel Mtn Rad, PSI Prapat, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like DL2, R11A Troy Canyon, AC05 El Trans, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Invergeldie, C, Monsted Ugrnd, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Panska Ves, Pizskesteto, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Furstenfeldbru, SKO Skopje, etc.

20d 8h

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDD Wied Dalam, PAOL Paolisi, CSS Mathiatis, etc.

DJA 20 08:21:21.71.5, 10'S 111°12'02"E, h11km, gkm, M3.7/6, mb3.9/1, MLv3.6/6, Sumba region

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

WEL 20 08:32:52.6:0.6, 35'S 9°18'0W, h13, h275km, gkm, M4.3/1.8, mb4.4/1, MLv4.3/18, Mw(mB)3.6/1, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PUZ Raukumara Rang, RUGZ RUGZ, CNGZ Carnagh Statio, etc.

IDC 20 08:45:11.8:0.9, 12.15Sx167.06E, h0km, mb4.2/14, mb1.4/4.15, mb1mx4.1/39, mbtmp4.2/15, ML5.1/1, MS3.5/11, Ms1.3/5.11, ms1mx3.2/38, Error ellipse: s-maj=27.9km s-min=18.5km az=122.0

NEIC 20 08:45:22.7:1.8, 11.76S:0108.166:6E:0.1, h74km, gkm, KHZ 6/25, Error ellipse: s-maj=17.6km s-min=10.9km az=79.0

ISC 20 08:45:23.8:0.5, 11.83S:0106.166:58E:0.08, h83km, m68, s127/58, mb4.5/27, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutua, SANVU Saravuta, HNR Honiara, etc.

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

JMA 20 08:46:08.7:0.5, 30.72N:137.99E, h499km, M3.3, IDC 20 08:46:14.2:6.7, 30.79N:136.94E, h541km, 102km, mb2.6/2, mb1.2/9.5, mb1mx2.5/46, mbtmp3.8/5, Error ellipse: s-maj=165.5km s-min=48.7km az=94.0

ISC 20 08:46:09.4:1.0, 30.71N:0.08:137.9E:0.1, h477km, n16, s132/21, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTNC Tanabenahech, BSO3 Boso 3, JOD2 Odawara 2, etc.

ANF 20 09:18:20.7:0.2, 32.93N:116.27W, h12km, 1km, ML3.0/28, Error ellipse: s-maj=2.0km s-min=1.6km az=13.0

PAS 20 09:18:21.8:1.3, 32.894N:0.010:116.274W:0.010, h7km, 6km, ML3.1/202, Error ellipse: s-maj=1.4km s-min=1.2km az=174.0

NEIC 20 09:18:21.3:1.0, 32.90N:0.02:116.29W:0.02, h16km, 1km, Error ellipse: s-maj=2.6km s-min=1.9km az=193.0

ISC 20 09:18:21.0:0.8, 32.90N:0.01x116.27W:0.01, h16km, 5km, n118, s08/1185, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBKC Canebrake, MONP2 Monument Peak, MONP1 Monument Peak, etc.

CMIG	Matias Romero	3.20 314	P	Pn	09 24 17.2	0.0
CMIG	comp-Z,121nm,0.3s,baz=157,slow=13,SNR=901					
CMIG	comp-Z,11m,0.3s,baz=230,slow=18,SNR=5.6				09 24 55.9	+1.7
CMIG	comp-Z,21m,21.2s,baz=166,slow=38			LR	09 25 38.8	
CMIG	Matias Romero	3.20 314	eP	Pn	09 24 16.6	-0.6
CMIG	comp-Z,121nm,0.3s,baz=157,slow=13,SNR=901				09 24 53.4	-0.8
CMIG	Matias Romero	3.20 314	eP	Pn	09 24 16.6	-0.6
CMIG	comp-Z,121nm,0.3s,baz=157,slow=13,SNR=901				09 24 20.8	+2.8
PETF	Flores	3.26 51	eP	Pn	09 24 21.0	+3.0
PETF	Flores	3.26 51	eP	Pn	09 24 20.8	+1.8
BOQS	Boqueron	3.31 109	eP	Pn	09 24 20.8	+1.8
BOQS	Boqueron	3.31 109	eP	Pn	09 24 20.8	+1.8
UEES	Universidad Ev	3.35 109	eP	Pn	09 24 21.2	+1.7
UEES	Universidad Ev	3.35 109	eP	Pn	09 24 21.0	+1.5
LALI	Alcalda de L	3.37 113f	eP	Pn	09 24 21.0	+1.5
LALI	Alcalda de L	3.37 113f	eP	Pn	09 24 21.0	+1.5
SNET	Serv Nac Est T	3.37 110	eP	Pn	09 24 21.8	+2.1
OPAM	Oficina de Pla	3.40 109	eP	Pn	09 24 21.8	+2.1
OPAM	Oficina de Pla	3.40 109	eP	Pn	09 24 21.8	+2.1
IGN	Direccin Gen	3.42 109	eP	Pn	09 24 22.0	+1.7
IGN	Direccin Gen	3.42 109	eP	Pn	09 24 22.0	+1.7
AEIL	Aeropuerto Ilo	3.47 109	eP	Pn	09 24 23.5	+2.4
AEIL	Aeropuerto Ilo	3.47 109	eP	Pn	09 24 23.5	+2.4
AEIL	comp-Z,41m,0.5s				09 25 16.6	
AEIL	comp-Z,41m,0.5s				09 24 23.9	+2.2
LBRS	Las Brisas	3.53 108	eP	Pn	09 24 23.9	+2.2
LBRS	Las Brisas	3.53 108	eP	Pn	09 24 23.9	+2.2
LFRS	El Faro	3.55 110	eP	Pn	09 24 23.8	+1.7
LFRS	El Faro	3.55 110	eP	Pn	09 24 23.8	+1.7
PAVA	Las Pavas	3.63 108	eP	Pn	09 24 24.9	+1.7
PAVA	Las Pavas	3.63 108	eP	Pn	09 24 24.9	+1.7
COEB	Comit de Eme	4.08 109	eP	Pn	09 24 31.9	+2.6
COEB	Comit de Eme	4.08 109	eP	Pn	09 24 31.9	+2.6
COEB	comp-Z,21m,0.3s				09 25 24.9	
COEB	comp-Z,21m,0.3s				09 24 31.9	+2.6
COEB	comp-Z,21m,0.3s				09 25 24.9	
ALJI	Alcalda de J	4.10 111	eP	Pn	09 24 31.3	+1.8
ALJI	Alcalda de J	4.10 111	eP	Pn	09 24 31.3	+1.8
TECA	Tecapa	4.10 109	eP	Pn	09 24 33.1	+3.3
TECA	Tecapa	4.10 109	eP	Pn	09 24 33.1	+3.3
FAGO	Alcalda de S	4.41 105	eP	Pn	09 24 35.0	+1.2
FAGO	Alcalda de S	4.41 105	eP	Pn	09 24 35.0	+1.2
TGUH	Teguigalpa Un	5.12 98	Pn	Pn	09 24 52.1	+1.6
CRIN	San Cristobal	5.71 111	eP	Pn	09 24 54.1	+2.5
TLIG	Tipapa	6.42 296	Pn	Pn	09 25 01.7	+0.3
MATN	Matagalpa	6.66 106	eP	Pn	09 25 06.4	+1.8
TEICH	Tepeich	6.69 36	P	Pn	09 25 05.9	+1.1
TEIG	comp-Z,338nm,0.3s,baz=319,slow=11,SNR=135				09 26 19.8	+0.1
TEIG	comp-Z,150nm,0.3s,baz=139,slow=19,SNR=15				09 27 59.0	
TEIG	comp-Z,31m,21.8s,baz=56,slow=43			LR	09 27 59.0	
TEIG	Tepeich	6.69 36	P	Pn	09 25 05.9	+1.1
TEIG	Tepeich	6.69 36	P	Pn	09 25 06.0	+1.1
TEIG	Tepeich	6.69 36	P	Pn	09 25 06.0	+1.1
BOAB	BOABO BROADBAN	6.06 109	Pn	Pn	09 25 11.6	+1.7
ACON	Acopyas	7.68 111	Pn	Pn	09 25 20.0	+1.5
UNIM	Universidad Na	7.78 306	P	Pn	09 25 23.1	+3.0
UNIM	Universidad Na	7.78 306	Pn	Pn	09 25 23.1	+3.0
GNSB	Finca Las Img	7.97 120	eP	Pn	09 25 24.7	+2.2
LAPC	Finca la Perla	8.00 120	eP	Pn	09 25 24.4	+1.6
GB1A	Borinquen Arri	8.00 119	eP	Pn	09 25 23.4	+0.5
GB1A	Borinquen Arri	8.00 119	eP	Pn	09 25 24.5	+1.5
BUES	Buena Vista	8.00 119	eP	Pn	09 25 24.5	+1.5
GPS1	Guardacoches	8.07 119	eP	Pn	09 25 27.3	+3.4
GPS2	Hueta Rincn d	8.07 119	eP	Pn	09 25 25.9	+0.5
LIM1	Limonal	8.19 119	eP	Pn	09 25 27.6	+2.0
GUAI	GUAI	8.20 123	eP	Pn	09 25 27.7	+1.6
GUAI	GUAI	8.20 123	eP	Pn	09 25 27.6	+2.0
HORN	Hornillas	8.24 119	eP	Pn	09 25 28.2	+1.3
COLC	Colonia	8.24 119	eP	Pn	09 25 30.0	+1.6
CUI	Guilapila	8.28 119	eP	Pn	09 25 31.0	+2.7
ACAL	Agua Clara	8.40 119	eP	Pn	09 25 33.3	+1.6
PTEN	Parque Tenorio	8.40 118	eP	Pn	09 25 33.3	+1.6
JTS	Las Juntas de	8.65 121	P	Pn	09 27 06.9	-0.7
JTS	comp-Z,3.9nm,0.3s,baz=346,slow=9,SNR=35				09 27 06.9	-0.7
JTS	comp-Z,2.5nm,0.3s,baz=199,slow=20,SNR=1.4				09 29 07.9	
JTS	comp-Z,429nm,20.7s,baz=4.0,slow=40				09 25 33.1	+1.4
JTS	Las Juntas de	8.65 121	Pn	Pn	09 25 33.1	+1.4
JTS	Las Juntas de	8.65 121	Pn	Pn	09 25 45.0	+1.6
HDC	Heredia	9.50 120	eP	Pn	09 25 47.3	+2.6
MOIG	Morelia	9.59 301	eP	Pn	09 25 56.9	+2.4
EDLM	Las Mercedes	10.32 121	eP	Pn	09 26 01.8	+3.4
EDLN	Palmar Norte	10.61 122	eP	Pn	09 26 05.1	+5.5
EDBA	Buenos Aires	10.85 121	eP	Pn	09 26 07.5	+2.5
EDSV	San Vito	11.08 122	eP	Pn	09 26 24.0	+1.5
ZAIG	Zacatecas	12.36 311	Pn	Pn	09 26 34.9	+2.7
LCCY	Blossom Villag	12.79 66	eP	Pn	09 26 56.7	+1.7
BCBU	The Bluff, Cay	13.10 66	eP	Pn	09 29 28.0	-1.1
833A	Chaparral WMA	14.85 336	P	Pn	09 26 56.8	+1.7
833A	Chaparral WMA	14.85 336	P	Pn	09 27 02.0	+0.8
833A	Hockey	15.34 349	Pn	Pn	09 27 02.0	+0.8
833A	Hockey	15.34 349	Pn	Pn	09 27 23.6	
833A	comp-Z,188nm,1.3s				09 27 11.0	+1.2
441A	DeRidder	18.64 358	P	P	09 27 17.2	+0.7
441A	DeRidder	18.64 358	P	P	09 27 45.9	
342A	Flagon Creek P	16.45 1	P	P	09 27 18.4	+0.9
342A	Flagon Creek P	16.45 1	P	P	09 30 07.9	-1.1
435B	Jarrell	16.53 344	P	P	09 27 23.9	
435B	comp-Z,95nm,0.9s				09 27 23.9	
435B	comp-Z,95nm,0.9s				09 27 23.9	
344A	Westbrook Farm	16.60 5	Iamb	Iamb	09 27 21.4	
346A	Big Creek Wild	16.69 9	Iamb	Iamb	09 27 25.9	
DWPF	Disney Wildern	16.72 36	P	P	09 27 20.0	+0.4
DWPF	Disney Wildern	16.72 36	P	P	09 27 20.6	+1.0
JCT	Junction City	16.94 338	P	P	09 27 22.5	+0.3
JCT	Junction City	16.94 338	P	P	09 27 22.4	+0.3
JCT	Junction City	16.94 338	P	P	09 30 16.9	-1.2
JCT	comp-Z,139nm,0.9s				09 27 22.5	+0.4
NATX	Nacogdoches	16.95 354	P	P	09 27 22.5	+0.4
NATX	Nacogdoches	16.95 354	P	P	09 27 23.1	+1.0
NATX	comp-Z,139nm,1.0s				09 27 25.6	
553A	Crawfordville	16.97 25	Iamb	Iamb	09 27 28.7	
HPG	Washetta, Mont	17.18 316	P	P	09 27 26.9	+1.9
237A	Washetta, Mont	17.34 351	Iamb	Iamb	09 28 21.4	
GTBY	Guantanamo Bay	17.74 31	P	P	09 27 28.3	+1.7
GTBY	Guantanamo Bay	17.74 31	P	P	09 28 13.4	
VBMS	Vicksburg	17.38 6	P	P	09 27 28.2	+1.3
VBMS	Vicksburg	17.38 6	P	P	09 27 28.3	+1.5
SJCC	San Jacinto, C	17.61 104	eP	Pn	09 27 26.9	-2.8
WHTX	Lake Whitney	17.65 346	P	Pn	09 27 32.0	+2.0
WHTX	Lake Whitney	17.65 346	P	Pn	09 30 34.6	-1.2
WHTX	comp-Z,177nm,0.8s				09 28 22.4	
TXAR	Lajitas Array	17.72 326	P	P	09 27 33.4	+2.4
TXAR	Lajitas Array	17.72 326	P	P	09 27 33.6	+2.6
TXAR	Lajitas Array	17.72 326	P	P	09 27 33.2	+2.5
TXAR	Lajitas Array	17.72 326	P	P	09 27 34.0	+2.0
DBBC	Dabeiba	17.78 114	eP	Pn	09 27 34.0	+2.2

146A	Union	17.98 9	Iamb	Iamb	09 27 40.7	
UREC	comp-Z,190nm,1.1s				09 27 33.5	-1.0
Z41A	San Jos de Ur	18.06 111	eP	P	09 27 39.2	+1.1
Z41A	Richland Creek	18.32 359	P	S	09 30 48.4	-1.4
Z41A	Richland Creek	18.32 359	Iamb	Iamb	09 27 43.8	
TIGA	comp-Z,139nm,0.9s				09 27 40.2	+1.0
Z38A	Mt. Pleasant	18.46 353	Iamb	Iamb	09 27 47.5	
CBOC	Ciudad Bolivar	18.50 117	eP	P	09 27 38.9	-0.7
CBOC	Ciudad Bolivar	18.50 117	eP	P	09 27 41.6	+1.0
ARGC	Ariguani, Magd	18.50 103	eP	Pn	09 27 39.5	+0.1
HEL	Santha Helena	18.76 116	eP	Pn	09 27 45.2	+1.4
LRAL	Lakeview Retre	18.78 14	P	Pn	09 27 43.8	+0.2
LRAL	Lakeview Retre	18.78 14	P	Pn	09 27 44.5	+0.9
ZARC	comp-Z,83nm,0.8s				09 27 39.0	-3.5
ABTX	Zaragoza, Cauc	18.78 111	eP	P	09 27 44.5	+0.9
ABTX	Abiense, Hawle	18.85 341	P	S	09 31 01.0	-1.2
ABTX	baz=158				09 28 02.2	
Z35A	Perchaven, San	18.89 348	Iamb	Iamb	09 28 06.5	
CCAR	Cane Creek	18.99 2	Iamb	Iamb	09 28 06.5	
SML	San Martin	19.00 106	eP	P	09 27 42.6	-2.3
LPIG	La Paz	19.13 301	P	P	09 27 51.3	+3.5
YOTC	Yotoco, Valle	19.23 123	eP	P	09 27 47.2	-0.3
255A	Hazlehurst	19.30 27	Iamb	Iamb	09 28 11.8	
GUY2C	comp-Z,200nm,1.2s				09 27 50.1	+0.6
PTBC	Puerto Berrrio,	19.55 113	eP	P	09 27 47.5	-3.4
Z51A	Franklin	19.55 19	Iamb	Iamb	09 28 12.1	
X40A	Basin Creek Fa	19.55 359	P	S	09 27 51.9	-0.8
X40A	Basin Creek Fa	19.55 359	Iamb	Iamb	09 31 18.8	-8.6
X40A	Basin Creek Fa	19.55 359	Iamb	Iamb	09 28 09.2	
RREF	Mount Ida	19.66 119	eP	P	09 27 53.6	0.0
MIAR	MIAR	19.56 37	S	S	09 31 18.4	-1.1
MIAR	baz=177				09 27 55.5	+1.9
X43A	Marvell	19.63 4	P	Pn	09 27 51.6	-0.3
NORC	Norcasia	19.64 116	eP	P	09 28 13.8	
Y49A	Blount Mountai	19.71 15	Iamb	Iamb	09 27 54.7	-0.4
ANIL	Santa Ana	19.73 129	eP	Pn	09 27 55.6	+0.4
TOLC	Tolima	19.75 119	eP	Pn	09 27 56.0	+0.5
OXF	Oxford	19.77 8	P	Pn	09 27 56.3	+1.1
X37A	Clayton	19.82 353	Iamb	Iamb	09 28 01.9	
UACR	University of	19.84 0	Iamb	Iamb	09 27 56.1	-0.3
OCAT	Ocana	19.90 107	eP	P	09 27 56.2	-2.2
SOTA	Rioblanco	20.14 127	eP	Pn	09 27 59.9	-0.4
ORCT	Ortega, Tolima	20.18 121	eP	Pn	09 27 59.4	-0.9
PONC	Cinco Dias	20.18 127	eP	Pn	09 28 01.8	+1.0
GCUF	Guillermo Galera	20.18 131	eP	Pn	09 28 05.0	+0.3
GOGA	Godfrey	20.21 22	P	Pn	09 27 59.2	-1.2
GOGA	Godfrey	20.21 22	Iamb	Iamb	09 28 06.0	
MARP	comp-Z,112nm,0.8s				09 28 00.5	-0.4
W41B	Gary Mavity, V	20.23 1	P	P	09 27 58.7	+0.7
W41B	Gary Mavity, V	20.23 1	Iamb	Iamb	09 28 06.3	
X34A	Smith Ranch, M	20.24 347	P	P	09 28 01.7	+0.9
X34A	Smith Ranch, M	20.24 347	Iamb	Iamb	09 28 06.7	
CRUC	La Cruz	20.25 129	eP	P	09 27 59.9	+1.1
SPBC	San Pablo de B	20.29 115	eP	P	09 27 57.3	-1.7
W39A	W39A	2				

20d 9h

R49A	comp=Z,117nm,1.1s	PcP	PcP	09 32 16.6	-0.7	
KSU1	Kansas State U	24.42	352	P	09 28 40.3	-0.2
KSU1	Kansas State U	24.42	352	P	09 28 39.4	-1.1
KSU1	Kansas State U	24.42	352	I	09 28 58.5	
R50A	Paris	24.43	16	I	09 28 56.4	
V59A	Middlesex	24.43	29	P	09 28 40.8	+0.2
U57A	Blanch	24.50	26	P	09 28 41.6	+0.4
T55A	Pulaski	24.50	23	P	09 28 41.7	+0.4
S53A	Williamson	24.53	20	P	09 28 41.7	+0.2
P40A	Paris	24.59	1	I	09 29 23.9	
T25A	Trinidad	24.60	337	P	09 28 44.7	+2.3
T25A	Trinidad	24.60	337	I	09 29 02.6	
BAUV	El Baul	24.63	101	P	09 28 40.2	-2.4
CBKS	Cedar Bluff	24.71	346	P	09 28 43.9	+0.8
T56A	Rocky Mt	24.72	24	P	09 28 43.5	+0.4
BLA	Blacksburg	24.72	24	P	09 28 43.6	+0.3
BLA	Blacksburg	24.72	24	I	09 29 08.7	
U58A	Oxford	24.81	28	P	09 28 43.9	-0.1
P43A	Skaggs, Pawnee	24.83	5	I	09 29 24.2	
V60A	Jim Taylor Roa	24.90	31	I	09 28 45.2	+0.3
V60A	Jim Taylor Roa	24.90	31	I	09 29 07.7	
S54A	Dingess, Beckl	24.91	21	P	09 28 45.0	-0.1
VWCC	Virginia Weste	24.93	24	P	09 28 45.0	-0.1
VWCC	Virginia Weste	24.93	24	p	09 28 46.1	+0.3
T57A	Hurt	25.01	26	P	09 29 06.2	
P46A	Rosedale	25.10	10	I	09 28 46.9	0.0
U59A	Littleton	25.12	29	P	09 28 47.7	+0.4
R53A	Hurricane	25.18	20	P	09 29 28.9	
R53A	Hurricane	25.18	20	I	09 28 48.0	+0.5
S55A	Lewisburg	25.18	23	P	09 28 52.0	+3.8
V61A	Roper	25.26	32	P	09 28 48.3	0.0
T58A	Grand View Acr	25.27	27	P	09 28 49.1	0.0
P48A	Milroy	25.29	13	I	09 29 21.4	
R54A	Victor	25.37	22	P	09 28 53.2	+3.2
Q51A	Peebles	25.42	17	I	09 28 49.9	-0.2
W18A	Petrified Fore	25.46	79	P	09 28 50.3	+0.3
SJG	San Juan	25.46	24	P	09 28 51.1	+0.6
S56A	Natural Bridge	25.52	30	P	09 28 50.3	+0.3
U60A	Pendleton	25.52	30	P	09 28 51.1	+0.6
P49A	Miami Univ. Ec	25.52	14	P	09 29 24.4	
P49A	Miami Univ. Ec	25.52	14	I	09 28 52.5	+0.9
SDCO	Great Sand Dun	25.55	336	P	09 28 52.6	+0.7
Q52A	Bidwell	25.65	19	P	09 29 47.1	
KSCO	Kaye Sheddok	25.66	342	P	09 28 52.5	+0.1
T59A	Double "B" Far	25.74	28	P	09 28 52.0	-0.5
T59A	Double "B" Far	25.74	28	P	09 28 53.5	
T59A	Double "B" Far	25.74	28	p	09 29 11.6	+0.4
HDIL	Hopedale	25.76	6	p	09 29 20.8	
HDIL	Hopedale	25.76	6	I	09 28 53.4	+0.5
R55A	Marlington	25.78	23	P	09 29 34.9	
R55A	Marlington	25.78	23	I	09 28 52.7	-0.2
S57A	Dark Hollow, R	25.78	25	P	09 28 53.2	+0.2
Q53A	Leroy	25.79	20	P	09 28 53.9	+0.4
N38A	Joes South For	25.85	359	P	09 29 11.6	+0.4
N38A	Joes South For	25.85	359	p	09 28 53.5	
SFIN	Lafayette	25.86	9	P	09 28 54.2	+0.3
P51A	Williamsport	25.90	17	I	09 29 29.6	
P51A	Williamsport	25.90	17	I	09 28 56.9	+1.9
ATAH	Atahualpa	25.94	146	P	09 28 55.3	+0.1
S58A	Poland Farm, P	26.04	27	P	09 29 18.5	
N55A	Poland Farm, P	26.06	355	I	09 28 58.2	+2.1
S22A	4UR Ranch, Cre	26.10	334	P	09 29 16.5	
S22A	4UR Ranch, Cre	26.10	334	I	09 28 55.3	-0.5
Q48A	Farmland	26.11	13	P	09 28 56.4	+0.2
Q54A	Coxs Mill	26.14	21	P	09 29 17.3	
Q54A	Coxs Mills	26.14	21	I	09 28 56.8	+0.5
R56A	Bull Pasture M	26.16	24	P	09 29 31.4	
Q49A	Covington	26.23	14	I	09 28 59.7	+2.0
113A	Mohawk Valley,	26.31	18	P	09 28 58.7	+1.1
P52A	Corning	26.31	18	I	09 29 48.5	
P52A	Corning	26.31	18	I	09 28 59.5	+1.1
P53A	Whipple	26.41	20	P	09 29 19.0	
P53A	Whipple	26.41	20	I	09 28 58.7	+0.1
R58B	Mineral	26.41	27	P	09 29 01.1	+2.4
Q55A	Buckhannon	26.42	22	P	09 28 58.7	+0.1
R57A	Stanardsville	26.42	330	P	09 29 01.2	+2.2
MVCO	Mesa Verde	26.43	330	P	09 29 00.5	+1.6
MVCO	Mesa Verde	26.43	330	p	09 29 16.9	-0.1
MVCO	Mesa Verde	26.43	330	p	09 28 59.4	+0.1
N47A	Urbana	26.60	12	I	09 29 38.1	
ACSO	Alum Creek Sta	26.62	16	P	09 29 20.1	-0.3
ACSO	Alum Creek Sta	26.62	16	I	09 29 00.7	+0.1
R58A	Rapidan	26.64	26	P	09 29 00.9	+0.3
O51A	Pataskala	26.64	17	P	09 29 04.0	+3.0
WUAZ	Wupatki	26.65	324	P	09 29 02.0	+0.5
S60A	Water View	26.75	29	P	09 29 02.6	+0.6
Q56A	Snyder Ridge,	26.79	23	P	09 29 02.0	+0.6

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P54A	Burton	26.82	21	P	09 29 02.3	+0.1
CBN	Corbin Frederi	26.83	27	P	09 29 03.0	+0.7
CBN	Corbin Frederi	26.83	27	I	09 29 03.6	
O52A	Adamsville	26.84	18	P	09 29 03.0	+0.6
O52A	Adamsville	26.84	18	I	09 29 23.1	
R59A	King George, V	26.94	27	P	09 29 04.0	+0.7
P55A	Reedsville	26.96	22	P	09 29 04.5	+1.0
MCWV	Mont Chateau	27.09	22	P	09 29 05.6	+1.0
Q47A	Strasburg	27.09	25	P	09 29 05.1	+0.4
L50A	Anamosa	27.14	2	I	09 29 24.4	
HQIL	Hanson Quarry	27.15	8	P	09 29 05.0	-0.1
HQIL	Hanson Quarry	27.15	8	I	09 29 46.9	
O53A	New Philadelph	27.16	19	P	09 29 05.9	+0.7
O53A	New Philadelph	27.16	19	I	09 29 25.4	
L42A	Oliver, Polo	27.16	5	p	09 29 05.3	+0.1
L42A	Oliver, Polo	27.16	5	p	09 29 22.2	-1.6
L42A	Oliver, Polo	27.16	5	I	09 29 24.3	
PV01	Paradox Valley	27.20	331	I	09 29 47.5	
R60A	Leonardtown, M	27.24	28	P	09 29 06.7	+0.7
Q58A	Fox Den Farm,	27.31	26	P	09 29 05.9	-0.7
P56A	Dayton Farm, R	27.33	23	P	09 29 07.5	+0.8
PV15	Paradox Valley	27.33	332	I	09 29 51.3	
PV02	Paradox Valley	27.34	331	I	09 29 28.0	
O54A	Avella	27.37	20	P	09 29 07.0	-0.1
ISCO	Idol Springs	27.38	338	P	09 29 09.2	+1.6
PV05	Paradox Valley	27.40	331	I	09 29 27.5	
N51A	Ashland	27.42	17	P	09 29 08.2	+0.6
PV03	Paradox Valley	27.43	331	I	09 29 28.5	
PV07	Paradox Valley	27.48	332	I	09 29 29.1	
PDMCI	Parker Dam, Lak	27.50	319	P	09 29 10.5	+2.1
N52A	McGinn's Farm,	27.52	18	P	09 29 08.7	+0.2
PV19	Morning Glory	27.54	331	P	09 29 10.6	+1.7
PV19	Morning Glory	27.54	331	p	09 29 27.3	+0.3
PV19	Morning Glory	27.54	331	I	09 29 28.7	
PV20	West Nyswonger	27.55	331	I	09 29 29.4	
PV22	Blue Mesa, Par	27.63	332	I	09 29 29.6	
P57A	Homestead Farm	27.64	25	P	09 29 10.2	+0.7
PV21	Cone Mtn., Par	27.73	331	I	09 29 30.4	
O55A	Ligonier	27.77	22	P	09 29 10.5	-0.2
L48A	N Adams	27.88	13	I	09 29 14.6	
P58A	Pank, Wackersv	27.93	26	P	09 29 12.7	+0.6
BC3	Big Chickawall	27.97	316	P	09 29 15.0	+2.4
JFWS	Jewell Farm	28.03	4	P	09 29 14.6	+1.6
O56A	Blue Knob Stat	28.09	23	P	09 29 13.6	0.0
Q60A	Greensboro	28.17	28	P	09 29 14.6	+0.3
N54A	Moraine State	28.20	20	P	09 29 14.4	-0.1
M52A	Chesterland	28.29	18	P	09 29 18.3	+2.9
M52A	Chesterland	28.29	18	I	09 29 35.1	
N55A	Marion Center	28.39	22	P	09 29 16.0	-0.3
AAM	Ann Arbor	28.40	14	P	09 29 16.2	0.0
P59A	Jarrettsville	28.41	27	P	09 29 16.5	+0.1
M53A	WI Miller and	28.41	19	P	09 29 16.5	+0.2
M53A	WI Miller and	28.41	19	I	09 30 01.4	
O57A	Amberson	28.41	24	P	09 29 16.4	+0.1
BELC	Belle Mtn. Jos	28.54	316	P	09 29 20.4	+2.6
XPFO	Pion Flat	28.62	315	P	09 29 20.5	+1.9
PFO	Pinyon Flats O	28.62	315	p	09 29 37.5	+0.9
PFO	Pinyon Flats O	28.62	315	p	09 29 21.6	+3.0
PFO	Pinyon Flats O	28.62	315	P	09 29 20.9	+2.4
PFO	Pinyon Flats O	28.62	315	P	09 29 37.8	+1.1
O58A	Lewisberry	28.62	25	P	09 29 18.2	-0.1
PHWY	Pilot Hill	28.66	339	P	09 29 20.1	+1.1
PHWY	Pilot Hill	28.66	339	p	09 29 36.7	+1.0
SSPA	Standing Stone	28.67	24	P	09 29 18.5	-0.2
O20A	White River Ci	28.70	334	P	09 29 21.4	+2.1
O20A	White River Ci	28.70	334	I	09 30 01.3	
N56A	West Decatur	28.76	23	P	09 29 19.4	-0.1
GMRC	Granite Mounta	28.78	318	P	09 29 22.7	+2.7
M54A	Oil Creek Stat	28.80	20	P	09 29 19.7	-0.2
N57A	Milroy	28.91	24	P	09 29 20.7	-0.1
P60A	Greenville	28.92	28	P	09 29 20.9	0.0
ECSD	EROS Data Cent	29.00	354	P	09 29 21.6	0.0
M55A	Ridgway	29.02	22	P	09 29 21.9	-0.4
O59A	Robesonia	29.09	26	P	09 29 22.1	-0.3
M56A	Emporium	29.30	22	P	09 29 23.8	-0.5
N58A	Sunbury	29.31	25	P	09 29 24.0	-0.4
TUQ	Turquoise Moun	29.35	319	P	09 29 27.4	+2.4
O60A	Telford	29.44	27	P	09 29 24.8	-0.7
SHPR	Sheep Range	29.5				

NVAR	comp=Z,2.6nm,0.8s,baz=173,slow=2.4,SNR=5.8	PcP	PcP	09 32 40.5 +1.8	
NVAR	comp=Z,173nm,20.5s,baz=142,slow=38	LR	LR	09 44 04.3	
NVAR	comp=Z,173nm,20.5s,baz=142,slow=38	LR	LR	09 29 57.3 +2.7	
NVAR	comp=Z,173nm,20.5s,baz=142,slow=38	LR	LR	09 29 54.4 +0.1	
F51A	Arnstein	32.74	16	P	09 29 57.4 +3.0
K62A	Royalston	32.74	28	P	09 29 54.4 -0.1
F52A	Sundridge	32.78	17	P	09 29 54.3 -0.6
G54A	Lake Saint Pet	32.79	19	P	09 29 54.8 -0.2
L64A	Middleborough	32.84	31	P	09 29 55.8 +0.4
H57A	Richville	32.90	23	P	09 29 55.5 -0.4
HRV	Adam Dzewonsk	32.93	29	P	09 29 55.9 -0.3
I59A	Newsteadville	32.94	25	P	09 29 55.8 -0.5
NCB	Olmcamp	32.94	25	Iamb	09 30 17.3
RYN	Ryan	32.97	321	Iamb	09 30 17.7
KVN	Kaiserville	32.98	322	Iamb	09 30 18.3
E50A	Wahnapiatae	32.98	15	P	09 29 56.5 -0.1
FLWY	Flagg Ranch	33.00	336	P	09 29 57.9 +0.8
FLWY	Flagg Ranch	33.00	336	P	09 30 15.7 +0.2
D47A	Chapleau	33.05	12	P	09 29 59.9 +2.7
G55A	Calabogie	33.11	21	P	09 29 57.3 -0.4
J61A	Chester	33.14	27	P	09 29 57.8 -0.2
H17A	Grant Village	33.22	336	P	09 30 01.7 +2.7
H17A	Grant Village	33.22	336	Iamb	09 30 42.2
I60A	Shoreham	33.22	26	P	09 29 58.4 -0.3
ALGO	Algonquin Park	33.30	18	P	09 29 58.6 -0.8
H58A	Gabriels	33.33	24	P	09 29 58.9 -0.8
LONY	Lake Ozonia	33.34	24	P	09 29 59.3 -0.5
LONY	Lake Ozonia	33.34	24	Iamb	09 29 59.7
J62A	Henniker	33.37	28	P	09 30 00.3 +0.2
E51A	G1948 Merrick	33.41	16	P	09 30 00.0 -0.3
E52A	Mattawa	33.42	18	P	09 30 00.1 -0.3
MDND	Maddock	33.42	351	P	09 30 00.2 -0.2
D48A	Paudash Townsh	33.43	13	P	09 29 60.0 -0.6
WAKR	Walker	33.45	320	Iamb	09 30 22.2
AGMN	Agassiz Nation	33.46	356	P	09 30 00.4 -0.4
G57A	Newington	33.60	23	P	09 30 01.5 -0.4
YMR	Madison River	33.60	336	P	09 30 04.9 +2.6
H59A	Cadyville	33.71	24	P	09 30 02.5 -0.5
F55A	Otter Lake	33.74	20	P	09 30 03.0 -0.2
J63A	Stratford	33.75	29	P	09 30 03.1 -0.2
E53A	Dumoine, Ponti	33.80	19	P	09 30 03.3 -0.4
D50A	G1974 Best Tow	33.90	16	P	09 30 03.7 -0.9
PNTR	Pine Nut	33.91	321	Iamb	09 30 26.7
E54A	Lac Duplat, Po	34.00	19	P	09 30 04.9 -0.5
H60A	Morristown	34.05	26	P	09 30 05.1 -0.8
GCMT	Greycliff	34.06	338	P	09 30 07.4 +1.2
GCMT	Greycliff	34.06	338	P	09 30 24.0 -0.6
VCNR	Virginia City	34.07	321	Iamb	09 30 27.3
I62A	Tamworth	34.09	28	P	09 30 05.9 -0.4
I62A	Tamworth	34.09	28	P	09 30 25.6 +0.4
I62A	Tamworth	34.09	28	Iamb	09 30 27.1
D52A	ZEK Kipawa Sen	34.12	17	P	09 30 06.3 -0.2
HLID	Hailey	34.20	331	P	09 30 09.4 +2.0
HLID	Hailey	34.20	331	Iamb	09 30 27.9
G59A	Clarenceville	34.28	25	P	09 30 07.3 -0.5
H61A	Lyndonville	34.36	26	P	09 30 08.5 -0.1
E55A	Montcer-Lytto	34.38	20	P	09 30 08.3 -0.4
D53A	Lac Vavie, Po	34.42	18	P	09 30 09.3 +0.2
D53A	Lac Vavie, Po	34.42	18	Iamb	09 30 29.7
I63A	Otisfield	34.58	28	P	09 30 10.0 -0.5
I63A	Otisfield	34.58	28	Iamb	09 30 31.2
BOZ	Bozeman (W)	34.63	336	P	09 30 13.2 +2.1
G60A	Masonville	34.64	25	P	09 30 10.5 -0.6
MFID	Camas Ranch	34.77	330	Iamb	09 30 34.1
D54A	Lac Fusel, La	34.80	19	P	09 30 11.8 -0.6
E56A	St. Veronique	34.81	21	P	09 30 12.1 -0.3
DLMT	Dillon	34.83	335	Iamb	09 30 33.4
DGMT	Dagmar	34.88	346	P	09 30 14.9 +1.8
DGMT	Dagmar	34.88	346	P	09 30 13.3 +0.2
DGMT	Dagmar	34.88	346	Iamb	09 30 58.0
I64A	Boothbay	34.92	29	P	09 30 13.4 0.0
E57A	Chemin Saint G	35.02	22	P	09 30 14.4 +0.1
D55A	Sainte-Anne-du	35.07	20	P	09 30 14.3 -0.5
G61A	St-Isidore-de-	35.12	26	P	09 30 14.2 -1.0
H63A	New Sharon	35.30	28	P	09 30 16.4 -0.2
E58A	La Victoria	35.31	23	P	09 30 16.1 -0.6
D56A	ZEC Mazanza, M	35.34	21	P	09 30 16.3 -0.7
WVL	Waterville	35.40	29	Iamb	09 30 37.8
ULM	Lac du Bonnet	35.41	356	P	09 30 16.6 -1.0
ULM	Lac du Bonnet	35.41	356	LR	09 48 08.0
F60A	Warwick	35.50	25	P	09 30 17.7 -0.7
G62A	West of Eustis	35.51	27	P	09 30 17.8 -0.7
G62A	West of Eustis	35.51	27	P	09 30 17.4 -1.0
G62A	West of Eustis	35.51	27	P	09 30 37.3 -0.1
G62A	West of Eustis	35.51	27	Iamb	09 30 39.3
WVOR	Wild Horse Val	35.52	326	Iamb	09 30 38.9
D57A	Chemin Vers le	35.63	22	P	09 30 19.0 -0.5
H64A	Troy	35.66	29	P	09 30 19.3 -0.4
PTGA	Pitanga	35.71	113	P	09 30 19.5 -1.1

PTGA	Pitanga	35.71	113	eP	P	09 30 19.7 -0.9
PTGA	Pitanga	35.71	113	eP	P	09 30 40.9 +1.8
G63A	Kingsbury	35.83	28	P	P	09 30 20.7 -0.6
EGMT	Eagleton	36.03	340	P	P	09 30 24.7 +1.7
EGMT	Eagleton	36.03	340	Iamb	Iamb	09 30 42.6
E60A	Ste Agathe de	36.03	25	P	P	09 30 21.9 -1.0
D58A	Chemin du LacG	36.06	23	P	P	09 30 22.7 -0.6
MOD	Modoc Plateau	36.10	324	Iamb	Iamb	09 30 43.4
PKME	Peaks-Kenny Pk	36.10	28	P	P	09 30 22.6 -0.9
PKME	Peaks-Kenny Pk	36.10	28	Iamb	Iamb	09 30 43.6
H65A	Eastbrook	36.16	30	P	P	09 30 23.5 -0.6
MACA	Manacapuru-AM	36.24	117	eP	P	09 30 24.5 -0.7
MACA	Manacapuru-AM	36.24	117	eP	P	09 30 43.9 +0.3
F62A	Pittsford Farm,	36.28	27	P	P	09 30 24.4 -0.7
G64A	Maxfield	36.34	29	P	P	09 30 24.6 -0.9
LATQ	La Tuque	36.34	23	P	P	09 30 25.1 -0.4
LSQO	Lebel-sur-Quev	36.41	17	P	P	09 30 26.0 -0.2
E61A	Lac Etchemin	36.48	26	P	P	09 30 26.3 -0.4
F63A	Nahmakanta, Br	36.52	28	P	P	09 30 26.4 -0.7
BMO	Blue Mountains	36.54	330	Iamb	Iamb	09 30 46.4
EMMW	East Machias	36.55	30	P	P	09 30 27.0 -0.4
EMMW	East Machias	36.55	30	P	P	09 30 46.9 +0.3
EMMW	East Machias	36.55	30	Iamb	Iamb	09 30 48.3
MSO	Missoula	36.56	335	P	P	09 30 29.1 +1.5
MSO	Missoula	36.56	335	Iamb	Iamb	09 31 08.0
H66A	Whiting	36.68	30	P	P	09 30 27.9 -0.5
D60A	Saint-Jean D'O	36.68	25	P	P	09 30 27.7 -0.7
G65A	Princeton	36.86	30	P	P	09 30 29.6 -0.4
G65A	Princeton	36.86	30	Iamb	Iamb	09 30 50.8
MATQ	Matagami	36.86	16	P	P	09 30 29.6 -0.4
M04C	Macdoel	36.91	322	P	P	09 30 33.2 +2.5
F64A	Sherman	36.98	28	P	P	09 30 30.2 -0.8
F64A	Sherman	36.98	28	P	P	09 30 29.9 -1.1
F64A	Sherman	36.98	28	P	P	09 30 49.1 -0.9
E62A	Clayton Lake	37.04	27	P	P	09 30 30.8 -0.7
I07A	Izee	37.11	327	Iamb	Iamb	09 30 51.7
D61A	St Aubert, Com	37.22	25	P	P	09 30 32.5 -0.5
E63A	Oxbow	37.37	28	P	P	09 30 33.6 -0.7
E63A	Oxbow	37.37	28	P	P	09 30 33.1 -1.2
E63A	Oxbow	37.37	28	P	P	09 30 53.7 +0.3
E63A	Oxbow	37.37	28	Iamb	Iamb	09 30 55.0
D62A	Allapoint, All	37.60	26	P	P	09 30 35.7 -0.5
D62A	Allapoint, All	37.60	26	Iamb	Iamb	09 30 57.0
E64A	Bridgewater	37.64	28	P	P	09 30 35.9 -0.7
G08A	Pilot Rock	37.67	329	P	P	09 30 36.6 -0.4
POI	Presque Isle	37.74	28	Iamb	Iamb	09 30 57.4
CHGQ	Chibougamau	37.95	19	P	P	09 30 38.4 -0.7
J04D	Umpqua Nationa	37.98	324	P	P	09 30 42.1 +2.4
D63A	Stockholm	37.98	27	P	P	09 30 38.6 -0.8
E09A	Wood Farm, Sta	38.16	331	Iamb	Iamb	09 31 00.7
I05D	Terrebonne, OR	38.26	326	P	P	09 30 44.1 +2.2
I04A	Tendick Farm,	38.50	325	P	P	09 30 45.6 +1.7
HAWA	Hanford	38.74	330	P	P	09 30 46.1 +0.3
HAWA	Hanford	38.74	330	P	P	09 31 03.6 -0.9
G05D	Wamic, OR	38.84	327	P	P	09 30 49.7 +2.9
NEW	Newport	39.02	334	P	P	09 30 48.8 +0.6
NEW	Newport	39.02	334	P	P	09 30 49.1 +0.8
NEW	Newport	39.02	334	P	P	09 31 05.9 -1.1
H04D	Lebanon	39.14	325	P	P	09 30 50.7 +1.5
C09A	Chrisman Ranch	39.17	332	P	P	09 30 50.7 +1.2
C09A	Chrisman Ranch	39.17	332	P	P	09 31 07.9 -0.3
C09A	Chrisman Ranch	39.17	332	Iamb	Iamb	09 31 08.8
C09A	Chrisman Ranch	39.20	141	P	P	09 32 58.6 +1.2
LPAZ	La Paz	39.20	141	P	P	09 30 50.4 -0.3
LPAZ	La Paz	39.20	141	P	P	09 31 09.7 +0.3
LPAZ	La Paz	39.20	141	LR	LR	09 47 12.4
LPAZ	La Paz	39.20	141	P	P	09 30 49.4 -1.3
LPAZ	La Paz	39.20	141	P	P	09 31 10.0 +0.7
LPAZ	La Paz	39.20	141	P	P	09 30 53.7 +2.8
I02D	Swissmore	39.50	324	P	P	09 30 54.5 +2.3
PB12	IPOC Station P	39.79	146	Iamb	Iamb	09 30 56.2
G03D	McMinville, O	39.87	326	P	P	09 30 57.0 +1.7
LTY	Liberty	39.90	330	Iamb	Iamb	09 31 15.3
PB16	IPOC Station P	40.01	145	Iamb	Iamb	09 30 59.5
B08A	Colville Reser	40.07	332	P	P	09 31 57.5 +0.5
LON	Longmire	40.11	329	Iamb	Iamb	09 30 20.1
E04D	Cinebar	40.37	328	P	P	09 31 00.4 +1.0
D05A	Enunclaw	40.50	329	Iamb	Iamb	09 31 20.8
MNMC	Minyie Minye	40.61	146	P	P	09 31 02.0 +0.1
MNMC	Minyie Minye	40.61	146	P	P	09 31 21.9 +1.1
E03A	Lebam	40.88	327	P	P	09 31 04.7 +1.1
E03A	Lebam	40.88	327	Iamb	Iamb	09 31 59.4
PB11	IPOC Station P	41.09	146	P	P	09 31 06.0 +0.2
PB11	IPOC Station P	41.09	146	Iamb	Iamb	09 31 07.1
PB11	IPOC Station P	41.09	146	P	P	09 31 25.1 +0.6
B06A	Marblemont	41.18	331	Iamb	Iamb	09 31 08.0
G001	Chusmiza	41.26	146	Iamb	Iamb	09 31 09.7
D03D	Eldon	41.29	328	P	P	09 31 08.0 +1.1
B05A	Bryant	41.29	330	P	P	09 31 07.8 +0.9
TA01	Diego Aracena	41.47	148	P	P	09 31 09.4 +0.7
TA01	Diego Aracena	41.47	148	Iamb	Iamb	09 31 10.3
NLWA	Neilton Loucks	41.59	328	P	P	09 31 11.4 +1.9
NLWA	Neilton Loucks	41.59	328	P	P	09 31 28.5 +0.2
NLWA	Neilton Loucks	41.59	328	Iamb	Iamb	09 31 29.7
PATCX	Punta Patache	41.70	148	Iamb	Iamb	09 31 12.2
A04D	Lummi Island	41.90	330	P	P	09 31 13.9 +2.0
WILB	Vilhena	42.26	129	eP	P	09 31 14.7 -0.6
WILB	Vilhena	42.26	129	eP	P	09 31 34.2 +0.1
PB07	IPOC Station P	42.59	148	Iamb	Iamb	09 31 19.5

NPGB	Novo Progresso	42.77	11
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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like COLD Coldfoot, TOLK Toolik Lake Re, PPT Papeete, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EKA Eskdalemuir Ar, TORD Torodi Ar, ARCES ARCESS Array B, etc.

IDC 20 09:38:23.9.2.5.51:55N x 179:95W, h0km, mb3.3/5, mb1.3/8.7, mb1mx3.5/56, mbtm3.3/57, ML3.7/2, Error ellipse: s-maj=60.8km s-min=38.4km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ADK Adak, GSTD Great Sitkin T, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BPWA Bear Paw Mtn, IMAR Indian Mountai, ILAR Eielson Array, etc.

DDA 20 09:43:21.5, 36:27N-35:60E, h7km-4km, ML2.6 ISK 20 09:43:22.8, 36:37N-35:65E, h25km, ML2.8/21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRTS Karatas, YAYL Yayladag, YURE YUREGIR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANLI Anadoluhisari, EREN Erenkoy, CMRD Camardi-Nigde, etc.

MEG 20 09:44:02.41:42N-79:23E, h10km KRNET 20 09:44:41.8.0.1.41:49N:79:14E, h12km, mb3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TARG Taragay, KYRG Kyrgyzstan, PRZ Przhval'sk, etc.

Table with columns: KDJ, Kajsay, 1.48 293j, eP, Pn, 09 45 11.5 -1.2, UCH, Uchter, baz=84, 3.42 283j, iP, Pn, 09 45 40.4 +0.8, etc.

Table with columns: UCH, Uchter, baz=84, 3.42 283j, iP, Pn, 09 45 40.4 +0.8, TDK, Taldygorghan, 59nm,0.4s, 3.46 353 eP, Pb, 09 45 47.6 +0.4, etc.

Table with columns: WRA, Warramunga Arr, 43.81 262 P, P, 02 02 44.0 -0.5, QSPA, South Pole Qui, 69.34 180 P, P, 02 05 38.3 -0.1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAV Davao City (W), DAV 64nm 0.3s, DAV 64nm City (W), BUKP Musuan, etc.

GUC 20 10:56:06.7-0.7, 19:15S:69:08W, h121km, 2km, ML3.8
IDC 20 10:56:07.3-1.1, 19:20S:68:71W, h128km, 10km, mb3.6/4,
mb1 3.77, mb1mx3.4/34, mbtmp4.0/7, Error ellipse: s-maj=33.0km s-min=8.9km az=99.0

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

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

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

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

NEIC 20 11:01:20.3-1.2, 13:05S:01:168:9E:0.1, h621km, 5km,
mb4.1/23, Error ellipse: s-maj=20.0km s-min=16.7km,
az=137.0

IDC 20 11:01:23.8-2.7, 13:04S:168:78E, h667km, 36km,
mb3.2/10, mb1 3.4/10, mb1mx3.0/41, mbtmp4.2/10, Error
ellipse: s-maj=37.1km s-min=13.1km az=138.0

ISC 20 11:01:20.6-0.6, 13:05S:01:168:88E:0.09, h625km, n45,
o:999/48, mb4.1/20, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANVU Sarautout, SANVU, DZM Mont Dzumac, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, USRK Ussurysk Arr, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songino Array, SCM Sheep Creek Mo, RND Reindeer, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BALM Baidy, ILAR Indian Mountain, WCR Clear Creek Bu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 20 11:31:53.9, 34:43N:136:52E, h386km, M2.7, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNBA Chernabura Isl, KDAD Kodiak Island, KDAC 5.1nm, 0.3s, etc.

IDC 20 12:10:05.9-0.7, 20:57S:168:94E, h0km, mb4.4/18,
mb1 4.5/20, mb1mx4.4/34, mbtmp4.4/20, ML4.1/2, MS4.3/17,
MS4.3/17, mb1mx4.1/27, Error ellipse: s-maj=20.6km
s-min=15.0km az=126.0

NEIC 20 12:12:2.6, 20:51S:01:168:87E:0.09, h433km, 4km,
mb4.8/52, Error ellipse: s-maj=12.9km s-min=8.2km,
az=120.0

BUI 12:10:13.0-0.0, 20:40S:168:80E, h40km, mb5.1/23,
mb4.8/31, Ms4.9/6, Ms7.4/71

GCMT 12:10:14.2-0.2, 20:60S:01:168:69E:0.01, h27km,
MMV5:2/107, Moment Tensor Solution. s80, c122:
h07, c162; Duration: 0 Moment tensor: Scale 10^16Nm;
M5.01e-17; Mw=0.70e-12; Mb=4.31e-11; Mo=1.77e-23;
Ms=2.23e-07; Mn=4.02e-20; Best double couple:
M2: 8.0100e+1016 NP: 333.0000e+325.0000e+
1.88.0000e+0. NP2a: 156.0000e+865.0000e+1.91.0000e+0.
Principal axes: T 6.6200, P1g70.0000, Azm68.0000; N
0.3560, P1g1.0000, Azm235.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 20 12:10:11.2-0.4, 20:54S:01:168:83E:0.06, h31km, n169,
a:1927/159, mb4.8/50, MS4.3/20, L20, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 130nm, 0.3s, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAN Canberra, PMG Port Moresby, PMG Port Moresby, etc.

2014 JUL

20d 12h

Table of astronomical observations for 20 days in July, including station names, coordinates, and observation times.

Table of astronomical observations for 20 days in July, including station names, coordinates, and observation times.

Table of astronomical observations for 20 days in July, including station names, coordinates, and observation times.

SNET 20 12:18:51.2, 1.0, 12.85N:90.33W, h14km, 7km, ML3.6
UCR 20 12:18:51.6, 1.0, 12.89N:90.35W, h19km, 7km, ML3.5
GCG 20 12:18:55.8, 0.6, 13.16N:90.23W, h7km, 45km, MD3.8
IDC 20 12:18:59.1, 2.6, 13.12N:89.89W, h86km, 25km, mb3.3/5,
mb 3.8/6, mb1mx3.4/9, mbtmp3.7/8, MS2.9/2, Ms 1.3/0.2,
ms1mx2.5/2.2, Error ellipse: s-maj=45.0km s-min=24.4km
baz=29.0

ISC 20 12:18:51.1-1.1, 1.284N:0.07-0.31W, 0.05, h02km, n53,
s136/56, mb3.6/4, 10Z-3D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their observation details.

IDC 20 12:20:39.1, 2.0, 7.53N:136.75E, h0km, mb3.8/5,
mb1 3.9/5, mb1mx3.6/43, mbtmp3.8/5, Error ellipse:
s-maj=88.8km s-min=28.7km s-az=85.0, Western Caroline
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their observation details.

Table of astronomical observations for 20d 14h, listing objects like CUGUR Gurin, SVAS, SIM Simferopol, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2014 JUL, listing objects like ARU, HFS, KONO, NB2, NOA, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 1000, listing objects like SMPI, GUMO, GUMO, etc., with columns for name, coordinates, magnitude, and other parameters.

ISC 20 14:10:37.8±0.5, 7.48N; 136°89E, h0km, mb4.5/32, mb1 4.6/34, mb1mx4.4/49, mbtmp4.5/34, ML2.5/1, MS4.4/38, Ms1 4.4/38, ms1mx4.3/47, Error ellipse: s-maj=19.7km s-min=9.7km az=84.0

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like NUJ, H11S3, KSAR, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like GTA, SHL, SOMN, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like AREO, MAW, YKA, etc.

Mt 1.9/16, ms1mx3.7/31, Error ellipse: s-maj=23.2km s-min=21.2km az=75.0

NEIC 20 15:16:49.0, 1.1, 34.8S, 0.1:179.2W, 0.1, h10km, 1km, mb4.5/14, Error ellipse: s-maj=20.2km s-min=17.5km az=79.0

ISC 20 15:16:53.0, 0.7, 35.05S, 0.07:179.1W, 0.1, h42km, n77, s156/66, mb4.5/13, MS3.8/18, 1C, East of North Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

mb4.5/15 ISC 20 15:24:14.5, 0.4, 4.83S, 0.05:144.93E, 0.06, h100km, n127, s125/131, mb4.6/38, 1C, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

MSWZ Moikau Station 45.41 148 P P 15 23 29.0 +6 BFZ Birch Farm 45.44 146 P P 15 23 24.3 +0.8

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

IDC 20 15:46:09.0, 1.9, 2.14N, 127.95E, h0km, mb3.7/4, ms1.9/9, mb1mx3.4/37, mbmp3.7/4, Error ellipse: s-maj=141.6km s-min=23.5km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

VIE 20 15:55:12.8, 0.5, 43.34N, 13.20E, h20km, mb2.2/6, ml2/8.6, Error ellipse: s-maj=22.9km s-min=4.0km az=84.0 87 km SE of San Marino

ROM 20 15:55:18.1, 0.1, 43.81N, 0:008:12.941E:0.009, 19km, ML2.6/38, Error ellipse: s-maj=0.8km s-min=0.4km az=23.0

LDG 20 15:55:18.2, 0.1, 43.79N, 13:00E, h10km, ml2.8, Error ellipse: s-maj=4.3km s-min=2.6km az=65.0

ISC 20 15:55:18.6, 0.8, 43.79N, 0:02:12.93E:0.02, h18km, 2km, n83, s152/116, Central Italy

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

IDC 20 15:24:14.8, 0.5, 4.78S, 144.93E, h104km, 5km, mb4.1/22, mb1.4/2.7, mb1mx4.1/36, mbmp4.5/27, MS3.2/5

Mt 1.9/2.5, ms1mx2.8/33, Error ellipse: s-maj=12.1km s-min=8.8km az=68.0

NEIC 20 15:24:14.7, 1.9, 4.80S, 0.05:144.92E:0.05, h102km, 6km, mb4.9/52, Error ellipse: s-maj=8.7km s-min=5.9km az=131.0

DJA 20 15:24:15.6, 1.4, 5.2S, 20:14.5E:2.0, h82km, 1.7km, M4.9/7, mb5.0/7, mb5.3/3, MLV4.8/5, Mw(mb)4.7/3

BUI 20 15:24:16.0, 0.0, 4.78S, 144.26E, h93km, mb5.0/11, mb1.4/2.7, mb1mx4.1/36, mbmp4.5/27, MS3.2/5

Mt 1.9/2.5, ms1mx2.8/33, Error ellipse: s-maj=12.1km s-min=8.8km az=68.0

NEIC 20 15:24:14.7, 1.9, 4.80S, 0.05:144.92E:0.05, h102km, 6km, mb4.9/52, Error ellipse: s-maj=8.7km s-min=5.9km az=131.0

DJA 20 15:24:15.6, 1.4, 5.2S, 20:14.5E:2.0, h82km, 1.7km, M4.9/7, mb5.0/7, mb5.3/3, MLV4.8/5, Mw(mb)4.7/3

IDC 20 15:24:14.8, 0.5, 4.78S, 144.93E, h104km, 5km, mb4.1/22, mb1.4/2.7, mb1mx4.1/36, mbmp4.5/27, MS3.2/5

Mt 1.9/2.5, ms1mx2.8/33, Error ellipse: s-maj=12.1km s-min=8.8km az=68.0

NEIC 20 15:24:14.7, 1.9, 4.80S, 0.05:144.92E:0.05, h102km, 6km, mb4.9/52, Error ellipse: s-maj=8.7km s-min=5.9km az=131.0

DJA 20 15:24:15.6, 1.4, 5.2S, 20:14.5E:2.0, h82km, 1.7km, M4.9/7, mb5.0/7, mb5.3/3, MLV4.8/5, Mw(mb)4.7/3

20d 17h

Table with columns for station name, coordinates, and various parameters. Includes stations like MPAG, SENI, ARVD, FRON, PE3, SSFR, RSM, PIEI, CPGN, CING, PCRO, ELB, ATFO, FOSV, ATPI, PARC, SNTG, AOI, AVT, MURB, CDCA, SSP9, ATCC, ATCC, ATMI, CSF1, FDMO, ASSB, ASSB, CESI, CESI, CESI.

2014 JUL

Table with columns for station name, coordinates, and various parameters. Includes stations like SFI, ASQU, CAFI, LMD, MGAB, BRIS, LNNS, SMA1, FIAM, DUGI, NVLJ, FAGN, RIV, ZIRJ, MORI, UDDBI, SABO, SABO, CTI, KLUV, MAGA, MAGA, HVAR, MYKA, KOSI, KOSI, KOSI, SGRT, SGRT, OBKA, ABTA, ABTA, MAKKA, MAKKA, MISAG, MISAG, ABSI, ABSI, ABSI, KBA, FETA, WTTA, STON, STON, WATA, MOTI, FUSIO, MOA, MOA, RRL, CONA, CABF, CABF, HINF, HINF, CDF, CDF, HAU, HAU, MORC, MORC, PAGF, PAGF, LOR, LOR.

1004

Table with columns for station name, coordinates, and various parameters. Includes stations like RAR, WRAB, WRA, AS31, ASAR, ASAR, FITZ, GERES, IDC, ISC, TRF, TRF, MCK, MCK, RND, RND, BPAW, WAT2, WAT2, WAT7, WAT7, CAST, WAT1, NEA2, NEA2, CHUM, WRH, CUT, CULA, PPLA, DHY, DHY, CCB, WAT6, MLY, MDA, MDM, TCOL, TCOL, COLLEGE, SKT, IL3, ILAR, ILAR, POKR, PS10, GHO, SML, PALMER, PAX, SCM, STLK, KNK, MCCG, SPNN, DOT, KLU, TOTO, PWL, BCO3, IMAR, CAPN, JPK, GLL, GLL, RDM, RDM, DRF, FID, RDWB, RSO, RSO, GEW, GLB, HIN, EYAK, COLD, BCO3, BCAR, VRED, BRK, BRSE, EGAK, EGAK, RAGM, HMT, HMT, PTPK, BERG, GLL, TGI, NICH, BMO3, KIAG, KIAG, KAIM, YUK2, SUCK, ISLE, DAWY, YUK3, BARK, SNI, CTGM, BAGL, LOGN, YAH, YAH, MESA, PCA, KDKA, EPYK, YHT, YHT, PDAR, TXAR, TXAR.

ASRS 20 17:08:06.20,3.53°N,2°9'25"E, h1km, MLh3.5/12, smi.org, gzf-potsdam.de/geofon/LOCSAT earthModelID smi.org/gzfpotsdam.de/geofon/iasp91 confirmed NNC 20 17:08:25.2,2.9,52.92°N,90.51°E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=24.2km s-min=21.9km az=51.0, Suspected Mining explosion. ISC 20 17:08:06.20,0.8,53.02°N,0.03,91.90°E,0.03,h0km,n20, c1954/29,3C-8D, Southwestern Siberia

20d 18h

Table with columns for station code, frequency, power, and other technical details. Includes stations like YSS, JAB, ERM, etc.

2014 JUL

Table with columns for station code, frequency, power, and other technical details. Includes stations like TEY, JNS, ASAK, etc.

1006

Table with columns for station code, frequency, power, and other technical details. Includes stations like MJAR, JYU, JNG, etc.

20d 18h

2014 JUL

1008

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like COLD Coldfoot, Q22K Cooper Landing, TOLK Toolik Lake Re, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, BARN, MESA, YAH, CTGM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DLBC, SATY, SATY, SATY, etc.

1009

Table with columns: Station Name, Frequency, Power, Class, and other details. Includes stations like DANN Dangsing, NOR Nord, KOLN Port Moresby, etc.

2014 JUL

Table with columns: Station Name, Frequency, Power, Class, and other details. Includes stations like A04D Lummi Island, NLWA Neilton Lookou, NIL Nilore, etc.

20d 18h

Table with columns: Station Name, Frequency, Power, Class, and other details. Includes stations like TRO comp=Z,8µm,2.1s, KLMM Klimovskoe, etc.

20d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOBA, NBB08, SRSP, LEM, WVR, etc.

2014 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKHT, WRAB, WRA, WRR, etc.

1010

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFJD, Kangerlussuaq, SBC, ISA, etc.

20d 18h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WSAR Wadi Sarin, SDCO Great Sand Dun, RGN Rugen, etc.

2014 JUL

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ANMO Albuquerque, BSEB Bad Segeberg, BURAR Bucovina Array, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KECS Kecovo, TSCOT Konstana Port, MORC Moravsky Berou, etc.

ACSO	Alum Creek Sta	83.58	37	P	P	18 45 08.9 +0.3
ACSO	Alum Creek Sta	83.58	37	Iamb	Iamb	18 45 10.9
PAE	Paea	83.59 122	eP	P	P	18 45 09.0 +0.3
PAE	Paea	83.59 122	eT	T	T	20 17 20.8
G61A	St-Isidore-de-	83.62 27	P	P	P	18 45 09.4 +0.8
TIAR	Tiarei	83.65 122	eP	P	P	18 45 09.7 +0.7
TIAR	Tiarei	83.65 122	eT	T	T	20 17 25.5
N52A	McGinn's Farm,	83.65 36	P	P	P	18 45 09.1 +0.2
J57A	Williamstown	83.70 31	P	P	P	18 45 09.8 -0.1
J57A	Williamstown	83.70 31	Iamb	Iamb	Iamb	18 45 12.0
435B	Jarrell	83.70 52	P	P	P	18 45 09.6 +0.3
WCI	Wyandotte Cave	83.73 40	P	P	P	18 45 10.3 +1.0
WCI	Wyandotte Cave	83.73 40	P	P	P	18 45 09.8 +0.5
WCI	Wyandotte Cave	83.73 40	P	P	P	18 45 10.3 +1.0
WCI	Wyandotte Cave	83.73 40	P	P	P	18 45 12.0
LKR	Lokris	83.74 320	P	P	P	18 45 08.9 -0.5
E64A	Bridgewater	83.75 24	P	P	P	18 45 09.6 +0.3
DION	Dionisios Attik	83.77 319	P	P	P	18 45 09.2 -0.4
K56A	Middlesex	83.81 32	P	P	P	18 45 09.8 +0.1
O51A	Patakala	83.81 37	P	P	P	18 45 10.0 +0.3
L55A	Hinsdale	83.82 33	P	P	P	18 45 09.9 +0.1
APE	Apeiranthos	83.83 318	P	P	P	18 45 09.1 -0.8
APE	Apeiranthos	83.83 318	P	P	P	18 45 09.0 -0.8
APE	Apeiranthos	83.83 318	P	P	P	18 45 09.0 -0.8
APE	Apeiranthos	83.83 318	P	P	P	18 45 09.0 -0.8
I58A	Old Forge	83.83 30	P	P	P	18 45 09.5 -0.2
PTL	Penteli	83.83 319	P	P	P	18 45 09.2 -0.7
AMGA	Amorgos Island	83.84 317	P	P	P	18 45 09.4 -0.5
NCB	Newcomb	83.85 30	Iamb	Iamb	Iamb	18 45 12.0
H60A	Morristown	83.86 28	P	P	P	18 45 10.3 +0.3
TVO	Taravao	83.88 122	eP	T	T	20 17 41.8
TVO	Taravao	83.88 122	eT	T	T	20 17 41.8
M54A	Oil Creek Stat	83.90 34	P	P	P	18 45 10.5 +0.3
ATHU	Athens Univer	83.93 319	P	P	P	18 45 09.7 -0.7
WLAR	White Oak Lake	83.94 48	Iamb	Iamb	Iamb	18 45 13.1
ATH	Athens Observa	83.96 319	P	P	P	18 45 09.6 -0.9
G62A	West of Eustis	84.00 27	P	P	P	18 45 11.3 +0.8
J58A	Remsen	84.01 31	P	P	P	18 45 10.6 0.0
J58A	Remsen	84.01 31	Iamb	Iamb	Iamb	18 45 12.7
F63A	Nahmakanta, Br	84.01 26	P	P	P	18 45 11.1 +0.5
F63A	Nahmakanta, Br	84.01 26	Iamb	Iamb	Iamb	18 45 13.2
N53A	Lisbon	84.01 36	P	P	P	18 45 11.2 +0.4
H06N1	SOCORRO T-PHAS	84.01 70	T	T	T	20 18 56.7
VLY	Waterbury	84.02 319	P	P	P	18 45 09.9 -0.9
WT1	Voula, Athens	84.05 29	Iamb	Iamb	Iamb	18 45 13.4
EVR	Ervrytania	84.06 321	P	P	P	18 45 11.0 -0.1
SRN	Sarande	84.06 323	P	P	P	18 45 11.1 +0.1
K57A	Sciopio Center	84.09 32	P	P	P	18 45 11.0 0.0
F64A	Sherman	84.10 25	P	P	P	18 45 11.4 +0.3
F64A	Sherman	84.10 25	Iamb	Iamb	Iamb	18 45 13.4
PROD	Prodromos	84.10 320	P	P	P	18 45 10.1 -1.1
H06E1	SOCORRO T-PHAS	84.11 70	T	T	T	20 18 48.9
I59A	Olmsteadville	84.13 30	P	P	P	18 45 11.3 +0.1
VLC	Villacollemand	84.14 331	Iamb	Iamb	Iamb	18 45 14.8
H61A	Lyndonville	84.15 28	P	P	P	18 45 12.2 +0.9
DSF	Desfina	84.15 320	P	P	P	18 45 10.5 -1.0
P51A	Williamsport	84.17 38	P	P	P	18 45 11.6 +0.1
P51A	Williamsport	84.17 38	Iamb	Iamb	Iamb	18 45 14.2
O52A	Adamsville	84.17 37	P	P	P	18 45 11.8 +0.3
O52A	Adamsville	84.17 37	Iamb	Iamb	Iamb	18 45 13.9
J59A	Piesco	84.19 30	P	P	P	18 45 11.6 0.0
J59A	Piesco	84.19 30	Iamb	Iamb	Iamb	18 45 13.6
R49A	Shelbyville	84.20 40	Iamb	Iamb	Iamb	18 45 14.5
L56A	Greenwood	84.20 33	P	P	P	18 45 11.9 +0.2
IGT	Igoumitis	84.21 322	P	P	P	18 45 11.3 -0.4
IOSP	ios island	84.22 318	P	P	P	18 45 09.9 -1.9
N54A	Moraine State	84.23 35	P	P	P	18 45 12.4 +0.5
KARP	Karpathos	84.24 316	P	P	P	18 45 11.9 -0.1
SGRT	San Giovanni R	84.24 327	Iamb	Iamb	Iamb	18 45 14.3
LTK	Loutrak	84.26 320	P	P	P	18 45 10.7 -1.4
ANX	Ano Chora	84.28 321	P	P	P	18 45 11.8 -0.4
I60A	Shoreham	84.29 29	P	P	P	18 45 12.2 +0.2
KEK	Kerkira	84.29 323	P	P	P	18 45 12.1 0.0
M55A	Maissana	84.29 332	Iamb	Iamb	Iamb	18 45 14.4
M55A	Ridgway	84.30 34	P	P	P	18 45 12.7 +0.5
M55A	Ridgway	84.30 34	Iamb	Iamb	Iamb	18 45 14.8
O53A	New Philadelphia	84.32 36	P	P	P	18 45 12.6 +0.3
BAI	Bari	84.34 326	Iamb	Iamb	Iamb	18 45 12.6 +0.3
PKME	Peaks-Kenny Pl	84.35 26	P	P	P	18 45 13.0 +0.7
PKME	Peaks-Kenny Pl	84.35 26	Iamb	Iamb	Iamb	18 45 15.1
SERG	Sergoula	84.36 321	P	P	P	18 45 12.0 -0.6
CMBO	Columbo, Santo	84.36 317	P	P	P	18 45 12.2 -0.4
H62A	Milan	84.37 27	P	P	P	18 45 13.3 +0.8
G63A	Kingsbury	84.38 26	P	P	P	18 45 13.4 +0.9
K58A	Earville	84.38 31	P	P	P	18 45 12.8 +0.3
K58A	Earville	84.38 31	Iamb	Iamb	Iamb	18 45 14.9
TRIZ	Trizonia	84.39 321	P	P	P	18 45 12.2 -0.5
O55C	Osservatorio P	84.39 330	Iamb	Iamb	Iamb	18 45 15.1
SNT01	Gialos, Santor	84.40 317	P	P	P	18 45 11.3 -1.4
LBNH	Lisbon	84.41 28	P	P	P	18 45 13.4 +0.7
LBNH	Lisbon	84.41 28	Iamb	Iamb	Iamb	18 45 15.5
THR3	Thira Island,	84.42 317	P	P	P	18 45 11.1 -1.7
EFFP	Elpalio	84.42 321	P	P	P	18 45 12.1 -0.1
SANT	Santorini	84.42 317	P	P	P	18 45 11.4 -1.5
SANT	Santorini	84.42 317	Iamb	Iamb	Iamb	18 45 13.8
SAP3	Santorini-Thir	84.42 317	P	P	P	18 45 11.5 -1.4
Z41A	Richland Creek	84.43 48	P	P	P	18 45 13.6 +0.7

PVO	Paravola	84.43 321	P	P	P	18 45 12.9 0.0
THR5	Thira Island,	84.44 317	P	P	P	18 45 11.2 -1.7
P52A	Corning	84.44 37	P	P	P	18 45 12.9 0.0
P52A	Corning	84.44 37	Iamb	Iamb	Iamb	18 45 15.0
X43A	Marvell	84.45 46	P	P	P	18 45 13.7 +0.7
X43A	Marvell	84.45 46	Iamb	Iamb	Iamb	18 45 15.7
SAP1	Santorini-Akro	84.46 317	P	P	P	18 45 11.7 -1.3
THR6	Thira Island,	84.46 317	P	P	P	18 45 11.0 -2.0
CCAR	Cane Creek	84.46 47	Iamb	Iamb	Iamb	18 45 16.1
CGL1	Ceglie Messapi	84.48 325	Iamb	Iamb	Iamb	18 45 13.3 +0.2
833A	Chaparral WMA,	84.50 55	P	P	P	18 45 14.1 +0.7
M56A	Emporium	84.52 33	P	P	P	18 45 13.5 +0.2
M56A	Emporium	84.52 33	Iamb	Iamb	Iamb	18 45 15.6
G64A	Maxfield	84.52 26	P	P	P	18 45 14.0 +0.8
DIRD	Didima	84.56 319	P	P	P	18 45 11.7 -1.9
ACCN	Andronack Comp	84.56 30	Iamb	Iamb	Iamb	18 45 15.7
NATX	Nacogdoches	84.59 50	P	P	P	18 45 14.7 +0.9
NATX	Nacogdoches	84.59 50	Iamb	Iamb	Iamb	18 45 16.8
EIL	Elat	84.59 307	S	S	S	18 45 32.6 -2.5
L57A	Andrews Acres	84.59 32	P	P	P	18 45 13.8 +0.1
R50A	Paris	84.59 39	Iamb	Iamb	Iamb	18 45 16.3
KLV	Kalavryta, Ach	84.62 320	P	P	P	18 45 13.2 -0.8
AQU	L'Aquila	84.63 328	Iamb	Iamb	Iamb	18 45 14.8 +0.9
AQU	L'Aquila	84.63 328	Iamb	Iamb	Iamb	18 45 21.6
SG1	Sgoulo (BA)	84.65 326	Iamb	Iamb	Iamb	18 45 14.3 +0.3
TSLK	Tsoukalades, H	84.65 322	P	P	P	18 45 14.1 +0.1
H63A	New Sharon	84.65 27	P	P	P	18 45 14.8 +1.0
K59A	Cooperstown	84.67 31	P	P	P	18 45 14.3 +0.3
TAR1	Taranto	84.67 325	Iamb	Iamb	Iamb	18 45 14.3 +0.3
MEH	Mehetia	84.67 121	eP	P	P	18 45 15.0 +0.8
MEH	Mehetia	84.67 121	eT	T	T	20 18 41.4
MEH	Mehetia	84.67 121	eT	T	T	20 18 41.4
MHL0	Agia Marina, M	84.67 318	P	P	P	18 45 12.8 -1.3
LKD2	Lefkada island	84.68 322	P	P	P	18 45 14.0 -0.2
WVT	Waverly	84.69 43	P	P	P	18 45 15.0 +0.8
WVT	Waverly	84.69 43	P	P	P	18 45 14.7 +0.5
WVT	Waverly	84.69 43	Iamb	Iamb	Iamb	18 45 15.0 +0.8
WVT	Waverly	84.69 43	Iamb	Iamb	Iamb	18 45 16.8
KRND	KRANIDI	84.70 319	P	P	P	18 45 12.3 -1.9
O54A	Avella	84.73 36	P	P	P	18 45 15.0 +0.6
O54A	Avella	84.73 36	Iamb	Iamb	Iamb	18 45 17.1
INTR	Introdacqua	84.73 328	Iamb	Iamb	Iamb	18 45 16.7
BINY	Binghamton	84.75 32	P	P	P	18 45 14.7 +0.3
BINY	Binghamton	84.75 32	Iamb	Iamb	Iamb	18 45 16.7
HNH	Hanover	84.76 29	Iamb	Iamb	Iamb	18 45 17.2
J60A	Lant Hill Farm	84.77 30	P	P	P	18 45 14.8 +0.3
N55A	Marion Center	84.79 34	P	P	P	18 45 15.2 +0.5
W45A	Hickory Valley	84.80 44	Iamb	Iamb	Iamb	18 45 17.3
EVGI	Lefkada island	84.82 322	P	P	P	18 45 14.6 -0.2
WVL	Waverille	84.86 26	Iamb	Iamb	Iamb	18 45 17.6
P53A	Whipple	84.88 37	P	P	P	18 45 15.5 +0.4
P53A	Whipple	84.88 37	Iamb	Iamb	Iamb	18 45 17.6
DRO	Drossa	84.89 321	P	P	P	18 45 15.7 +0.5
RLS	Riolos of Patr	84.92 321	P	P	P	18 45 16.5 +0.3
I62A	Tamworth	84.93 28	P	P	P	18 45 16.1 +0.8
I62A	Tamworth	84.93 28	Iamb	Iamb	Iamb	18 45 18.2
H64A	Troy	84.93 26	P	P	P	18 45 15.9 +0.7
L58A	Harry Jones Me	84.93 32	P	P	P	18 45 15.6 +0.3
G65A	Princeton	84.93 25	Iamb	Iamb	Iamb	18 45 18.0
O52A	Bidwell	84.94 37	P	P	P	18 45 15.5 0.0
N56A	West Decatur	84.95 34	P	P	P	18 45 16.1 +0.6
J61A	Chester	84.98 29	P	P	P	18 45 16.3 +0.7
FSK	Fiskardo	84.99 322	P	P	P	18 45 15.3 -0.4
735A	Kenedy	85.02 54	Iamb	Iamb	Iamb	18 45 19.5
I63A	Otisfield	85.02 27	P	P	P	18 45 17.0 +1.3
ZKR	Zakros	85.05 316	P	P	P	18 45 16.5 +0.5
M57A	Sunshine Farm,	85.05 33	Iamb	Iamb	Iamb	18 45 16.5 +0.6
M57A	Sunshine Farm,	85.05 33	Iamb	Iamb	Iamb	18 45 18.6
V LX	Vlachokerasia	85.06 320	P	P	P	18 45 15.6 -0.6
L59A	Wallon	85.10 31	P	P	P	18 45 16.8 +0.3
TRY	Try	85.13 30	Iamb	Iamb	Iamb	18 45 18.7
LMN	Caledonia Moun	85.14 23	Iamb	Iamb	Iamb	18 45 19.0
O55A	Ligonier	85.15 35	P	P	P	18 45 16.8 +0.3
K60A	Five Rivers En	85.15 30	P	P	P	18 45 16.9 +0.5
CASP	Castiglione de	85.17 330	Iamb	Iamb	Iamb	18 45 19.8
P54A	Burton	85.17 36	P	P	P	18 45 17.2 +0.6
H65A	Eastbrook	85.18 26	P	P	P	18 45 17.2 +0.8
OXF	Oxford	85.20 45	P	P	P	18 45 17.0 +0.2
VLS	Valsamata	85.21 322	P	P	P	18 45 16.8 0.0
GGS	Saint George	85.22 24	Iamb	Iamb	Iamb	18 45 19.2
NPS	Neapolis	85.23 317	P	P	P	18 45 16.3 -0.7
AMT	Artemida-Makis	85.24 320	P	P	P	18 45 16.8 -0.2
M58A	Price's Panora	85.28 32	P	P	P	18 45 17.5 +0.4
HKT	Hockley	85.32 52	P	P	P	18 45 19.2 +1.8
HKT	Hockley	85				

20d 18h

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R56A	comp=Z,643nm,1.2s	86.63	36	P	P	18 45 24.2 +0.3
N31A	Bull Pasture M baz=328,SNR=109	86.63	31	P	P	18 45 24.5 +0.7
Y61E	South Mountain comp=Z,549nm,1.1s	86.63	30	I	Amb	18 45 25.9
W50A	Yale comp=Z,346nm,1.2s	86.65	42	I	Amb	18 45 26.4
S55A	Signal Mountai comp=Z,423nm,1.1s	86.70	37	P	P	18 45 24.4 +0.2
N62A	Lewisburg baz=327,SNR=94	86.70	31	P	P	18 45 24.9 +0.5
P59A	Caumsett State baz=331	86.81	33	P	P	18 45 25.2 +0.6
P59A	Jarrettsville baz=330,SNR=79			S	S	18 45 25.6 -0.3
L64A	baz=330	86.82	28	P	P	18 45 25.5 +0.9
SDMD	Middleborough comp=Z,423nm,1.1s	86.82	34	I	Amb	18 45 27.2
CPCT	Soldier's Deli comp=Z,343nm,1.1s	86.82	41	I	Amb	18 45 27.2
T54A	Cooper Cave comp=Z,525nm,1.1s	86.83	38	P	P	18 45 25.5 +0.6
T54A	Tazewell baz=327,SNR=386			S	S	18 45 55.4 -1.5
M63A	baz=327	86.87	29	P	P	18 45 25.3 +0.4
Q58A	Gales Ferry baz=332,SNR=39	86.88	34	P	P	18 45 25.6 +0.6
Q58A	Fox Den Farm, baz=329,SNR=149			S	S	18 45 55.4 -1.9
PSUB	baz=329	86.91	32	I	Amb	18 45 27.4
344A	Penn St. - Bra comp=Z,523nm,1.0s	86.93	47	I	Amb	18 45 28.8
P60A	Westbrook Farm comp=Z,782nm,1.2s	86.94	33	P	P	18 45 25.7 +0.5
P60A	Greenville baz=330,SNR=113			S	S	18 45 55.5 -2.3
TKML	baz=330	87.00	40	I	Amb	18 45 28.2
L65A	Tuckaleechee C comp=Z,508nm,1.0s	87.00	28	P	P	18 45 26.3 +0.8
M64A	Cape Cod Natio baz=333	87.03	29	P	P	18 45 26.3 +0.7
M64A	Tiverton baz=333,SNR=13			S	S	18 45 56.6 -2.0
FPAL	baz=333	87.04	42	I	Amb	18 45 28.2
N63A	Fort Payne comp=Z,671nm,1.3s	87.07	30	P	P	18 45 26.3 +0.4
R57A	Mattituck baz=332	87.09	35	P	P	18 45 26.7 +0.7
R57A	Stanardsville baz=328,SNR=186			S	S	18 45 58.3 -0.9
O61A	baz=328	87.11	32	P	P	18 45 26.7 +0.6
T55A	Allentown baz=331,SNR=27	87.12	37	P	P	18 45 27.0 +0.7
T55A	Pulaski baz=327,SNR=210			S	S	18 45 58.8 -1.0
U54A	baz=327	87.17	39	P	P	18 45 27.2 +0.6
U54A	Nelsons Funny baz=327,SNR=22			S	S	18 45 58.7 -1.6
TAU	baz=327	87.17	181	P	P	18 45 26.4 +0.5
TAU	Tasmania Unive comp=Z,253nm,1.3s			pmax	pmax	
TAU	Tasmania Unive baz=327,SNR=54	87.17	181	P	P	18 45 26.4 +0.5
S56A	Natural Bridge baz=328,SNR=94	87.18	36	P	P	18 45 27.1 +0.6
S56A	baz=328			S	S	18 45 59.8 -0.4
BLA	baz=328	87.20	37	P	P	18 45 27.3 +0.6
BLA	Blacksburg baz=327,SNR=166			S	S	18 45 59.5 -1.1
Y49A	baz=327	87.21	43	I	Amb	18 45 28.9
M65A	Blount Mountai comp=Z,441nm,1.2s	87.22	28	P	P	18 45 27.0 +0.4
R58A	Gusby Falout baz=333	87.30	35	P	P	18 45 27.7 +0.6
R58A	Rapidan baz=329,SNR=122			S	S	18 45 56.2 +0.9
Q59A	baz=329	87.36	34	P	P	18 45 28.3 +1.0
Q59A	Harwood baz=330,SNR=24			S	S	18 45 01.2 -0.6
S57A	baz=330	87.36	36	P	P	18 45 28.1 +0.7
S57A	Dark Hollow, R baz=328,SNR=174			S	S	18 45 02.1 +0.2
S57A	baz=328	87.36	36	I	Amb	18 45 30.3
P61A	Dark Hollow, R comp=Z,683nm,1.1s	87.38	32	P	P	18 45 27.9 +0.5
V53A	Hammonton baz=331,SNR=111	87.43	40	I	Amb	18 45 30.4
T56A	Saluda comp=Z,610nm,1.4s	87.52	37	P	P	18 45 28.5 +0.3
T56A	Rocky Mt baz=328,SNR=103			S	S	18 45 02.2 -1.4
U55A	baz=328	87.52	38	P	P	18 45 28.7 +0.4
U55A	TA2, Sparta baz=327,SNR=178			S	S	18 45 02.6 -1.1
Q60A	baz=327	87.56	33	P	P	18 45 29.0 +0.8
LDRAL	Greensboro baz=330,SNR=8.7	87.58	44	P	P	18 45 28.5 0.0
LRAL	Lakeview Retre baz=324,SNR=56			S	S	18 45 01.5 -2.7
CBN	baz=324	87.64	35	P	P	18 45 29.5 +0.9
CBN	Corbin Frederi baz=329,SNR=59			S	S	18 45 06.0 -0.6
R58B	baz=329	87.64	35	P	P	18 45 29.2 +0.6
R58B	Mineral baz=329,SNR=110			S	S	18 45 04.0 -0.6
R58B	baz=329	87.64	35	I	Amb	18 45 31.4
346A	Mineral comp=Z,565nm,1.1s	87.65	47	I	Amb	18 45 31.9
M66A	baz=333	87.66	28	P	P	18 45 29.6 +0.9
V54A	Big Creek Wild comp=Z,580nm,1.2s	87.73	39	P	P	18 45 29.6 +0.4
V54A	Nebo baz=326,SNR=108			S	S	18 45 03.6 -2.0
R59A	baz=326	87.75	34	P	P	18 45 30.0 +0.9
R59A	King George, V baz=329,SNR=46			S	S	18 45 05.1 -0.4
S58A	baz=329	87.86	35	P	P	18 45 30.2 +0.4
S58A	Poland Farm, P baz=329,SNR=123			S	S	18 45 05.4 -1.3
S58A	baz=329	87.86	35	I	Amb	18 45 32.3
Q61A	Poland Farm, P comp=Z,395nm,1.1s	87.87	33	P	P	18 45 30.3 +0.6
T57A	baz=330,SNR=5.4	87.88	37	P	P	18 45 30.2 +0.4
T57A	Hurt baz=328,SNR=146			S	S	18 45 05.5 -1.4
T57A	baz=328	87.88	37	I	Amb	18 45 32.5
R60A	Hurt comp=Z,650nm,1.1s	87.90	34	P	P	18 45 30.8 +1.0
R60A	Leonardtown, M baz=330,SNR=20			S	S	18 45 06.9 -0.1
BG3	baz=330	87.93	40	I	Amb	18 45 33.1
U56A	Lake Jocassee comp=Z,447nm,1.0s	87.94	38	P	P	18 45 30.8 +0.6
U56A	King baz=327,SNR=79			S	S	18 45 05.7 -1.9
U56A	baz=327	87.94	38	I	Amb	18 45 32.9
V55A	King comp=Z,566nm,1.1s	87.99	38	P	P	18 45 30.8 +0.3
V55A	Taylorsville baz=327,SNR=96			S	S	18 45 06.2 -1.8
V55A	baz=327	87.99	38	I	Amb	18 45 33.0

S59A	comp=Z,527nm,1.3s	88.05	35	P	P	18 45 31.5 +0.9	
S59A	Mechanicsville baz=329,SNR=74			S	S	18 45 08.0 -0.5	
TBI	baz=329	88.05	126	eS	S	18 45 06.3 -2.2	
TBI	Tubuai comp=Z,3jum,29.0s	88.05	126	eLQ	LQ	19 09 09.5	
TBI	Tubuai comp=Z,6jum,32.8s			eLR	LR	19 13 07.2	
W54A	comp=Z,23jum,33.2s,baz=320	88.20	40	P	P	18 45 31.8 +0.4	
W54A	Cherokee Point baz=326,SNR=137			S	S	18 45 07.8 -2.1	
T58A	baz=326	88.23	36	P	P	18 45 32.1 +0.6	
T58A	Grand View Acr baz=328,SNR=192			S	S	18 45 09.0 -1.2	
Z51A	baz=328	88.25	43	I	Amb	18 45 33.9	
Z51A	Franklin comp=Z,460nm,1.0s			S	S	18 45 32.6 +0.6	
U57A	Blanch comp=Z,328,SNR=189	88.33	37	P	P	18 45 32.7 +0.6	
U57A	baz=328			S	S	18 45 09.7 -1.4	
Y52A	Liburn comp=Z,402nm,1.1s	88.33	42	I	Amb	18 45 34.8	
R61A	Willards baz=330	88.34	33	P	P	18 45 32.5 +0.5	
V56A	Mocksville baz=327,SNR=136	88.35	38	P	P	18 45 32.6 +0.5	
V56A	baz=327			S	S	18 45 09.2 -2.2	
S60A	Water View baz=330,SNR=96	88.36	34	P	P	18 45 33.1 +1.0	
S60A	baz=330			S	S	18 45 10.6 -0.8	
CORL	Corleone comp=Z,335nm,1.3s	88.52	326	I	Amb	18 46 07.5	
KMSC	Kings Mountain baz=327,SNR=172	88.53	39	P	P	18 45 33.4 +0.4	
KMSC	baz=327			S	S	18 45 10.3 -2.8	
KMSC	Kings Mountain comp=Z,564nm,1.1s	88.53	39	I	Amb	18 45 35.5	
X54A	Beltou baz=326,SNR=161	88.56	40	P	P	18 45 33.8 +0.8	
X54A	baz=326			S	S	18 45 11.8 -1.6	
PAULI	baz=326	88.58	39	I	Amb	18 45 35.7	
PAULI	Pauline comp=Z,446nm,1.1s	88.60	37	P	P	18 45 33.5 +0.2	
V57A	Coltrane Farms baz=328,SNR=197	88.60	330	I	Amb	18 45 11.4 -2.4	
V57A	baz=328			S	S	18 45 35.8	
VSL	Villasalto comp=Z,359nm,1.3s	88.60	330	I	Amb	18 45 35.8	
T59A	Double "B" Far baz=329,SNR=136	88.62	35	P	P	18 45 34.1 +0.8	
T59A	baz=329			S	S	18 45 12.6 -1.2	
SNZO	South Karori comp=Z,423nm,1.4s	88.68	161	P	I	Amb	18 45 34.8 +1.7
SNZO	Oxford baz=328,SNR=216	88.69	36	P	P	18 45 36.3	
U58A	baz=328			S	S	18 45 12.9 -1.8	
S61A	Accomac baz=330,SNR=5.9	88.77	34	P	P	18 45 35.3 +1.3	
S61A	baz=330			S	S	18 45 15.6 +0.4	
T60A	Surry baz=330,SNR=10	88.81	35	P	P	18 45 35.0 +0.8	
T60A	baz=330			S	S	18 45 15.1 -0.6	
W56A	Indi Trail baz=327,SNR=101	88.88	38	P	P	18 45 34.7 +0.1	
W56A	baz=327			S	S	18 45 13.6 -2.8	
X55A	Gracelyn & Ava baz=327,SNR=104	88.96	40	P	P	18 45 35.5 +0.5	
X55A	baz=327			S	S	18 45 14.3 -2.9	
V58A	Windy Hill, Pi baz=328,SNR=144	88.96	37	P	P	18 45 35.5 +0.5	
V58A	baz=328			S	S	18 45 15.3 -1.9	
V58A	Windy Hill, Pi comp=Z,360nm,1.2s	88.96	37	I	Amb	18 45 37.6	
GOGA	Godfrey baz=326,SNR=134	88.99	41	P	P	18 45 35.5 +0.4	
GOGA	baz=326			S	S	18 45 16.0 -1.5	
GOGA	Gogey comp=Z,550nm,1.4s	88.99	41	I	Amb	18 45 37.9	
152A	Waverly Hall comp=Z,390nm,1.2s	89.00	43	I	Amb	18 45 37.5	
U59A	Littleton baz=329,SNR=76	89.05	36	P	P	18 45 36.0 +0.7	
U59A	baz=329			S	S	18 45 17.0 -1.0	
U59A	Littleton comp=Z,543nm,1.2s	89.05	36	I	Amb	18 45 38.1	
W57A	Gilead baz=328,SNR=144	89.12	38	P	P	18 45 36.2 +0.5	
W57A	baz=328			S	S	18 45 16.3 -2.3	
W57A	Gilead comp=Z,546nm,1.1s	89.12	38	I	Amb	18 45 38.8	
U60A	Pendleton baz=329,SNR=17	89.21	35	P	P	18 45 36.8 +0.8	
U60A	baz=329			S	S	18 45 18.1 -1.3	
X56A	White Oak baz=327,SNR=153	89.21	39	P	P	18 45 36.7 +0.5	
X56A	baz=327			S	S	18 45 16.4 -3.2	
Y55A	Saluda baz=327,SNR=135	89.30	40	P	P	18 45 37.4 +0.8	
Y55A	baz=327			S	S	18 45 18.3 -2.0	
BIRD	Birdtown, Kers comp=Z,477nm,1.1s	89.34	39	I	Amb	18 45 39.4	
V59A	Middlesex baz=329,SNR=165	89.36					

20d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, etc.

NEIC 20 19:43:21.91, 2.35, 52N, 0.01, 116.26W, 0.02, h4km, 5km, Error ellipse: s-maj=2.0km s-min=1.7km az=118.0

SCEDC 20 19:43:22.4, 35.52N, 116.25W, h2km, ISC 20 19:43:22.0, 0.9, 35.52N, 116.25W, 0.02, h15km, 7km, n73, c091102, Central California

Main station list for 20d 20h, including TUQ Turquoise Moun, DSCC Desert Studies, SHOC Shoshone, etc.

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Table with columns: MONP2, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MONP2 Camp Elliot, 109C Camp Elliot, etc.

NEIC 20 19:48:38.1, 1.35, 52N, 0.007, 116.24W, 0.02, h5km, 6km, Error ellipse: s-maj=2.0km s-min=0.7km az=115.0

SCEDC 20 19:48:39.1, 35.51N, 116.24W, h4km, ISC 20 19:48:38.7, 0.9, 35.52N, 116.22W, 0.02, h13km, 8km, n8, c11092, Central California

Main station list for 2014 JUL, including TUQ Turquoise Moun, SHOC Shoshone, GSC Goldstone, etc.

1018

Table with columns: RHC, DECC, ARVC, LTC, MONP2, GLA, 109C, IKP, R11A, PKM, SBI, KNB, KVN, WUAZ, WUAW, W18A, DUG, DUG. Includes stations like Rose Hills Cem, Green Verdugo, Arvin, etc.

IDC 20 19:51:51.3, 1.7, 73S, 126.80E, h0km, mb3.3/2, mb1.3/6.4, mb1mx3.3/37, mbtmpp3.4/4, ML3.5/2, Error ellipse: s-maj=45.5km s-min=28.5km az=65.0

DJA 20 19:51:58.9, 0.4, 2, S, 4, 12.7E, h10km, M3.7/7, mb3.9/1, ML3.6/7, ISC 20 19:51:56.2, 0.9, 1.73S, 0.06, 127.60E, 0.06, h25km, n8, c26010, Halmahera

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

DJA 20 20:00:25.4, 5.2, 4, N, 11, 9.9E, 2E, 4, 3, h61km, 37km, M4.8/7, mb5.3/2, mb4.7/7, MLv4.8/7, Mw(mb)4.7/2

IDC 20 20:00:26.2, 1.3, 3, 71N, 92.57E, h0km, mb3.6/6, mb1.3/9.9, mb1mx3.6/47, mbtmpp3.8/9, ML3.6/3, MS3.9/2, Ms1.4/0.2, ms1mx3.3/40, Error ellipse: s-maj=40.9km s-min=21.0km az=43.0

ISC 20 20:03:29.0, 0.9, 3.6N, 0.1, 92.63E, 0.09, h24km, n24, c187719, mb3.6/6, Off west coast of northern Sumatra

Main station list for 1018, including MLSI Meulaboh, LHMI Lhok Sumawe, KCSI Kotacane, etc.

NEIC 20 20:03:41.7, 1.5, 43.63N, 105.105, 19W, 0.02, h0km, 2km, ML3.2/26, Error ellipse: s-maj=8.5km s-min=3.6km az=182.0

IDC 20 20:03:42.0, 1.5, 43.90N, 105.55W, h0km, mb3.9/1, mb1.3/7.4, mb1mx3.4/39, mbtmpp3.5/4, ML2.6/2, Error ellipse: s-maj=41.5km s-min=10.5km az=149.0

NEIC 20 20:03:45.1, 7.4, 43.8N, 0.1, 105.20W, 0.09, h0km, 4km, Error ellipse: s-maj=16.9km s-min=6.2km az=154.0

ISC 20 20:03:40.3, 0.9, 43.56N, 105.105, 19W, 0.05, h0km, n23, c186921, Wyoming

Main station list for 1018, including RSSD Black Hills, K22A Casper, etc.

20d 23h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNJT Kaoshiung City, SCZT Fangliu, WHP Taichung City, etc.

ADC 20:22:50.0:1.7, 7.67N:137.70E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.7/32, mbtmp3.9/8, MS3.3/16, Ms1 3.3/16, ms1mx3.1/42, Error ellipse: s-maj=88.5km s-min=21.2km az=84.0

ISC 20:22:55.0:1.6, 7.7N:137.8E, h0.6, h53km, n26, n45/8, mb4.1/8, MS3.3/12, Western Caroline Islands

Code Station Name Az Az2 Phase ID Time Res ISC

2014 JUL

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, JCJ Chichijima, etc.

ADC 20:22:31:20.5, 41.85N:20.20E, h7km, Md1.8/2, Albania

ROM 20:22:32:18.9:0.1, 41.739N:0.005E, 13.375E:0.006, h10m, ML2.1/12, Error ellipse: s-maj=0.5km s-min=0.5km

Code Station Name Az Az2 Phase ID Time Res ISC

1020

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

VAO 20:22:57.5:1.3, 20.81S:69.77W, h164km, 9km, mb3.9, IDC 20:22:57.5:1.4, 20.70S:68.92W, h110km, 14km, mb3.6/6, mb1 3.6/8, mb1mx3.4/29, mbtmp4.0/8, Error ellipse: s-maj=25.3km s-min=13.3km az=109.0

GUC 20:22:57.5:1.0, 6.20S:170.69E, h107km, 2km, ML3.9, ISC 20:22:57.5:1.0, 7.20S:168.00E, h111km, 6km, n40, n158/58, mb3.8/5, 14C-2D, Northern Chile

Code Station Name Az Az2 Phase ID Time Res ISC

21d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCB Clear Creek Bu, ILAR Eielson Array, PDAR Pinedale Array, etc.

IDC 21 00:03:29.91.1, 6.37S:153.00E, h0km, mb3.9/7, mb1.4/1.9, mb1mx3.8/37, mbtmp3.9/9, MLJ=3/2, MS3.2/4, Ms1.3/2.4, ms1mx2.7/33, Error ellipse: s-maj=34.7km s-min=19.0km az=115.0

NEIC 21 00:03:35.0, 1.3, 6.44S:0.06:152.91E:0.06, h42km, 10km, mb4.2/12, Error ellipse: s-maj=11.7km s-min=4.5km

ISC 21 00:03:34.1-0.7, 6.33S:0.06:152.94E:0.08, h31km, n31, s=1945/32, mb4.0/12, MS3.1/3, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), RABL Rabaul, PMG Port Moresby, etc.

IDC 21 00:21:29.1-0.5, 20.06S:70.37W, h0km, mb4.6/17, mb1.4/6.22, mb1mx4.5/36, mbtmp4.5/22, ML4.1/5, MS4.4/24, Ms1.4/3.24, ms1mx4.3/29, Error ellipse: s-maj=17.4km s-min=13.3km az=66.0

NEIC 21 00:21:27.2, 1.6, 20.14S:0.02:70.59W:0.04, h26km, 3km, mb4.8/27S, Mwr4.8/57, Mww5.0, ML4.7(GUC), Error ellipse: s-maj=6.1km s-min=3.3km az=90.0

SJA 21 00:21:27.5-0.6, 20.14S:0.02:70.53W, h29km, 2km, ML4.7, MWr4.9

NEIC 21 00:21:27.1, 20.13S:70.63W, h29km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, Mr1.32, Mw0.10, Mw-1.42, Mw0.61, Mw-0.26, Mw-1.63; Fault plane solution: Ms2.23000:1016 NP1.9s167.08000, s71.73000, s74.12000, NP2.9s29.9000, s82.03000, s129.64000. Principal axes: T 2.2829, Plg6.0000, Azm54.0000; N -0.0996, Plg15.0000, Azm172.0000; P -2.1833, Plg25.0000, Azm269.0000;

GUC 21 00:21:29.1-0.6, 20.17S:70.57W, h38km, 1km, ML4.7 NEIC 21 00:21:30.20:23S:70.63W, h30km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, Mr2.57, Mw0.45, Mw-3.02, Mw-0.32, Mw-2.10; Fault plane solution: Ms3.64000:1016 NP1.9s0.0000, s28.0000, s113.0000, NP2.6s163.0000, s65.0000, s78.0000. Principal axes: T 3.4497, Plg68.0000, Azm50.0000; N 0.3538, Plg11.0000, Azm168.0000; P -3.8034, Plg19.0000, Azm262.0000;

VAO 21 00:21:32.7-0.8, 20.12S:70.34W, h68km, 6km, mb4.6 GCMT 21 00:21:33.2-0.3, 20.16S:0.02:70.95W:0.02, h36km, MW5.1/75, Moment Tensor Solution. s46c53; s75c107;

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Duration: 0 Moment tensor: Scale 10^16Nm; Mr4.70±23; Mw-0.10±14; Mw-4.60±14; Mw0.64±13; Mw0.23±10; Mw-2.10±14; Best double couple: Ms5.16200x1016 NP1.9s11.00000, s83.00000, s103.00000. NP2: s175.00000, s58.00000, s81.00000. Principal axes: T 5.2530, Plg76.0000, Azm60.0000; N -0.1830, Plg7.0000, Azm180.0000; P -5.0710, Plg12.0000. Nza2 refers to surface waves, cutoff=40s. nza2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 00:21:29.1-0.4, 20.14S:0.02:70.51W:0.04, h37km, 1km, n73, s1926/735, mb4.8/135, MS4.5/22, 9C-10D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TA02 Huaquique, TA01 Diego Aracena, PSGC Pisagua, etc.

1022

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC05 El Transito, SIV Juntas del Tor, SIV San Ignacio, etc.

CBYP	Canovanvas	38.44	7	P	P	00 28 44.5	-3.0
STVI	Saint Thomas	38.63	8	I	I	00 28 47.5	-1.5
STVI				I	A	00 29 00.3	
SMRT	comp=Z,26nm,1.1s						
SDDR	St. Maarten	38.65	11	P	P	00 28 45.2	-4.0
SDDR	Presa de Saban	38.88	359	P	P	00 28 51.1	-0.1
TEIG	comp=Z,23nm,1.1s						
TEIG	Montecristo	39.01	330	P	P	00 28 51.4	-1.1
TEIG	TEIG	43.73	336	P	P	00 29 30.5	-0.3
TEIG	comp=Z,11nm,1.1s,baz=169						
TEIG	TEIG	43.73	336	P	P	00 29 30.3	-0.5
TIGA	Titon	52.80	346	P	P	00 30 38.4	-2.3
ZAIG	Zacatecas	52.89	322	P	P	00 30 42.3	+0.4
ZAIG				I	A	00 30 54.6	
255A	Hazlehurst	53.02	347	P	P	00 30 41.8	-0.6
158A	Hollywood	53.38	350	P	P	00 30 45.8	+0.8
BRAL	Brewton	53.43	342	P	P	00 30 45.9	+0.5
157A	Early Branch	53.47	349	P	P	00 30 46.4	+0.8
259A	Georgetown, SC	53.73	351	P	P	00 30 48.1	+0.6
NHSC	New Hope	53.74	350	P	P	00 30 48.8	+1.1
NHSC	New Hope	53.74	350	P	P	00 30 48.4	+0.8
Z58A	St. Stephen	53.91	350	P	P	00 30 49.8	+1.0
Z57A	Bowman	54.02	349	P	P	00 30 50.2	+0.5
152A	Waverly Hall	54.24	345	P	P	00 30 50.5	-0.8
Y60A	Bolivia	54.34	352	P	P	00 30 52.6	+0.7
Y60A	Bolivia	54.34	352	P	P	00 30 50.8	-1.1
Y58A	Scranton	54.45	351	P	P	00 30 53.5	+0.8
Y57A	Sumter	54.67	350	P	P	00 30 55.4	+1.0
Y57A	Sumter	54.67	350	P	P	00 30 53.6	-0.7
Y55A	Saluda	54.85	348	P	P	00 30 55.9	+0.2
X60A	Albert Glenn T	54.87	352	P	P	00 30 56.5	+0.7
X59A	McDuffie Farm,	54.95	352	P	P	00 30 56.9	+0.6
X58A	Rowland	55.03	351	P	P	00 30 57.4	+0.4
JSC	Jenkinsville	55.08	349	P	P	00 30 57.2	-0.1
LRAL	Lakeview Retre	55.17	343	P	P	00 30 57.9	-0.1
LRAL	Lakeview Retre	55.17	343	P	P	00 30 56.9	-1.1
Y52A	Libburn	55.23	346	P	P	00 30 57.2	-0.8
X56A	White Oak	55.24	349	P	P	00 30 58.8	+0.3
BIRD	Birdtown, Kers	55.30	350	P	P	00 30 58.9	0.0
BIRD				I	A	00 31 00.6	
X55A	comp=Z,13nm,0.9s						
X55A	Gracelyn & Ava	55.33	349	P	P	00 30 59.5	+0.4
W61A	Ground Anchor	55.35	354	P	P	00 30 59.7	+0.5
146A	Union	55.40	341	P	P	00 30 59.4	-0.2
HKT	Hockley	55.45	333	P	P	00 30 59.2	-0.8
HKT				I	A	00 31 11.3	
W58A	comp=Z,11nm,1.3s						
W58A	Raeferd	55.48	351	P	P	00 31 00.9	+0.8
W59A	Clinton	55.51	352	P	P	00 31 01.7	+1.2
X54A	Belton	55.54	348	P	P	00 31 00.7	+0.1
PAULI	Pauline	55.70	349	P	P	00 31 00.9	-0.9
PAULI				I	A	00 31 03.3	
W57A	comp=Z,11nm,1.0s						
W57A	Gilead	55.72	351	P	P	00 31 02.2	+0.3
W57A	Gilead	55.72	351	P	P	00 31 00.6	-1.3
W56A	comp=Z,9.5nm,1.0s						
W56A	Indian Trail	55.79	350	P	P	00 31 02.9	+0.4
V61A	Roper	55.92	354	P	P	00 31 04.0	+0.7
KM5C	Kings Mountain	55.93	349	P	P	00 31 03.7	+0.2
KM5C	Kings Mountain	55.93	349	P	P	00 31 03.0	-0.4
W54A	Cherokee Point	56.03	348	P	P	00 31 04.7	+0.6
V59A	Middlesex	56.08	352	P	P	00 31 05.2	+0.7
V58A	Windy Hill, Pi	56.22	352	P	P	00 31 06.0	+0.5
V58A	Windy Hill, Pi	56.22	352	P	P	00 31 04.7	-0.8
V58A				I	A	00 31 07.1	
FPAL	comp=Z,8.6nm,0.8s						
FPAL	Fort Payne	56.24	345	P	P	00 31 05.2	-0.5
V57A	Coltrane Farms	56.41	351	P	P	00 31 07.3	+0.5
V56A	Mocksview	56.44	350	P	P	00 31 07.4	+0.4
U61A	Possum Corner	56.44	354	P	P	00 31 07.9	+0.9
X48A	Hartselle	56.52	344	I	A	00 31 08.3	
V55A	Taylorville	56.60	350	P	P	00 31 08.9	+0.7
V55A	Taylorville	56.60	350	P	P	00 31 08.4	+0.2
V55A				I	A	00 31 23.7	
U59A	Littleton	56.60	353	P	P	00 31 08.7	+0.5
U59A	Littleton	56.60	353	P	P	00 31 07.2	-1.0
U59A				I	A	00 31 10.0	
U60A	Pendleton	56.65	354	P	P	00 31 09.1	+0.6
V54A	Nebo	56.66	349	P	P	00 31 08.8	+0.2
U58A	Oxford	56.74	352	P	P	00 31 10.1	+0.9
W50A	Signal Mountai	56.80	346	I	A	00 31 10.5	
CPCT	Cooper Cave	56.86	346	I	A	00 31 11.0	
CPCT	comp=Z,8.0nm,1.0s						
U57A	Blanch	56.88	352	P	P	00 31 20.4	-4.6
U57A				s	P	00 31 10.7	+0.5
TKL	Tuckaleechee C	56.90	347	I	A	00 31 11.1	
U56A	King	56.95	350	P	P	00 31 11.5	+0.8
SWET	Sewanee	56.96	345	P	P	00 31 09.7	-1.2
SWET				I	A	00 31 10.9	
V52A	Sevierville	57.04	347	P	P	00 31 09.9	-1.4
V51A	Loudon	57.16	347	P	P	00 31 10.8	-1.4
V51A				I	A	00 31 12.9	
T59A	Double "B" F	57.19	353	P	P	00 31 12.9	+0.6
T59A	Double "B" F	57.19	353	P	P	00 31 13.3	+1.0
Z41A	Richland Creek	57.20	338	P	P	00 31 12.2	-0.3
Z41A	Richland Creek	57.21	334	P	P	00 31 12.8	+0.2
Z37A	Washetta, Mont	57.23	334	P	P	00 31 12.2	-0.5
OXF	Oxford	57.24	341	P	P	00 31 12.8	0.0
T60A	Surry	57.27	354	P	P	00 31 13.7	+0.8
T58A	Grand View Acr	57.28	352	P	P	00 31 13.6	+0.6
PLAL	Pickwick Lake	57.30	343	I	A	00 31 13.3	
U54A	Nelsons Funny	57.36	349	P	P	00 31 13.8	+0.1
U54A	Nelsons Funny	57.36	349	P	P	00 31 13.1	-0.6
U54A				I	A	00 31 14.9	

T57A	Hurt	57.42	352	P	P	00 31 14.7	+0.7
T57A	Hurt	57.42	352	P	P	00 31 13.7	-0.3
T57A				I	A	00 31 15.9	
T56A	Rocky Mt	57.56	351	P	P	00 31 15.9	+0.9
JCT	Junction City	57.68	330	P	P	00 31 15.6	-0.4
V48A	Smith Brothers	57.68	344	I	A	00 31 16.6	
T55A	Pulaski	57.77	350	P	P	00 31 17.2	+0.8
W45A	Wicko Valley	57.78	342	P	P	00 31 15.1	-1.5
BLA	Blacksburg	57.80	351	P	P	00 31 17.3	+0.6
T54A	Tazewell	57.84	350	P	P	00 31 17.2	+0.1
S58A	Poland Farm, P	57.88	353	P	P	00 31 17.7	+0.5
S58A	Poland Farm, P	57.88	353	P	P	00 31 16.0	-1.1
CLTN	Cedars of Leba	57.89	345	I	A	00 31 16.5	-0.8
CLTN				I	A	00 31 18.1	
WHTX	Lake Whitney,	57.91	333	P	P	00 31 17.8	+0.3
WHTX	Lake Whitney,	57.91	333	P	P	00 31 17.3	-0.3
WHTX				I	A	00 31 19.3	
T53A	Wise	57.93	349	P	P	00 31 17.7	0.0
S56A	Natural Bridge	58.13	352	P	P	00 31 19.4	+0.4
S57A	Dark Hollow, R	58.15	352	P	P	00 31 19.9	+0.9
R58B	Mineral	58.20	353	P	P	00 31 20.3	+0.9
R58B	Mineral	58.20	353	P	P	00 31 18.8	-0.7
R58B				I	A	00 31 31.2	
WVT	Waverly	58.31	344	P	P	00 31 19.4	-0.9
WVT	Waverly	58.31	344	P	P	00 31 19.7	-0.6
WVT				I	A	00 31 20.4	
R59A	King George, V	58.36	354	P	P	00 31 21.3	+0.8
S55A	Lewisburg	58.36	351	P	P	00 31 21.4	+0.7
S54A	Dingess, Beckl	58.52	350	P	P	00 31 21.9	+0.2
S54A	Dingess, Beckl	58.52	350	I	A	00 31 23.0	
R57A	Standardsville	58.61	353	P	P	00 31 23.2	+1.0
MIAR	Mount Ida	58.64	338	P	P	00 31 22.9	+0.3
MIAR	Mount Ida	58.64	338	P	P	00 31 23.0	+0.4
MIAR				I	A	00 31 24.0	
TXAR	comp=Z,11nm,0.9s						
TXAR	Lajitas Array	58.66	326	P	P	00 31 22.7	-0.3
TXAR	Lajitas Array	58.66	326	P	P	00 54 01.4	
TXAR	Lajitas Array	58.67	326	P	P	00 31 22.9	-0.1
TX31	Lajitas Ar. Si	58.67	326	P	P	00 31 22.5	-0.5
TX31				I	A	00 31 34.4	
TX32	Lajitas Array	58.67	326	P	P	00 31 22.6	-0.4
W41B	Gary Mavity, V	58.75	339	P	P	00 31 23.4	+0.1
W41B	Gary Mavity, V	58.75	339	P	P	00 31 23.4	+0.1
W41B				I	A	00 31 41.3	
R55A	Manorton	58.81	351	P	P	00 31 24.5	+0.7
R56A	Bull Pasture M	58.83	352	P	P	00 31 24.4	+0.5
R54A	Victor	58.84	350	P	P	00 31 24.3	+0.4
WHAR	Woolly Hollow	58.87	339	P	P	00 31 23.9	-0.3
WHAR				I	A	00 31 25.3	
T47A	Sharon	58.98	345	P	P	00 31 24.1	-0.5
Z35A	Perchaven, S	58.94	334	P	P	00 31 24.9	-0.1
Q58A	Fox Den Farm,	59.15	353	P	P	00 31 26.9	+0.9
LCAR	Lake Charles	59.22	344	P	P	00 31 25.1	-1.5
W39A	Magazine	59.20	338	P	P	00 31 27.8	+0.6
W39A	Magazine	59.30	338	P	P	00 31 26.1	-1.1
W39A				I	A	00 31 29.1	
Q57A	Stroburg	59.32	353	P	P	00 31 28.3	+1.1
X37A	Clayton	59.34	336	P	P	00 31 27.4	0.0
ABTX	Ablene, Hawle	59.41	331	P	P	00 31 28.2	+0.2
ABTX	Ablene, Hawle	59.41	331	P	P	00 31 27.5	-0.5
ABTX				I	A	00 31 29.6	
Q56A	Snyder Ridge,	59.42	352	P	P	00 31 29.2	+1.3
Q56A	Snyder Ridge,	59.42	352	P	P	00 31 28.2	-0.2
Q55A	Buckhannon	59.50	351	P	P	00 31 29.5	+1.0
RKT	Rikette	59.57	254	eS	S	00 39 40.5	+3.4
RKT	comp=Z,477nm,26.2s			eLR	LR	00 49 00.4	
Q53A	Leroy	59.59	350	P	P	00 31 29.3	+0.2
Q54A	Coxs Mills	59.60	351	P	P	00 31 29.5	+0.3
P58A	Pank, Wackersv	59.65	354	P	P	00 31 30.2	+0.7
P59A	Jarrettsville	59.69	355	P	P	00 31 30.6	+0.8
P57A	Homestead Farm	59.72	353	P	P	00 31 31.1	+1.2
P57A	Homestead Farm	59.72	353	P	P	00 31 29.7	-0.3
P57A				I	A	00 31 42.2	
Q52A	Bidwell	59.81	349	P	P	00 31 31.2	+0.6
Q56A	Dayton Farm, R	59.84	353	P	P		

21d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like K55A Perry, J61A Chester, P38A Dawn, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like E62A Clayton Lake, E62A Clayton Lake, E56A St. Veronique, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SPUT South Promonto, BGU Big Grassy Mtn, TBI Tubuai, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations like PCMB Paccaembu, VILB Vilhena, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like CONA Conrad Observa, DIVS Divibare, etc.

SOME 21 02:26:38.4, 39:95N:75:73E, h10km
KRNET 21 02:26:39.7, 01.39:93N:75:66E, mb3.1
NINC 21 02:26:41.3, 1.5, 40:10N:75:72E, h0km, mb3.6, mpv3.2

ISC 21 02:26:42.9, 1.5, 40:14N:07:75:70E, 0:03, h10km, n54,
e1542/86, 23C-17D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like KZA Kyzart, KZA Kyzart, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like KRBS, KTBS Karatobe, etc.

MAN 21 02:29:13.6, 6:49N:126:93E, h178km, mb4.6, ML3.5,
MS3.3, Mindanao

IDC 21 02:38:02.0, 2.9, 34:06S:179:10W, h0km, mb3.6/2,
mb1 3.8/3, mb1mx3.6/25, mbtm3.6/3, ML3.7/1, Error
ellipse: s-maj=68.9km s-min=35.3km az=120.0, South
of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like URZ Urewera, URZ Urewera, etc.

NEIC 21 02:55:11.6, 1.9, 32:42N:0:03:117:74W, 0:03, h8km, 5km,
Error ellipse: s-maj=4.9km s-min=4.0km az=196.0

ANF 21 02:55:11.9, 0.4, 32:45N:117:70W, h24km, 2km, ML3.1/25,
Error ellipse: s-maj=2.8km s-min=1.6km az=4.0

ECX 21 02:55:12.8, 0.8, 32:41N:117:71W, h17km, 6km, MD2.9,
ML3.1

SCEDC 21 02:55:13.0, 32:48N:117:71W, h27km
PAS 21 02:55:13.1, 2.0, 32:47N:0:02:117:72W, 0:01, h10km, 1km,
Error ellipse: s-maj=3.9km s-min=3.0km az=332.0

MEX 21 02:55:13.2, 0.4, 32:64N:117:77W, h20km, MD3.9

ISC 21 02:55:11.5, 1.1, 32:41N:0:03:117:74W, 0:03, h12km, gkm,
n83, r130/120, 3C-2D, California-Baja California border
region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like TJX Tijuana, TJX Tijuana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MONP2 Monument Peak, MURC Murrieta, FMP Fort Macarthur, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LAR1 LAR, JHRM Jahrom, GENO Geno, LMD1 Lamerd, etc.

Table with columns: WB2, Iamb, Iamb, 02 47 05. Includes stations like WRA Warramunga Arr, WRO Warramunga Arr, etc.

UCR 21 03:48:47.7±1.7, 9.61N-84.65W, h11km±6km, MD3.8, 2D, Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SRA1 San Ramn, LCR2 La Lucha 2, etc.

ICD 21 03:27:33.4±1.2, 30.37S±0.06, 177.6W±0.2, h17km±6km, mb4.1/0, Error ellipse: s-maj=28.5km s-min=8.8km az=88.0

ICD 21 03:27:37.6±4.6, 30.29S±1.77, 59W, h42km±35km, mb4.0/4, mb1.4/2.4, mb1mx3.7/29, mbtmp4.2/4, MS3.0/1, ms1mx2.6/24, Error ellipse: s-maj=40.9km s-min=23.2km az=28.0

ICD 21 03:27:35.6±0.9, 30.35S±0.06, 177.6W±0.2, h33km±n37, s1707/17, mb4.1/3, Kermadec Islands

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

ICD 21 04:00:25.0±1.1, 23.87S±66.63W, h200km±12km, mb3.2/3, mb1.3/4.9, mb1mx3.3/23, mbtmp3.8/9, Error ellipse: s-maj=19.3km s-min=14.8km az=38.0

NEIC 21 04:00:24.6±2.4, 23.90S±0.07, 66.8W±0.1, h214km±11km, mb4.1/6, Md3.6(SJA), Error ellipse: s-maj=14.9km s-min=10.5km az=82.0

VAO 21 04:00:25.0±2.0, 23.99S±67.14W, h258km±10km, mb3.7, GUC 21 04:00:26.5±0.5, 23.91S±67.11W, h243km±8km, ML4.2

ISC 21 04:00:25.2±0.6, 23.90S±0.04, 66.86W±0.05, h213km±7km, n73, r193/11, mb3.6/5, 11C-3D, Jujuy Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SLA San Lorenzo, LVC Limon Verde, LVC Limon Verde, etc.

ARE 21 02:58:49.1.7, 16.8S±0.1, 171.8W±0.1, h28km±9km, ML4.0, mb3.9/1(NEIC), Error ellipse: s-maj=18.9km s-min=15.3km az=67.0

NEIC 21 02:58:51.2±0.8, 16.9S±0.1, 171.9W±0.1, h90km±32km, Error ellipse: s-maj=21.0km s-min=19.4km az=50.0, Southern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB12 IPOC Station P, PB16 IPOC Station P, etc.

MAN 21 03:09:14.9, 5.75N-127.03E, h144km, mb4.4, ML3.2, MS3.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DDMP Don Marcelino, SKMP Bagumbayan, Su, etc.

MAN 21 03:28:53.8, 6.63N-125.37E, h1km, MS2.5, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DDMP Don Marcelino, SKMP Bagumbayan, Su, etc.

ICD 21 03:33:42.6±3.2, 30.37S±177.74W, h0km, mb3.5/2, mb1.3/6.2, mb1mx3.6/32, mbtmp3.5/2, Error ellipse: s-maj=70.2km s-min=25.8km az=106.0

NEIC 21 03:33:44.7±1.8, 30.37S±177.9W±0.1, h25km±7km, mb4.3/7, Error ellipse: s-maj=16.0km s-min=5.5km az=71.0

ISC 21 03:33:46.8±1.3, 30.45S±0.08, 177.8W±0.2, h46km±n15, s171/17, mb4.1/5, Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EI Pedregal, Coronel Fontan, CFA, etc.

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

MAN 21 04:10:01.8, 5.68N, 126.10E, h13km, MS3.3, 2D, IDC 21 04:28:37.5, 7.6, 25.75S, 178.87W, h336km, 70km, mb3.5/6, mb1 3.8/7, mb1mx3.4/28, mbmt4.3/7, Error ellipse: s-maj=34.5km s-min=22.1km az=50.0, ISC 21 04:28:43.0, 0.8, 26.12S, 178.9W, 0.1, h389km, n33, r150/41, mb3.9/6, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RIZ, GLKZ, OUH, KUZ, etc.

JMA 21 04:56:42.7, 0.1, 24.70N, 121.190E, h72km, 2km, M2.5 TAP 21 04:56:43.2, 24.69N, 121.91E, h67km, ML3.3, C ISC 21 04:56:43.3, 1.2, 24.74N, 121.92E, 0.02, h70km, 5km, n100, c0668/183, 17C-2D, Taiwan

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWP1, ENAH, ENAH, ENAH, etc.

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

JMA 21 05:02:32.1, 0.4, 46.71N, 141.65E, h14km, M3.3 SKHL 21 05:02:32.2, 0.6, 46.57N, 141.81E, h10km, mb4.4/8 SKHL Felt (III) at Nevel'sk. ISC 21 05:02:32.4, 1.9, 46.57N, 141.84E, 0.08, h6km, 14km, n9, c1818/14, Sakhalin Island

21d 6h

Table with columns for station code, name, time, and various parameters. Includes stations like YM05, OWD, YM04, HGSD, YM03, IRIF, WLTB, ANP, TWS1, TWY, NTST, EHY, VWDT, VVDT, HATJ, NCU, NCUH, LIOB, NSTT, WHP, YULB, YULB, TW1, DPDB, PCYT, PCYT, SBBC, SSSL, SSSL, SMLT, SMLT, JKRS, JKRS, TYC, TYC, TYC, FULB, TWQ1, TWQ1, NMLH, NMLH, CHKT, CHKT, NSY, NSY, WHYT, WHYT, PTBS, PTBS, JIJ, JIJ, TCU, TCU, WJS, WJS, WJS, WDJ, WDJ, WNT, WNT, ALS, ALS, ELDTW, ELDTW, WCHH, WCHH, CHNS, CHNS, CHNS, JISG, JISG, WDLH, WDLH, STYT, STYT, TWGT, TWGT, TPUB, TPUB.

2014 JUL

Table with columns for station code, name, time, and various parameters. Includes stations like TPUB, TWG, TTN, RLNB, CHN2, WTP, CHY, CHY, WTCT, TWK, TWK, TWK, CHN1, CHN1, SNST, SGST, SGST, SLGT, SLGT, SLGT, JTJ, JTJ, ECL, CHN8, CHN8, SSD, SSD, MASBT, MASBT, TW1, TW1, LAY, EAST, SCZT, SCZT, PTTC, PHUB, PHUB, PNG, PNG, WDG, WDG, TWKBT, TWKBT, TWK1, TWK1, VVUC, VVUC, MATB, MATB, VCHM, VCHM, PTMZ, LYJJ, LYJJ, XPSS, XPSS, MHZO, KNM, KNMB, AXDP, ZPLA, Code, Station Name, Phase ID, Time Res, ISC.

Table with columns for station code, name, time, and various parameters. Includes stations like PMG, PMG, PMG, PMG, HNR, COEN, COEN, JAY, PATS, CTAO, SARAU, EIDS, DZM, DZM, KWAJ, KWAJ, GUMJ, GUMJ, SIJI, SIJI, WRO, WRO, WBO, WBO, MTN, MTN, WRAB, WRAB, WB2, WB2, WRA, WRA, WRA, WRA, ARMA, ARMA, ARMA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, FORT, FORT, JCJ, JCJ, PSAD2, PSAD2, PSAD1, PSAD1, PSAB2, PSAB2, PSAB2, PSAB2, PSA00, PSA00, PSA00, RPZ, RPZ, GIRL, GIRL, MJAR, MJAR, KRSR, KRSR, KRSR, NJ2, NJ2, NJ2, USRK, USRK, USRK, ENH, ENH, ENH, GYA, GYA, GYA, TBI, TBI, XAN, XAN, XAN, KMI, KMI, KMI, KLR, KLR, KLR, CMAR, CMAR, CMAR, CMAR, PETK, PETK, PETK, CD2, CD2, CD2, HHC, HHC, HHC, HHC, HHC, LZH, LZH, LZH, LZH, LZH, LZH, HIA, HIA, HIA, GTA, GTA, GTA, ULN, ULN, ULN, SONM, SONM, SONM, SONM, SONM, SONM, YAK, YAK, BILL, BILL, WMQ, WMQ, WMQ, SUA, SUA, SUA, PMR, PMR.

1030

Buji 21 06:00:56.8:0.0, 6.23S; 153.19E, h12km, mB5.0/27, mb4.9/37, Ms4.4/3, Ms7.4/2/3
NEIC 21 06:01:02.9:1.9, 6.31S; 0.06:152.92E:0.09, h37km, 5km, mb4.9/58, Error ellipse: s-maj=12.6km s-min=8.9km az=105.0
GCMT 21 06:01:02.9:0.3, 6.43S; 0.03:152.82E:0.03, h34km, MW4.9/64, Moment Tensor Solution. s28.c32; s64.c20; Duration: 0. Moment tensor. Scale 10^16Nm; Mrr-3.38e-80; Mss-2.35e-11; Mtt-1.03e-11; Mtr-1.05e-10; Mts-0.65e-06; Mtt-0.54e-11; Best double couple: Mo3.22100x10^16 Np1.9e291.00000, s34.00000, a-92.00000. NP2: o=114.00000, s66.00000, a-89.00000. Principal axes: T 2.8370, Plg11.00000, Azm203.00000; N 0.7680, Plg1.00000, Azm293.00000; P -3.6050, Plg7.00000, Azm29.00000; nsta2 refers to surface waves, cutoff=40s.
moment-rate function
DJA 21 06:01:03.9:1.7, 6.1S; 3.15E, 1.0, h33km, 16km, M5.1/8, mb5.3/3, mb4.7/8, MLv5.3/2, Mw(mB)4.7/3
IDC 21 06:01:04.8:0.8, 6.29S; 152.74E, h47km, 5km, mb4.0/15, mb1.4/2/16, mb1mx0.4/0, mbtmp4.3/16, MS3.7/26, Ms1.3/8/26, ms1mx3.7/38, Error ellipse: s-maj=15.8km s-min=8.6km az=90.0
ISC 21 06:01:02.9:0.6, 6.35S; 0.05:152.95E:0.07, h35km, 2km, h35km; pP-P, n118, c1911/118, mb4.8/52, MS3.7/25, 1C-1D, New Britain region
Code Station Name Δ° AZ° Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MRL Marmol, FUG Fuego 3, COEB Comit de Eme, etc.

RSNC 21 10:18:33.5-0.6, 6.82N-73.15W, h140km, 4km, ML3.1, Mw3.4
IDC 21 10:18:38.7-6.5, 5.94N-75.85W, h155km, 74km, Error ellipse: s-maj=232.6km s-min=98.4km az=46.0

Main table for 21d 11h section, listing various seismic stations and their data points.

MEX 21 10:18:49.1-0.6, 14.41N-92.53W, h34km, 55km, MD3.1, Near coast of Chiapas

Table for MEX 21 section, listing stations like PCIG Comitan, GUVV San Jose del G, etc.

NNC 21 10:27:57.0-10.0, 37.18N-70.68E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=81.8km s-min=55.5km az=171.0
ISC 21 10:27:52.1-0.7, 36.48N-0.005-71.36E, 0.06, h100km, n53, c270/61, mb4.2/6, 6C-2D, Afghanistan-Tajikistan border

Main table for 2014 JUL section, listing stations like GAR Garm, KBL Kabul, CHGR Chuyangaron, etc.

IDC 21 10:39:42.1-0.9, 7.50S-154.41E, h0km, mb4.2/12, mb1.4/4.1, mb1mx4.1/37, mbtmp4.2/14, ML4.3/2, MS3.4/10, Ms1.3/5.10, ms1mx3.2/25, Error ellipse: s-maj=28.8km s-min=18.8km az=124.0
NEIC 21 10:39:44.9-1.9, 7.44S-154.4E, 0.1, h18km, 5km, Error ellipse: s-maj=15.1km s-min=7.9km az=69.0
DJA 21 10:39:51.2-0.6, 7.54S-154.4E, 0.1, h53km, 10km, M4.8/9, mb4.5/9, mb4.7/3, MLV5.0/2, Mw(mB)3.9/3
ISC 21 10:39:46.3-0.6, 7.45S-0.07, 154.4E-0.1, h27km, n59, c090/51, mb4.4/24, MS3.5/7, Bougainville-Solomon Islands region

Table for IDC 21 section, listing stations like KRVT Karavat, KRVT Honiara, PMG Port Moresby, etc.

Main table for 1034 section, listing stations like WRAB Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

PDG 21 11:12:28.3-0.3, 42.11N-15.98E, h12km, 2km, ML3.4/14, Error ellipse: s-maj=0.9km s-min=2.1km az=0.0
ROM 21 11:12:28.5-0.2, 42.106N-0.009-15.89E-0.01, h26km, ML3.4/1, Error ellipse: s-maj=1.2km s-min=0.5km az=221.0
LDG 21 11:12:28.3-0.3, 42.16N-15.88E, h7km, M3.5/19, Error ellipse: s-maj=7.3km s-min=3.7km az=70.0
BEO 21 11:12:28.4-0.9, 41.70N-16.08E, h0km, ML3.5/9
IDC 21 11:12:26.7-4.2, 42.81N-16.24E, h0km, mb3.3/1, mb1.3/4.3, mb1mx3.2/33, mbtmp3.3/3, ML3.2/2, MS3.2/1, Ms1.3/2.1, ms1mx2.0/33, Error ellipse: s-maj=84.4km s-min=24.7km az=51.0
ISC 21 11:12:28.7-0.9, 42.14N-15.81E-0.02, h31km, 7km, n207, c191/213, 4C-12D, Adriatic Sea

Table for PDG 21 section, listing stations like TREM Isolo Tremiti, TREM Isolo Tremiti, TREM Isolo Tremiti, etc.

Table with columns: TCOL, CIGO, UAF Yank, 1.23 30 P, Pn, 13 22 08.9 +0.2, etc. Lists various stations and their coordinates.

Code Station Name Az AzZ Phase ID Time Res ISC
Op h m s ISC

Table with columns: CFA, Coronel Fontan, 0.92 271 P, Pn, 13 35 04.8 +0.3, etc. Lists stations like Coronel Fontan, Juntas del Tor, etc.

KRSC 21 13:34:59.14, 6.49, 72N x 156.47E, h34km, 19km, ML3.8,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Severo-Kuril's, Alaid, KDRTR, etc.

IDC 21 13:53:26.2, 7.1, 4.92N, 76.22W, h66km, 70km, mb3.1/1,
mb1 3.5/1, mb1mx3.0/33, mbtp3.5/1, Error ellipse:
s-maj=94.4km s-min=52.8km az=41.0
RSNC 21 13:53:27.1-1.4, 8.00N, 76.02W, h32km, 9km, ML3.2,
Mw3.5

ISC 21 13:53:25.3-1.1, 4.80N, 0.02-76.03W, 0.02, h32km, 11km,
n43, a172/75, 4C-8D, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like San Jos del P, Recreo, Santa Ana, etc.

Table with columns: SPBC, San Pablo de B, 2.13 66 eP, Pn, 13 54 00.6 +1.9, etc. Lists stations like Betania, Dabeiba, Chingaza, etc.

EAF 21 14:31:05.4, 1.1, 26.14S, 30.58E, h0km, 22km, MD3.9
BUL 21 14:31:06.5, 1.0, 26.15S, 30.63E, h23km, 26km, MD3.9
IDC 21 14:31:09.2, 8.5, 25.64S, 29.26E, h0km, mb1 3.0/1,
mb1mx2.9/26, mbtmp3.0/1, ML2.2/1, Error ellipse:
s-maj=91.4km s-min=57.4km az=139.0
ISC 21 14:30:57.1-2.3, 25.83S, 0.06-30.0E, 0.1, h10km, n9

21d 14h

Table with columns: ID, Name, Time, Value, Unit, Status, Diff, Value, Unit, Status, Diff. Includes entries like P49A Miami Univ. Ec, ZARC Zaragoza, CAUC, etc.

2014 JUL

Table with columns: ID, Name, Time, Value, Unit, Status, Diff, Value, Unit, Status, Diff. Includes entries like O53A New Philadelphia, B8A Blacksburg, F48A Evansville, etc.

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Table with columns: ID, Name, Time, Value, Unit, Status, Diff, Value, Unit, Status, Diff. Includes entries like R58A Rapidan, D50A G1974 Best Tow, F58B Mineral, etc.

KPKS	baz=310	iPP	PP	15 13 07.1	-0.9	
KPKS	baz=310	iSKS	SKS	15 17 55.0	-1.2	
KPKS	Kokpek	112.61 310d	iP	Pdif	15 08 17.4	+0.1
KPKS					15 12 08.0	
KPKS					15 13 07.1	
KPKS	comp=Z,62nm,2.5s					
BHK	Bhakra	112.69 297	ex	PKIKP	15 12 09.6	+0.6
BHK					15 14 49.2	
J58A	Remsen	112.75 50	P	Pdif	15 08 18.6	+0.7
SATY	Saty	112.76 309	iP	Pdif	15 08 18.1	0.0
SATY	comp=Z,36nm,2.5s,baz=309					
SATY					15 12 08.5	-0.4
SATY	baz=309				15 13 08.4	-0.8
SATY	comp=Z,11m,4.5s,baz=309					
SATY	Saty	112.76 309d	iP	Pdif	15 08 18.1	0.0
SATY					15 12 08.4	
SATY					15 13 08.3	
SATY	comp=Z,36nm,2.5s					
H57A	Richville	112.79 49	P	Pdif	15 08 18.3	+0.4
L59A	Walton	112.80 52	P	Pdif	15 08 18.7	+0.5
LORIO	Orleans, Innes	112.80 48	P	Pdif	15 08 18.4	+0.4
O61A	Allentown	112.92 54	P	Pdif	15 08 18.6	0.0
DHRM	DHARAMSHALA	112.93 297	eP	Pdif	15 08 17.1	-2.1
DHRM					15 08 28.8	
DHRM	comp=Z,64nm,0.4s					
DHRM					15 12 07.9	
TDK	Taldygorghan	112.96 311	iP	Pdif	15 08 18.6	-0.2
TDK	baz=311				15 12 08.2	-0.8
TDK	comp=Z,11m,4.9s,baz=311					
TDK	Taldygorghan	112.96 311	iP	Pdif	15 08 18.5	-0.2
TDK					15 12 08.2	
TDK	Sainte-Anne-du	112.97 46	P	Pdif	15 08 19.3	+0.6
K59A	Cooperstown	113.00 51	P	Pdif	15 08 18.7	-0.3
M60A	Port Jervis	113.01 53	P	Pdif	15 08 19.7	+0.7
I58A	Old Forge	113.01 50	P	Pdif	15 08 20.7	+1.6
G57A	Newington	113.14 49	P	Pdif	15 08 20.9	+1.4
E56A	St. Veronique	113.23 47	P	Pdif	15 08 21.4	+1.5
KURK	Kurchatov	113.25 318d	iPKIKP	PKIKP	15 12 08.4	-1.0
KURK						
KURK	Kurchatov	113.25 318	Pdif	PKIKP	15 08 22.2	+2.4
KURK	Kurchatov	113.25 318	P	PKK	15 22 57.4	-0.4
KURK	Kurchatov	113.25 318	P	PKIKP	15 12 08.6	-0.8
KURK	Kurchatov	113.25 318	P	PKIKP	15 13 08.8	-3.4
KURK	Kurchatov	113.25 318	P	PKIKP	15 14 48.4	+0.8
KURK	Kurchatov	113.25 318	P	PKIKP	15 25 43.1	-2.9
KURK	Kurchatov Arra	113.31 317	Pdif	PKIKP	15 08 19.0	-1.1
KURBB	comp=Z,1.1nm,0.7s,baz=124,slow=3.0,SNR=8.4					
KURBB					15 12 08.6	-0.9
KURBB	comp=Z,143nm,0.6s,baz=92,slow=1.6,SNR=18.8					
KURBB					15 13 08.8	-3.8
KURBB	comp=Z,36nm,0.8s,baz=91,slow=7.3,SNR=7.8					
KURBB					15 14 48.4	
KURBB	comp=Z,56nm,0.8s,baz=92,slow=1.7,SNR=8.1					
KURBB					15 22 57.0	-0.7
KURBB	comp=Z,17nm,0.6s,baz=276,slow=4.0,SNR=22					
KURBB					15 25 43.1	-2.8
KURBB	comp=Z,13nm,0.7s,baz=280,slow=3.3,SNR=18.5					
KURBB					15 12 07.9	-1.6
J59B	Plesco	113.31 50	P	Pdif	15 08 21.6	+1.2
LONLY	Lake Ozonia	113.38 49	P	Pdif	15 08 21.7	+1.1
THN	Thein Dam	113.44 298	ex	PKIKP	15 12 11.5	+1.2
D56A	ZEC Mazanza, M	113.46 46	P	Pdif	15 08 22.5	+1.6
M61A	Granite Spring	113.65 53	P	Pdif	15 08 23.5	+1.6
H58A	Gabriels	113.65 49	P	Pdif	15 08 23.2	+1.3
K60A	Five Rivers En	113.69 51	P	Pdif	15 08 22.9	+0.9
MDOK	Medeo	113.76 309	ePdif	Pdif	15 08 22.9	+0.3
MDOK	comp=Z,556nm,7.0s,baz=309					
MDOK					15 12 10.0	-0.9
MDOK	comp=Z,5um,6.1s,baz=309					
MDOK	Medeo	113.76 309	eP	Pdif	15 08 22.8	+0.3
MDOK					15 12 09.9	
MDOK	comp=Z,556nm,7.0s					
G58A	Orms town	113.80 49	P	Pdif	15 08 24.1	+1.7
I59A	Olmsteadville	113.81 50	P	Pdif	15 08 24.8	+2.2
E57A	Chemin Saint G	113.83 47	P	Pdif	15 08 23.5	+0.9
AAA	Alma-Ata	113.86 309	ePdif	Pdif	15 08 23.8	+0.9
AAA	baz=309				15 12 10.7	-0.3
AAA					15 13 16.1	-0.7
AAA	Alma-Ata	113.86 309	ePKIKP	PKIKP	15 12 10.6	-0.3
AAA						
CHHK	Chushkaly	113.87 310	iPKIKP	PKIKP	15 12 09.8	-1.1
CHHK	Chushkaly	113.87 310	iPKIKP	PKIKP	15 12 09.8	-1.1
CHGQ	Chibougamau	113.89 43	P	Pdif	15 08 24.3	+1.5
L61A	Hillsdale 1, H	113.92 52	P	Pdif	15 08 24.0	+1.0
H59A	Cadyville	114.00 49	P	Pdif	15 08 24.5	+1.1
D57A	Chemin Vers le	114.05 46	P	Pdif	15 08 25.2	+1.7
J60A	Lant Hill Farm	114.09 51	P	Pdif	15 08 25.9	+2.1
K61A	Williamstown	114.15 51	P	Pdif	15 08 25.7	+1.6
FRTB	Farfura	114.19 128	eP	PKIKP	15 12 10.1	-2.1
KSH	Kashi	114.20 305	PKP	PKS	15 12 11.8	0.0
KSH					15 15 46.6	-2.0
KSH					15 18 30.8	+4.1
KSH					15 19 18.3	+1.2
MTBS	Maitube	114.21 309	iPKIKP	PKIKP	15 12 11.2	-0.5
MTBS	Maitube	114.21 309	iPKIKP	PKIKP	15 12 11.1	-0.5
I60A	Shoreham	114.24 50	P	Pdif	15 08 25.6	+1.2
ULHL	Ulahoi	114.27 308	P	Pdif	15 12 11.9	0.0
M62A	Hamden	114.32 53	P	Pdif	15 08 25.7	+0.9
KUU	Kury	114.34 310	iP	Pdif	15 08 24.4	-0.6
KUU	comp=Z,66nm,2.6s,baz=310					
KUU					15 12 10.6	-1.2
KUU	baz=310				15 13 18.3	-1.7
KUU	comp=Z,66nm,2.6s					
KUU	Kury	114.34 310d	iP	Pdif	15 08 24.3	-0.6
KUU					15 12 10.5	
KUU					15 13 18.3	
G59A	Clarenceville	114.41 49	P	Pdif	15 08 26.2	+1.1

E58A	La Victoria	114.43 47	P	Pdif	15 08 26.3	+1.0
L62A	Suffield	114.44 52	P	Pdif	15 08 27.4	+1.6
L61B	Notampton	114.57 52	P	Pdif	15 08 26.9	+0.9
VT1	Waterbury	114.66 49	P	PKP	15 12 12.1	-0.3
H60A	Morristown	114.72 49	P	Pdif	15 08 28.4	+1.8
J61A	Chemin du LacG	114.73 51	P	Pdif	15 08 27.8	+1.2
F59A	Saint Guillaume	114.74 48	P	Pdif	15 08 27.5	+0.9
D58A	Chemin du LacG	114.74 46	P	Pdif	15 08 26.5	-0.1
QUA2	Belchertown	114.80 52	P	PKP	15 12 12.3	-0.3
TKM2	Tokmak 2	114.80 309	P	PKP	15 12 12.2	-0.7
TKM2	Tokmak 2	114.80 309	P	PKP	15 12 11.8	-1.2
LAT0	La Tuque	114.83 46	P	Pdif	15 08 27.7	+0.7
HNH	Hanover	114.95 50	P	PKP	15 12 12.8	-0.1
E59A	St. Maurice	114.97 47	P	Pdif	15 08 28.6	+1.0
KZA	Kyzart	114.99 308	P	PKIKP	15 12 13.6	0.0
G60A	Masonville	115.01 49	P	Pdif	15 08 28.3	+0.5
LBNH	Lisbon	115.25 50	PKIKP	PKP	15 12 13.5	0.0
LBNH	Lisbon	115.25 50	P	PKP	15 12 13.5	0.0
KBK	Karagaybulak	115.26 309	P	PKP	15 12 13.5	-0.3
J62A	Henniker	115.26 51	P	Pdif	15 08 32.0	+3.0
H61A	Lyndonville	115.27 49	P	Pdif	15 08 31.1	+2.0
L63A	North Scituate	115.31 52	P	Pdif	15 08 31.8	+2.6
F60A	Warwick	115.33 48	P	Pdif	15 08 30.9	+1.6
BRYV	Bryant College	115.37 52	P	PKP	15 12 13.7	-0.1
HRV	Adam Dzewonski	115.40 52	P	PKIKP	15 12 14.0	+0.2
HRV	Adam Dzewonski	115.40 52	P	PKIKP	15 08 32.7	+3.6
HRV	Adam Dzewonski	115.40 52	P	PKIKP	15 12 14.0	+0.2
CHMS	Chumysky	115.43 309	P	PKP	15 12 13.4	-0.5
K63A	Dunstable	115.43 51	P	Pdif	15 08 32.7	+2.9
FRU1	Bishkek	115.50 309	PKIKP	PKP	15 12 13.6	-0.5
FRU1	Bishkek	115.50 309	P	PKP	15 12 13.6	-0.5
UCH	Uchitor	115.55 308	P	PKIKP	15 12 14.9	+0.2
M64A	Tiverton	115.59 53	P	Pdif	15 08 31.0	+0.6
AAK	Ala-Archa	115.59 309	P	PKP	15 12 14.0	-0.4
AAK	Ala-Archa	115.59 309	iPKP	PKP	15 12 14.0	-0.4
AAK	Ala-Archa	115.59 309d	iPKP	PKP	15 12 13.8	-0.6
AAK						
AAK	comp=Z,40nm,0.6s					
AAK	Ala-Archa	115.59 309	P	PKP	15 12 13.8	-0.6
G61A	St-Isidore-de-	115.59 49	P	PKP	15 12 14.1	-0.1
USP	Osipovka	115.63 309	P	PKP	15 12 13.6	-0.7
G62A	Osipovka	115.63 309	P	PKP	15 12 13.6	-0.7
I62A	Tamworth	115.65 50	P	Pdif	15 08 32.4	+1.7
I62A	Tamworth	115.65 50	P	PKP	15 12 14.2	-0.1
NIL	Nilore	115.67 299	PKIKP	PKP	15 12 13.7	-1.0
NIL	Nilore	115.67 299	P	PKP	15 12 13.7	-1.0
E60A	Ste Agathe de	115.70 47	P	Pdif	15 08 33.2	+2.3
J63A	Stratford	115.80 51	P	Pdif	15 08 33.7	+2.3
H62A	Milan	115.82 49	P	Pdif	15 08 30.3	+3.5
H62A	Milan	115.82 49	P	PKP	15 12 14.5	-0.1
OBIP	Obispo Ponce	115.88 79	P	PKP	15 12 14.3	-1.1
F61A	Chartiste	116.00 48	P	Pdif	15 08 34.7	+2.5
BTL5	Baital	116.05 311	iP	Pdif	15 08 33.8	+1.3
BTL5	comp=Z,14nm,1.8s,baz=311					
BTL5					15 12 14.6	-0.5
BTL5	baz=311				15 13 30.6	-1.1
BTL5	comp=Z,80nm,3.4s,baz=311					
BTL5	Baital	116.05 311	iP	Pdif	15 08 33.8	+1.3
BTL5					15 12 14.5	
BTL5					15 13 30.6	
BTL5	comp=Z,14nm,1.8s					
D60A	Saint Jean D'O	116.07 47	P	Pdif	15 08 34.2	+1.7
EKS2	Erkin-Say	116.12 309	P	PKP	15 12 15.2	-0.2
AML	Almalyshay	116.15 308	P	PKP	15 12 15.6	-0.2
I63A	Otsfield	116.20 50	P	Pdif	15 08 36.4	+3.2
I63A	Otsfield	116.20 50	P	PKIKP	15 12 15.3	0.0
G62A	West of Eustis	116.29 49	P	Pdif	15 08 36.9	+3.3
G62A	West of Eustis	116.29 49	P	PKP	15 12 15.0	-0.5
VAG	Valinhos	116.30 130	eP	PKP	15 12 13.8	-2.5
SJG	San Juan	116.32 79	PKIKP	PKP	15 12 15.3	-1.0
SJG	San Juan	116.32 79	P	PKP	15 12 15.3	-1.0
E61A	Lac Etchemin	116.36 47	P	PKP	15 12 14.9	-0.6
PTGA	Pitinga	116.36 101	PKP	PKP	15 12 16.0	-0.6
PTGA	comp=Z,19nm,0.6s,baz=245,slow=2.6,SNR=19					
PTGA					15 13 32.6	-1.7
PTGA	comp=Z,13nm,0.8s,baz=244,slow=7.4,SNR=14					
PTGA					15 22 47.1	+0.3
PTGA	Pitinga	116.36 101	PKK	PKK	15 22 43.7	-3.0
PTGA	Pitinga	116.36 101	P	PKP	15 12 15.9	-0.6
PTGA	Pitinga	116.36 101	eP	PKP	15 12 16.2	-0.3
PDPR	Pattilas Dam,	116.42 79	P	PKP	15 12 15.3	-1.2
G6PR	Guaynabo City	116.43 79	P	PKP	15 12 15.4	-1.0
D61A	St Aubert, Com	116.48 46	P	Pdif	15 08 37.	

BLSS	eSS	SS	15 33 42.4	+0.2	LVV	eSS	SS	15 34 47.7	+1.0	NIE	Niedzica	146.91 337	ePKPdf	PKPdf	15 13 12.8	+0.6	
BLSS	IVMS_BB	IVMS_BB	15 52 35.4		LVV	MLR	MLR			NIE	ePP	SKKSac	SKKSac	15 15 57.5	+1.8		
comp=Z,1um,43.2s					LVV	MLR	MLR			NIE	ePP	SKKSac	SKKSac	15 22 36.1	-0.5		
SIRT Sirnak	140.43 305	eP	PKPdf	15 12 50.8	-1.1	comp=N,2um,22.0s				EFOR	EFORIE	146.95 323	PKPdf	PKPdf	15 13 13.4	+1.0	
GIRO Guroymak-BITLI	140.46 307	eP	PKPdf	15 12 53.4	-8.1					KSP	Ksiaz	146.95 343	ePKPdf	PKPdf	15 13 12.4	+0.2	
Karmoy	140.59 357	ePKPdf	PKPdf	15 12 54.6	-6.2					KSP			ePKPdf	PKPdf	15 13 12.9	+0.9	
PABE Paberze	140.60 340	eP	PKPdf	15 12 55.4	-5.6	comp=Z,2um,22.0s				KSP			ePKPdf	SKKSac	15 15 57.8	+2.1	
VRTB Varto-Mus	140.71 308	eP	PKPdf	15 12 54.6	-7.4	GMM Mts of Mourne	145.18 8	eP	PKPdf	15 13 08.9	-0.2			ePKPdf	SKKSac	15 22 36.4	-0.3
PBUR Paburge	140.78 342	eP	PKPdf	15 12 56.1	-5.2	CORE Corum	145.23 313	eP	PKPdf	15 13 10.0	+0.2			ePKPdf	SKKSac	15 34 51.2	-6.4
SVAN Silvan-Diyarba	141.20 307	eP	PKPdf	15 12 55.5	-7.3	BSEG Bad Segeberg	145.31 351	ePKPdf	PKPdf	15 13 09.7	+0.4			ePKPdf	SKKSac	15 13 12.2	-0.2
ANN Anapa	141.28 318d	PKHKKP	PKPpre	15 13 04.2		baz=19,slow=1.5				HARR Harsova	146.95 325	eP	PKPdf	PKPdf	15 13 12.2	-0.2	
ANN				15 15 15.2		BSEG	baz=17,slow=2.5			HARR Harsova	146.95 325	PKKIKP	PKKIKP	PKKIKP	15 13 12.2	-0.2	
ANN				15 16 11.8		BSEG	baz=18,slow=2.2			ASSE Asse, Remlinge	147.00 350	ePKPdf	PKPdf	PKPdf	15 13 12.2	+0.1	
ANN				15 16 11.8		BSEG	baz=18,slow=2.2			ASSE	baz=19,slow=1.5			ePKPdf	PKPdf	15 13 16.0	+0.7
ANN				15 16 11.8		BSEG	baz=18,slow=2.2			ASSE	baz=17,slow=2.5			ex	x	15 15 58.4	
ANN	comp=Z,332nm,0.7s			15 16 11.8		IOMK Kirk Michael	145.32 6	eP	PKPdf	15 13 06.7	-2.7			ePP	PP	15 16 45.4	-0.6
ANN	comp=N,124nm,0.8s			15 16 11.8		HLG Helgoland	145.38 353	ePKPdf	PKPab	15 13 10.7	-0.5			ePP	PP	15 16 45.4	-0.6
ANN	comp=E,36nm,0.6s			15 16 11.8		HLG	baz=17,slow=2.5			HLG	baz=17,slow=2.5			ePP	PP	15 16 45.4	-0.6
ANN	comp=Z,3um,3.2s			15 16 11.8		HLG	baz=18,slow=2.2			HLG	baz=18,slow=2.2			ePP	PP	15 16 45.4	-0.6
ANN	comp=Z,220nm,0.7s			15 16 11.8		WIM Isle of Man	145.42 6	eP	PKPdf	15 13 08.6	-0.9			ePP	PP	15 16 45.4	-0.6
HOMB Homborsund	141.29 354	ePdif	Pdif	15 10 25.3	+0.9	GDLE Gladstone, N Y	145.43 2	eP	PKPdf	15 13 07.8	-1.8			ePKKPab		15 23 45.2	
HOMB		ePKPdf	PKPdf	15 12 55.8	-6.3	KOZT Kozaan	145.44 308	eP	PKPdf	15 13 09.9	-0.2			ePKKPab		15 23 45.2	
HOMB		eSKPdf	SKPdf	15 15 40.6	+1.1	ILGAZ Ilgaz	145.45 315	eP	PKPdf	15 13 10.3	0.0			ePKKPab		15 23 45.2	
HOMB		eSS	SS	15 33 47.2	-6.1	LEOM Leova	145.62 327	PKPdf	PKPdf	15 13 10.4	+0.3			ePKKPab		15 23 45.2	
KTUB Trabzon	141.32 312	PKPdf	PKPdf	15 12 56.2	-6.6	LEOM Leova	145.62 327	PKKIKP	PKKIKP	15 13 10.4	+0.3			ePKKPab		15 23 45.2	
SMART Snartemo	141.33 355	ePKPdf	PKPdf	15 12 57.1	-5.3	LEOM Leova	145.62 327	PKKIKP	PKKIKP	15 13 10.4	+0.3			ePKKPab		15 23 45.2	
SNART		eSKPdf	SKPdf	15 15 43.4	-0.6	LEOM Leova	145.62 327	PKKIKP	PKKIKP	15 13 10.4	+0.3			ePKKPab		15 23 45.2	
MAZI Mazidag	141.97 306	eP	PKPdf	15 13 00.2	-4.0	HO7N1 FLORES T-PHASB	45.67 48	ePKP	PKPbc	15 13 11.6	-0.6			ePKKPab		15 23 45.2	
KAC Achnashehach	142.05 6	eP	PKPdf	15 12 59.1	-4.5	CEYNT Ceyhan	145.67 307	eP	PKPdf	15 13 10.9	+0.4			ePKKPab		15 23 45.2	
DYBB Diyarbakir	142.06 307	eP	PKPdf	15 13 00.4	-3.9	CANT Kurucusale-Barr	145.71 317	eP	PKPdf	15 13 09.6	-0.8			ePKKPab		15 23 45.2	
SUW Suwalki	142.09 339	ePKPdf	PKPdf	15 12 58.1	-5.6	CANT Kurucusale-Barr	145.73 314	eP	PKPdf	15 13 07.7	+0.1			ePKKPab		15 23 45.2	
SUW		eP	PKPdf	15 15 45.9	+1.6	HO7S1 FLORES T-PHASB	45.74 48	ePKP	PKPbc	15 13 11.3	+0.7			ePKKPab		15 23 45.2	
SUW		eSKSac	SKSac	15 19 25.7	+2.8	HO7S1				15 15 31.6	+0.2			ePKKPab		15 23 45.2	
SUW		eSKKSac	SKKSac	15 22 09.4	+0.3	YASR Vaslui	145.74 327	eP	PKPdf	15 13 10.0	-0.3			ePKKPab		15 23 45.2	
SUW		eSS	SS	15 33 59.9	-3.0	KWAP Kalwaria Pacla	145.83 335	ePKPdf	PKPdf	15 13 10.4	+0.1			ePKKPab		15 23 45.2	
MDO Dochnour	142.20 5	eP	PKPdf	15 12 59.8	-4.1	PRAR Ravara Park	145.85 3	eP	PKPdf	15 13 07.7	-2.6			ePKKPab		15 23 45.2	
AKASG Malin Array Be	142.23 31	PKHKKP	PKPpre	15 13 00.0		RASCA Rascia	146.01 330	PKPdf	PKPdf	15 13 11.1	+0.4			ePKKPab		15 23 45.2	
comp=Z,419nm,0.3s,ba=41,slow=4.5,SNR=1204				15 13 01.4		RUE Ruedersdorf	146.07 347	ePKPdf	PKPdf	15 13 12.5	+0.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,378nm,0.9s,ba=38,slow=3.3,SNR=17			15 15 46.0	-0.1	RUE Ruedersdorf	146.07 347	ePKPdf	PKPdf	15 13 10.9	+0.3			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=17,slow=2.5			RUE	baz=17,slow=2.5			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=20,slow=3.9			RUE	baz=20,slow=3.9			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.2	
AKASG	comp=Z,16nm,0.7s,ba=234,slow=2.8,SNR=16			15 24 02.9	-2.2	RUE	baz=18,slow=2.2			RUE	baz=18,slow=2.2			ePKKPab		15 23 45.	

21d 14h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like MORC Moravsky Berou, KECS Kecovo, and many others.

2014 JUL

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like WERD Piszkkesteto, SGRZ Singureni, and many others.

1050

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like BCCLA Clavier, BHOU Houvegnez, and many others.

AYDB	Zeytinokoy-Aydi	150.90 314	eP	PKPpdf	15 13 17.3 -1.8	OUR	Ouranopolis	151.99 322	P	PKPpdf	15 13 18.3 -2.1	PRNS	Prines Rethymn	154.57 312	P	PKIKP	15 13 30.8 -2.5
DALY	Dalyan (Mula)	150.93 311	eP	PKPpdf	15 13 17.6 -1.3	RUDO	Rudo	152.00 323	/P	PKPpdf	15 13 19.1 -1.3	IGT	Igitouleitasa	154.60 325	P	PKPpdf	15 13 22.1 -2.1
GADV	Gvkgeada	150.94 320	P	PKPpdf	15 13 16.6 -2.2	SOHO	Sokhos	152.03 323	P	PKPpdf	15 13 17.6 -2.9	VLC	Vlilacollemand	154.66 345	PKPab	PKPab	15 13 51.1 -0.3
GADV	Gvkgeada	150.94 320	eP	PKPpdf	15 13 16.7 -2.1	JAVS	Javornik	152.06 341	/PKPpdf	PKPpdf	15 13 19.5 -1.0	MSSA	Maisana	154.72 347	PKPab	PKPab	15 13 23.1 -1.1
DKL	Dikil	150.95 317	eP	PKPpdf	15 13 17.1 -1.8	JAVS			PKPab	PKPbc	15 13 27.3 -0.5	KEK	Kerkira	154.76 326	P	PKPab	15 13 50.9 -0.7
Samothraki Isl		150.99 320	P	PKPpdf	15 13 17.9 -1.4	JAVS			eP	PKPab	15 13 28.5 -0.9	VAM	Vamos	154.76 313	P	PKPpdf	15 13 24.2 -0.3
YER	Yerkesik	151.04 312	P	PKIKP	15 13 25.9 -0.1	JAVS			eP	PKPab	15 15 46.7 -1.4	TRIP	Tripoli	154.80 319	P	PKPpdf	15 13 23.1 -1.5
YER	Yerkesik	151.04 312	eP	PKPpdf	15 13 17.6 -1.6	JAVS			eP	PKPab	15 15 56.6 +2.2	CHAM	Chania	154.81 313	P	PKPpdf	15 13 24.3 -0.2
BOZC	Bozcaada	151.05 319	eP	PKPpdf	15 13 16.7 -2.3	JAVS			eP	SKKSac	15 16 54.7 +0.3	VLX	Vlachokerasia	154.83 318	P	PKPpdf	15 13 22.7 -2.0
SOKA	Sotho	151.06 341	/P	PKPpdf	15 13 17.8 -1.2	JAVS			eP	SKKSac	15 20 04.7 +0.5	VELI	Velia	154.87 316	P	PKPpdf	15 13 22.7 -1.9
comp=Z,114nm,1.7s,SNR=33						KNT	Kendrikon	152.06 324	P	PKPpdf	15 13 17.4 -3.1	DRD	Drosia	154.88 320	P	PKPpdf	15 13 24.9 -1.2
SOKA	comp=Z,145nm,0.4s			PKPbc	15 13 25.1 -0.3	CEY	Cernicka	152.09 341	/P	PKPpdf	15 13 19.8 -0.6	IMMV	Imera Moni Meta	154.88 313	P	PKPpdf	15 13 24.1 -0.6
SOKA	comp=Z,146nm,1.4s			SKPpdf	15 15 53.9 -1.3	STAL	STALIGIAL	152.11 343		PKPbc	15 13 19.3 -1.2	MURB	Monte Urbino	154.91 341	P	PKPpdf	15 13 24.2 -0.4
BFO	Black Forest	151.06 351	PKIKP	PKPbc	15 13 25.2 -0.2	VAY	Valandovo	152.13 325	/P	PKPpdf	15 13 19.2 -1.4	TSLK	Tsoukalades L	154.91 323	P	PKIKP	15 13 33.9 0.0
BFO	Black Forest	151.06 351	eP	PKPab	15 13 35.6	CIMO	Cimolais	152.14 344		PKPbc	15 13 19.3 -1.2	RLR	Rilosot of Patr	154.96 321	P	PKPpdf	15 13 24.6 -0.1
BFO	Black Forest	151.06 351	eP	PKPab	15 15 53.4 +3.0	SKO	Skopje	152.26 327	/P	PKPpdf	15 13 27.7 -0.7	OSSC	Osservatorio P	155.04 343	P	PKPpdf	15 13 23.5 -1.1
BFO	Black Forest	151.06 351	eP	PKPab	15 13 18.3 -0.6	PLG	Polygros	152.28 322	/P	PKPpdf	15 13 20.1 -0.6	EVGI	Lefkada island	155.05 323	P	PKPpdf	15 13 22.5 -2.3
BFO	Black Forest	151.06 351	eP	PKPab	15 13 35.6 -0.3	MRS	Mrkonji Grad	152.30 336	eP	PKPpdf	15 13 20.1 -0.6	KTHA	Kythira island	155.06 315	P	PKPpdf	15 13 23.1 -1.8
PERS	Pernice	151.07 341	eP	PKPpdf	15 13 18.1 -0.9	HORT	Horlatias	152.33 323	eP	PKPpdf	15 13 18.5 -2.5	SGRT	San Giovanni R	155.07 334	PKPab	PKPab	15 13 24.3 -0.6
KALN	Kalinik	151.07 338	eP	PKPpdf	15 13 18.1 -0.9	FUORN	Openpass-Fuorn	152.36 347		PKPbc	15 13 20.7 -0.4	NORCA	Norcia	155.10 340	PKPab	PKPab	15 13 24.8 0.0
PSMA	Santa Maria	151.09 48	eP	PKPpdf	15 13 25.1 -0.2	THE	Thessaloniki	152.38 323	P	PKPpdf	15 13 19.4 -1.6	BAI	Bari	155.12 332	eP	PKPab	15 13 53.5 +0.1
PSMA	Santa Maria	151.09 48	eP	PKPpdf	15 13 25.1 -0.2	PAIG	Palouri	152.43 321	P	PKPpdf	15 13 17.8 -3.3	ANKY	Antikythira Is	155.12 314	P	PKPpdf	15 13 26.2 +1.2
PSMN	Pico do Norte	151.13 48	eP	PKPpdf	15 13 19.8 +0.5	RIY	Rijeka	152.44 340	P	PKPpdf	15 13 27.9 -0.5	GVDS	Gavdos	155.15 312	P	PKPpdf	15 13 23.4 -1.6
PSMN	Pico do Norte	151.13 48	eP	PKPpdf	15 13 19.8 +0.5	GRG	Griva	152.47 324	P	PKPpdf	15 13 18.8 -2.4	GVD	GVD	155.15 313	P	PKPpdf	15 13 23.5 -1.3
KBA	Koelnbreinspre	151.19 343	/P	PKPpdf	15 13 17.8 -1.4	CTI	Castel Tesino	152.58 345	PKP2	PKPab	15 13 20.1 -0.3	AMT	Artemida-Makis	155.15 319	P	PKPpdf	15 13 20.1 -0.3
KBA	comp=Z,168nm,0.3s			PKPbc	15 13 25.3 -0.6	CTI	Castel Tesino	152.58 345		PKPbc	15 13 20.1 -0.3	SCTE	Santa Cesarea	155.18 328	PKPab	PKPab	15 13 25.3 +0.4
KBA	comp=Z,168nm,0.3s			SKPpdf	15 15 53.9 -1.6	CTI	Castel Tesino	152.58 345		PKPbc	15 13 20.1 -0.3	SCTE	Santa Cesarea	155.18 328	PKPab	PKPab	15 13 53.6 -0.1
TEKS	Tekeris	151.19 333	eP	PKPpdf	15 13 18.8 -0.3	CTI	Castel Tesino	152.58 345		PKPbc	15 13 20.1 -0.3	CGLI	Ceglie Messapi	155.21 330	eP	PKPpdf	15 13 24.1 -0.8
BLCB	Balcova	151.24 313	eP	PKPpdf	15 13 25.1 -0.2	KARP	Karpathos	152.59 310		PKPbc	15 13 28.6 -0.3	KNDR	Katochora Ch	155.23 321	P	PKPpdf	15 13 24.9 -2.3
BALCOV	Balcova	151.24 313	eP	PKPpdf	15 13 17.7 -1.7	KARP	Karpathos	152.59 310		PKPbc	15 13 20.6 -0.9	VTLN	Vitinea	155.23 320	P	PKPpdf	15 13 28.1 -3.1
TURN	Turunc	151.24 312	eP	PKPpdf	15 13 18.0 -1.4	KARP	Karpathos	152.59 310		PKPbc	15 13 20.5 -0.8	FSK	Fiskardo	155.22 322	P	PKPpdf	15 13 23.1 -1.9
PRK	Paraskavi	151.26 318	eP	PKPpdf	15 13 18.2 -1.2	KARP	Karpathos	152.59 310		PKPbc	15 13 20.5 -0.8	ITM	Ithomi	155.24 319	P	PKPpdf	15 13 22.1 -3.0
ECH	Echery	151.34 352	PKIKP	PKPbc	15 13 25.3 -0.7	TUE	Stuetta	152.69 348		PKPab	15 13 43.2 +0.3	ITM	Ithomi	155.24 319	P	PKPpdf	15 13 22.6 -0.5
ECH	Echery	151.34 352	PKIKP	PKPbc	15 13 18.4 -0.8	UDBI	Udbina	152.70 338	/P	PKPbc	15 13 20.9 -0.6	VLS	Valsamata	155.25 322	P	PKPpdf	15 13 24.9 -2.4
DIVS	Divibare	151.35 332	/P	PKPbc	15 13 19.2 -0.3	AON	Aonissos	152.79 320	P	PKPbc	15 13 29.4 +0.1	YAD	Yadok	155.40 300	eP	PKPpdf	15 13 45.0 -0.4
DIVS	Divibare	151.35 332	/P	PKPbc	15 13 18.5 -1.0	AMGA	Amorgos Island	152.84 314	P	PKPbc	15 13 28.6 -0.5	SG1	Sgolgore (BA)	155.42 332	eP	PKPab	15 13 54.8 0.0
DIVS	Divibare	151.35 332	/P	PKPbc	15 13 26.1 -0.1	KLJV	Kijevo	152.91 336	/P	PKPbc	15 13 18.9 -2.7	AQU	L'Aquila	155.44 339	PKIKP	PKPab	15 13 24.9 -0.3
OBKA	Obir	151.36 341	/P	PKPpdf	15 13 19.0 -0.4	BRV	Bratogost	152.94 332	/P	PKPbc	15 13 20.1 -1.0	AQU	L'Aquila	155.44 339	/P	PKPab	15 13 24.5 -0.8
OBKA	comp=Z,24nm,0.8s,SNR=26			PKPbc	15 13 25.6 -0.6	BRV	Bratogost	152.94 332	/P	PKPbc	15 13 20.1 -1.0	PYE	PYLLOS	155.53 316	P	PKPpdf	15 13 21.4 -4.1
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	PHP	Peshkopia	152.98 328	/P	PKPbc	15 13 19.6 -2.3	INTR	Introcacqua	155.56 337	PKPab	PKPab	15 13 45.0 -0.3
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	NVLJ	Novolja	152.98 339	/P	PKPbc	15 13 21.1 -0.5	MATER	Matera	155.56 331	/P	PKPab	15 13 19.0 -6.3
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	LATE	Laterza	155.72 341	PKPab	PKPab	15 13 25.2 -0.4
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	PAOL	Paolis	156.15 335	PKPab	PKPab	15 13 25.5 -0.7
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	PGAV	Gaviera, Arco	156.41 19	/P	PKPab	15 13 26.9 +0.3
OBKA	comp=Z,24nm,0.8s,SNR=26			SKPpdf	15 15 54.2 -1.4	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	PGAV	Gaviera, Arco	156.41 19	eP	PKPab	15 13 28.4 -0.7
UBR	Uberuhur	151.38 348	eP	PKPpdf	15 13 19.2 -0.2	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	PGAV	Gaviera, Arco	156.41 19	eLQ	SS	15 31 05.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 19.2 -0.2	PDG	Podgorica	152.99 330	/P	PKPbc	15 13 20.1 -0.8	PGAV	Gaviera, Arco	156.41 19	eSS	SS	15 36 40.4 0.0
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	KYMI	Kymi, Euboea I	152.99 319	P	PKPpdf	15 13 19.6 -2.3	TIP	Timpangrande	156.71 329	PKPpdf	PKPpdf	15 13 26.8 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	/P	PKPab	15 13 27.3 +0.4
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 13 29.4 -2.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3
UBR	Ubr	151.38 348	eP	PKPpdf	15 13 26.3 -0.1	LIT	Litokhoron	153.00 323	PKIKP	PKPpdf	15 13 28.9 -1.6	PCAB	Cabril	156.72 19	PKPab	PKPab	15 17 40.3 -0.3

Table with columns: PNCN, Station Name, Time, Res, etc. Includes entries for Nicoula, Mahon, Beja, Sao Teotônio, etc.

Table with columns: TA01, Station Name, Time, Res, etc. Includes entries for Diego Aracena, Panta Patache, IPOC Station P, etc.

Table with columns: BKZ, Station Name, Time, Res, etc. Includes entries for Black Stump Fm, Charters Tower, etc.

ISK 21 15:10:50.8, 38°27'N, 176°65'E, h14km, ML1.9/4

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for UZM, UZL, UZL, etc.

ISC 21 15:34:34.1±11.0, 19°27'S-167°72'E, h0km, mb3.9/3,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for DZM, URZ, BKZ, etc.

ISC 21 15:16:19.0±5.0, 20°66'S-109°168'97"E, 0.09h, h31km, m5.0,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for DZM, URZ, BKZ, etc.

ISC 21 15:23:43.8±8.8, 26°14'S-28°62'E, h0km, mb1.3/1,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for STKA, WRA, ASAR, etc.

ISC 21 15:36:40.8±8.4, 26°20'S-29°13'E, h0km, mb1.2/1,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for LBTB, STKA, WRA, etc.

ISC 21 15:28:33.6±5.7, 0.1, 20°08'S-70°39'W, h0km, mb3.9/3,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for WRA, ASAR, etc.

ISC 21 15:28:33.6±5.7, 0.1, 20°08'S-70°39'W, h0km, mb3.9/3,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for TA02, TA01, etc.

ISC 21 15:39:58.0±9.0, 20°44'S-168°76'E, h0km, mb4.1/12,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for DZM, DZM, etc.

ISC 21 15:02:09.0±7.2, 20°55'S-116°78'E, 0.1, h2km, n45,

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Eielson Array, Lajitas Array, O52A Adamsville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOS A, BOS B, I47ZA BOSHOV INFRASO, etc.

NEIC 21 15:56:28.1±1.0, 17.7S:0.2:178.6W:0.2, h61km, 10km, mb4.3/2.0, Error ellipse: s-maj=30.4km s-min=17.8km

NEIC 21 15:56:28.9±1.1, 17.7S:0.2:178.7W:0.2, h61km, 7.3km, mb3.0/0.7, mb1.3/2.7, mb1mx2.9/4.0, mbtmp3.4/3, Error ellipse: s-maj=85.5km s-min=33.2km az=156.0

ISC 21 15:56:27.1±0.9, 17.7S:0.2:178.5W:0.2, h600km, n32, c094/32, mb4.2/1.3, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, KNTN Kantoro, OUZ Omahuta, etc.

ISC 21 15:58:01.7±0.9, 35.91N:137.88E, h0km, mb3.7/5, mb1.3/9.9, mb1mx3.6/6.1, mbtmp3.7/9, ML3.3/4, Error ellipse: s-maj=30.9km s-min=8.7km az=113.0

NEIC 21 15:58:03.0±0.8, 35.96N:104.137.89E:0.08, h10km, 1km, mb4.7/9, Error ellipse: s-maj=12.5km s-min=3.5km az=304.0

JMA 21 15:58:03.0, 36.02N:137.74E, h5km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: e2=219.00000, s4=5.00000, l2=3.00000, NP2: e3=356.00000, s4=4.00000, l2=2.00000. Principal axes: T Plg67.0000, Azm208.0000; N Plg22.0000, Azm14.0000; P Plg5.0000, Azm106.0000;

ISC 21 15:58:02.9±1.1, 36.00N:0.0:137.76E:0.03, h7km, 7km, n41, c092/50, mb3.8/7.7D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNT Takato, JNT Niikaw, JGN Niusakai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRY Yamagatataniai, JYTA Hachijo jima 2, JHU Hachijo jima 2, etc.

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

ISC 21 16:02:20.6±1.8, 3.53S:151.48E, h311km, 40km, mb2.8/3, mb1.3/0.3, mb1mx2.7/3.7, mbtmp3.4/3, Error ellipse: s-maj=162.5km s-min=29.7km az=107.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat (AS076), WRA Warramunga Arr, etc.

NEIC 21 16:15:02.2±1.7, 22.06S:0.03:70.21W:0.07, h44km, 6km, Error ellipse: s-maj=9.0km s-min=4.2km az=93.0

GUC 21 16:15:03.4±0.8, 22.08S:70.13W, h36km, 2km, ML3.4

ISC 21 16:15:05.1±4.0, 22.17S:70.06W, h71km, 25km, mb3.8/1, mb1.3/5.3, mb1mx3.2/3.5, mbtmp3.7/3, Error ellipse: s-maj=52.7km s-min=26.7km az=65.0

ISC 21 16:15:02.3±1.0, 22.10S:0.02:70.20W:0.05, h42km, n55, c152/65, 3C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

LVC Limon Verde 1.30 113 eP Pn 16 15 25.1 +0.8

LVC Limon Verde 1.30 113 eP Pn 16 15 25.1 +0.8

LVC Limon Verde 1.30 113 eP Pn 16 15 25.1 +0.8

LVC IPOC Station P 1.45 193 eP Pn 16 15 24.9 +0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

TA01 Diego Aracena 1.52 1 eP Pn 16 15 26.9 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, AC04 Llanos de Chal, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IPCC 21 16:28:11.4±0.3, 51.52N:16.30E, h0km, ML3.2/3, Error ellipse: s-maj=3.1km s-min=1.8km az=57.0

ISC 21 16:28:12.3±0.5, 51.49N:16.03E, h0km, mb3.5/6, mb1.3/6.13, mb1mx3.5/4.9, mbtmp3.5/13, ML3.1/7, Error ellipse: s-maj=9.9km s-min=5.6km az=106.0

PRU 21 16:28:13.3±0.5, 51.44N:16.12E, h0km, BGR 21 16:28:13.6±0.2, 51.44N:16.10E, h1km, ML3.4/16, Error ellipse: s-maj=3.3km s-min=2.2km az=20.0

ISC 21 16:28:11.0±0.5, 51.51N:0.02:16.15E:0.02, h0km, n89, c197/186, mb3.4/6, Poland

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

Table with columns: Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KHC, Kasperske Hory, MANZ, Moxa, Rotzenmühle, GERESS Array S, etc.

NNC 21 16:37:06.4, 6.39, 82N, 75.68E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=34.4km s-min=20.5km az=164.0

Main table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AAK, TKM2, TKM2, CHMS, KST, TNSS, DGS, DGS, USP, MDOK, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MDP, CPUP, CPUP, TXAR, TXAR, PLCA, MNTX, ANMO, ANMO, TUC, SDCO, etc.

CLL Collim 2.00 263 ePn P 16 50 31.2 +0.4

MORC	comp=Z,92nm,0.5s,baz=337	eSg	Sb	16 50 59.0 +0.1	
OKC	Ostrava-Krasne	2.16 144	ePn	Pn	16 50 33.1 +0.1
OKC			ePn	Pg	16 50 37.5 +0.3
OKC			eSg	Pb	16 50 39.0 +1.4
OKC			eSg	Pg	16 51 06.1 +1.0
OKC	Ostrava-Krasne	2.16 144	ePn	Pn	16 50 33.1 +0.1
OKC			ePn	Pb	16 50 36.6 +0.9
OKC			eSg	Pg	16 51 06.0 +0.9
VRAC	comp=Z,50nm,0.6s				
Vranov	2.30 173	Pn	Pn	16 50 35.5 +0.6	
VRAC	comp=Z,5.1nm,0.3s,baz=355,slow=17,SNR=38	Lg	Lg	16 51 08.6	
VRAC	Vranov	2.30 173	ePn	Pn	16 50 35.7 +0.7
VRAC			ePn	Sb	16 51 08.8 +1.7
VRAC			ePn	Sb	16 50 35.4 +0.5
VRAC			eSg	Pb	16 51 08.5 +1.4
VRAC	Vranov	2.30 173	ePn	Pn	16 50 35.3 +0.4
VRAC	baz=355		eSg	Sb	16 51 08.5 +1.4
TREC	comp=Z,95nm,0.3s,baz=355				
Trest	2.34 191	ePn	Pn	16 50 36.2 +0.8	
TREC			eSg	Pb	16 51 10.0 -0.8
TREC	Trest	2.34 191	ePn	Pn	16 50 39.9 +1.2
TREC			eSg	Pb	16 51 09.5 +1.4
PBCC	Pribram	2.35 217	ePn	Pn	16 50 35.7 +0.0
PBCC			ePn	Pb	16 50 40.0 +1.0
PBCC			ePn	Pb	16 50 39.3 +1.1
KRUC	Moravsky	2.53 177	ePn	Pn	16 50 43.7 +1.6
KRUC			ePn	Sb	16 51 15.1 +1.3
KRUC	Moravsky	2.53 177	ePn	Pn	16 50 39.1 +1.0
KRUC			eSg	Pb	16 51 15.7 +1.9
KRUC	Moravsky	2.53 177	ePn	Pn	16 50 39.1 +1.0
KRUC	baz=358		eSg	Sb	16 51 15.7 +1.9
TANN	Tannenbergha	2.62 245	ePn	Pn	16 50 40.3 +0.1
TANN			ePn	Pg	16 50 47.6 +1.7
TANN			eSg	Pb	16 51 19.3 0.0
OJC	Ojcow	2.68 119	ePn	Pn	16 50 39.9 -0.2
OJC			ePn	Pb	16 50 39.2 -0.9
OJC			ePn	Pg	16 50 46.9 -0.1
OJC			eSg	Pb	16 51 23.0 +1.2
WERD	Werda	2.69 246	ePn	Pn	16 50 41.3 +0.0
WERD			eSg	Pb	16 50 44.5 +0.4
WERD			eSg	Pb	16 51 22.4 +0.2
NKC	Novy Kostel	2.71 241	ePn	Pn	16 50 41.8 +1.1
NKC			ePn	Pg	16 50 48.5 +0.7
NKC			eSg	Pb	16 51 24.5 +1.6
JAVC	Velka Javorina	2.90 160	ePn	Pn	16 50 44.6 +1.4
JAVC			ePn	Pg	16 50 52.4 +1.1
JAVC			eSg	Pb	16 51 30.5 +1.7
JAVC	Velka Javorina	2.90 160	ePn	Pn	16 50 43.7 +0.5
KHC	Kasperske Hory	2.96 215	ePn	Pn	16 50 44.5 +0.4
KHC			ePn	Pb	16 50 51.2 +1.7
KHC			eSg	Pb	16 51 29.4 -1.6
KHC	Kasperske Hory	2.96 215	ePn	Pn	16 50 44.7 +0.6
KHC			ePn	Pb	16 50 50.9 +1.4
KHC			eSg	Pb	16 51 19.1 -1.3
KHC			eSg	Pb	16 51 29.0 +2.8
MOX	Moxa	3.02 254	ePn	Pn	16 50 45.4 +0.7
MOX			ePn	Pg	16 50 54.1 +0.5
MOX			eSg	Pb	16 51 34.8 +2.1
MOX			ePn	Pb	16 50 46.1 +1.1
MANZ	Manzenberg	3.03 240	ePn	Pn	16 50 55.1 +1.2
MANZ			eSg	Pb	16 51 35.3 +2.2
ROTZ	Rotzenmuhle	3.11 236	ePn	Pn	16 50 47.0 +1.0
ROTZ			eSg	Pb	16 51 34.1 -1.4
GECC	GERESS Array S	3.17 211	ePn	Pn	16 50 48.5 +1.5
GECC			eSg	Pb	16 51 53.0 +1.3
GECC			eSg	Sb	16 51 35.3 +3.1
GERES	GERESS Array B	3.17 211	ePn	Pn	16 50 48.4 +1.4
GERES	comp=Z,2.3nm,0.3s,baz=29,slow=12,SNR=44				
GERES	comp=Z,7.4nm,0.3s,baz=33,slow=17,SNR=33				
GERES	comp=Z,7.8nm,0.3s,baz=30,slow=18,SNR=29				
GERES	comp=Z,22nm,0.3s,baz=31,slow=26,SNR=14	Lg	Lg	16 51 35.0	
SMOL	Smolence	3.18 165	eSg	Lg	16 51 40.8 +2.8
SMOL			eSg	Lg	16 51 49.8
WET	Wetzell	3.23 222	ePn	Pn	16 50 48.7 +1.0
WET			eSg	Pb	16 51 38.7 -0.7
LANS	Liptovska Anna	3.23 138	ePn	Pn	16 50 48.5 +0.8
LANS			eSg	Pb	16 50 57.1 -0.5
LANS			eSg	Pb	16 51 40.3 +0.8
MODS	Modra-Piesok	3.30 167	ePn	Pn	16 50 50.0 +1.3
MODS			ePn	Pg	16 50 58.2 -0.7
MODS			eSg	Pb	16 51 43.5 +1.9
MODS			eSg	Lg	16 51 49.3 +1.1
NIE	Niedzica	3.42 128	ePn	Pn	16 51 01.7 +0.4
NIE			eSg	Pb	16 51 01.5 +0.2
NIE			eSg	Pb	16 51 47.1 +1.6
ZST	Bratislava	3.45 170	ePn	Pn	16 50 59.5 +1.8
ZST			eSg	Pb	16 51 44.2 -2.3
ZST			eSg	Pb	16 51 52.9 -1.8
VYHS	Vyhne	3.54 150	ePn	Pn	16 50 52.3 +0.3
VYHS			ePn	Pg	16 51 04.4 +0.7
BSD	Bornholm Skovb	3.61 349	iP	Pn	16 50 53.8 +0.9
BSD			iS	Sb	16 51 33.8 -2.4
CLZ	Clauthal	3.61 276	ePn	Pn	16 50 55.0 +2.0
CLZ			eSg	Pb	16 51 53.0 +1.3
CONA	Conrad Observa	3.67 183	ePn	Pn	16 50 53.1 -0.7
CONA	comp=Z,0.6nm,0.1s,SNR=10		iS	Sn	16 51 37.9 +0.1
GRF	Grafenberg Arr	3.67 241	ePn	Pn	16 50 55.2 +1.4
GRF			eSg	Pb	16 51 54.2 +0.5
MOA	Molin	3.94 199	Pn	Pn	16 50 58.2 +0.7
MOA	comp=Z,6.7nm,0.3s,SNR=14		iS	Sn	16 51 46.2 +1.8
KECS	Kecevo	4.17 136	ePn	Pn	16 50 59.2 -1.5
KECS			ePn	Pg	16 51 14.1 -1.6
KECS			eSg	Pb	16 52 23.1
ARSA	Arzberg	4.36 186	ePn	Pn	16 51 03.2 -0.1
ARSA	comp=Z,2.3nm,0.3s		iS	Sn	16 51 54.5 -0.3
LUNU	Lund	4.36 339	P	Pn	16 51 03.9 +0.7
LUNU			P	Sb	16 51 52.9 -1.8
KOLS	Kolonickie sedl	4.74 122	ePn	Pn	16 51 09.1 +0.7
KOLS			ePn	Pg	16 51 27.6 +1.1
BJUU	Bjov	4.86 339	P	Pn	16 51 10.2 +0.1
KBA	Koelnbreinsper	4.88 203	P	Pn	16 51 11.4 +0.9
KBA	comp=Z,9.0nm,0.7s,SNR=5.9		iS	Sn	16 52 09.0 +1.4
SOKA	Soboth	4.97 189	iPn	Pn	16 51 10.8 -0.9
SOKA	comp=Z,4.0nm,0.3s		iS	Sn	16 52 10.1 +0.2
DEL	Delary	5.08 345	P	Pn	16 51 13.6 +0.6
OBKA	Obir	5.19 192	iPn	Pn	16 51 14.4 -0.4
OBKA	comp=Z,0.5nm,0.3s		iSg	Sg	16 52 47.0 +4.5
WATA	Walderalim	5.20 217	Pn	Pn	16 51 16.7 +1.8
WATA	comp=Z,3.5nm,0.3s,SNR=4.5		iS	Sn	16 52 15.7 0.0
MYKA	Terra Mystica	5.23 199	iPn	Pn	16 51 15.1 -0.2
MYKA	comp=Z,0.6nm,0.2s		iSg	Sg	16 52 48.8 +5.0
WTTA	Wattenberg	5.24 216	Pn	Pn	16 51 17.4 +1.9
WTTA	SNR=4.6		iS	Sn	16 52 18.5 +1.9
MOTA	Moosaln	5.38 220	iPn	Pn	16 51 17.0 -0.3
MOTA	comp=Z,1.0nm,0.2s		iS	Sn	16 52 18.7 -1.3
VXJU	Vaelsfjoe	5.39 353	P	Pn	16 51 18.8 +1.5
VXJU			S	Sb	16 52 17.8 -2.3
ABTA	Abtensbach	5.40 208	iP	Pn	16 51 19.3 +1.6
ABTA	comp=Z,0.2nm,0.2s		iS	Sn	16 52 22.2 +1.6

RETA	Reutte	5.40 223	iS	Sn	16 52 23.4 +2.8
SQTA	Sankt Quirin	5.44 218	Pn	Pn	16 51 19.6 +1.5
SQTA	comp=Z,3.7nm,0.2s,SNR=5.3		iS	Sn	16 52 21.9 +0.4
OSKU	Oskarshamn	5.62 360	P	Pn	16 51 21.6 +1.1
BYXU	Byxelkrok	5.74 5	P	Pn	16 51 23.8 +1.7
FETA	Feichten	5.79 220	iPn	Pn	16 51 25.5 +2.5
FETA	comp=Z,0.8nm,0.3s		iSg	Sg	16 50 37.3 +5.6
ASPU	Aespoe	5.85 2	P	Pn	16 51 25.6 +2.0
DAVA	Damuels	5.94 226	iPn	Pn	16 51 25.7 +0.6
DAVA	comp=Z,1.3nm,0.2s		iSg	Sg	16 53 15.3 +8.7
EKSU	Eksjoe	6.02 356	P	Pn	16 51 27.1 +1.1
VSTU	Vaestervik	6.09 2	P	Pn	16 51 28.5 +1.6
CDU	Champ du Feu	6.55 244	ePn	Pn	16 51 31.2 -2.2
CDU	Champ du Feu	6.55 244	ePn	Pn	16 51 36.0 +2.6
CDU			eSg	Pb	16 53 21.7 -4.4
WIKO	Wikolandet	6.94 2	P	Pn	16 51 39.9 +1.4
HINF	Hinterlandet	7.12 242	ePn	Pn	16 51 38.8 -2.4
HINF			eSg	Sb	16 52 55.9 -6.8
HINF			eSg	Sb	16 53 39.1 -5.2
HAU	Haudompre	7.29 244	ePn	Pn	16 51 41.8 -1.7
HAU			eSg	Sg	16 53 44.7 -5.2
GIVF	Givet	7.33 263	ePn	Pn	16 51 41.8 -2.2
PAGF	Fort de Pagny	7.37 250	ePn	Pn	16 51 42.0 -2.6
BAIF	Balives	7.73 263	ePn	Pn	16 51 47.3 -2.1
KAIS	Kaiserslautern	8.25 91	Pn	Pn	16 51 56.5 -0.3
AKASG	comp=Z,3.1nm,0.3s,baz=280,slow=12,SNR=7.1		Sn	Sn	16 53 24.2 -6.6
AKASG	comp=Z,0.9nm,0.3s,baz=245,slow=38,SNR=1.1		Lg	Lg	16 51 24.5
AKASG	comp=Z,1.5nm,0.3s,baz=18,slow=19,SNR=1.3		Lg	Lg	16 54 51.5 -2.5
CABF	La Chapelle	8.28 237	ePn	Pn	16 54 15.5 -5.8
CABF			eSg	Sg	16 52 03.8 +1.3
HFS	Hagfors	8.68 352	Pn	Pn	16 52 03.9 -1.9
HFS	comp=Z,32nm,0.9s		Sn	Sn	16 52 33.0 -1.9
HFS	baz=165,slow=14		Lg	Lg	16 54 34.5
HFS	comp=Z,0.3nm,0.3s,baz=170,slow=22,SNR=2.4		Lg	Lg	16 54 34.5
LOR	Lormes	9.11 246	ePn	Pn	16 52 06.3 -2.1
LOR	baz=67		eSg	Sn	16 54 41.5 +5.0
MBDF	Montbard	9.30 226	ePn	Pn	16 52 14.2 +3.1
SBF	Saint Saulge	9.42 246	ePn	Pn	16 52 10.2 -2.5
SSF	Sospel	9.71 221	ePn	Pn	16 52 19.7 +3.1
NOA	NORSAR Array B	9.86 346	Pn	Pn	16 52 18.0 -0.6
NOA	comp=Z,0.0nm,0.3s,baz=164,slow=12,SNR=1.9		Sn	Sn	16 54 01.6 -8.4
NOA	comp=Z,0.0nm,0.3s,baz=143,slow=16,SNR=1.5		Lg	Lg	16 55 14.1
PRF	Plogwitz	10.27 211	ePn	Pn	16 52 27.5 +3.1
FRF	La Foret Royal	10.28 222	ePn	Pn	16 52 27.1 +2.7
FINES	FINES Array B	11.28 25	Pn	Pn	16 52 37.4 -0.6
FINES	comp=Z,0.1nm,0.3s,baz=209,slow=11,SNR=2.4		Lg	Lg	16 54 36.4 -8.2
FINES	comp=Z,0.4nm,0.3s,baz=208,slow=21,SNR=5.3		Lg	Lg	16 55 55.9
GRR	Gorron	11.41 260	ePn	Pn	16 52 42.9 +3.0
EKA	Eskdalemuir Ar	12.10 296	Pn	Pn	16 52 46.4 -2.9
SGMF	Saint Gilles	12.51 262	ePn	Pn	16 52 57.4 +2.5
ARCES	ARCES Array B	18.54 10	Pn	Pn	16 54 12.6 -1.0
ARCES	comp=Z,0.2nm,0.3s,baz=191,slow=13,SNR=8.8				

IDC 21 17:01:26.3z:1.1, 19:65N:109:37W, h0km, mb4.0/9,
 mb1 4.3/13, mb1mx4.1/39, mb1mx4.0/13, ML3.9/4, MS4.1/3,
 Ms1 4.1/3, ms1mx3.7/40, Error ellipse: s-maj=43.5km,
 s-min=17.4km az=70.0
 NEIC 21 17:01:27.8z:1.4, 19:51N:0:09:109:38W:0:07, h10km, 5km,
 mb4.5/161, Md4.2/24(MEX), Error ellipse: s-maj=14.1km
 s-min=6.8km az=150.0
 MEX 21 17:01:28.0z:0.5, 19:76N:109:19W, h15km, MD4.2
 ISC 21 17:01:26.9z:0.5, 19:48N:0:06:109:23W:0:03, h10km,
 n224, e1914/224, mb4.4/4.1, Revilla Gigeo Islands
 region

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
H06E	H06E			Op		17 01 57.3	-1.6
H06E	H06E			Sb		17 02 19.1	-1.8
H06E	H06E			eS		17 01 57.3	-1.6
H06E	H06E			eS		17 01 57.1	-1.8
H06E1	SOCORRO T-PHAS	1.74 247	T	T		17 03 55.7	
H06N1	SOCORRO T-PHAS	1.77 250	T	T		17 03 53.4	
H06N	Isla Socorro	1.77 250	eP	Pn		17 01 57.1 -0.5	
H06N	Isla Socorro	1.77 250	eS	Pn		17 02 18.6 -1.6	
H06N	Isla Socorro	1.77 250	Sn	Pn		17 01 57.1 -0.5	
H06N	Isla Socorro	1.77 250	Sn	Pn			

21d 18h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TGUH Tegucigalpa, UN Virginia City, WHAR Woolly Hollow, ELK Elko, etc.

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comp=Z,0.4nm,0.7s,baz=91,slo=2.1,SNR=5.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JHU Hachijo Jima, MJAR Matsushiro Arr, KSR5 Koren Array, WRA Warramunga Arr, etc.

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comp=Z,2.50/34,mb4.5/6,Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FAKI Fak Fak, SJUJ Sorong, JAY Jayapura, MTN Manton Dam, etc.

Table with columns: WB0, Warramunga Arr, 22.55 225 P, P, 18 22 56.1 -0.9, 18 23 07.9. Includes stations like Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

IDC 21 19:02:44.7-19.0.31.08S:179.96E,h265km,210km, mb3.0/2,mb1 3.4/3,mb1mx3.0/28,mbtmp3.8/3, Error ellipse: s-maj=237.3km s-min=42.0km az=2.0

NEIC 21 19:02:52.3-0.5.31.5S:0.2-17.9E:0.3,h339km,15km, mb4.5/9, Error ellipse: s-maj=44.6km s-min=23.0km az=136.0

WEL 21 19:02:55.4-1.0.32.5S:14.17E:9.37,h164km,53km, M4.7/13,mb4.9/5,MLV4.9/13,Mw(mb)4.2/5

ISC 21 19:02:51.2-0.8.31.80S:0.08-179.9E:0.2,h350km,n42, z=1451,m1,mb3.9/5,Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Green Lake, Matakaoa Point, Warramunga Arr, etc.

IDC 21 19:16:08.0-1.5.5:63N:126.64E,h0km,mb3.5/5, mb1 3.7/5,mb1mx3.4/9,mbtmp3.5/5, Error ellipse: s-maj=111.1km s-min=23.9km az=72.0

ISC 21 19:16:12.7-1.2.5.8N:0.2-127.1E:0.2,h35km,n6,1/1818/8, mb3.5/5,1C,Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kidapawan, Fitzroy Crossi, etc.

Table with columns: WRA, Warramunga Arr, 26.49 165 P, P, 19 21 47.3 +0.3. Includes stations like Warramunga Arr, Alice Springs, etc.

NEIC 21 19:24:43.1-1.8.41.07N:0.02-112.87W:0.04,h0km,2km, ML2.0/43, Error ellipse: s-maj=5.6km s-min=4.0km az=99.0

IDC 21 19:24:43.7-1.7.41.08N:112.88W,h0km,mb1 2.9/1, mb1mx2.8/52,mbtmp2.4/1,ML3.6/1, Error ellipse: s-maj=47.6km s-min=5.4km az=159.0

ISC 21 19:24:42.6-1.0.41.13N:0.03-112.79W:0.04,h0km,n25, z=956/24,Utah

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Big Grassy Mtn, South Promonto, etc.

IDC 21 19:25:28.5-1.3.1.98S:128.29E,h0km,mb3.6/3, mb1 3.6/5,mb1mx3.4/7,mbtmp3.5/5,ML3.4/2, Error ellipse: s-maj=40.0km s-min=23.5km az=67.0

Halmahera

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

NEIC 21 19:28:46.0-0.8.5:80S:0.08-149.9E:0.1,h111km,12km, mb4.3/16, Error ellipse: s-maj=18.7km s-min=4.8km az=123.0

IDC 21 19:28:47.0-1.6.5:80S:149.91E,h114km,14km,mb3.7/8, mb1 3.8/10,mb1mx3.5/45,mbtmp4.1/10, Error ellipse: s-maj=20.6km s-min=15.0km az=115.0

ISC 21 19:28:45.9-0.6.5:77S:0.08-149.88E:0.09,h100km,n30, z=1927/35,mb4.3/10, New Britain region

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

Table with columns: FORT, Forrest, 32.24 177 P, P, 19 35 04.1 -0.8. Includes stations like Forrest, Giralia, etc.

BUI 21 19:36:41.8-0.0.51.53N:175.00W,h8km,mb5.1/36, mb4.8/52,Ms4.5/19,Ms7 4.3/18

IDC 21 19:36:42.9-0.6.51.46N:174.98W,h0km,mb4.3/30, mb1 4.5/32,mb1mx4.4/49,mbtmp4.4/32,ML3.2/M3.0, Ms1 4.0/2,ms1mx3.2/42, Error ellipse: s-maj=19.3km s-min=10.2km az=170.0

MOS 21 19:36:42.7-1.0.51.41N:174.88W,h0km,mb4.7/17, Error ellipse: s-maj=8.6km s-min=6.2km az=95.2

NEIC 21 19:36:43.8-1.4.51.24N:0.05-174.91W:0.05,h10km,1km, Error ellipse: s-maj=8.7km s-min=5.6km az=174.0

AEIC 21 19:36:47.7-1.51.30N:0.07-174.91W:0.06,h45km,4km, ML4.4/35,mb4.7/225(NEIC), Error ellipse: s-maj=10.1km s-min=5.6km az=165.0

ISC 21 19:36:48.3-0.4.51.31N:0.06-174.90W:0.04,h40km, n728,-0f99723,mb4.7/173,MS4.2/7,20C-11D, Andreanof Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Atka Island, GSMY, etc.

21d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like GLB, POKR, IL31, ILAR, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like YHH, KSRS, KS19, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like R40A, D49A, E48A, etc.

H55A Tweed	61.05	54	P	P	19 46 58.3 +0.6
TRQ Mont Tremblant	61.18	51	P	P	19 46 57.7 -0.9
J54A Appleton	61.20	56	P	P	19 46 59.3 +0.6
J54A Appleton	61.20	56	P	P	19 46 59.1 +0.4
E57A Chemin Saint G	61.25	51	P	P	19 46 58.5 -0.6
D58A Chemin du LacG	61.37	50	P	P	19 46 59.6 -0.2
CD2 Chengdu	61.37	285	P	P	19 47 00.3 +0.2
FAUS Fauske	61.38	356	eP	P	19 46 58.9 -0.6
WMQ Urumqi	61.41	305	eP	P	19 47 02.8 +2.6
M53A WI Miller and	61.41	59	P	P	19 47 00.9 +0.7
M53A WI Miller and	61.41	59	P	P	19 47 00.3 +0.1
H56A Elgin	61.49	53	P	P	19 47 00.9 +0.3
ALLY Alegheny Colle	61.55	58	P	P	19 47 01.7 +0.6
L54A Sinclairville	61.58	57	P	P	19 47 01.8 +0.5
PECO Prince Edward	61.58	54	P	P	19 47 02.0 +0.8
J55A Hilton	61.63	55	P	P	19 47 01.8 +0.2
J55A Hilton	61.63	55	P	P	19 47 01.8 +0.2
K54A Basiliko Farm,	61.64	57	P	P	19 47 02.4 +0.7
E58A La Victoria	61.70	50	P	P	19 47 01.9 -0.1
O52A Adamsville	61.71	60	P	P	19 47 02.9 +0.7
O52A Adamsville	61.71	60	P	P	19 47 02.3 0.0
G57A Newington	61.76	52	P	P	19 47 02.2 -0.2
N53A Lisbon	61.77	59	P	P	19 47 03.4 +0.8
PLAL Pickwick Lake	61.78	69	P	IAMB	19 47 02.5 -0.2
PLAL Pickwick Lake	61.78	69	P	IAMB	19 47 03.0
K55A Perry	61.88	56	P	P	19 47 03.7 +0.3
M54A Oil Creek Stat	61.90	58	P	P	19 47 03.8 +0.3
M54A Oil Creek Stat	61.90	58	P	IAMB	19 47 03.9 +0.3
M54A Oil Creek Stat	61.90	58	P	IAMB	19 47 05.9
O53A New Philadelphia	61.96	60	P	P	19 47 04.3 +0.4
MK31 Makanchi Array	61.97	311	P	pmax	19 47 02.9 -1.0
MK31 Makanchi Array	61.97	311	P	pmax	19 47 02.9 -1.0
MK31 Makanchi Array	61.97	311	P	IAMB	19 47 04.0
MKAR Makanchi Array	61.97	311	P	IAMB	19 47 02.9 -0.9
MKAR Makanchi Array	61.97	311	P	IAMB	19 47 03.0 -0.9
H57A Richville	62.02	53	P	P	19 47 04.2 0.0
L55A Hinsdale	62.07	57	P	P	19 47 05.0 +0.3
MAKZ Makanchi	62.10	311	P	pmax	19 47 04.1 -0.7
MAKZ Makanchi	62.10	311	P	pmax	19 47 04.1 -0.7
MAKZ Makanchi	62.10	311	P	IAMB	19 47 04.1 -0.7
N54A Moraine State	62.11	59	P	P	19 47 05.6 +0.7
N54A Moraine State	62.11	59	P	P	19 47 04.6 -0.3
J56A Wolcott	62.12	55	P	P	19 47 05.0 +0.1
J56A Wolcott	62.12	55	P	P	19 47 05.1 +0.2
G68A Ormstown	62.19	52	P	P	19 47 05.4 +0.1
I57A Carthage	62.26	54	P	P	19 47 05.8 0.0
K56A Middlesex	62.29	56	P	P	19 47 06.4 +0.3
F59A Saint Guillaume	62.31	51	P	P	19 47 05.7 -0.4
LONY Lake Ozonia	62.31	53	P	P	19 47 06.3 +0.1
LONY Lake Ozonia	62.31	53	P	IAMB	19 47 05.8 -0.4
LONY Lake Ozonia	62.31	53	P	IAMB	19 47 06.7
KONS Konvik	62.36	356	eP	P	19 47 05.4 -0.8
P53A Whipple	62.40	61	P	P	19 47 07.4 +0.6
P53A Whipple	62.40	61	P	P	19 47 06.6 -0.3
M55A Ridgway	62.41	57	P	P	19 47 07.3 +0.4
M55A Ridgway	62.41	57	P	P	19 47 06.9 0.0
D60A Saint Jean D'O	62.43	49	P	P	19 47 06.5 -0.3
O54A Avella	62.46	59	P	P	19 47 07.9 +0.7
O54A Avella	62.46	59	P	IAMB	19 47 07.0 -0.2
J57A Williamstown	62.46	54	P	P	19 47 07.5 +0.3
J57A Williamstown	62.46	54	P	P	19 47 07.5 +0.3
BV40 Borovoye Array	62.49	322	P	P	19 47 07.0 -0.3
BRVK Borovoye	62.51	322	P	pmax	19 47 07.8 +0.5
BRVK Borovoye	62.51	322	P	pmax	19 47 07.8 +0.5
BRVK Borovoye	62.51	322	P	IAMB	19 47 10.7
STOK Stokkvaagen	62.53	356	eP	P	19 47 06.7 -0.6
D61A St Aubert, Com	62.56	48	P	P	19 47 07.5 -0.3
L56A Greenwood	62.57	56	P	P	19 47 08.4 +0.4
L56A Greenwood	62.57	56	P	P	19 47 08.4 +0.4
E60A Ste Agathe de	62.58	49	P	P	19 47 07.4 -0.5
F60A Warwick	62.63	50	P	P	19 47 08.3 +0.1
FRNY Flat Rock	62.65	52	P	P	19 47 07.5 -0.9
FRNY Flat Rock	62.65	52	P	IAMB	19 47 21.8
H58A Gabriels	62.66	52	P	P	19 47 08.7 +0.2
G59A Clarenceville	62.67	51	P	P	19 47 08.4 -0.1
K57A Scipio Center	62.68	55	P	P	19 47 09.1 +0.4
M56A Emporium	62.70	57	P	P	19 47 09.2 +0.3
M56A Emporium	62.70	57	P	P	19 47 09.3 +0.4
M56A Emporium	62.70	57	P	P	19 47 07.8 -0.3
G5A Guiyang	62.76	279	eP	P	19 47 03.8 -5.8
G5A Guiyang	62.76	279	eP	P	19 49 30.1 +2.5
G5A Guiyang	62.76	279	eP	P	19 55 29.4 -6.3
G5A Guiyang	62.76	279	eP	P	19 47 09.8 +0.5
N55A Marion Center	62.78	58	P	P	19 47 09.8 +0.4
I58A Old Forge	62.78	53	P	P	19 47 09.9 +0.5
P54A Burton	62.81	60	P	P	19 47 10.1 +0.5
J58A Remsen	62.86	54	P	P	19 47 10.3 +0.4
J58A Remsen	62.86	54	P	P	19 47 09.1 -0.8
PRGR Permogore	62.86	340	eP	pmax	19 47 08.7 -0.8
PRGR Permogore	62.86	340	eP	pmax	19 47 08.7 -0.8
R53A Hurricane	62.91	62	P	P	19 47 10.8 +0.6
MOQ Mont Orford	62.96	51	P	P	19 47 10.1 -0.5
NCB Newcomb	62.96	53	P	P	19 47 10.6 +0.1
NCB Newcomb	62.96	53	P	IAMB	19 47 11.5
E61A Lac Etchemin	62.99	49	P	P	19 47 10.6 -0.1
O55A Ligonier	63.02	59	P	P	19 47 11.6 +0.6
L57A Andrews Acres	63.03	56	P	P	19 47 11.6 +0.6
N56A West Decatur	63.05	58	P	P	19 47 11.7 +0.5
Q54A Cox's Mills	63.06	61	P	P	19 47 12.1 +0.8

Q54A Cox's Mills	63.06	61	P	P	19 47 11.8 +0.6
Q54A Cox's Mills	63.06	61	P	IAMB	19 47 13.0
G60A Massville	63.07	51	P	P	19 47 11.1 -0.2
F61A St Evariste	63.08	49	P	P	19 47 11.3 0.0
K58A Earlville	63.11	55	P	P	19 47 11.9 +0.4
K58A Earlville	63.11	55	P	P	19 47 10.8 -0.7
MCWV Mont Chateau	63.12	60	P	P	19 47 12.0 +0.4
MCWV Mont Chateau	63.12	60	P	IAMB	19 47 10.9 -0.7
MCWV Mont Chateau	63.12	60	P	IAMB	19 47 13.0
D62A Allapont, All	63.18	47	P	P	19 47 11.9 0.0
D62A Allapont, All	63.18	47	P	P	19 47 10.9 -1.0
J59A Piesco	63.18	53	P	P	19 47 12.0 0.0
J59A Piesco	63.18	53	P	P	19 47 12.2 +0.2
W50A Signal Mountai	63.23	67	P	IAMB	19 47 11.9 -0.6
W50A Signal Mountai	63.23	67	P	IAMB	19 47 30.6
P55A Reedsville	63.23	60	P	P	19 47 13.0 +0.6
I59A Olmsteadville	63.26	53	P	P	19 47 12.2 -0.2
S53A Williamson	63.27	63	P	P	19 47 13.8 +1.0
TZTN Tazewell	63.28	64	P	P	19 47 13.9 +1.1
TZTN Tazewell	63.28	64	P	P	19 47 12.5 -0.3
TZTN Tazewell	63.28	64	P	IAMB	19 47 23.5
H60A Morristown	63.28	51	P	P	19 47 12.5 -0.1
E62A Clayton Lake	63.30	48	P	P	19 47 12.5 -0.3
E62A Clayton Lake	63.30	48	P	P	19 47 12.3 -0.4
E62A Clayton Lake	63.30	48	P	IAMB	19 47 13.4
G61A St-Isidore-de-	63.33	50	P	P	19 47 12.9 0.0
BINY Binghamton	63.34	55	P	P	19 47 13.5 +0.4
BINY Binghamton	63.34	55	P	P	19 47 14.0 +0.9
M57A Sunshine Farm,	63.36	57	P	P	19 47 13.9 +0.6
M57A Sunshine Farm,	63.36	57	P	IAMB	19 47 13.8 +0.6
M57A Sunshine Farm,	63.36	57	P	IAMB	19 47 14.7
O56A Blue Knob Stat	63.37	58	P	P	19 47 14.0 +0.7
O56A Blue Knob Stat	63.37	58	P	P	19 47 14.0 +0.7
O56A Blue Knob Stat	63.37	58	P	IAMB	19 47 27.5
Q55A Buckhannon	63.46	60	P	P	19 47 14.6 +0.6
SSPA Standing Stone	63.47	58	P	P	19 47 14.4 +0.5
SSPA Standing Stone	63.47	58	P	P	19 47 14.1 +0.2
K59A Cooperstown	63.50	54	P	P	19 47 15.1 +1.0
I60A Sheoham	63.51	52	P	P	19 47 14.3 +0.1
L58A Harry Jones Me	63.52	55	P	P	19 47 15.1 +0.8
FPAL Fort Paine	63.52	67	P	IAMB	19 47 14.1 -0.4
FPAL Fort Paine	63.52	67	P	IAMB	19 47 33.1
T53A Wise	63.54	63	P	P	19 47 15.0 +0.5
T53A Wise	63.54	63	P	P	19 47 15.0 +0.5
N57A Milroy	63.56	57	P	P	19 47 14.9 +0.4
F62A Pittsford Farm,	63.62	49	P	P	19 47 14.8 -0.1
F62A Pittsford Farm,	63.62	49	P	P	19 47 14.7 -0.1
F62A Pittsford Farm,	63.62	49	P	IAMB	19 47 15.6
D63A Stocholm	63.65	47	P	P	19 47 15.0 0.0
ACCN Adirondack Com	63.66	53	P	P	19 47 15.5 +0.3
ACCN Adirondack Com	63.66	53	P	IAMB	19 47 16.3
H61A Lynoville	63.68	51	P	P	19 47 15.1 -0.2
M58A Price's Panora	63.69	56	P	P	19 47 16.1 +0.7
V52A Sevierville	63.75	65	P	IAMB	19 47 16.3 +0.4
V52A Sevierville	63.75	65	P	IAMB	19 47 30.0
P56A Dayton Farm, R	63.77	59	P	P	19 47 16.8 +0.8
L59A Walton	63.83	55	P	P	19 47 17.1 +0.7
L59A Walton	63.83	55	P	P	19 47 16.6 +0.3
G62A West of Eustis	63.85	50	P	P	19 47 16.6 +0.1
G62A West of Eustis	63.85	50	P	P	19 47 16.3 -0.2
J60A Lant Hill Farm	63.88	53	P	P	19 47 17.0 +0.3
LBNH Lisbon	63.90	51	P	P	19 47 16.6 -0.1
O57A Amberson	63.91	58	P	P	19 47 17.4 +0.6
K57A Keystone Colle	63.91	56	P	P	19 47 17.4 +0.5
K57A Keystone Colle	63.91	56	P	IAMB	19 47 31.1
Q56A Snyder Ridge,	63.91	60	P	P	19 47 17.5 +0.6
Q56A Snyder Ridge,	63.91	60	P	P	19 47 17.3 +0.4
Q56A Snyder Ridge,	63.91	60	P	IAMB	19 47 36.3
ARU Arti	63.92	330	d/P	P	19 47 16.3 -0.3
ARU Arti	63.92	330	d/P	P	19 47 51.3
ARU Arti	63.92	330	d/P	S	19 49 37.9
ARU Arti	63.92	330	d/P	SS	19 55 23.3 +3.3
ARU Arti	63.92	330	d/P	SS	19 59 55.3 -1.5
ARU Arti	63.92	330	d/P	pmax	19 47 16.2 -0.4
ARU Arti	63.92	330	d/P	IAMB	19 47 17.7
N58A Sunbury	63.94	57	P	P	19 47 17.6 +0.6
N58A Sunbury	63.94	57			

21d 19h

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like W58A Raeford, V59A Middlesex, AKN Aaknes, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KBL Kabul, BRG Berggiesshubel, MOX Mox, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ATKA Atka Island, GSTR Great Sitkin T, etc.

BGR 21 19:37:09.0, 0.51, 68N, 176.69W, h190km, mb4.7
IDC 21 19:37:29.5, 0.9, 51, 173.93N, 154.93W, h0km, mb4.5/23,
mb1 4.6/26, mb1mx4.5/50, mbtmp4.5/26, ML4.0/3, MS3.9/8,
Ms1 3.9/8, ms1mx3.4/45, Error ellipse: s-maj=2.7, 2km
s-min=12.4km az=163.0
AEIC 21 19:37:33.1, 2.51, 31N, 0.09, 174.93W, 0.06, h26km, 2km,
mb5.1/107(NEIC), Error ellipse: s-maj=12.5km

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Lone Tree Farm, Saunglung, Zalesow Beam, Sault St. Mari, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Adamsville, Newtoning, Mt. Morris Dam, Makanchi Array, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Arti, Oxbow, Piquette Isle, Tazewell, Milan, etc.

mb3.1/4, mb1 3.3/5, mb1mx2/9/35, mbtmp4.1/5, Error ellipse: s-maj=239.4km s-min=56.7km az=52.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
URZ	Urewera	19.63	193	P	20 09 32.2	0.0
CTA	Charters Tower	34.15	262	P	20 11 40.1	+0.6
STKA	Stephens Creek	38.84	243	P	20 12 17.8	-0.2
WRA	Warramunga Arr	45.30	261	P	20 13 08.4	-0.6
ASAR	Alice Springs	45.33	255	P	20 13 08.9	-0.3

NEIC 21 20:11:39.4±1.8, 31°30'S, 0°07'37.42W, 0.09, h59km, 70km, ML4.3(GUC), Error ellipse: s-maj=12.3km s-min=9.3km az=124.0

SJA 21 20:11.41.8±0.5, 31°71'S, 73°27'W, h34km, 9km, ML4.0, MW4.0

GUC 21 20:11.42.0±0.6, 31°46'S, 72°99'W, h25km, ML4.5

ISC 21 20:11.37.5±1.3, 31°35'S, 0°04'73.70W, 0.07, h35km, n63, c=259/93, 6C-3D, Off coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CO02	Combarbal	2.31	87	Op	20 12 11.9	-1.3
CO02				S	20 12 34.1	-6.4
CO02				S	20 12 36.0	
CO02	comp=E, 9um, 0.4s					
CO02	Combarbal	2.31	87	Pn	20 12 11.8	-1.4
CO02				S	20 12 34.9	-5.6
CO03	El Pedregal	2.63	80	Op	20 12 16.5	-1.0
CO03				S	20 12 43.6	-4.7
CO03				S	20 12 16.5	-1.0
CO03	El Pedregal	2.63	80	Pn	20 12 16.5	-1.0
CO03				S	20 12 43.8	-4.4
CO03				S	20 12 18.3	-1.1
GO04	Tololo Observa	2.75	66	Op	20 12 46.6	-5.0
GO04				S	20 12 48.5	
GO04	comp=N, 5um, 0.2s					
GO04	Tololo Observa	2.75	66	Pn	20 12 46.6	-5.0
RO01	El Roble	2.79	126	Op	20 12 18.2	-1.2
RO01				S	20 12 49.9	-4.5
RO01	El Roble	2.79	126	Pn	20 12 18.2	-1.2
RO01				S	20 12 47.6	-4.8
RO01	El Roble	2.79	126	Op	20 12 19.7	-0.2
RO01				S	20 12 47.5	-4.9
RO01	El Roble	2.79	126	Pn	20 12 19.7	-0.2
RO01				S	20 12 49.4	
RO01	comp=E, 2um, 0.3s					
MT02	Curacav	2.88	132	Op	20 12 21.0	+0.1
MT02				S	20 12 49.9	-4.5
MT02	Curacav	2.88	132	Pn	20 12 21.0	+0.1
VA03	San Esteban	3.02	119	Op	20 12 22.9	0.0
VA03				S	20 12 53.2	-4.7
VA03	San Esteban	3.02	119	Pn	20 12 22.9	0.0
VA03				S	20 12 53.2	-4.7
VA03	comp=E, 4um, 0.6s					
VA03	San Esteban	3.02	119	Pn	20 12 22.3	-0.6
VA03				S	20 12 43.3	+0.1
VA03	San Esteban	3.02	119	Op	20 12 22.9	0.0
VA03				S	20 12 53.2	-4.7
VA03	San Esteban	3.02	119	Pn	20 12 22.9	0.0
VA03				S	20 12 53.2	-4.7
VA03	comp=N, 85nm, 0.3s					
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 12 29.1	+0.4
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 12 59.4	-3.5
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 12 26.8	-0.1
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 03.5	-3.8
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 05.0	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 12 29.1	+0.4
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 04.6	-3.7
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 12 28.9	-0.6
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 06.1	-3.6
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 12 35.5	+2.1
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 15.8	-0.9
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 12 35.7	+2.1
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 16.8	-0.1
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 21.6	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Op	20 12 27.8	-0.3
CO01				S	20 13 18.3	
CO01	Juntas del Tor	3.39	67	Pn	20 12 27.8	

21d 20h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like LZH, D50A, GTA, and many others.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like O53A, MMVY, H57A, and many others.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like M57A, O56A, Q55A, and many others.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, RABL Rabaul, DZM Mont Dzumac, etc.

IDC 21 21:40:50.8, 4.1, 9.20S; 158.15E, h27km, 31km, mb4, 1/13, mb1 4.3/15, mb1mx4.0/46, mbtmp4.3/15, ML4.02, MS3.32, Ms1 3.0/32, ms1mx2.9/28, Error ellipse: s-maj=2.6, 6km s-min=14.2km az=151.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, RABL Rabaul, KRVT Keravat, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, PMG Port Moresby, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like PSAAO Pilbara Seismi, MORW Morawa, KSAR Wonju Array Be, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like KSH comp=Z,65nm,4.5s, KSH comp=N,90nm,4.5s, KSH comp=E,61nm,5.5s, etc.

NEIC 21 21:44:28.6, 2.0, 14.82S; 0.08:175.49W, 0.06, h10km, 1km, mb4.6/34, Error ellipse: s-maj=16.6km s-min=3.8km az=148.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Urewera, HNR Honiara, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, H1N1 WAKE ISLAND HY, H1N2 WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboob, WB2 Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like YBH comp=Z,393nm,20.6s, bsz=222,slow=30, KRSR Korea Array, LPIG La Palau, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like MCK McKinley, TXAR Lajitas Array, TXAR Lajitas Array, etc.

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

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BJT Baijituau, BELA Belgrano, XAN Xan, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like CLL Colim, KMBO Kiliwa Mogo, BRTR Keskin Array, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, NIKH Korse, KOFF Korovin Flat, etc.

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

21d 22:06:23.0-2.0, 7.24S, 142.61E, h325km, 17km, mb3.4/5, mb1 3.9, mb2 1mx3.2, mbtmp3.4/7, Error ellipse: s-maj=31.0km s-min=10.9km az=101.0

ISC 21 22:06:20.5-1.2, 7.34S, 0.08, 142.8E, 0.2, h300km, n10, a1564/13, mb3.6/5, New Guinea

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

ISC 21 22:21:02.5-4.2, 10.50S, 116.30E, h0km, mb3.6/2, mb1 3.6/4, mb1mx3.4/7, mbtmp3.4/4, ML3.0/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/3.0, Error ellipse: s-maj=291.4km s-min=24.2km az=48.0, South of Sumbawa

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

ISC 21 22:37:23.7-1.1, 4.01S, 151.02E, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.6/3.0, mbtmp3.8/3, MS3.1/2, Ms1 3.1/2, ms1mx2.7/2.2, Error ellipse: s-maj=29.3km s-min=11.8km az=9.0

NEIC 21 22:37:24.5-1.2, 4.2S, 0.1, 151.07E, 0.05, h10km, 1km, mb4.4/15, Error ellipse: s-maj=22.8km s-min=8.0km az=171.0

ISC 21 22:37:25.2-0.7, 4.2S, 0.1, 151.07E, 0.06, h10km, n29, a1523/23, mb4.3/11, New Britain region

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

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

IDC 21 22:50:27.5-1.2, 1.23S, 23.87W, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/3.4, mbtmp3.8/8, ML4.4/1, MS3.6/5, Ms1 3.6/5, ms1MX3.2/3.1, Error ellipse: s-maj=56.0km s-min=21.7km az=54.0

NEIC 21 22:50:28.1-2.2, 1.2S, 0.1, 23.9W, 0.1, h10km, 2km, mb4.3/5, Error ellipse: s-maj=19.5km s-min=16.5km az=54.0

ISC 21 22:50:28.7-0.6, 1.2S, 0.1, 23.89W, 0.08, h12km, n25, a098/19, mb3.7/7, MS3.6/4, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N3, H10N2, H10N1, etc.

DDA 21 23:03:52.4, 39.17N, 29.12E, h7km, 4km, ML 1.8

ISK 21 23:03:52.6, 39.19N, 29.14E, h5km, ML1.8/5, Turkey

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

ATH 21 23:04:04.5, 41.48N, 20.42E, h14km, 1km, ML2.6/10, Error ellipse: s-maj=1.7km s-min=1.0km az=184.0

SKO 21 23:04:05.1, 41.37N, 20.38E, h15km, 1km, Error ellipse: s-maj=1.7km s-min=1.0km az=184.0

THE 21 23:04:06.2, 41.34N, 20.38E, h0km, 1km, ML2.5/8, Error ellipse: s-maj=1.1km s-min=0.4km az=333.0

PDG 21 23:04:06.1, 0.3, 41.37N, 20.36E, h10km, ML3.0/14, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

BEO 21 23:04:06.1, 0.4, 41.35N, 20.38E, h3km, 2km, ML2.5/11

ISC 21 23:04:05.8-1.1, 41.37N, 0.01, 20.39E, 0.02, h1km, 10km, n108, a082/167, 12C-13D, Albania

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

21 Jul 23h

Table with columns: SLD, SEL, SCTE, TREB, etc. and corresponding station names and coordinates.

MDD 21 23:11:04.5, 1.7, 37.12N; 13.67W, h0km, mb4.3/4, Error ellipse: s-maj=15.2km s-min=13.1km az=58.0, PPKIMO

INMG 21 23:11:05.0, 0.9, 36.89N; 14.10W, h10km, ML2.5, Error ellipse: s-maj=5.5km s-min=4.1km az=63.0

IGIL 21 23:11:05.0, 0.7, 37.02N; 13.93W, h30km, ML2.5

ISC 21 23:11:03.4, 3.5, 37.16N; 10.10W, h10km, n55, s187/100, 1C, Azores-Cape St. Vincent Ridge

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

2014 JUL

Main table with columns: PCAS, CASMILLO, CASMILLO, CASMILLO, etc. and corresponding station names and coordinates.

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Table with columns: JSMT, KTR, KTR, KTR, etc. and corresponding station names and coordinates.

AEIC 22 00:45:34.71,4.0,6.7:59N,0.06:161.9W,0.2,h19km,7km,
ML3.1/19,Error ellipse: s-maj=10.4km s-min=8.2km
az=61.0
IDC 22 00:45:35.3,1.7,6.7:95N,161.85W,h0km,ML3,6.3/4,
mb1 3.7/6,mb1mx3.4/46,mbtmp3.5/6,ML3,6/2,Error
ellipse: s-maj=56.3km s-min=19.1km az=21.0
NEIC 22 00:45:36.2,0.8,6.7:61N,0.06:162.18W,0.04,
h36km,10km,Error ellipse: s-maj=9.1km s-min=1.9km
az=185.0
ISC 22 00:45:34.7,0.9,67.63N,0.07:161.81W,0.07,h10km,n38,
+1932/42,mb3.5/3,Northern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include Red Dog Mine, Nome, Indian Mountain, Barrow, Coldfoot, Tatolina, Tatalina, Bear Paw Mtn, Nenana, Murphree Dome, Purkeypile, Thorofate Moun, Clear Creek Bu, Wood River Hill, McKinley, Burnt Mountain, Eielson Array, Eielson Array, Reindeer, Harding Lake, Sparrevohn, Skwentna, Denali Highway, Susitna One, Independent Ri, Sand Creek, Sawmill, Redoubt South, Sheep Creek Mo, Beaver Creek A, Inuvik, Inuvik, Yellowknife Ar, Zalesovo Beam, Lajitas Array, Makanchi Array.

NEIC 22 00:53:02.3,1.4,6.1:2S,0.09:72.0W,0.1,h56km,5km,
mb4.2/49,Error ellipse: s-maj=16.1km s-min=12.4km
az=70.0
IDC 22 00:53:03.1,0.8,6.1:2S,71.97W,h578km,10km,mb3.4/15,
mb1 3.5/22,mb1mx3.3/38,mbtmp4.3/22,Error ellipse:
s-maj=14.4km s-min=10.8km az=34.0
VAO 22 00:53:03.0,0.5,6.1:4S,71.99W,h579km,mb4.1
ISC 22 00:53:03.2,0.3,6.09S,0.05:71.97W,0.06,h578km,n134,
+084/139,mb4.1/31,Western Brazil

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include Cruzeiro do Su, Ataulpa, Nana, NNA, NNA, FLOCC, SAML, LPAZ, LPAZ, YOTC, ROSC, ROSC, RREF, MACA, GUY2C, RUSC, PB16, CBCC, PTGA, PTGA, PTGA, VILB, GO01, PB11, SIV, SDV, PB01, BAUV, PTLB, PB09, NPGB, CLDB, LVC, LVC, LVC, DABV, MALB, JTS, JTS, GRGR, ARAG, PRPB, PEIXE, SMTB, PRKR, CRPR, OBIP, SJG, SJG, HUMP, GUPR, BDFB.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include Brasilia, IPMB, SDBA, ROSB, ITAB, CPBS, BSFB, PLCA, PLCA, PLCA, V53A, V52A, V52A, SWET, T57A, S57A, S57A, HPIG, HPIG, TXAR, TXAR, N54A, N54A, M54A, LBNH, GGN, G65A, LMN, GBN, TRQ, PDAR, PDAR, ULM, ULM, SCHO, GCMT, WALA, DBIC, DBIC, BELA, VNA3, TOAO, TOAO, TORD, TORD, YKA, YKA, VNA1, VNA2, PAB, ESDC, SNA, SNA, BORG, BORG, DSB, SUMG, QSPA, QSPA, BCAR, KEST, VERDE, VMDI, DOT, DOT, TSUM, TSUM, SCRK, ILAR, SKT, BPAW, GERES, NB2, NB2, ARCS, BVAR, ZAAO, ZALV, ZALV, KURB, KURB, STKA, MKAR, MKAR, SONM, SONM, ASAR, ASAR, WRA, WRA, WRA, WRS, WRS, RSNC, RUSC, RUSC, BRRR, BRRR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include San Pablo de B, PUERTO BERRIO, NORC, NORC, ZARAGOZA, CAUC, SANTA HELENA, GUYANA, EL RECREO, TOLIMA, PRADO, ORTEGA, TOLIMA.

JMA 22 00:59:07.8,0.1,23.47N,121.69E,h45km,3km,M3.0
TAP 22 00:59:08.3,23.49N,121.69E,h30km,ML3.3,C
ISC 22 00:59:08.0,0.9,23.47N,0.02:121.72E,0.02,h32km,7km,
n103,01910/194,Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include Ruisui, EGHF, EGHF, EHY, EHY, YULB, YULB, ESL, ESL, FULB, FULB, CHKT, CHKT, HWA, HWA, VVWD, VVWD, VVWD, TWD, TWD, OWD, OWD, ELDTW, ELDTW, NACB, NACB, ETLL, ETLL, SSSL, SSSL, CHGB, CHGB, WHF, WHF, WHYT, WHYT, ALS, ALS, SMLT, SMLT, TWGBT, TWGBT, TWG, TWG, DPDB, DPDB, STYT, STYT, TDCB, TDCB, ENA, ENA, CHNS, CHNS, WJS, WJS, ENAH, ENAH, NNSB, NNSB.

NNSB	baz=343	eS	Sb	00 59 38.0	-1.9
NNSH	Datong baz=343	P	Pb	00 59 26.2	-0.8
NNSH	baz=343	eS	Sb	00 59 37.8	-2.2
TPUB	Ta-pu baz=258	P	Pn	00 59 27.3	+1.2
TPUB	baz=258	eS	Sn	00 59 40.1	+0.9
NNS	Nan Shan baz=343	eS	Pb	00 59 26.6	-0.6
NNS	baz=343	eS	Pb	00 59 39.2	-1.2
WNT	Mingjian baz=292	eP	Pn	00 59 28.1	+1.8
WNT	baz=292	eS	Sn	00 59 41.6	+1.9
WTP	Ta-pu baz=255	P	Pn	00 59 27.8	+1.4
WTP	baz=255	eS	Pb	00 59 39.4	-1.5
WHP	Taichung City baz=319	eP	Pn	00 59 28.0	-0.1
WHP	baz=319	eS	Sn	00 59 41.2	+0.4
WGK	Gukeng baz=280	eP	Pb	00 59 27.9	-0.3
WGK	baz=280	eS	Pn	00 59 43.0	+2.1
SLGT	Lugui baz=242	eP	Pb	00 59 28.5	+0.1
SLGT	baz=242	eS	Sn	00 59 43.0	+1.8
WDLH	Doulu baz=280	eP	Pb	00 59 30.1	+1.5
WDLH	baz=280	eS	Sn	00 59 43.9	+2.5
SGST	Jiashan baz=247	eP	Pn	00 59 27.9	+0.5
SGST	baz=247	eS	Sn	00 59 44.2	+2.5
ECL	Taimali baz=216	eP	Pn	00 59 26.7	-0.7
ECL	baz=216	eS	Sb	00 59 40.2	-2.8
CHN1	Nanshi baz=254	eP	Pb	00 59 29.5	+0.5
CHN1	baz=254	eS	Sn	00 59 45.2	+3.1
TWC	Suao baz=7.0	eP	Pn	00 59 28.5	+0.7
TWC	baz=7.0	eS	Sb	00 59 42.5	-1.3
NDT	Datong Townshi baz=351	eP	Pn	00 59 28.6	+0.7
NDT	baz=351	eS	Pb	00 59 42.1	-1.7
TWK	Hsiinying baz=258	eS	Sn	00 59 29.3	0.0
TWK	baz=258	eS	Sn	00 59 44.0	+1.4
SNST	Tainan City baz=256	eP	Pb	00 59 29.9	+0.6
SNST	baz=256	eS	Pn	00 59 45.3	+2.7
TCU	Taichung baz=305	eP	Pb	00 59 30.7	+1.0
ENTT	Nioudou baz=354	eP	Pn	00 59 28.9	+0.7
ENTT	baz=354	eS	Sn	00 59 43.5	+0.2
CHY	Chiayi baz=270	eP	Pb	00 59 30.2	+0.2
CHY	baz=270	eS	Sn	00 59 44.5	+1.0
WCHH	Zhanghua baz=299	eP	Pb	00 59 31.6	+1.0
WCHH	baz=299	eS	Sb	00 59 47.0	+0.9
SSD	Sandimen baz=232	eP	Pb	00 59 30.8	+0.1
SSD	baz=232	eS	Sn	00 59 44.8	+0.2
TWQ1	Liyutan baz=315	eP	Pb	00 59 31.3	+0.5
TWQ1	baz=315	eS	Sb	00 59 47.4	+1.0
YHNB	Yeheng baz=346	eP	Pn	00 59 30.1	+1.0
YHNB	baz=346	eS	Sn	00 59 45.0	+0.1
NSK	Sanguang baz=345	eP	Pn	00 59 30.3	+1.0
NSK	baz=345	eS	Pn	00 59 45.1	0.0
TWE	Neicheng baz=359	eP	Pn	00 59 30.2	+0.9
TWE	baz=359	eS	Sn	00 59 45.6	+0.6
NSY	Sanyi baz=317	eP	Pb	00 59 32.1	+0.4
NSY	baz=317	eS	Pb	00 59 49.1	+1.1
MASBT	Mashbuluo baz=228	eP	Pn	00 59 31.0	+0.9
MASBT	baz=228	eS	Sn	00 59 46.9	+0.4
RLNB	Erlin baz=288	eP	Sb	00 59 49.4	+0.8
NWLT	Wulai baz=352	eP	Pn	00 59 31.2	+0.9
NWLT	baz=352	eS	Sn	00 59 46.7	-0.1
WDJ	Dajia District baz=311	eP	Pb	00 59 32.5	+0.3
WDJ	baz=311	eS	Sb	00 59 49.6	+0.8
NSTT	Nanjuang baz=331	eP	Pb	00 59 32.3	-0.1
NSTT	baz=331	eS	Pb	00 59 48.3	-0.9
LIQB	Emei baz=331	eP	Pb	00 59 32.7	+0.2
LIQB	baz=331	eS	Sn	00 59 47.8	+0.6
EAST	Anshuo baz=214	eP	Pn	00 59 31.0	+0.4
EAST	baz=214	eS	Sn	00 59 47.0	-0.3
PTSB	Yuanli baz=316	eP	Pn	00 59 31.6	+1.0
PTSB	baz=316	eS	Sb	00 59 49.3	-0.3
NMLH	Miaoili baz=321	eP	Pn	00 59 31.0	+0.2
NMLH	baz=321	eS	Sb	00 59 49.3	-0.7
WTCT	Ta-ch'eng baz=286	eP	Sb	00 59 50.4	0.0
NTC	Toucheng baz=5.0	eP	Pn	00 59 31.8	+0.7
NTC	baz=5.0	eS	Sn	00 59 48.7	+0.4
LAY	Lan-yu baz=184	eP	Pn	00 59 49.1	-0.3
JYNG	Yonagunijimaku baz=221	eP	Pn	00 59 33.9	+1.4
JYNG	baz=221	eS	Sn	00 59 52.1	+1.2
SCZT	Fangliu baz=221	eP	Pn	00 59 34.6	+2.0
SCZT	baz=221	eS	Sb	00 59 53.9	+0.4
NHDH	Xindian Distri baz=354	eP	Sn	00 59 52.4	+1.2
TIPB	Shuangxi baz=4.0	eP	Pn	00 59 34.1	+1.4
TIPB	baz=4.0	eS	Sn	00 59 52.2	+1.0
YOJ	Yonaguni jima baz=4.0	eP	Pn	00 59 34.6	+1.4
YOJ	baz=4.0	eS	Sn	00 59 53.3	+1.1
TWB1	Santiao Chiao baz=10.0	eP	Pn	00 59 34.2	+0.8
TWB1	baz=10.0	eS	Sn	00 59 52.3	-0.2
NWF	Wu-fen Shan baz=3.0	eP	Pn	00 59 36.0	+1.8
NWF	baz=3.0	eS	Sn	00 59 54.5	+0.8

WFSB	Wu-fen Shan baz=3.0	1.60	2	eP	Pn	00 59 35.5	+1.4
WFSB	baz=3.0	eS	Sn	00 59 53.9	+0.3		
Y0M1	Kuangyinshan baz=351	1.65	350	eS	Pn	00 59 56.3	+1.5
Y0M1	Y0M1 baz=356	1.68	355	eP	Pn	00 59 36.1	+0.9
Y0M1	baz=356	eS	Sn	00 59 56.7	+1.1		
Y0M4	Y0M4 baz=355	1.69	354	eP	Pn	00 59 36.7	+1.4
Y0M4	baz=355	eS	Sn	00 59 56.9	+1.0		
Y0M10	Y0M10 baz=355	1.69	355	eP	Pn	00 59 36.9	+1.6
Y0M10	baz=355	eS	Sn	00 59 56.3	+0.4		
Y0M5	Y0M5 baz=356	1.70	355	eP	Pn	00 59 37.4	+1.9
Y0M5	baz=356	eS	Sn	00 59 56.4	+0.3		
Y0M11	Y0M11 baz=356	1.70	356	eP	Pn	00 59 36.0	+0.5
Y0M11	baz=356	eS	Sn	00 59 56.6	+0.5		
Y0M8	Y0M8 baz=356	1.72	356	eS	Sn	00 59 55.8	-0.8
ANP	Anpu baz=355	1.72	354	eP	Pn	00 59 37.0	+1.1
TWKB	Hengchun baz=207	1.73	209	eP	Pn	00 59 36.1	+0.2
TWKB	baz=207	eS	Sn	00 59 57.1	+0.2		
TW1K	Hengchun baz=207	1.74	209	eS	Sn	00 59 56.9	-0.1
WDGT	Dungji baz=262	1.91	264	P	Pn	00 59 39.4	+1.2
WDGT	baz=262	eS	Sn	01 00 01.2	0.0		
PHUB	Peng-hu baz=270	1.97	272	eP	Pn	00 59 36.0	+1.5
PHUB	baz=270	eS	Sn	01 00 01.8	-1.0		
PNG	Penghu baz=272	1.99	273	eP	Pn	00 59 40.2	+0.8
PNG	baz=272	eS	Sn	01 00 03.5	+0.2		
IRIF	Iriomote-Funau	2.03	64	P	Pn	00 59 41.6	+1.6
IRIF	baz=262	eS	Sn	00 59 05.7	+1.4		
VCHM	Qimei baz=282	2.12	264	P	Pn	00 59 42.1	+0.9
VCHM	baz=282	eS	Sn	01 00 04.6	-1.9		
JJ	Ishigaki jima	2.39	68	P	Pn	00 59 45.8	+0.9
JJ	baz=306	eS	Sn	01 00 14.3	+1.2		
YWUC	YWUC baz=306	2.57	307	eP	Pn	00 59 48.0	+0.6
YWUC	baz=306	eS	Sn	01 00 16.1	-1.4		
JJSG	Ishigakijimahi	2.62	64	P	Pn	00 59 48.7	+0.7
JJSG	baz=317	eS	Sn	00 59 18.8	+0.1		
PTTC	Pingtang baz=318	2.69	319	eP	Pn	00 59 49.8	+0.7
PTTC	baz=318	eS	Sn	01 00 19.9	-0.8		
PTMZ	Houxiangcun baz=303	2.84	304	eP	Pn	00 59 51.2	0.0
PTMZ	baz=303	S	Pn	01 00 23.4	-0.9		
MATB	Ma-tsu baz=328	3.12	329	eP	Pn	00 59 54.5	-0.5
MATB	baz=328	eS	Sn	01 00 30.9	-0.3		
KNM	Kimmen baz=286	3.15	288	eS	Sn	01 00 33.6	+1.6
KNMB	Chin-men Tao baz=287	3.21	289	eP	Pn	00 59 56.8	+0.6
KNMB	baz=287	eS	Sn	00 59 31.4	-1.8		
LYJJ	Jianjiangzhen baz=330	3.55	330	eS	Sn	01 00 39.6	-2.1
MHZO	Yeshan baz=317	3.58	318	eS	Sn	01 00 40.9	-1.7
AXDP	Jialang baz=292	3.71	293	eP	Pn	01 00 03.5	+0.4
AXDP	baz=292	eS	Sn	01 00 44.3	-1.5		
XPSS	Dashiqua baz=338	3.72	338	eP	Pn	01 00 03.2	0.0
XPSS	baz=338	eS	Sn	01 00 42.8	-3.1		

ZUR 22 01:01:26.2,46:65N:7:57E, h8km,2km,MLH0.8/2,2C,
 Error ellipse: s-maj=4.1km s-min=1.1km az=246.0,
 Switzerland

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
WIMIS	Wimmis	0.04	67	↑Pg	Pg	01 01 28.0	+0.2
WIMIS					Sg	01 01 29.3	+0.4
LKBD	Leukerbad	0.27	172	Sg	Pg	01 01 35.7	+0.6
FIESA	Fiescheralp	0.42	120	↑Pg	Pg	01 01 34.9	+0.3
FIESA					Sg	01 01 40.8	+0.6

MDD 22 01:02:41.2:3.2,36:85N:2:31E,h0km,mb3.2/5,ERRIMO,
 Error ellipse: s-maj=30.0km s-min=16.5km az=147.0,Praximo,
 Northern Algeria

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
EIBI	Ibiza	2.30	341	Op	ISC	01 03 19.5	-1.0
EIBI	1.0nm,0.1s,SNR=7.9				S	01 03 47.4	-2.1
ETOS	Mallorca	2.94	8	P	Pn	01 03 27.8	-1.4
ETOS	1.7nm,0.2s,SNR=7.9				S	01 04 02.0	-3.2
ETOB	Torbarra	3.54	302	P	Pn	01 03 35.7	-1.8
ETOB	0.4nm,0.2s,SNR=7.9				S	01 04 16.3	-3.9
SESP	Santiago Espad	4.06	290	P	Pn	01 03 43.7	-1.1
SESP	0.4nm,0.2s,SNR=7.9				S	01 04 30.0	-3.2
EMOS	Mosqueruela	4.13	329	P	Pn	01 03 44.9	-0.8
EMOS	0.4nm,0.2s,SNR=7.9				S	01 04 31.5	-3.2

AEIC 22 01:23:10.2:5.60:35N:0:02:140:26W,0:01,h2km,4km,
 Error ellipse: s-maj=2.3km s-min=0.8km az=197.0
 PGC 22 01:23:10.9:0.0,60:31N:140:35W,h1km,ML3.8/12,ML3.7,
 123km northwest of Yakutat, Ak Southeastern Alaska
 IDC 22 01:23:11.2:0.6,60:39N:140:28W,h0km,mb4.0/17,
 mb1.4,1/24,mb1mx4.0/51,mbtmp4.0/24,ML3.7,MS3.0/10,
 MS1.3,1/10,ms1mx2.9/39,Error ellipse: s-maj=13.5km
 s-min=7.9km az=40.0
 ISC 22 01:23:11.8:0.4,60:34N:0:02:140:33W,0:02,h10km,
 n214,0:16:62/243,mb4.0/20,MS3.0/6,Southeastern
 Alaska

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PCA	Pinnacle	0.25	171	Op	ISC	01 23 14.5	+2.3
PCA					S	01 23 18.3	-2.0
PCA	Pinnacle	0.25	171	Pg	Pg	01 23 14.8	-2.1
PCA					Sg	01 23 16.9	-3.5
TABL	Table Mountain	0.41	284	Pg	Pg	01 23 18.3	-1.7
TABL	Table Mountain	0.41	284	Pg	Pg	01 23 18.6	-1.4
TABL					Sg	01 23 25.6	+0.2
TABL	Table Mountain	0.41	284	Pg	Pg	01 23 18.3	-1.7
CHX	Chaix Hills	0.48	235	Pg	Pg	01 23 20.2	-0.9
RKAV	Rock Avalanche	0.51	266	P	Pn	01 23 20.7	-1.0
RKAV	Rock Avalanche	0.51	266	P	Pn	01 23 20.7	-1.0
RKAV	Rock Avalanche	0.51	266	P	Pn	01 23 19.9	-1.8
RKAV					Sb	01 23 29.0	-1.3
LOGN	Logan Glacier	0.59	326	P	Pg	01 23 21.6	-1.6

LOGN	Logan Glacier	0.59	326	P	Sg	01 23 28.7	-2.2
LOGN					Pg	01 23 21.6	-1.6
LOGN	Logan Glacier	0.59	326	P	Sg	01 23 28.7	-2.2
LOGN					Pg	01 23 21.6	-1.6
LOGN	Logan Glacier	0.59	326	P	Sg	01 23 28.7	-2.2
LOGN					Pg	01 23 21.6	-1.6
YAH	Yahtse	0.70	272	Pg	Pg	01 23 29.9	-1.1
YAH					Sg	01 23 25.2	-1.1
CTGM	Chitina Glacie	0.80	322	P	Sg	01 23 25.8	-0.3
CTGM					Sb	01 23 25.3	-1.9
CTGM	Chitina Glacie	0.80	322	P	Sg	01 23 26.2	-1.4

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like IPOC Station P, Mina Guanaco, Diego Aracena, Punta Patache, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DBIC Dimbokro, VNDAR Vanda, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ZFRI Zfri, YFRI Yfiri, HHRG AI Ghardaqah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Puerto Ayora, Huchuaenango, Alathalpa, etc.

Table with columns: IL31, IL31, ILAR, ILAR, URZ, URZ, H1N1S, H1N1S, H1N1S, H1N1S, H1N1S, H1N1S, H1S3, H1S3, MKAR, MKAR, CMAR, CMAR. Includes stations like Eielson Array, Urewera, WAKE ISLAND Hy 91,14,290, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, WARRAMUNGA INF3, Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vera Road, Taurewa, Pokaka, Haurangi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Gorgona, Isla, Bahia Malaga, Pizarro, Choco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, WAKE ISLAND Hy 91,26,288, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RREF El Recreo, BETC Betania, GARC Garzon, HELC Santa Helena, etc.

MAN 22 06:39:53.3, 5.19N-126.38E, h182km, mb4.7, ML3.5, MS3.4, Mindanao

NNC 22 06:40:29.2, 2.8, 38.07N-72.23E, h300km, mb3.4, mpv3.5, 5C-2D, Error ellipse: s-maj=32.7km s-min=19.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK Ala-Archa, KK31 Karatay Array, etc.

HLW 22 06:46:09.9, 29.47N-35.00E, h27km, mb3.3, M13.6

GII 22 06:46:10.9, 0.0, 29.48N-34.80E, h6km, MD2.7/3, Mm2.4/6

JSO 22 06:46:11.0, 0.7, 29.48N-33.5E, h10km, M2.6/9

ISC 22 06:46:11.0, 1.3, 29.48N-0.02, 34.87E, 0.05, h17km, n11km, n27, c067/37, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRHJ Al-Direh, EIL Elat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AOBJ Aqaba, MBRI Mt Berech, etc.

NEIC 22 06:50:25.5, 25.90N-110.46W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, M1=0.27, M2=1.62, M3=1.89, M4=0.23, M5=0.26, M6=0.01, Fault plane solution: M1 30000-1016 NIP, s=220.30, s2=86000, lambda=621000, NP2=311, 11000, 883.84000, lambda=172.82000, Principal axes: T 1.9060, P1g1.0000, Azm86.0000, N -0.2296, P1g81.0000, Azm352.0000, P -1.6764, P1g9.0000, Azm176.0000, NNC 22 06:50:25.5, 2.5, 25.90N-110.46W, h10km, mb4.9/307, Mwr4.8/22, Md4.6/18(MEX) Error ellipse: s-maj=11.0km s-min=5.0km az=227.0

MEX 22 06:50:28.7, 0.7, 25.84N-110.25W, h8km, MD4.6 IDC 22 06:50:29.2, 0.7, 26.13N-110.25W, h0km, mb4.3/7, mb1 4.5/23, mb1mx4.3/3, mb1mx4.3/23, ML3.5/7, MS4.4/35, Ms1 4.4/35, ms1mx4.3/43, Error ellipse: s-maj=24.4km s-min=10.7km az=57.0

GCMT 22 06:50:29.7, 0.2, 25.94N-110.26W, 0.01, h22km, MM5.1/125, Moment Tensor Solution. s57 c75; s125, c207; Duration: 0 Moment tensor: Scale 10^19Nm; M1=0.28, M2=1.3, M3=5.40, M4=1.2, M5=5.68, M6=1.2, M7=0.94, M8=2.0, M9=-1.45, M10=0.51, M11=1.9; Best double couple: Ms5.82700x1016 NP1.37.00000, 879.00000, lambda=2.00000, NP2.128.00000, 888.00000, lambda=169.00000, Principal axes: T 5.9310, P1g6.0000, Azm262.0000; N -0.2080, P1g79.0000, Azm140.0000; P -5.7240, P1g9.0000, Azm353.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triaxial moment-rate function

BJJ 22 06:50:31.0, 0.0, 2.10N-110.10W, h10km, mb6.0/4, mb5.8/3, Ms5.5/2, Ms7.5/2 I

ECX 22 06:50:41.4, 0.5, 26.88N-110.76W, h20km, 19km, ML4.3 ISC 22 06:50:28.7, 0.3, 25.86N-110.25W, h10km, mb4.9, n693, a2516/526, mb4.8/119, MS4.4/33, 1D, Gulf of California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSIG Topolobambo, LPIG La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TUC Tucson, 214A Organ Pipe Nat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNCM Barren Site, PDMC Part Dam Lak, etc.

22d 6h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MFU Maple Canyon, NVAR Mina Array Bay, etc.

2014 JUL

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like YBH comp=Z,698nm,19.0s, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like NEW Newport, NEW Newport, etc.

158A	Hollywood	27.03	68	P	P	06 56 10.6	-0.5
U55A	Taz, Sparta	27.05	60	P	P	06 56 11.5	+0.1
051A	Patskala	27.08	51	P	P	06 56 11.1	-0.4
NHSC	New Hope	27.09	67	P	P	06 56 11.8	+0.1
W56A	Indian Trail	27.10	63	P	P	06 56 11.7	-0.1
W56A				S	S	07 00 59.7	+1.0
S54A	Dingess, Beckl	27.20	57	P	P	06 56 12.0	-0.7
P52A	Corning	27.22	53	P	P	06 56 15.3	+2.6
P52A	Corning	27.22	53	Iamb	Iamb	06 56 39.5	
D41A	Chassel	27.25	33	Iamb	Iamb	06 56 18.9	
T55A	Pulaski	27.41	59	P	P	06 56 17.7	+3.1
Z58A	St. Stephen	27.43	67	P	P	06 56 18.0	+3.3
U56A	King	27.53	60	P	P	06 56 19.2	+3.6
G45A	Suttons Bay	27.53	40	P	P	06 56 16.7	+1.3
W57A	Gilead	27.58	63	P	P	06 56 21.0	+5.0
E43A	Lone Tree Farm	27.61	36	P	P	06 56 18.9	+2.8
O52A	Adamsville	27.61	52	P	P	06 56 19.2	+2.9
O52A	Adamsville	27.61	52	P	P	06 56 19.6	+3.4
P53A	Whipple	27.70	53	P	P	06 56 19.3	+2.3
P53A	Whipple	27.70	53	Iamb	Iamb	06 56 34.9	
M51A	Elyria	27.85	49	P	P	06 56 21.8	+3.4
V57A	Coltrane Farms	27.90	62	P	P	06 56 19.0	+0.1
Q54A	Coxs Mills	27.93	55	P	P	06 56 22.4	+3.2
T56A	Rocky Mt	27.97	59	P	P	06 56 24.5	+5.0
N52A	McGinn's Farm,	27.98	51	P	P	06 56 23.2	+3.6
GLMI	Graying	28.01	41	P	P	06 56 22.1	+2.3
O53A	New Philadelphia	28.10	52	P	P	06 56 21.2	+0.5
R55A	Marlinton	28.25	57	P	P	06 56 26.1	+4.0
R55A	Marlinton	28.25	57	P	P	06 56 26.4	+4.3
R55A				Iamb	Iamb	06 56 41.1	
U57A	Blanch	28.37	61	P	P	06 56 25.9	+2.8
P54A	Burton	28.40	54	P	P	06 56 24.7	+1.4
V58A	Windy Hill, Pi	28.41	62	P	P	06 56 30.7	+7.3
M52A	Chesterland	28.50	49	P	P	06 56 24.8	+0.5
JTS	Las Juntas de	28.52	118	LR	LR	07 07 54.1	
T57A	Hurt	28.57	60	P	P	06 56 28.0	+3.2
N53A	Lisbon	28.58	51	P	P	06 56 25.8	+0.9
N53A	Lisbon	28.58	51	Iamb	Iamb	06 56 30.6	
O54A	Avella	28.67	53	P	P	06 56 28.0	+2.3
O54A	Avella	28.67	53	Iamb	Iamb	06 56 52.7	
P55A	Reedsville	28.84	54	P	P	06 56 31.4	+4.0
K51A	Iona Station	28.91	47	P	P	06 56 31.0	+3.2
M53A	WI Miller and	28.93	50	P	P	06 56 30.8	+2.7
M53A	WI Miller and	28.93	50	P	P	06 56 32.5	+4.5
M53A				Iamb	Iamb	06 56 33.8	
V59A	Middlesex	29.10	62	P	P	06 56 32.4	+2.8
N54A	Moraine State	29.23	51	P	P	06 56 32.1	+1.4
L53A	Girard	29.42	49	P	P	06 56 33.3	+0.9
O55A	Ligonier	29.45	53	P	P	06 56 36.3	+3.6
K52A	Tilsonburg	29.46	48	P	P	06 56 35.0	+2.3
D46A	Sault St. Mari	29.53	38	P	P	06 56 36.5	+3.2
BBB	Bella Bella	29.56	337	LR	LR	07 08 02.0	
M54A	Oil Creek Stat	29.66	51	P	P	06 56 37.2	+2.7
M54A	Oil Creek Stat	29.66	51	P	P	06 56 38.0	+3.5
M54A				Iamb	Iamb	06 56 39.6	
E47A	Iron Bridge	29.70	39	P	P	06 56 39.0	+4.1
I51A	Listowel	29.71	46	P	P	06 56 39.0	+4.1
J52A	Paris	29.82	47	P	P	06 56 36.9	+1.0
N55A	Marion Center	29.88	52	P	P	06 56 40.5	+4.0
O56A	Blue Knob Stat	30.01	53	P	P	06 56 40.3	+2.7
D47A	Chapleau	30.15	38	P	P	06 56 42.4	+3.7
L54A	Sinclairville	30.18	49	P	P	06 56 38.4	-0.7
Q58A	Fox Den Farm,	30.27	56	P	P	06 56 43.3	+3.6
M55A	Ridgway	30.27	51	P	P	06 56 43.3	+3.6
M55A	Ridgway	30.27	51	Iamb	Iamb	06 56 44.9	
N56A	West Decatur	30.42	52	P	P	06 56 44.4	+3.1
SSPA	Standing Stone	30.62	53	P	P	06 56 46.1	+3.2
SSPA	Standing Stone	30.62	53	P	P	06 56 46.2	+3.3
SSPA				Iamb	Iamb	06 57 00.6	
O57A	Amberson	30.67	54	P	P	06 56 46.1	+2.7
M56A	Emporium	30.69	51	P	P	06 56 46.3	+2.7
K54A	Basiliuk Farm,	30.75	49	P	P	06 56 48.2	+4.0
L55A	Hinsdale	30.76	50	P	P	06 56 44.1	-0.2
H52A	Wyevale	30.82	45	P	P	06 56 47.9	+3.2
N57A	Milroy	30.90	53	P	P	06 56 45.6	+0.2
D48A	Paudash Townsh	30.95	39	P	P	06 56 49.0	+3.2
E50A	Wahnapiite	31.17	41	P	P	06 56 50.9	+3.2
K55A	Perry	31.22	49	P	P	06 56 51.0	+2.7
L56A	Greenwood	31.36	51	P	P	06 56 49.2	-0.4
L56A	Greenwood	31.36	51	P	P	06 56 52.9	+3.3
L56A				Iamb	Iamb	06 56 55.4	
M57A	Sunshine Farm,	31.39	52	P	P	06 56 52.5	+2.7
F51A	Arnstein	31.41	43	P	P	06 56 49.8	-0.1
J55A	Hilton	31.60	48	P	P	06 56 50.8	-0.7
H53A	Bobcaygeon	31.63	46	P	P	06 56 51.2	-0.6
F52A	Sundridge	31.71	43	P	P	06 56 51.5	-1.1
K56A	Middlesex	31.72	50	P	P	06 56 52.0	-0.7
L57A	Andrews Acres	31.80	51	P	P	06 56 55.7	+2.2

G53A	Haliburton	31.84	45	P	P	06 56 53.0	-0.7
M58A	Price's Panora	31.87	52	P	P	06 56 55.8	+1.7
E51A	G1948 Merrick	31.91	46	P	P	06 56 53.4	-1.4
I55A	Frankford	32.06	47	P	P	06 56 55.3	-0.4
D50A	G1974 Best Tow	32.08	41	P	P	06 56 56.3	+0.5
DELO	Deloro Mine	32.23	46	P	P	06 57 01.4	+4.3
DELO				Iamb	Iamb	06 57 03.0	
N59A	State Game Lan	32.23	54	P	P	06 56 58.5	+1.3
N59A	State Game Lan	32.23	54	Iamb	Iamb	06 57 03.1	
J56A	Watcog	32.25	49	P	P	06 56 55.6	-1.6
K57A	Scipio Center	32.29	50	P	P	06 56 58.5	+0.9
G54A	Lake Saint Pet	32.30	45	P	P	06 56 55.9	-1.9
D51A	Lot 18 Range I	32.31	41	P	P	06 56 59.7	+1.8
E52A	Mattawa	32.35	43	P	P	06 56 56.9	-1.3
BINY	Binghamton	32.48	51	P	P	06 56 58.9	-0.5
L58A	Harry Jones Me	32.52	52	P	P	06 56 59.1	-0.7
H55A	Tweed	32.52	47	P	P	06 57 02.0	+2.2
ALGO	Algonquin Park	32.57	44	P	P	06 56 59.7	-0.4
M59A	Waymart	32.66	53	P	P	06 57 01.8	+0.8
N60A	Cedar Hill Far	32.71	54	P	P	06 57 04.9	+3.6
PLVO	Piesco	32.80	46	Iamb	Iamb	06 57 07.6	
D52A	ZEK Kipawa Sen	32.83	42	P	P	06 57 01.7	-0.6
J57A	Williamstown	32.88	49	P	P	06 57 01.6	-1.2
K58A	Earville	32.90	50	P	P	06 57 02.5	-0.6
K58A	Earville	32.90	50	P	P	06 57 07.0	+3.9
E53A	Dumaine, Ponti	33.01	43	P	P	06 57 03.9	0.0
G55A	Calabogie	33.11	46	P	P	06 57 03.9	-1.0
L59A	Walton	33.14	52	P	P	06 57 04.6	-0.6
H56A	Elgin	33.15	47	P	P	06 57 07.4	+2.2
I57A	Carthage	33.30	48	P	P	06 57 06.7	+0.2
D53A	Lac Vacive, Po	33.31	42	P	P	06 57 06.0	-0.5
E54A	Lac Duplat, Po	33.33	43	P	P	06 57 06.0	-0.7
J58A	Remsen	33.35	49	P	P	06 57 09.6	+2.6
J58A	Remsen	33.35	49	Iamb	Iamb	06 57 11.9	
K59A	Coopeertown	33.46	51	P	P	06 57 11.0	+3.0
F55A	Otter Lake	33.59	45	P	P	06 57 12.1	+3.1
L60A	Shokan	33.66	52	P	P	06 57 12.3	+2.6
H57A	Richville	33.67	48	P	P	06 57 08.3	-1.5
I58A	Old Forge	33.68	49	P	P	06 57 08.3	-1.5
M61A	Granite Spring	33.80	54	P	P	06 57 13.0	+2.2
J59A	Piesco	33.92	50	P	P	06 57 13.7	+1.7
J59A	Piesco	33.92	50	Iamb	Iamb	06 57 17.5	
VLDO	Val d'Or	33.95	41	Iamb	Iamb	06 57 17.2	
D54A	Lac Fusel, La	33.97	43	P	P	06 57 13.7	+1.3
ORIO	Orleans, Innes	33.97	46	P	P	06 57 11.1	-1.2
ORIO	Orleans, Innes	33.97	46	P	P	06 57 16.7	+4.4
ORIO				Iamb	Iamb	06 57 18.3	
K5CT	Kent School, K	34.11	53	Iamb	Iamb	06 57 19.5	
G57A	Newington	34.18	47	P	P	06 57 17.7	+3.5
L61A	Hillsdale 1, H	34.19	52	P	P	06 57 16.9	+2.6
L61A	Hillsdale 1, H	34.19	52	P	P	06 57 13.7	-1.3
L61A	Lake Ozonia	34.27	48	Iamb	Iamb	06 57 20.9	
NCB	Newcomb	34.28	49	Iamb	Iamb	06 57 20.8	
I59A	Olmsteadville	34.46	49	P	P	06 57 18.8	+2.1
M62A	Hamden	34.46	54	P	P	06 57 19.7	+3.1
H58A	Gales	34.47	48	P	P	06 57 18.4	+1.7
K61A	Williamstown	34.53	52	P	P	06 57 20.3	+3.0
J60A	Lant Hill Farm	34.60	50	P	P	06 57 20.4	+2.6
D55A	Sainte-Anne-du	34.64	43	P	P	06 57 18.8	+0.6
MATO	Matagami	34.67	38	P	P	06 57 20.6	+2.2
E56A	St. Veronique	34.72	44	P	P	06 57 22.3	+3.5
G58A	Ormsvorn	34.81	47	P	P	06 57 18.3	-1.2
H59A	Cadyville	34.87	48	P	P	06 57 19.6	-0.6
I60A	Shoreham	34.88	50	P	P	06 57 22.8	+2.6
M63A	Gales Ferry	35.07	54	P	P	06 57 24.5	+2.6
D56A	ZEC Mazanza, M	35.10	44	P	P	06 57 22.0	-0.1
E57A	Chemain Saint G	35.23	45	P	P	06 57 26.7	+3.5
J61A	Chester	35.23	51	P	P	06 57 26.8	+3.5
K62A	Royalston	35.26	52	P	P	06 57 27.0	+3.5
VT1	Waterbury	35.40	49	Iamb	Iamb	06 57 30.1	
L63A	North Scituate	35.50	53	P	P	06 57 28.6	+3.0
H60A	Morristown	35.51	49	P	P	06 57 26.0	+0.3
BRVY	Bryant College	35.57	53	Iamb	Iamb	06 57 30.6	
D57A	Chemin Vers le	35.63	44	P	P	06 57 26.8	+0.1
HRV	Adam Dzewionsk	35.70	52	P	P	06 57 29.5	+2.1
HRV	Adam Dzewionsk	35.70	52	Iamb	Iamb	06 57 33.6	
M64A	Tiverton	35.72	54	P	P	06 57 30.9	+3.5
J62A	Henniker	35.72	51	P	P	06 57 30.0	+2.6
E58A	La Victoria	35.77	45	P	P	06 57 30.0	+2.2
K63A	Dunstable	35.77	52	P	P	06 57 30.5	+2.6
WES	Weston	35.84	53	Iamb	Iamb	06 57 45.6	
G60A	Masonville	35.94	48	P	P	06 57 28.2	-1.1
LBNH	Lisbon	35.94	49	P	P	06 57 31.5	+2.1
LBNH	Lisbon	35.94	49	Iamb	Iamb	06 57 35.3	
H61A	Lynoville	36.03	49	P	P	06 57 29.7	-0.4

I62A	Tamworth	36.23	50	P	P	06 57 32.3	+0.4
I62							

22d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KKAR, ARCES, BVAR, BRZS, BTLS, AAK, NIL, KUU, DBIC, MTBS, TIC, KIC, CHKK, TNS5, MDOK, TDK, KURK, SATY, KPKS, MK31, MKAR, MKAR, ZAAO, ZALV, ZALV, ZALV, ZSN, ZSN, DGZ, WMQ, WMQ, WMQ, SUMG, SUMG, ZAK, ZAK, GTA, GTA, GTA, SONM, SONM, SONM, ULN, ULN, BOSA, BOSA, SCHQ, SCHQ.

2014 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCHQ, GBN, HHC, HHC, CMAR, CMAR, CMAR, D63A, Pqi, E64A, BJI, E63A, E63A, G65A, H66A, D62A, EMMW, F64A, E62A, D61A, H65A, G64A, F63A, PKME, F62A, F62A, E61A, D60A, H64A, G63A, F61A, CHGQ, H60A, G62A, LATQ, D58A, F60A, G61A, I63A, I63A, H62A, MOQ, F59A, E58A, D57A, G60A, I62A, H61A, J63A, LBNH, E57A, D56A, G59A, J62A, MATO, LSQJ, L64A, HNH, K63A, WES, HRV, E56A, D55A, FRNY, FRNY, G58A, J61A, H59A, CN2, M64A, K62A, L63A, I60A, VLDQ, H58A, D54A, E55A, L61B, G57A, L63A, L63A, I59A, J60A.

1086

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BILL, BILL, BILL, BILL, BILL, BILL, M63A, KLR, KLR, KLR, K61A, F55A, D53A, D53A, J59A, E54A, H57A, I58A, K5C, E53A, G55A, D52A, I57A, H56A, NJ2, NJ2, A21K, J58A, J58A, J58A, PLVO, ALGO, D51A, E52A, J57A, J57A, L59A, H55A, K58A, K58A, G54A, D50A, M60A, PECO, E51A, I55A, J56A, J56A, G53A, F52A, BINY, BINY, L58A, M59A, K57A, N60A, KSPA, H53A, F51A, E50A, SADO, J55A, K56A, N59A, N59A, D48A, L57A, O60A, M58A, INK, INK, INK, K55A, L56A, J54A, USRK, USRK, USRK, O59A, M57A, M57A, E48A, N58A, N58A, D47A, K54A.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MVL Millersville, WVN West Valley, L55A Hinsdale, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T56A Rocky Mt, HDA Harding Lake, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TILK Tillichiki, KMSK Kamenskaya, OSMK Ossora, etc.

22d 9h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Papeete2, Tubuai, Nukatsue, etc.

SOME 22 08:54:27.3, 42.32N; 70.90E, h15km
KRNET 22 08:54:28.4, 0.1, 4.2, 17N; 70.87E, h20km, mb2.7
NCC 22 08:54:29.3, 0.8, 4.2, 56N; 70.96E, h20km, 9km, mb3.5,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like Taraz, Boroday, Karatay Arr, etc.

2014 JUL

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like DGS, KRBS, KST, KUU, etc.

1088

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like TXAR, CCM, S39A, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like MATI, DDMP, DAVAO, etc.

SOME 22 09:10:42.3, 43.58N; 69.67E
NCC 22 09:10:42.7, 3.9, 43.37N; 69.47E, h0km, mb3.5, mpv2.8,
3C-3D, Error ellipse: s-maj=20.7km s-min=13.1km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KK31, AAK, TKM2, etc.

ICD 22 09:21:02.3, 1.8, 7.02S; 154.92E, h0km, mb3.8/5,
mb1.3/9.5, mb1mx3.7/22, mbtm3.7/5, Error ellipse:
s-maj=77.9km s-min=28.1km az=120.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like WRA, ASAR, STKA, etc.

ICD 22 09:37:54.6, 2.0, 4.73N; 126.51E, h0km, mb4.0/4,
mb1.4/2.4, mb1mx3.7/38, mbtm3.9/4, Error ellipse:
s-maj=178.9km s-min=23.0km az=65.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like DDMP, DAV, KCP, etc.

MAN 22 09:37:59.9, 5.11N; 127.20E, h5km, mb4.7, ML3.6, MS3.5
ISC 22 09:37:53.5, 0.9, 4.93N; 0.08; 127.1E; 0.1, h10km, n25,
c202/23, mb4.2/9, 1C, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like WRA, WRAB, WRA, etc.

ICD 22 09:45:13.4, 1.1, 7.57S; 158.76E, h0km, mb4.1/9,
mb1.4/2.1, mb1mx3.9/42, mbtm3.9/4, Error ellipse:
s-maj=19.0km s-min=7.0km az=73.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like STKA, WRO, WRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like HNR Honiara, RABL Rabaul, PATS Charters Tower, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like WRA 4.2nm,0.3s,baz=338,slow=13,SNR=62, WRA 6.4nm,0.3s,baz=332,slow=22,SNR=9.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like NJ2 Nanjing, KNRA Kunurra, ASAJ Asahikawa, etc.

2014 10h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like PKI Pulchoki, DMN Dama, WMQ Urumqi, etc.

2014 JUL

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like E03A Lebam, J02D Swissme, J01E Myrtle Point, etc.

1090

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like ISA Isabella, Lake, CWC Cottonwood Cre, GRAC Grapevine Rang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSVF Nonsavu, AFI Afiamalu, RAO Raoul Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YNG Young, KRVT Keravat, CTA Charters Tower, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAO Narrogin (SRO), MMRI Maumere, MUN Mundaring, etc.

MWC	comp=Z,13nm,0.8s	77.49	46	P	P	14 22 46.8	-1.0
MWC	Mount Wilson			Iamb	Iamb	14 22 49.3	
RVN	comp=Z,12nm,0.8s	77.50	45	P	P	14 22 48.6	+1.0
ARVC	Arvin	77.50	45	P	P	14 22 48.6	+1.0
KMRM	Mali Ridge	77.60	38	P	P	14 22 49.4	+1.3
ESJX	Sierra Juarez	77.70	49	P	Iamb	14 22 50.1	+1.0
ESJX				Iamb	Iamb	14 22 51.6	
MURC	comp=Z,14nm,0.9s	77.72	47	P	P	14 22 50.1	+1.2
PPBI	Murrieta	77.72	47	P	P	14 22 50.1	+1.2
PPBI	Pangkal Pinang	77.72	272	P	P	14 22 50.1	+0.7
YES	comp=Z,14nm,0.9s	77.75	44	P	P	14 22 50.1	+1.1
YES	Vestal, Richgr	77.75	44	P	P	14 22 50.1	+1.1
BFSC	Mount Baldy Ra	77.77	46	P	P	14 22 50.2	+0.9
MONP2	Monument Peak	77.86	48	P	P	14 22 51.0	+1.0
EDW2	Edwards Air Fo	77.92	46	P	P	14 22 51.2	+1.2
IKP	Iran-Ko-Pah, Jac	77.94	48	P	P	14 22 51.5	+1.3
IKP	Santa Rosalia	77.96	55	P	Iamb	14 22 50.2	-0.1
SRIG	comp=Z,20nm,0.8s	77.97	318	P	P	14 22 51.1	+1.0
SRIG	Korea Array	77.97	318	P	P	14 22 51.1	+1.0
KSR5	comp=Z,6.8nm,1.0s	77.97	318	P	P	14 22 51.1	+1.0
KSR5	comp=Z,6.8nm,1.0s	77.97	318	P	P	14 22 51.1	+1.0
KSAR	comp=Z,4.8nm,2.1fs	77.99	318	P	P	14 22 50.6	+0.3
KSAR	Wonju Array Be	77.99	318	P	P	14 22 50.6	+0.3
KS19	Wonju Array Si	78.04	318	P	Iamb	14 22 50.4	-0.1
KS19				Iamb	Iamb	14 22 53.8	
ISA	comp=Z,52nm,1.6s	78.05	45	P	P	14 22 51.5	+0.7
ISA	Isabella, Lake	78.05	45	P	P	14 22 51.5	+0.7
ISA	comp=Z,22nm,1.0s	78.05	45	P	P	14 22 52.0	+1.2
ISA	Isabella, Lake	78.05	45	P	P	14 22 52.0	+1.2
ISA	Isabella, Lake	78.05	45	P	Iamb	14 22 51.5	+0.7
ISA	Isabella, Lake	78.05	45	P	Iamb	14 22 53.2	
O02D	comp=Z,22nm,1.0s	78.11	39	P	P	14 22 52.5	+1.5
O02D	Mt. Diablo Mer	78.11	39	P	P	14 22 52.5	+1.5
KASI	Kota Agung	78.12	268	P	P	14 22 51.2	-0.3
KASI	Kota Agung	78.12	268	P	P	14 22 51.2	-0.3
PFO	comp=Z,12nm,1.1s	78.24	47	P	P	14 22 52.1	+0.2
PFO	Pinyon Flats O	78.24	47	P	P	14 22 52.1	+0.2
PFO	comp=Z,12nm,1.1s	78.24	47	P	P	14 22 52.7	+0.8
PFO	Pinyon Flats O	78.24	47	P	P	14 22 52.7	+0.8
PFO	comp=Z,12nm,1.1s	78.24	47	P	P	14 22 52.1	+0.2
PFO	Pinyon Flats O	78.24	47	P	P	14 22 52.1	+0.2
CMB	Columbia Colle	78.24	42	P	P	14 22 52.1	+0.4
CMB	Columbia Colle	78.24	42	P	P	14 22 52.1	+0.4
CMB	comp=Z,11nm,0.8s	78.24	42	P	P	14 22 52.1	+0.4
CMB	Columbia Colle	78.24	42	P	P	14 22 52.1	+0.4
XPFO	Pion Flat	78.24	47	P	P	14 22 52.1	+0.2
XPFO	Sam W. Stewart	78.24	47	P	P	14 22 53.2	+1.0
KRMB	Red Mountain	78.33	37	P	P	14 22 53.7	+1.5
KRMB				Iamb	Iamb	14 23 50.7	
AFDM	comp=Z,42nm,1.8s	78.43	41	P	P	14 22 53.0	+0.3
AFDM	Forest D	78.43	41	P	P	14 22 53.0	+0.3
LRMC	Laurel Mtn Rad	78.47	45	P	P	14 22 54.1	+1.0
LRMC	Laurel Mtn Rad	78.47	45	P	P	14 22 54.1	+1.0
ORV	Oroville	78.49	40	P	P	14 22 52.8	-0.2
ORV				Pmax	Pmax	14 22 54.1	+1.0
ORV	comp=Z,9.0nm,1.0s	78.49	40	P	P	14 22 52.8	-0.2
ORV	Oroville	78.49	40	P	P	14 22 52.8	-0.2
WDC	Whiskeytown Da	78.52	39	P	P	14 22 53.2	+0.1
WDC				Pmax	Pmax	14 22 53.2	+0.1
WDC	comp=Z,11nm,1.0s	78.52	39	P	P	14 22 53.2	+0.1
WDC	Whiskeytown Da	78.52	39	P	P	14 22 53.2	+0.1
RRX	Edison Barstow	78.56	46	P	P	14 22 54.8	+1.2
RRX				P	P	14 22 55.6	+1.6
N02D	Trinity Center	78.70	269	P	P	14 22 55.4	+0.5
N02D				P	P	14 22 55.8	+1.0
LWLI	Llwa	78.70	269	P	P	14 22 55.4	+0.5
LWLI	comp=Z,7.9nm,0.5s	78.70	269	P	P	14 22 55.8	+1.0
CWC	Cottonwood Cre	78.76	44	P	P	14 22 55.4	+0.6
CWC				P	P	14 22 55.1	+1.2
MDSI	Maura Dua	78.77	269	P	P	14 22 55.2	+0.6
MDSI				P	P	14 22 55.2	+0.6
BELC	Belle Mtn. Jos	78.77	47	P	P	14 22 55.1	+1.2
BELC				P	P	14 22 55.2	+0.6
O03E	Paynes Creek	78.77	39	P	P	14 22 55.2	+0.6
O03E				P	P	14 22 55.7	+0.6
MDPB	Devils Postpil	78.82	43	P	Iamb	14 22 55.7	+0.6
MDPB				Iamb	Iamb	14 22 57.3	
M02C	Callahan	78.85	38	P	P	14 22 56.5	+1.5
M02C				P	P	14 22 55.8	+0.3
OMMB	Old Mammoth Mi	78.86	43	P	P	14 22 55.8	+0.3
OMMB	Sitkinak Islan	78.88	12	P	Iamb	14 22 55.4	+0.8
SPC	comp=Z,36nm,0.8s	78.93	45	P	P	14 22 56.8	+1.0
SPC	Manual Prospe	78.93	45	P	P	14 22 56.8	+1.0
GSC	Goldstone, Bar	78.95	46	P	P	14 22 56.0	+0.3
GSC				Pmax	Pmax	14 22 56.8	+1.0
GSC	comp=Z,11nm,0.9s	78.95	46	P	P	14 22 56.6	+0.9
GSC	Goldstone, Bar	78.95	46	P	P	14 22 56.0	+0.3
GSC	Goldstone, Bar	78.95	46	P	P	14 22 57.0	+1.2
BL3C	Big Chuckawall	78.96	47	P	P	14 22 57.5	+1.6
BL3C				P	P	14 22 57.5	+1.6
HEC	Hector Ludlow	79.07	46	P	P	14 22 56.9	+0.9
HEC				P	P	14 22 57.4	+1.3
TIN	Tinamahna, Big	79.02	44	P	P	14 22 57.4	+1.3
GLA	Glamis	79.06	49	P	Pmax	14 22 56.8	+0.5
GLA	comp=Z,19nm,1.0s	79.06	49	P	P	14 22 57.9	+1.6
GLA	Glamis	79.06	49	P	P	14 22 56.8	+0.5
GLA	Glamis	79.06	49	P	Iamb	14 22 59.1	
WAKR	comp=Z,19nm,0.9s	79.11	42	P	P	14 22 57.1	+0.4
WAKR	Walker	79.11	42	P	Iamb	14 22 59.1	
YBH	comp=Z,21nm,0.8s	79.15	38	P	P	14 22 57.4	+0.7
YBH	Yreka Blue Hor	79.15	38	P	Pmax	14 22 57.4	+0.7
YBH	comp=Z,12nm,0.8s	79.15	38	P	P	14 22 57.4	+0.7
YBH	Yreka Blue Hor	79.15	38	P	Iamb	14 22 59.1	
YBH				P	P	14 22 58.1	+1.0
K02D	Willamette Mer	79.24	37	P	P	14 22 58.1	+1.0
K02D				P	P	14 22 58.5	+1.4
MSHR	Mys Shultsa	79.27	323	P	Pmax	14 22 58.5	+1.4
MSHR				Pmax	Pmax	14 22 58.7	+0.7
PNTR	Pine Nut	79.37	41	P	Iamb	14 22 58.7	+0.7
PNTR				Iamb	Iamb	14 23 00.8	
J01E	Myrtle Point	79.39	36	P	P	14 22 59.0	+1.2
J01E				P	P	14 22 57.7	+0.2
BELA	Belgrano 2	79.42	172	P	P	14 22 59.2	+0.8
BELA	Granite Mounta	79.44	47	P	P	14 22 59.3	+0.8
VCNR	Virginia City	79.46	41	P	Iamb	14 22 59.3	+0.8
VCNR				Iamb	Iamb	14 23 00.7	
GRAC	Grapevine Rang	79.55	44	P	P	14 22 59.9	+1.0
GRAC				P	P	14 22 59.9	+1.0
FURC	Furnace Creek	79.58	45	P	P	14 22 59.9	+1.0
FURC				P	P	14 22 59.9	+1.0
LHSI	Lahat	79.61	270	P	P	14 22 59.5	-0.1
LHSI				P	P	14 23 00.4	+1.0
TUQ	Turquoise Moun	79.62	46	P	P	14 23 00.4	+1.0
TUQ				P	P	14 23 00.2	+0.8
SHOC	Shoshone, Teco	79.65	46	P	P	14 23 00.2	+0.8
SHOC				P	P	14 22 59.2	+0.3
OHAK	Old Harbor	79.68	12	P	Iamb	14 23 00.7	
OHAK				Iamb	Iamb	14 22 57.7	-1.4
TYV	comp=Z,24nm,0.7s	79.68	335	eP	P	14 22 57.7	-1.4
TYV	Tymovskoe	79.68	335	eP	P	14 22 38.9	-6.7
TYV				Pmax	Pmax		
TYV	comp=Z,26nm,1.2s			Pmax	Pmax		

M04C	comp=N,9.0nm,1.3s	79.69	38	P	P	14 23 00.6	+1.0
M04C	Macdoel	79.69 <td>38</td> <td>P</td> <td>P</td> <td>14 23 00.6</td> <td>+1.0</td>	38	P	P	14 23 00.6	+1.0
L04D	comp=Z,231,SNR=8.3	79.70 <td>38</td> <td>P</td> <td>P</td> <td>14 23 00.5</td> <td>+0.9</td>	38	P	P	14 23 00.5	+0.9
L04D	Klamath Falls	79.70 <td>38</td> <td>P</td> <td>P</td> <td>14 23 00.5</td> <td>+0.9</td>	38	P	P	14 23 00.5	+0.9
RYN	Ryan	79.76	42	P	P	14 23 00.0	-0.1
DSRI	Dabo	79.77	273	P	P	14 23 01.5	+1.0
NVAR	Minna Array Bea	79.78	43	P	P	14 23 01.8	+1.4
NVAR				P	P	14 22 59.0	-1.3
HSIG	comp=Z,11nm,0.7s	79.80	54	P	P	14 22 59.0	-1.3
HSIG	USSuriyok Arra	79.80	54	P	P	14 22 59.0	-1.3
USA0B	USSuriyok Arra	79.87	325	P	Pmax	14 23 01.5	+1.2
USA0B				Pmax	Pmax	14 23 01.5	+1.2
USA0B	comp=Z,29nm,1.3s	79.87	325	P	P	14 23 01.5	+1.2
USA0B	USSuriyok Arra	79.87	325	P	Iamb	14 23 02.8	
USRK	USSuriyok Arra	79.87	325	P	P	14 23 01.7	+1.4
USRK	comp=Z,11nm,1.0s	79.87	325	P	P	14 23 01.7	+1.4
USRK	USSuriyok Arra	79.87	325	P	P	14 23 00.7	+0.4
PAHR	Pah Rah Range	79.87	41	Iamb	Iamb	14 23 01.1	+0.5
PAHR				P	P	14 23 02.8	
214A	comp=Z,12nm,0.8s	79.92	51	P	P	14 23 02.0	+1.1
214A	Organ Pipe Nat	79.92	51	P	P	14 23 01.1	+0.1
I02D	Swisshome	80.06	35	P	P	14 2	

22d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JIS Juneau Island, TCUT Toone Canyon, BESE Bessie Mountai, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLCA Paso Flores, VNA3 Neumayer Olymp, MSTX Muleshoe, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GTA Zalesovo Beam, ULM La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVIS, MTE, PCB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 33C-12D, Southern Iran, KHJN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HSAM, IDOB, HAGD, etc.

IDC 22 14:57:20.8±2.8, 28.03N±1.41°E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/4.1, mbmtpr3.7/5, Error ellipse: s-maj=117.9km s-min=24.0km az=78.0, NEIC 22 14:57:29.4±0.2, 28.0N±0.1; 141.19E±0.4, h68km, 15km, mb4.6/9, Error ellipse: s-maj=55.3km s-min=12.2km az=71.0

ISC 22 14:57:27.6±1.2, 27.93N±0.2; 141.4E±0.3, h35km, n14, mb3.7/4, mb4.1/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CJJ, WRB, WRAB, etc.

JMA 22 14:58:11.9±0.2, 27.48N±1.40°E, h467km, M3.3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBIJ, JHH2, JRY, etc.

NEIC 22 14:59:14.1±0.8, 16.04S±0.10; 167.1E±0.2, h28km, 10km, mb4.3/4, Error ellipse: s-maj=33.8km s-min=8.8km az=109.0

IDC 22 14:59:17.6±9.2, 16.29S±16.7; 18E, h65km, 94km, mb3.6/4, mb1 3.9/5, mb1mx3.4/3.5, mbmtpr3.9/5, ML3.6/1, Error ellipse: s-maj=68.2km s-min=32.6km az=159.0

ISC 22 14:59:13.5±1.2, 16.09S±0.06; 167.1E±0.2, h27km, n9, mb11/10, mb4.0/5, Vanuatu Islands

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

IDC 22 15:06:50.8±8.3, 26.18S±28.97E, h0km, mb1 2.6/1, mb1mx2.6/2.9, mbmtpr2.6/1, ML2.4/1, Error ellipse: s-maj=87.4km s-min=57.0km az=142.0, South Africa

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

OMAN 22 15:22:39.5±21.0, 27.67N±57.52E, h5km, mb6.4/5, mb5.1/20, ms4.0/2, Mwp5.3/5, Error ellipse: s-maj=403.0km s-min=45.9km az=130.0

NEIC 22 15:22:39.2±1.2, 27.60N±0.04; 57.33E±0.09, h10km±1km, mb5.1/132, Error ellipse: s-maj=12.8km s-min=6.6km az=90.0

DSN 22 15:22:40.2±0.9, 27.76N±57.30E, h10km, ML5.4/13, Error ellipse: s-maj=23.4km s-min=6.7km az=131.0

TEH 22 15:22:40.9, 27.59N±57.37E, h10km, ML5.0

MOS 22 15:22:41.2±0.9, 27.56N±57.31E, h38km, mb5.2/7.2, MS4.2/17, Error ellipse: s-maj=5.0km s-min=3.4km az=90.5

IDC 22 15:22:42.0±2.8, 27.68N±57.38E, h20km, 17km, mb4.5/29, mb1 4.6/33, mb1mx4.5/4.4, mbmtpr4.6/33, ML4.3/4, MS4.3/33, MS1 4.3/33, ms1mx4.3/37, Error ellipse: s-maj=12.1km s-min=9.6km az=180.0

GCMT 22 15:22:43.2±0.2, 27.54N±0.02; 57.1E±0.02, h31km, MW5.0/4, Moment Tensor Solution. s44,c57, s94,c136; Duration: 0. Moment tensor: Scale 10^16Nm; Mr2.52±.16; Mw1.08±.10; Mw-1.4±.10; Mw2.33±.14; Mw3.25±.07; Mw-0.13±.13; Best double couple: Mc3.91000x10^16 NP1.345.00000, s38.00000, l138.00000. NP2: 0.111.00000, s66.00000, l60.00000. Principal axes: T 3.8330, P1g58.0000, Azm339.0000; N 0.1530, P1g27.0000, Azm124.0000; P -3.9860, P1g16.0000, Azm222.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 22 15:22:48.0±0.2, 27.17N±55.85E, h38km, mb4.8, M3.9

ISC 22 15:22:42.9±0.4, 27.63N±0.03; 57.35E±0.03, h31km±2km, h31km; pp-P, n676, 0.194/699, mb4.9/194, MS4.2/68,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSRN, SMDO, SHI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KER, QSDN, IVIS, etc.

CHN2	Minshiang	1.83 258	P	Pb	16 47 34.8	-1.3
CHN2	baz=255		S	Sb	16 47 58.6	0.0
JISG	Ishigajimahi	1.84 69	P	Pn	16 47 33.1	+0.6
JISG	baz=255		S	Sb	16 47 57.8	-0.9
SLGT	Liugui	1.89 240	eP	Pb	16 47 36.1	-0.9
SLGT	baz=230		S	Sb	16 47 58.9	-1.2
CHY	Chiayi	1.89 257	eP	Pn	16 47 35.9	-1.1
CHY	baz=254		S	Sb	16 47 59.1	-1.0
RLNB	Erlin	1.89 269	P	Pb	16 47 35.6	-1.5
RLNB	baz=266		S	Sb	16 48 00.6	+0.3
SGST	Jiashian	1.90 244	iP	Pn	16 47 34.7	+1.3
SGST	baz=231		iS	Sb	16 47 58.0	+1.8
CHN1	Nanshi	1.90 247	P	Pb	16 47 35.7	-1.4
CHN1	baz=244		eS	Sb	16 47 59.9	-0.6
TWK	Hsiuying	1.90 250	P	Pb	16 47 36.0	-1.2
TWK	baz=247		S	Sb	16 47 59.1	-1.5
ECL	Taimali	1.90 226	P	Pn	16 47 33.0	-0.4
ECL	baz=223		S	Sn	16 47 55.8	-0.6
SNST	Tainan City	1.91 248	P	Pb	16 47 36.4	-0.9
SNST	baz=246		S	Sb	16 48 01.2	+0.4
WTCT	Ta-cheng	1.97 268	iP	Pn	16 47 35.9	+1.6
WTCT	baz=265		iS	Sb	16 48 02.0	-0.4
WLBG	Puzi	2.00 257	eP	Pb	16 47 37.5	-1.4
WLBG	baz=254		S	Sb	16 48 03.1	-0.4
WMLT	Mailiao	2.02 267	eS	Sb	16 48 04.3	+0.3
SSD	Sandimen	2.03 235	P	Pn	16 47 36.9	+1.6
SSD	baz=226		S	Sn	16 48 01.4	+1.8
WSF	Szhu	2.04 262	P	Pb	16 47 37.9	-1.7
WSF	baz=259		S	Sb	16 48 04.1	-0.5
CHN3	Shinhua	2.08 246	eP	Pb	16 47 39.7	-0.5
CHN3	baz=243		S	Sb	16 48 06.0	+0.4
MASBT	Mashibuluo	2.11 232	P	Pn	16 47 37.0	+0.6
MASBT	baz=223		eS	Sn	16 48 03.2	+1.6
CHN8	Yifu	2.12 254	P	Pn	16 47 38.4	+2.0
CHN8	baz=251		iS	Sb	16 48 05.4	-1.3
EAST	Anshuo	2.12 224	P	Pn	16 47 37.0	+0.5
EAST	baz=221		S	Sn	16 48 02.0	+0.1
SGLT	Jiouru	2.15 236	eP	Pb	16 47 40.6	-0.9
SGLT	baz=234		eS	Sb	16 48 06.9	-0.8
TWM1	Shoushan	2.15 239	P	Pb	16 47 40.7	-0.8
TWM1	baz=237		S	Sb	16 48 06.7	-1.0
SCLT	Jial	2.19 250	S	Sb	16 48 07.4	-1.3
JTJ	Tarama	2.19 71	P	Pn	16 47 39.5	+2.1
JTJ	baz=247		eS	Sb	16 48 07.7	-1.1
TAI1	Yung-kang	2.21 247	eP	Pb	16 47 41.0	-1.4
TAI1	baz=244		eS	Sb	16 48 09.1	-0.2
SSPT	Xinbi	2.24 230	eP	Pn	16 47 39.0	+0.9
SSPT	baz=221		S	Sb	16 48 06.4	+1.7
SNJT	Kaohsiung City	2.26 239	eP	Pn	16 47 41.8	-1.4
SNJT	baz=237		eS	Sb	16 48 11.4	+0.7
SCZT	Fangliang	2.28 227	P	Pn	16 47 41.0	+2.3
HEN	Hengchun	2.48 219	P	Pn	16 47 43.3	+2.0
HEN	baz=217		S	Sn	16 48 12.6	+2.1
TWKBT	Hengchun	2.48 217	eP	Pn	16 47 42.1	+0.7
TWKBT	baz=215		eS	Sn	16 48 12.0	+1.3
TWK1	Hengchun	2.49 217	eP	Pn	16 47 42.4	+0.9
TWK1	baz=215		eS	Sn	16 48 12.3	+1.5
PHUB	Peng-hu	2.65 261	eP	Pn	16 47 45.2	+1.1
PHUB	baz=258		eS	Sn	16 48 16.5	+1.7
PNG	Penghu	2.66 263	eP	Pn	16 47 45.2	+1.4
PNG	baz=259		eS	Sn	16 48 16.5	+1.6
VCHM	Qimei	2.84 256	eP	Pn	16 47 47.8	+1.4
VCHM	baz=253		eS	Sn	16 48 20.5	+0.9
PTTC	Pingtang	2.87 303	eP	Pn	16 47 46.4	-0.4
PTTC	baz=301		Pn	Pn	16 47 47.5	+0.2
VWUC	VWUC	2.91 292	P	Pn	16 47 50.6	+0.1
MATB	Maz-fsu	3.15 315	eP	Pn	16 47 51.5	+0.1
PTMZ	Houxiangcun	3.21 291	eP	Pn	16 47 51.5	+0.1
XPSS	Dashigu	3.60 326	eP	Pn	16 47 57.2	+0.4
KNM	Kimmen	3.68 278	eP	Pn	16 47 59.5	+1.6
KNM	Chin-men Tao	3.73 279	eP	Pn	16 47 58.9	+0.4
KNMB	Chin-men Tao	3.73 279	Pn	Pn	16 47 59.1	+0.6
AXDP	Jialiang	4.17 284	eP	Pn	16 48 04.9	+0.2
AXDP	baz=279		eS	Sn	16 48 53.0	+0.5
ZPLA	Ao Xicun	4.28 271	eP	Pn	16 48 06.6	+0.4
ZPLA	baz=267		eS	Sn	16 48 56.4	+1.4
ZZJH	Jiuhuzhen	4.41 278	eS	Sn	16 48 59.5	+1.2
KSAR	Wonju Array Be	14.25 18	P	Pn	16 50 28.2	-1.5
KSR5	Korea Array	14.27 18	Pn	Pn	16 50 24.5	+1.5
KSR5	0.1nm, 0.3s, baz=196, slow=11, SNR=6.3		LR	LR	16 55 44.7	
KSR5	comp=Z, 7.7nm, 19.5s, baz=180, slow=37		LR	LR	16 50 29.3	-0.9
DAV	Davaco City (W)	17.40 169	LR	LR	16 57 13.9	
DAV	comp=Z, 4.9nm, 20.1s, baz=324, slow=36		LR	LR	17 01 15.7	
USRK	Ussuriysk Arr	21.68 19	LR	LR	17 00 44.1	
GUMO	Guam	23.58 112	LR	LR	17 00 43.0	
GUMO	comp=Z, 3.1nm, 18.8s, baz=152, slow=35		LR	LR	17 03 51.8	
KLR	Kudur	26.29 14	LR	LR	17 00 44.1	
KLR	comp=Z, 8.2nm, 18.2s, baz=191, slow=38		LR	LR	16 52 42.5	-0.2
SONM	Songino Array	27.05 336	P	P	16 52 42.5	-0.2
SONM	3.4nm, 1.0s, baz=154, slow=9.4, SNR=1.1		LR	LR	17 05 19.5	
SONM	comp=Z, 6.3nm, 19.3s, baz=164, slow=41		LR	LR	16 52 40.0	-0.7
SONM	3.4nm, 1.0s, baz=154, slow=9.4, SNR=1.1		P	P	16 54 29.3	0.0
MK31	Makanchi Array	39.30 316	P	P	16 54 29.6	+0.3
MKAR	Makanchi Array	39.30 316	P	P	16 54 29.6	+0.3

2.2nm, 0.7s, baz=101, slow=11, SNR=17	MKAR	Makanchi Array	39.30 316	P	P	16 54 29.1	-0.2
	MAK2	Makanchi	39.51 316	P	Iamb	16 54 31.1	+0.1
	MAK2			Iamb	16 54 32.3		
comp=Z, 4.4nm, 1.1s	ZAAO	Zalesovo Array	41.07 327	P	Iamb	16 54 42.6	-1.1
	ZAAO			Iamb	16 54 43.8		
comp=Z, 7.1nm, 1.2s	ZALV	Zalesovo Beam	41.07 327	P	P	16 54 43.2	-0.5
	ZALV			LR	17 12 42.4		
comp=Z, 2.8nm, 0.6s, baz=109, slow=7.2, SNR=11	ZALV			LR	17 12 42.4		
comp=Z, 2.1nm, 20.9s, baz=186, slow=38	ZALV	Zalesovo Beam	41.07 327	P	P	16 54 42.5	-1.2
	KURK	Kurchatov	43.01 320	P	P	16 54 59.0	-0.5
	WRA	Warrunganga Arr	45.13 164	P	P	16 55 18.0	+1.1
comp=Z, 0.9nm, 0.8s, baz=348, slow=8.3, SNR=4.6	WRA	Warrunganga Arr	45.13 164	Iamb	Iamb	16 55 19.0	
comp=Z, 0.2nm, 1.1s	WR0	Warrunganga Arr	45.20 164	P	P	16 55 18.2	+0.8
	ASAR	Alice Springs	48.62 166	P	P	16 55 45.9	+1.6
comp=Z, 0.7nm, 1.0s, baz=344, slow=7.1, SNR=8.5	ASAR	Alice Springs	48.62 166	P	P	16 55 42.9	-1.2
	BRVK	Borovyoye	48.65 321	P	P	16 55 43.9	-0.2
	ABKAR	Akbulak array	54.42 314	P	P	16 56 27.0	-0.1
	IL31		68.91 27	Iamb	Iamb	16 58 23.3	
comp=Z, 5.8nm, 1.5s	FINES	FINES Array B	72.23 330	P	P	16 58 25.3	+0.3
	FINES			LR	17 31 37.1		
comp=Z, 1.2nm, 0.9s, baz=64, slow=8.7, SNR=5.0	BR131	Keskin Array S	74.23 307	P	P	16 58 37.4	-0.1
	BR131			Iamb	16 58 39.4		
comp=Z, 3.3nm, 18.2s, baz=79, slow=37	BRTR	Keskin Array B	74.23 307	P	P	16 58 38.0	+0.6
	BRTR			P	16 58 37.3	-0.1	
comp=Z, 0.36nm, 18.1s, baz=132, slow=37	HFS	Hagfors	78.33 331	LR	LR	17 34 47.3	
comp=Z, 0.1nm, 0.4s, baz=55, slow=5.4, SNR=3.5	NOA	NORSAR Array B	78.97 332	P	P	16 59 03.0	-0.7
	NOA			LR	17 36 47.9		
comp=Z, 19nm, 18.2s, baz=65, slow=38	CLL	Collm	82.93 323	eP	LR	16 59 42.0	+5.2
	BORG	Borgarnes	87.25 345	LR	LR	17 43 56.6	
comp=Z, 15nm, 19.0s, baz=52, slow=39							

IDC 22 16:58:12.6, 2.2, 4.32N, 122.95E, h0km, mb3.5/3,
mb1 3.7/3, mb1mx3.3/42, mb1mp3.5/3, Error ellipse:
s-maj=291.3km s-min=27.5km az=63.0, Celebes Sea
 Code Station Name Δ° AZ° Phase ID Time Res
 Code Station Name Δ° AZ° Phase ID Time Res
 WRA Warrunganga Arr 26.59 155 Op P 17 03 52.7 -0.1
 ASAR Alice Springs 29.80 159 eP P 17 04 21.5 +0.1
 MKAR Makanchi Array 54.96 327 P P 17 07 45.5 -0.1
 0.3nm, 0.6s, baz=115, slow=8.7, SNR=3.6

UPP 22 17:00:58.6, 0.2, 6.7°10N, 21°00E, h0km, ML2.1, Explosion
IDC 22 17:00:59.3, 1.0, 6.7°08N, 20°92E, h0km, mb1 2.6/4,
mb1mx2.6/41, mb1mp2.6/4, ML2.0/4, Error ellipse:
s-maj=16.3km s-min=8.1km az=119.0
HEL 22 17:00:59.3, 0.1, 6.7°08N, 20°90E, h0km, ML1.9,
ML2.1(UPP), Explosion
BER 22 17:01:00.8, 1.9, 6.7°07N, 20°89E, h0km, ML1.6, Suspected
explosion
IDC 22 17:00:58.4, 0.9, 6.7°07N, 20°03, 20.86E, 0.04, h0km, m50,
e1510/60, Sweden

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
ERTU	Ertsejerv	0.74	134	P	Pg	17 01 12.2	-0.4
ERTU	Ertsejerv	0.74	134	iP	Sg	17 01 22.1	-0.1
ERTU	Saltoluokta	0.96	290	eP	iS	17 01 22.1	-0.1
LANU	Lannavaara	1.07	203	eP	Pg	17 01 17.9	-0.2
KOVU	Salmi	1.19	347	P	Pg	17 01 20.5	-0.6
KOVU	Salmi	1.19	347	eP	Sg	17 01 20.5	-0.6
SJUU	Sjulsmark	1.60	169	P	eS	17 01 26.2	-0.2
SJUU	Sjulsmark	1.60	169	eP	Pn	17 01 27.8	-0.1
TOF	Tornio	1.71	124	eP	Pn	17 01 29.4	0.0
TOF				e	17 01 47.0		
TOF				MSG	17 01 49.5		
HEF	Hetta	1.71	37	eP	Pn	17 01 29.2	-0.4
HEF	Hetta	1.71	37	eP	Pn	17 01 29.1	-0.4
LILU	Lilltraesk	1.84	193	P	Pn	17 01 32.0	+0.8
LILU	Lilltraesk	1.84	193	eP	Pn	17 01 32.0	+0.8
KIF	Kilpisjarvi	1.94	359	eP	Pn	17 01 36.7	+1.4
KIF				e	17 01 40.2		
KIF	Kilpisjarvi	1.94	359	eP	Pn	17 01 34.1	+1.4
RNF	Rovaniemi	2.09	101	eP	Pn	17 01 35.4	+0.7
I37NO	I37NO	2.18	338	i	Pn	17 01 15.6	3.3
FAUS	Fauske	2.19	281	eP	Pn	17 01 37.7	+1.7
SGF	Sodankyl	2.23	78	eP	Pn	17 01 37.5</	

Table with 4 columns: EKA, Eskdaleuir Ar, 24.22 325 P, 17 31 20.5 +1.3

Table with 4 columns: MKAR, Makanchi Array, 44.92 58 P, 17 34 16.6 -0.8

MAN 22 18:03:03.9, 12:48N, 123:57E, h1km, mb3.7, ML2.5, MS2.0, 1C-10, Luzon

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

JMA 22 18:35:10.4, 0.5, 32:68N, 142:15E, h9km, M3.5, Southeast of Honshu

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

JMA 22 18:40:39.3, 0.1, 43:11N, 146:28E, h48km, 1km, M3.2

SKHL 22 18:40:20.4, 0.4, 43:10N, 146:30E, h43km, 5km, mb3.8/3

ISC 22 18:40:40.4, 9, 43:14N, 146:29E, 0.08, h38km, 6km, n13, c067/26, Kuril Islands

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

JMA 22 19:14:48.1, 0.1, 25:79N, 130:00E, h42km, M4.2

NIED 22 19:14:48.2, 25:80N, 130:00E, h42km, MW4.0, Moment Tensor Solution, s2

NEIC 22 19:14:49.7, 1.4, 25:78N, 130:2E, 0.2, h23km, 5km, mb4.8/13

ISC 22 19:14:52.2, 0.0, 25:95N, 130:63E, h47km, 30km, mb3.7/12

ISC 22 19:14:46.7, 2.5, 25:83N, 130:00E, 0.05, h3km, 17km, n59, c222/80, mb4.1/18, Southeast of Ryukyu Islands

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

JMA 22 19:14:48.1, 0.1, 25:79N, 130:00E, h42km, M4.2

NIED 22 19:14:48.2, 25:80N, 130:00E, h42km, MW4.0, Moment Tensor Solution, s2

NEIC 22 19:14:49.7, 1.4, 25:78N, 130:2E, 0.2, h23km, 5km, mb4.8/13

ISC 22 19:14:52.2, 0.0, 25:95N, 130:63E, h47km, 30km, mb3.7/12

ISC 22 19:14:46.7, 2.5, 25:83N, 130:00E, 0.05, h3km, 17km, n59, c222/80, mb4.1/18, Southeast of Ryukyu Islands

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

KSRS 0.0nm, 0.3s, baz=175, slow=16, SNR=2.7

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

WRA Warramunga Arr 45.69 174 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

WRO Warramunga Arr 45.73 174 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

ABKAR Abkulk arkay 58.08 313 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

ISC 22 19:19:24.9, 0.7, 61:88N, 123:67W, h0km, mb3.2/4

PGC 22 19:22:6.0, 61:94N, 123:56W, h5km, ML3.6/6, Mw3.8

ISC 22 19:22:6.0, 61:94N, 123:56W, 0.03, h10km, n52, c2586/82, mb3.4/3, Northwest Territories

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

YKA Yellowknife Arr 4.29 79 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

DLBC Dease Lake 4.73 225 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

DLBC Dease Lake 4.73 225 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

DLBC Dease Lake 4.73 225 P

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

BBB Bella Bella 10.07 196 Pn

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

RES Resolute Bay 16.34 27 Pn

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

CRAIG 22 19:34:19.5, 34:82N, 6:37E, M3.4

ISC 22 19:34:22.7, 1.8, 33:40N, 9:52E, h0km, mb3.4/2, mb1 3.3/3

ISC 22 19:34:16.7, 1.4, 34:8N, 0:16E, h0km, n8, c1930/8, Northern Algeria

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

ISC 22 19:41:03.9, 3.2, 29:99S, 177:42W, h0km, mb3.3/2

ISC 22 19:41:03.9, 3.2, 29:99S, 177:42W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/31, mbtmp3.3/2, Error ellipse: s-maj=66.6km s-min=25.7km az=80.0, Kermadec Islands

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

MEX 22 19:46:21.7, 0.8, 14:61N, 93:26W, h20km, 320km, MD3.9

CGC 22 19:46:23.0, 0.4, 15:80N, 92:39W, h17km, 999km, MD4.0

ISC 22 19:46:18.9, 3.5, 14:6N, 0:1, 93:2W, 0.1, h34km, 4km, n7, c11/13, Near coast of Chiapas

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

AUST 22 19:49:45.9, 0.7, 30:64S, 117:69E, h10km, 4km, Error ellipse: s-maj=4.6km s-min=3.1km az=84.0, Western Australia

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

ISC 22 20:00:00.3, 2.0, 36:91S, 175:42E, h115km, 27km, mb3.4/4

WEL 22 20:00:01.9, 37:5, 17:7E, h226km, 6km, M3.1/31, MLV3, 1/31, Error ellipse: s-maj=27.0km s-min=25.4km az=172.5

NEIC 22 20:00:02.5, 1.1, 37:45S, 0:08, 176:5E, 0.1, h218km, 10km, Error ellipse: s-maj=14.4km s-min=12.1km az=93.0

ISC 22 20:00:02.8, 0.8, 37:43S, 0:06, 176:63E, 0.05, h228km, 6km, n151, c194/171, mb3.8/9, North Island

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC

22d 21h

2014 JUL

1108

Table with columns: ID, Name, Comp, Z, S, P, I, A, M, B, Date, Time, and other details. Includes entries like W50A Signal Mountain, PV17 East Wray Mesa, HEC Hector, Ludlow, etc.

Table with columns: ID, Name, Comp, Z, S, P, I, A, M, B, Date, Time, and other details. Includes entries like V57A Coltrane Farms, P49A Miami Univ. Ec, OMMB Old Mammoth, etc.

Table with columns: ID, Name, Comp, Z, S, P, I, A, M, B, Date, Time, and other details. Includes entries like AGMN Agassiz Nation, DGMT Dagmar, J05D Fort Rock, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like G63A Kingsbury, F62A Pittston Farm, G64A Maxfield, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SKI Saint Kitts, SKOC St. Kitts, NWDO Nevis, etc.

TRN 22:21:59:13.5, 17:48N:62:71W, h159km, MD3.5, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like AF1 Afiamalu, NIUE Niue, STKA Stephens Creek, etc.

az=150.0, ISC 22:22:08:56.2, 0.15:55S:0:09:173:3W, 0.1, h100km, n22, c124/22, mb4.2/8, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like HOPE Hope Point, SNAA Sanae, BELA Boshof, etc.

SOME 22:22:11:59.4, 39:65N:74:13E, h10km, NNC 22:22:12:01.0, 2.2, 39:72N:74:10E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=18.0km s-min=14.7km az=111.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like OHH Osh, ARSB Arsenbob, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MRKS Merke, ARS Arsenbob, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like DGS 5.3nm, 0.5s, KRBS Karabastu, etc.

IDC 22:22:33:37.7, 1.6, 7:57S: 129:08E, h124km, 18km, mb3.7/2, mb1.3/9.7, mb1mx3.5/32, mbtmp4.3/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/32, Error ellipse: s-maj=20.4km s-min=13.3km az=109.0

NEIC 22:22:33:39.0, 1.4, 7:60S:0:08:129:14E, 0:09, h153km, 5km, mb4.0/6, Error ellipse: s-maj=13.0km s-min=10.7km az=56.0

ISC 22:22:33:37.4, 0.8, 7:61S:0:06:129:05E, 0:07, h131km, n26, c181/31, mb4.0/6, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, SOEI Soe, MTN Manton Dam, etc.

JMA 22:22:48:52.3, 0.1, 39:12N:142:47E, h32km, 1km, M3.7, JMA Fell I JT, IDC 22:22:49:15.1, 18.0, 38:30N:140:46E, h183km, 97km, mb2.9/3, mb1.3, 1.4, mb1mx2.8/30, mbtmp3.4/4, Error ellipse: s-maj=30.5km s-min=24.6km az=62.0

ISC 22:22:48:52.6, 2.3, 39:16N:142:47E, 0.1, h31km, 12km, n16, c181/27, mb3.2/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JKMT Kesennumamotoy, etc.

DMN 22:22:58:28.5, 0.3, 25:99N:90:34E, h60km, M15.3/4, Error ellipse: s-maj=20.2km s-min=6.9km az=26.0

NEIC 22:22:58:29.1, 1.7, 26:03N:0:09:89:57E, 0:09, h89km, 3km, mb4.2/38, Error ellipse: s-maj=15.0km s-min=9.2km az=214.0

NDI 22:22:58:30.3, 4.0, 26:04N:89:85E, h10km, 19km, ML4.2, mb4.2(NEIC), IDC 22:22:58:31.0, 0.7, 26:05N:89:59E, h18km, 4km, mb3.8/1.7, mb1.4/0.18, mb1mx3.9/38, mbtmp3.9/18, ML3.9/1, MS3.2/7, Ms1 3.3/7, ms1mx3.0/33, Error ellipse: s-maj=22.5km s-min=13.1km az=49.0

Bull 22:22:58:31.8, 0.0, 26:49N:89:86E, h10km, mb4.6/19, mb4.4/25, ML4.4/2, Ms4.0/7, Ms3.7/3, ISC 22:22:58:31.7, 0.6, 26:06N:0:05:89:75E, 0:03, h22km, 4km, h23km, P-P, n117, c28/31, mb4.1/26, MS3.2/6, 8C-9D, India-Bangladesh border region

Error ellipse: s-maj=8.3km s-min=7.0km az=163.0
KRNET 22 23:38:02.0.2.1,40:56N-78:31E,mb2.6
ISC 22 23:37:58.8.2.7,40:4N,0.1:78:00E,0.06,h10km,n32,
e137/53,11C-13D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KDJ, PRZ, ULHL, ANVS, BOOM, SATY, KZA, TNS, TNS, UZB, MDOK, KOTS, KST, TKM, ARL, DGS, KRBS, AAK, MNBS, AML, KUU, KRBS, BDFS, EKS2.

IDC 22 23:46:52.4.2.5,25:71N,109:95W,h0km,mb3.5/2,
mb1 3.8/7,mb1mx3.5/42,mbtmp3.4/7,ML3.5,MS3.6/19,
Ms1 3.6/19,ms1mx3.5/33,Error ellipse: s-maj=22.9km
s-min=14.6km az=113.0

NEIC 22 23:46:52.4.2.5,25:78N,109:04E,10:37W,0.09,h10km,2km,
mb4.1/48,Md4.2/(MEX),Error ellipse: s-maj=14.3km
s-min=3.3km az=67.0

ISC 22 23:46:53.3.0.7,25:79N,110:30W,h10km,MD4.2
ISC 22 23:46:53.3.0.7,25:79N,110:30W,0.04,110:26W,0.06,h15km,n74,
e187/52,mb4.2/7,MS3.6/12, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like TSIG, LPIG, LPIG, LPIG, SLBS, GUYB, SRIG, SRIG, HSIG, HPIG, 319A.

TUCSON Tucson 6.51 356 Pn Pn 23 48 25.8 -2.8
214A Organ Pipe Nat 6.54 341 Pn Pn 23 48 26.9 -2.0
TXAR Lajitas Array 6.83 57 Pn Pn 23 48 29.7 -3.3

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like TXAR, SPX, ANMO, NVAR, DUG, PNTR, ELK, ELK, HWUT, PAHR, AFDM, RWWY, ORV, CMIG, WLAR, MIAR, BW06, PD31, PDAR, AHID, X40A, REDW, TPAW, KCPM, KCPM, 344A, HLD, U40A, FLWY, YBH, YHL, R40A, Y45A, BMO, PINE, F10A, TEIG, ECSD, PLAL, MSO, WVT, Q44A, EGMT, D08A, NEW, NEW, NEW, WALLA, B08A, TKL, ULM, BBB, SADO, YKA, ROSA, ILAR, ILAR, FRB, BDFS, ESDC, MRL, ESQI, ESQI, MTO3, MTO3, MTO3, NRB, NRB, TACO, TACO, TACO, RUTE, NUBE, NUBE, SNJE, SNJE, IXG, FUG, FUG.

NET 22 23:50:20.6.1.6,15:01N,89:45W,h13km,999km,ML2.8
CGG 22 23:50:21.1.1.0,15:02N,89:70W,h3km,150km,MD3.4
ISC 22 23:50:20.8.1.5,14:38N,106:09:59W,0.06,h8km,13km,
n12,e070/18,1D,Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MRL, ESQI, ESQI, MTO3, MTO3, MTO3, NRB, NRB, TACO, TACO, TACO, RUTE, NUBE, NUBE, SNJE, SNJE, IXG, FUG, FUG.

JAYA Jayaque - finc 1.33 174 eS Sb 23 51 02.9 -0.4
JAYA 2.246nm,0.2s IAML 23 51 04.7

PAVA Las Pavas 1.41 153 IAML 23 51 14.2
comp=Z,277nm,0.4s

IDC 22 23:52:26.3.1.7,25:53N,109:74W,h0km,mb1 3.7/3,
mb1mx3.4/44,mbtmp3.2/3,ML2.9,Error ellipse:
s-maj=31.5km s-min=16.4km az=120.0, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like LPIG, LPIG, TXAR, TXAR, PDAR, NVAR.

NEIC 22 23:59:03.5.2.0,52:4N,0.1:31:8W,0.2,h10km,1km,
mb4.3/19,Error ellipse: s-maj=24.4km s-min=15.9km
az=177.0

IDC 22 23:59:03.2.0.9,52:41N,31:67W,h0km,mb3.6/13,
mb1 3.8/14,mb1mx3.7/47,mbtmp3.7/14,ML4.0/1,Error
ellipse: s-maj=29.5km s-min=15.7km az=10.0

ISC 22 23:59:04.3.0.7,52:4N,0.2:31:78W,0.07,h13km,n40,
e1905/40,mb3.9/19,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like DSB, DSB, ESK, ESK, ESK, SCHO, SCHO, LMN, LMN, ESDC, ESDC, NOA, NOA, TUE, TUE, CLL, CLL, GRES, GRES, ARCES, ARCES, FINES, FINES, SUW, SUW, BIRU, BIRU, AKASG, AKASG, AKBB, AKBB, BR131, BR131, BR131, BRTR, BRTR, BRTR, X40A, X40A, TOAO, TOAO, TORD, TORD, TORD, ARU, ARU, ARU, FLWY, FLWY, PDAR, PDAR, HWUT, HWUT, ILAR, ILAR, ILAR, TXAR, TXAR, TXAR, MKAR, MKAR, MKAR, SONM, SONM, SONM, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR.

BER 23 00:06:07.1.2.3,79:21N,3:24E,h10km,ML1.9,
ML2.5(DNK),Confirmed Earthquake

IEPN 23 00:06:09.0,79:08N,3:91E,h15km
ISC 23 00:06:02.5.1.2,79:23N,0:08:288E,0:05,h10km,n14,
e2932/27,3C,Greenland Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KBS, KBS, KBS, KBS, BRBA, BRBA, SPA0, SPA0, SPA0, HSPB, HSPB, HSPB, NOR, NOR, DAG, DAG, HOPEN, HOPEN, HOPEN, DBG, DBG, DBG, ZF12, ZF12, ZF12.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like BC3 Big Chuckawall, MONP2 Monument Peak, BAR Mesa Verde, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like X54A Belton, X54A Pelion, LRMC Laurel Mtn Rad, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like SFIN Lafayette, SFIN Raeford, W58A Bolivia, etc.

23d Oh

V60A	Jim Taylor Roa	28.11	43	P	P	00 34 05.4 -0.8
O51A	Pataskala	28.12	30	P	P	00 34 04.5 -1.9
U59A	Littleton	28.12	41	P	P	00 34 04.5 -1.0
Q54A	Coxs Mills	28.13	34	P	P	00 34 05.3 -1.1
Q54A	Coxs Mills	28.13	34	I Amb	I Amb	00 34 10.2
ROSC	El Rosal	28.15	112	P	P	00 34 08.4 +1.1
ROSC						00 34 17.9
SNOW	Snow King Moun	28.18	344	I Amb	I Amb	00 34 10.6
P53A	Whipple	28.21	32	P	P	00 34 05.2 -2.0
P53A	Whipple	28.21	32	I Amb	I Amb	00 34 43.0
TPAW	Teton Pass	28.26	344	I Amb	I Amb	00 34 24.1
S57A	Dark Hollow, R	28.33	38	P	P	00 34 07.2 -1.0
O52A	Adamsville	28.47	31	P	P	00 34 07.3 -2.1
O52A	Adamsville	28.47	31	I Amb	I Amb	00 34 08.7
R56A	Bull Pasture M	28.51	36	P	P	00 34 09.5 -0.4
R56A				S	S	00 39 05.2 +7.4
Q55A	Buckhannon	28.55	35	P	P	00 34 09.1 -1.1
Q55A				S	S	00 39 04.3 +6.0
V61A	Roper	28.57	43	P	P	00 34 10.2 -0.2
U60A	Pendleton	28.60	42	P	P	00 34 09.7 -0.9
U60A				S	S	00 39 05.5 +6.5
T59A	Double "B" Far	28.66	40	P	P	00 34 10.3 -0.9
T59A				S	S	00 39 05.7 +5.7
T59A	Double "B" Far	28.66	40	I Amb	I Amb	00 34 11.9
FLWY	Flag Ranch	28.75	345	I Amb	I Amb	00 34 23.2
L48A	N Adams	28.76	25	I Amb	I Amb	00 34 19.9
S58A	Poland Farm, P	28.77	39	P	P	00 34 11.1 -1.0
S58A				S	S	00 39 07.5 +5.9
P54A	Burton	28.77	33	P	P	00 34 10.0 -1.2
RUSC	La Rusia	28.82	109	P	P	00 34 12.7 -0.6
N51A	Ashtand	28.83	29	P	P	00 34 10.6 -2.1
O53A	New Philadelph	28.88	31	P	P	00 34 11.1 -2.0
R57A	Stanardsville	28.94	37	P	P	00 34 12.6 -1.1
R57A				S	S	00 39 11.1 +6.7
H17A	Grant Village	29.01	345	P	P	00 34 16.1 +1.6
P55A	Reedsville	29.05	34	P	P	00 34 13.7 -1.0
P55A				S	S	00 39 10.1 +3.9
Q56A	Snyder Ridge,	29.07	36	P	P	00 34 14.0 -0.9
Q56A				S	S	00 39 11.7 +5.2
Q56A	Snyder Ridge,	29.07	36	I Amb	I Amb	00 34 33.9
N52A	McGinn's Farm,	29.08	30	P	P	00 34 12.5 -2.3
R58B	Mineral	29.10	39	P	P	00 34 13.7 -1.3
R58B				S	S	00 39 13.0 +6.1
MCWV	Mont Chateau	29.15	34	P	P	00 34 14.0 -1.5
R58A	Rapidan	29.25	38	P	P	00 34 15.6 -0.8
R58A				S	S	00 39 15.2 +6.0
M51A	Elyria	29.25	29	P	P	00 34 13.5 -2.8
O54A	Avella	29.25	33	P	P	00 34 14.7 -1.7
SPMN	Marine on St.	29.25	11	P	P	00 34 14.6 -1.8
SPMN	Marine on St.	29.25	11	I Amb	I Amb	00 34 51.6
T60A	Surry	29.28	41	P	P	00 34 15.7 -0.9
S59A	Mechanicsville	29.32	39	P	P	00 34 16.4 -0.7
AAM	Ann Arbor	29.38	26	P	P	00 34 15.8 -1.7
HLID	Hailey	29.39	339	P	P	00 34 18.5 +0.7
HLID	Hailey	29.39	339	I Amb	I Amb	00 34 20.1
RLMT	Red Lodge	29.39	347	P	P	00 34 17.5 -0.3
RLMT	Red Lodge	29.39	347	I Amb	I Amb	00 34 21.0
N53A	Lisbon	29.49	31	P	P	00 34 16.4 -2.1
Q57A	Strasburg	29.50	36	P	P	00 34 18.4 -0.3
Q57A				S	S	00 39 19.0 +5.7
L50A	Kingsville	29.53	27	P	P	00 34 16.7 -2.2
CBN	Corbin Frederi	29.56	39	P	P	00 34 18.5 -0.6
P56A	Dayton Farm, R	29.59	35	P	P	00 34 18.8 -0.6
P56A				S	S	00 39 21.2 +6.7
S60A	Water View	29.68	40	P	P	00 34 19.8 -0.4
J47A	Sumner	29.70	23	I Amb	I Amb	00 35 04.8
R59A	King George, V	29.71	39	P	P	00 34 20.1 -0.4
F36A	Milaca	29.75	10	I Amb	I Amb	00 34 26.7
MFID	Camas Ranch	29.77	337	I Amb	I Amb	00 34 23.6
M52A	Chesterland	29.80	30	P	P	00 34 19.3 -1.9
M52A	Chesterland	29.80	30	I Amb	I Amb	00 34 21.8
HOPS	Hopland Field	29.82	323	I Amb	I Amb	00 34 25.2
O55A	Ligonier	29.83	34	P	P	00 34 20.6 -1.0
O55A				S	S	00 39 24.0 +5.6
Q58A	Fox Den Farm,	29.86	37	P	P	00 34 21.1 -0.7
Q58A				S	S	00 39 26.6 +7.7
O03E	Paynes Creek	30.02	326	P	P	00 34 23.8 +0.5
N54A	Moraine State	30.03	32	P	P	00 34 21.1 -2.2
SDV	Santo Domingo	30.03	101	P	P	00 34 23.9 +0.1
P57A	Homestead Farm	30.04	36	P	P	00 34 22.8 -0.6
P57A	Homestead Farm	30.04	36	I Amb	I Amb	00 34 25.0
M53A	WI Miller and	30.05	31	P	P	00 34 21.5 -2.0
M53A	WI Miller and	30.05	31	I Amb	I Amb	00 34 26.4
R60A	Leonardtown, M	30.08	39	P	P	00 34 23.0 -0.8
K50A	Lesco	30.20	27	P	P	00 34 22.6 -2.2

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O56A	Blue Knob Stat	30.27	34	P	P	00 34 24.5 -1.0
O56A	Blue Knob Stat	30.27	34	I Amb	I Amb	00 34 25.7
S61A	Accomac	30.28	41	P	P	00 34 25.5 0.0
LAO	LASA Array	30.39	352	P	P	00 34 25.9 -0.6
LAO	LASA Array	30.39	352	I Amb	I Amb	00 34 48.2
BOZ	Bozeman (W)	30.40	344	P	P	00 34 27.5 +0.8
BOZ	Bozeman (W)	30.40	344	I Amb	I Amb	00 34 29.0
N55A	Marion Center	30.40	33	P	P	00 34 25.5 -1.3
P58A	Park, Wackersv	30.45	37	P	P	00 34 25.9 -1.1
P58A				S	S	00 39 34.0 +6.0
O02D	Mt. Diablo Mer	30.47	325	P	P	00 34 27.6 +0.3
KCPM	Cahto Peak	30.58	323	I Amb	I Amb	00 34 40.0
M54A	Oil Creek Stat	30.60	32	P	P	00 34 26.8 -1.6
M54A	Oil Creek Stat	30.60	32	I Amb	I Amb	00 34 29.7
L53A	Girard	30.64	30	P	P	00 34 26.8 -1.9
K51A	Iona Station	30.65	28	P	P	00 34 26.0 -2.8
O57A	Amberston	30.74	35	P	P	00 34 28.8 -0.8
O57A				S	S	00 39 38.3 +5.5
J08A	Circle Bar Ran	30.77	334	I Amb	I Amb	00 34 32.6
N56A	West Decatur	30.88	34	P	P	00 34 29.9 -1.0
N56A				S	S	00 39 39.1 +4.3
ERPA	Erie	30.89	30	P	P	00 34 28.5 -2.4
SSPA	Standing Stone	30.90	35	P	P	00 34 30.1 -0.9
SSPA	Standing Stone	30.90	35	P	P	00 34 28.2 -2.8
Q60A	Greensboro	30.99	39	P	P	00 34 30.8 -1.0
KMRM	Mail Ridge	31.02	324	I Amb	I Amb	00 34 43.4
M55A	Ridgeway	31.03	33	P	P	00 34 30.8 -1.4
M55A				S	S	00 39 41.2 +4.0
M55A				I Amb	I Amb	00 35 29.7
P59A	Jarrettsville	31.03	38	P	P	00 34 31.4 -0.8
K52A	Tiltsburg	31.06	29	P	P	00 34 29.6 -2.8
O58A	Lewisberry	31.09	36	P	P	00 34 31.7 -1.0
M04C	Macdoel	31.12	328	P	P	00 34 34.2 +1.2
GLMI	Graying	31.14	22	P	P	00 34 31.3 -1.7
N57A	Milroy	31.17	35	P	P	00 34 32.1 -1.3
MDND	Madcock	31.18	11	P	P	00 34 32.5 -0.8
Q61A	Milford	31.23	40	P	P	00 34 33.3 -0.5
PAGS	Pennsylvania G	31.27	36	I Amb	I Amb	00 34 34.3
L54A	Sinclairville	31.31	31	P	P	00 34 32.3 -2.3
M56A	Emporium	31.34	33	P	P	00 34 33.8 -1.3
M56A	Emporium	31.34	33	I Amb	I Amb	00 34 38.6
M02C	Callahan	31.36	327	P	P	00 34 35.0 -0.2
J52A	Paris	31.53	28	P	P	00 34 33.9 -2.6
YBH	Yreka Blue Hor	31.53	327	LR	LR	00 46 43.2
MBO	Blue Mountains	31.55	337	I Amb	I Amb	00 34 38.4
JCC	Jacoby Creek,	31.60	325	I Amb	I Amb	00 34 55.4
P60A	Greenville	31.63	38	P	P	00 34 36.1 -1.3
O59A	Robesonia	31.63	37	P	P	00 34 36.4 -1.1
O59A				S	S	00 39 52.8 +6.2
L04D	Klamath Falls	31.67	328	P	P	00 34 38.4 +0.5
N58A	Sunbury	31.69	36	P	P	00 34 36.7 -1.2
N58A				S	S	00 39 52.0 +4.6
N58A	Sunbury	31.69	36	I Amb	I Amb	00 34 37.5
K04D	Chiloquin, OR	31.70	329	P	P	00 34 39.1 +0.9
L55A	Hinsdale	31.71	32	P	P	00 34 36.3 -1.9
I51A	Listow	31.73	27	P	P	00 34 35.8 -2.5
WVNY	West Valley, N	31.79	32	I Amb	I Amb	00 34 40.4
M57A	Sunshine Farm,	31.80	34	P	P	00 34 37.6 -1.3
M57A	Sunshine Farm,	31.80	34	I Amb	I Amb	00 34 38.7
AGMN	Agassiz Nation	31.84	6	P	P	00 34 37.9 -1.3
K54A	Basiliko Farm,	31.90	31	P	P	00 34 36.8 -3.0
DGMT	Dagmar	31.94	355	P	P	00 34 40.0 -0.1
J05D	Fort Rock, OR	31.95	331	P	P	00 34 41.1 +0.7
KRMB	Red Mountain	32.02	326	I Amb	I Amb	00 34 43.9
P61A	Hannonton	32.04	39	P	P	00 34 39.6 -1.5
O60A	Telford	32.09	38	P	P	00 34 40.1 -1.3
O60A				S	S	00 39 59.3 +5.7
ATAH	Atahualpa	32.12	136	P	P	00 34 44.6 +2.2
EYMN	Ely	32.12	11	P	P	00 34 40.2 -1.5
EYMN				S	S	00 39 56.1 +2.0
L56A	Greenwood	32.13	33	P	P	00 34 40.5 -1.4
L56A	Greenwood	32.13	33	I Amb	I Amb	00 34 41.2
M50	Missoula	32.16	342	P	P	00 34 42.6 +0.4
M58A	Prie's Panora	32.19	35	P	P	00 34 41.3 -1.1
M58A				S	S	00 40 01.5 +6.2
EGMT	Eagleson	32.27	348	P	P	00 34 42.9 -0.1
N59A	State Game Lan	32.27	36	P	P	00 34 42.1 -1.0
N59A				S	S	00 40 02.4 +5.8
N59A	State Game Lan	32.27	36	I Amb	I Amb	00 34 43.1
LUPA	Lehigh Unions	32.29	37	I Amb	I Amb	00 34 43.4
K55A	Perry	32.30	32	P	P	00 34 41.6 -1.7
I52A	Shelburne	32.31	28	P	P	00 34 41.4 -2.0
J04D	Umpqua Nationa	32.33	330	P	P	00 34 44.6 +0.8

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MMNY	Mt. Morris Dam	32.38	32	I Amb	I Amb	00 34 51.8
I53A	Kortright Cn	32.39	29	P	P	00 34 41.9 -2.1
L57A	Andrews Acres	32.41	34	P	P	00 34 42.8 -1.5
J54A	Appleton	32.42	30	P	P	00 34 42.2 -2.1
O61A	Allentown	32.45	39	P	P	00 34 43.7 -0.9
BAUV	El Baul	32.46	100	P	P	00 34 44.0 -1.1
BAUV				I Amb	I Amb	00 34 52.6
G08A	Pilot Rock	32.56	335	I Amb	I Amb	00 34 48.4
N60A	Cedar Hill Far	32.62	37	P	P	00 34 45.5 -0.6
N60A				S	S	00 40 08.2 +6.2
K56A	Middlesex	32.66	32	P	P	00 34 45.2 -1.3
K02D	Willamette Mer	32.71	327	P	P	00 34 47.7 +0.7
F48A	Evansville	32.73	23	P	P	00 34 45.8 -1.2
I05D	Terrebonne, OR	32.81	332	P	P	00 34 48.9 +1.1
BRNJ	Baskin Ridge	32.81	38	I Amb	I Amb	00 34 48.1
J55A	Hilton	32.82	31	P	P	00 34 45.8 -2.0
M59A	Wanam	32.87	36	P	P	00 34 47.2 -1.1
H52A	Wyevale	32.89	27	P	P	00 34 46.5 -1.9
I04A	Tendick Farm,	32.90	330	P	P	00 34 49.3 +0.7
F49A	Sandfield	32.90	24	P	P	00 34 46.8 -1.7
L58A	Harry Jones Me	32.98				

C09A	baz=225 Chrisman Ranch comp=Z,18nm,0.8s	34.41	339	I	Amb	I	Amb	00 35 04.5	J63A	baz=232		S	S	00 41 08.2 +7.0	SCHQ	Schefferville	46.09	26	P	P	00 35 36.4 -1.9			
D49A	baz=211 Beulah Townshi	34.42	23	P	P			00 35 00.1 -1.6	E56A	baz=232 St. Veronique	36.56	30	P	P	00 35 18.8 -1.3	PB16	IPOC Station P	46.17	137	P	P	00 36 42.5 +2.4		
NEW	baz=211 Newport	34.42	340	LR	LR			00 49 21.1	LBNH	baz=230,SNR=12 Lisbon	36.59	35	P	P	00 35 20.2 -0.2	TAOE	Minye Minye Nuku Hiva Isla	46.69	138	P	S	00 43 46.5 +2.8		
NEW	baz=150,SNR=13 Newport	34.42	340	LR	LR			00 35 01.6 -0.2	LBNH	baz=230,SNR=8 Lisbon	36.59	35	S	S	00 41 09.3 +6.2	YKA	comp=Z,555nm,25.1s Yellowknife Ar	46.92	351	P	P	00 36 44.0 -0.7		
K60A	baz=162,slow=37 Five Rivers En	34.45	36	P	P			00 35 01.1 -0.9	LBNH	comp=Z,27nm,1.2s Lisbon	36.59	35	I	Amb	I	Amb	00 35 21.0	YKA	comp=Z,25nm,0.8s,ba=159,slow=7.6,SNR=75	46.92	351	P	P	00 38 16.4 -0.8
PLVO	baz=229 Plevna	34.49	30	I	Amb	I	Amb	00 35 01.8	VLDO	baz=27nm,1.4s Val d'Or	36.65	26	I	Amb	I	Amb	00 35 19.6	YKA	comp=Z,3.6nm,0.8s,ba=151,slow=4.0,SNR=5.1	46.92	351	P	P	00 58 31.7
E51A	comp=Z,19nm,1.0s G1948 Merrick	34.55	26	P	P			00 35 01.3 -1.6	F58A	comp=Z,27nm,1.4s St Laurent	36.68	32	P	P	00 35 20.1 -1.0	YKA	comp=Z,681nm,19.5s,ba=0.0,slow=39	46.92	351	P	P	00 36 44.0 -0.7		
H56A	baz=217,SNR=5.9 Elgin	34.55	31	P	P			00 35 01.3 -1.7	I62A	baz=226 Tamworth	36.68	36	P	P	00 35 21.0 -0.2	PB11	IPOC Station P	47.12	139	P	P	00 36 50.9 +3.9		
I58A	baz=224,SNR=5.3 Old Forge	34.58	33	P	P			00 35 01.8 -1.3	I62A	baz=231,SNR=11 Sainte-Anne-du	36.70	29	P	P	00 35 19.7 -1.6	LVC	comp=Z,1.4nm,0.9s Limon Verde	47.72	139	P	P	00 36 54.9 +3.0		
I58A	baz=226,SNR=9.3 Plesco	34.67	34	P	P			00 35 02.9 -1.1	D55A	baz=222 Lyndonville	36.77	35	P	P	00 35 07.8 -0.2	PB01	IPOC Station P	48.18	140	P	P	00 36 57.4 +2.3		
J59A	baz=227 Plesco	34.67	34	P	P			00 35 02.9 -1.1	D55A	baz=222,SNR=27 Lyndonville	36.77	35	S	S	00 41 01.9 +3.1	LVC	comp=Z,33nm,1.2s Limon Verde	49.70	141	P	P	00 37 08.9 +1.8		
J59A	baz=227 Plesco	34.67	34	I	Amb	I	Amb	00 35 03.5	H61A	baz=230,SNR=7.0 Lummi Island	36.84	335	P	P	00 35 23.0 +0.6	RKT	Rikitea	51.95	222	eLR	LR	00 52 18.6		
E52A	comp=Z,24nm,1.2s Mattawa	34.72	27	P	P			00 35 02.5 -1.8	E57A	baz=142,SNR=5.2 Chemin Saint G	36.89	31	P	P	00 35 21.6 -1.4	FRB	Frobisher Bay	51.95	17	LR	LR	00 59 07.5		
E52A	baz=218 Algonquin Park	34.73	28	P	P			00 35 02.6 +1.8	G60A	baz=225,SNR=19 Masonville	36.92	34	P	P	00 35 22.3 -1.0	TABL	Table Mountain	52.63	336	P	I	00 37 28.4 -0.1		
M63A	baz=233,SNR=8.5 Gales Ferry	34.76	39	P	P			00 35 04.6 -0.1	G60A	baz=229 ZEC Mazanza, M	37.06	29	P	P	00 35 22.8 -1.6	TABL	comp=Z,18nm,1.0s Tana Glacier	53.49	336	I	Amb	00 39 25.4		
M63A	baz=233 Suffield	34.78	37	P	P			00 35 04.3 -0.6	D56A	baz=223,SNR=23 ZEC Mazanza, M	37.06	29	P	P	00 35 22.8 -1.6	CRQM	comp=Z,1.4nm,0.6s Cirque	53.61	336	I	Amb	00 37 38.2		
G55A	baz=233 Calabogie	34.81	30	P	P			00 35 03.4 -1.8	D56A	baz=223 Saint Guillaume	37.19	32	P	P	00 35 24.4 -1.1	HMT	comp=Z,18nm,1.0s Hamilton	53.82	335	I	Amb	00 37 43.2		
G55A	baz=222,SNR=9.6 Calabogie	34.81	30	P	P			00 35 03.4 -1.8	F59A	baz=227 Saint Guillaume	37.19	32	P	P	00 35 24.4 -1.1	H03N2	comp=Z,28nm,1.4s Juan Fernandez	53.82	158	T	T	01 35 57.8		
K61A	baz=222 Williamstown	34.83	36	P	P			00 35 05.1 -0.2	I63A	baz=232,SNR=5.1 Ottisfield	37.22	36	P	P	00 35 25.1 -0.7	H03N1	comp=Z,33nm,1.8s,SNR=18 Juan Fernandez	53.83	158	T	T	01 35 59.3		
H57A	baz=225,SNR=7.9 Richville	34.90	32	P	P			00 35 04.5 -1.3	H62A	baz=231 Milan	37.23	35	P	P	00 35 25.6 -0.2	H03N3	comp=Z,39nm,1.8s,SNR=18 Juan Fernandez	53.84	158	T	T	01 35 56.6		
F04D	baz=225,SNR=19 Rainier, OR	34.91	332	P	P			00 35 06.9 +0.9	E58A	baz=231 La Victoria	37.30	31	P	P	00 35 25.3 -1.1	MCARA	comp=Z,18nm,1.0s McCarthy VSAT	53.94	336	I	Amb	00 37 41.0		
D50A	baz=140 C1974 Best Tow	34.92	25	P	P			00 35 06.2 -1.5	D57A	baz=226,SNR=10 Chemin Vers le	37.45	30	P	P	00 35 26.5 -1.2	GLB	comp=Z,1.5nm,0.9s Gilahina Butte	54.51	338	P	P	00 37 42.2 +0.1		
L61B	baz=216 Northampton	35.03	37	P	P			00 35 06.2 -0.8	D57A	baz=225,SNR=22 Chemin Vers le	37.45	30	S	S	00 41 19.3 +3.1	B36M	comp=Z,1.5nm,0.9s Bear Creek A	54.51	338	P	P	00 37 43.4 -0.2		
L61B	baz=231 Northampton	35.03	37	P	P			00 40 43.7 +4.5	G61A	baz=225 St-Isidore-de-	37.48	34	P	P	00 35 27.4 -0.5	KLU	baz=152 Klutina	55.14	335	I	Amb	00 37 57.0		
F03A	baz=231 Seaside	35.04	331	I	Amb	I	Amb	00 35 14.3	G61A	baz=230,SNR=7.1 St-Isidore-de-	37.48	34	P	P	00 41 20.5 +3.9	EPYK	comp=Z,7nm,1.0s Eagle Plains	55.16	343	P	P	00 37 46.9 +0.3		
D51A	comp=Z,27nm,1.0s Lot 18 Range I	35.05	25	P	P			00 35 05.7 -1.5	LSQQ	baz=218 Lebel-sur-Quev	37.59	25	P	P	00 35 27.7 -1.2	EPYK	baz=136,SNR=6.8 Eagle Plains	55.16	343	I	Amb	00 37 47.7		
ACCN	baz=217,SNR=5.5 Adirondack Com	35.05	35	I	Amb	I	Amb	00 35 07.1	I64A	baz=218 Boothbay	37.69	37	P	P	00 35 27.7 -2.0	INK	comp=Z,10nm,0.9s Inukik	55.19	346	I	Amb	00 37 51.1 +0.1		
E04D	comp=Z,19nm,1.1s Cinebar	35.08	333	P	P			00 35 08.4 +1.0	F60A	baz=232 Warwick	37.70	33	P	P	00 35 28.9 -0.9	INK	comp=Z,1.4nm,0.8s,ba=122,slow=8.4,SNR=34	55.19	346	LR	LR	01 02 50.5		
J60A	baz=141 Lant Hill Farm	35.12	35	P	P			00 35 07.3 -0.5	F60A	baz=228 Warwick	37.70	33	S	S	00 41 25.9 +5.9	INK	comp=Z,512nm,20.4s,ba=140,slow=37	55.19	346	I	Amb	00 37 52.3		
E53A	baz=229 Dumoine, Ponti	35.22	28	P	P			00 35 07.0 -1.7	E59A	baz=228 St. Maurice	37.76	32	P	P	00 35 29.6 -0.7	SCRK	comp=Z,18nm,0.8s Sand Creek	55.85	338	I	Amb	00 37 53.6		
I59A	baz=225,SNR=16 Olmsteadville	35.23	34	P	P			00 35 07.3 -1.6	MATO	baz=217,SNR=13 Matagami	37.88	24	P	P	00 35 30.0 -1.3	SCM	comp=Z,12nm,1.0s Sheep Creek M	55.89	335	I	Amb	00 38 50.3		
B08A	baz=228,SNR=8.8 Colville Reser	35.26	338	I	Amb	I	Amb	00 35 11.2	H63A	baz=232,SNR=13 New Sharon	37.91	36	P	P	00 35 29.9 -1.7	O22K	comp=Z,11nm,0.7s Cooper Landing	56.20	333	P	P	00 37 54.2 +0.1		
L63A	comp=Z,26nm,1.1s North Scituate	35.29	39	P	P			00 35 07.7 -1.6	G62A	baz=232 West of Eustis	37.98	35	P	P	00 35 32.0 -0.2	KDAA	baz=119 Kodiak Island	56.30	329	LR	LR	01 01 35.1		
L63A	baz=233 Tiverton	35.35	39	S	S			00 40 46.7 +3.4	G62A	baz=231,SNR=14 West of Eustis	37.98	35	S	S	00 41 28.3 +4.1	PMOR	comp=Z,2.1nm,0.2s Pomariolee Ree	56.39	239	eLR	T	01 38 42.8		
M64A	baz=224 ZEK Kipawa Sen	35.36	26	P	P			00 35 08.0 -1.9	D58A	baz=231 Chemin du LacG	37.99	31	P	P	00 35 31.2 -1.1	OHAK	comp=Z,2.1nm,0.9s,ba=147,slow=5.4,SNR=75	56.39	239	eLR	P	00 37 57.3 +1.5		
D52A	baz=218 Otter Lake	35.42	29	P	P			00 35 08.8 -1.5	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
K62A	baz=231 Royalston	35.42	37	P	P			00 35 09.7 -0.7	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
K62A	baz=231 Lake Ozonia	35.42	33	P	P			00 40 50.0 +4.8	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
L0NY	baz=226,SNR=6.2 Lake Ozonia	35.42	33	P	P			00 35 08.9 -1.5	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
L0NY	baz=226 Lake Ozonia	35.42	33	P	P			00 40 49.0 +3.8	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
E54A	baz=220,SNR=15 Lac Daplat, Po	35.48	28	P	P			00 35 09.2 -1.7	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
E54A	baz=220 Leavenworth	35.48	336	P	P			00 35 09.2 -1.7	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
C06D	baz=144 Gabriels	35.49	33	P	P			00 35 12.2 +1.3	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
H58A	baz=227,SNR=5.7 Gabriels	35.49	33	P	P			00 35 09.5 -1.6	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
H58A	baz=227 Leban	35.51	332	I	Amb	I	Amb	00 40 50.5 +4.2	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
E03A	comp=Z,31nm,1.0s Orleans, Innes	35.54	31	P	P			00 35 13.3	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
G57A	baz=224,SNR=10 Newington	35.55	32	P	P			00 35 10.0 -1.6	D58A	baz=226,SNR=15 Chemin du LacG	37.99	31	S	S	00 41 28.0 +3.6	PMR	comp=Z,1.8nm,0.8s Palmer	56.40	329	P	P	00 37 56.7 +0.5		
I60A	baz=225,SNR=7.5 Shoreham	35.58	35	P	P																			

23d 4h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Sun Moon Lake, Yuanli, Yuchr, Dajia District, Warrungunga Arr, etc.

IDC 23 03:18:29.3±1.7, 11.465±161.62E, h0km, mb4.0/6, mb1 3.0/5, mb1mx3.9/29, mbtmp3.6/4, MS3.0/4, Ms1 3.1/4, Ms1 3.2/2, ms1mx2.5/34, Error ellipse: s-maj=50.7km s-min=28.3km az=135.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Honiara, Port Moresby, Warrungunga Arr, etc.

IDC 23 03:23:41.4±2.2, 23.99N±123.52E, h0km, mb3.6/4, mb1 3.0/4, mb1mx3.4/32, mbtmp3.6/4, MS3.0/4, Ms1 3.1/4, Ms1 3.2/2, ms1mx2.6/40, Error ellipse: s-maj=152.6km s-min=31.5km az=63.0

NEIC 23 03:23:45.7±1.6, 24.11N±123.80E±0.10, h36km, 12km, mb4.1/3, Error ellipse: s-maj=17.2km s-min=10.2km az=212.0

JMA 23 03:23:46.6±0.2, 23.95N±123.59E, h32km±2km, M3.6 JMA Felt 1 J1

IDC 23 03:23:45.2±1.1, 23.95N±123.58E±0.03, h29km±8km, n27, r134/32, mb3.6/6, MS3.2/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Hateruma jima, Iriomote-Funau, Kuro-shima, etc.

2014 JUL

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ta-pu, Warrungunga Arr, etc.

IDC 23 03:38:57.1±1.7, 6.49S±128.60E, h283km±23km, mb2.8/1, mb1 3.0/5, mb1mx2.8/29, mbtmp3.7/5, Error ellipse: s-maj=32.7km s-min=18.3km az=92.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Baumata, Siji, FITZ, WRA, etc.

PRE 23 03:39:32.3±1.2, 26.48S±27.66E, h2km, ML2.8 IDC 23 03:39:34.5±3.3, 26.37S±27.29E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/31, mbtmp3.6/3, ML3.7/1, MS3.3/1, Ms1 3.3/1, ms1mx2.4/25, Error ellipse: s-maj=76.9km s-min=17.2km az=113.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KLOF, WDLM, PRYS, ERMP, KSR, etc.

IDC 23 03:18:35.4±1.2, 11.33S±161.61E±0.2, h35km, n9, r082/8, mb3.9/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Honiara, Port Moresby, Warrungunga Arr, etc.

IDC 23 04:13:45.9±0.8, 27.33S±142.70W±0.07, h94km±7km, n16, r154/22, SC, Near coast of northern Chile

GUC 23 04:13:45.9±0.8, 27.34S±142.70W±0.07, h4km±4km, ML3.5 IDC 23 04:13:46.7±9.9, 27.28S±142.70W±0.06, h91km±72km, mb3.0/2, mb1 3.2/3, mb1mx3.1/24, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=74.5km s-min=48.7km az=24.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Copiap, Maricunga, Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Comitan, Fuego 3, Pacayo, Ixpaco, Matias Romero, etc.

IDC 23 03:56:14.8±5.4, 29.18N±142.61E, h74km±27km, mb3.4/4, mb1 3.5/6, mb1mx3.1/43, mbtmp3.6/6, MS2.6/1, Ms1 2.6/1, ms1mx2.2/17, Error ellipse: s-maj=150.9km s-min=19.6km az=75.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, Zalesovo Beam, etc.

TEH 23 04:01:55.0±2.7, 30N±54.50E, h8km, ML3.4 IDC 23 04:01:55.2±1.5, 27.29N±54.43E, h0km, mb3.4/7, mb1 3.5/8, mb1mx3.4/38, mbtmp3.5/8, ML3.2/1, MS2.9/1, Ms1 2.8/1, ms1mx2.2/26, Error ellipse: s-maj=32.5km s-min=26.5km az=14.0

OMAN 23 04:02:04.2±1.2, 26.85N±54.89E, h5km, mb5.5/1, ml3.2/9, Error ellipse: s-maj=136.9km s-min=24.4km az=28.0

IDC 23 04:01:56.3±0.7, 27.33N±105.545E±0.04, h10km, n42, r120/41, mb3.2/7, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LAR, Lamerd, Jahrom, Bandar-Abbas, etc.

IDC 23 04:13:45.9±0.8, 27.33S±142.70W±0.07, h94km±7km, n16, r154/22, SC, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Copiap, Maricunga, Llanos de Chal, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like PALK, HYB, WBSAR, BPHL, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like UZB, MMAI, KUU, KUU, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like ZAAO, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBIC Dimbrok, LIC Lamto, TIC Toumudi, etc.

TUL 23 05:58:13.2, 0.8, 35.88N, 0.05:97.31W, 0.6, h5km, 7km, ML3.1, Error ellipse: s-maj=6.5km s-min=6.2km az=212.0

NEIC 23 05:58:13.3, 0.9, 35.91N, 0.05:97.27W, h0km, ML3.9/9, Error ellipse: s-maj=4.9km s-min=2.3km az=168.0

ISC 23 05:58:13.1, 1.3, 35.89N, 0.02:97.30W, 0.03, h0km, 12km, n61, 0.61/63, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AK029 Liberty Lake, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YANB Van, ERVC ERICIS-Van, etc.

DDA 23 06:06:40.6, 3.7, 37.76N, 43.25E, h0km, mb3.8/5, mb1 3.7/8, mb1mx3.4/49, mbtmp3.7/8, ML3.2/3, Error ellipse: s-maj=50.4km s-min=34.8km az=158.0

NSPP 23 06:06:48.2, 38.68N, 43.33E, h15km, M53.6, ISK 23 06:06:48.4, 0.8, 38.68N, 43.34E, h25km, 1km, ML3.5/10

ISC 23 06:09:40.0, 8.38, 69N, 0.02:43.34E, 0.02, h13km, 6km, n49, 0.12/74, mb3.9/4, 4C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YANB Van, ERVC ERICIS-Van, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKDM Akdamar-Van, VMUR Van-Muradiye, etc.

DDA 23 06:11:17.6, 0.8, 11.36S, 161.55E, h0km, mb4.0/12, mb1 4.2/14, mb1mx4.0/47, mbtmp4.0/14, ML3.6/2, MS3.7/3, Ms1 3.8/3, ms1mx3.2/37, Error ellipse: s-maj=23.8km s-min=18.9km az=94.0

NEIC 23 06:11:21.5, 1.4, 11.43S, 0.10:161.5E, 0.1, h25km, 5km, mb4.4/8, Error ellipse: s-maj=20.0km s-min=8.8km az=51.0

ISC 23 06:11:22.4, 0.6, 11.47S, 0.09:161.5E, 0.1, h35km, m29, 0.136/29, mb4.2/15, Bougainville-Solomon Islands region

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

PDG 23 06:21:40.8, 0.1, 41.56N, 19.80E, h19km, ML2.5/13, Error ellipse: s-maj=0.1km s-min=0.1km az=0.0

BEO 23 06:21:41.9, 0.3, 41.59N, 19.82E, h1km, 2km, ML2.3/10

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC	Time Res
ORIF	Oris-en-Rattie	9.09	314	ePn	Pn	06 44 01.2	+2.7				
VIVF	Saint-Julien-l	9.75	310	eP	Pn	06 44 04.7	-2.1				
VOIR		9.78	46	jP	Pn	06 44 15.0	+2.8				
GERES	GERES Array B	10.32	355	P	Pn	06 44 08.7	0.0				
CABF	La Chapelle	10.11	322	eP	Pn	06 44 11.3	+0.1				
MLR	Muntele Rosu	10.32	47	iP	Pn	06 44 19.2	+0.9				
VRAC	Vranov	10.37	5	P	Pn	06 44 14.7	+0.2				
VRAC	Vranov	10.37	5	iP	Pn	06 44 15.8	+1.4				
MORC	Moravsky Berou	10.93	8	iP	Pn	06 44 22.5	+1.0				
CDP	Champ du Feu	11.00	331	eP	Pn	06 44 22.2	-0.1				
HOUA	Haudomprie	11.04	328	eP	Pn	06 44 22.5	-0.2				
SMF	Signal de Mont	11.28	314	eP	Pn	06 44 25.1	-0.6				
BURAR	Bucovina Array	11.32	322	P	Pn	06 44 27.7	+0.2				
CAF	Calviac	11.39	306	eP	Pn	06 44 27.1	0.0				
CAF	Calviac	11.39	306	ePn	Pn	06 44 31.6	+1.4				
AVF	Avril sur Loir	11.63	316	eP	Pn	06 44 30.3	+0.3				
LOR	Lormes	11.67	319	eP	Pn	06 44 30.4	-0.1				
LOR	Lormes	11.67	319	eP	Pn	06 44 35.0	+1.8				
SSF	Saint Saugel	11.72	317	ePn	Pn	06 44 35.1	+1.4				
PAGF	Fort de Pagny	11.73	328	eP	Pn	06 44 31.2	0.0				
SFTF	Sextfontaines	11.76	325	eP	Pn	06 44 31.8	+0.2				
BGF	Bois d'Angland	11.77	314	eP	Pn	06 44 31.9	+0.2				
BRG	Berglesshubel	11.92	356	eP	Pn	06 44 37.1	+1.3				
MEZF	Mazieres J'vi	11.97	326	eP	Pn	06 44 33.8	-0.4				
TCF	Toulx Ste Croi	11.98	312	ePn	Pn	06 44 35.0	+0.6				
ETSF	Etsaut	12.49	293	eP	Pn	06 44 41.3	+0.6				
ETSF	Etsaut	12.49	293	ePn	Pn	06 44 46.5	+4.0				
BRTR	Keiskin Array B	14.34	81	P	Pn	06 45 05.2	+2.0				
LDF	La Druitiere	14.59	316	eP	Pn	06 45 05.7	-0.2				
ESDC	Sonsecq Array	14.80	279	eP	Pn	06 45 09.1	+0.5				
GRR	Gorron	14.88	314	eP	Pn	06 45 08.8	-0.6				
FLN	La Foliniere	14.88	316	eP	Pn	06 45 08.8	+0.1				
AKASG	Malin Array Be	15.37	36	P	Pn	06 45 13.6	-0.4				
SGMF	Saint Gilles	15.79	312	eP	Pn	06 45 18.8	+0.2				
ROSF	Rostrerne	16.24	311	eP	Pn	06 45 23.8	+0.2				
EIL	Eilat	18.79	114	P	Pn	06 45 52.6	+1.2				
EKA	Eskdalemuir Ar	20.44	329	P	Pn	06 46 06.5	-2.2				
HFS	Hafslund	21.19	358	P	Pn	06 46 13.8	-2.3				
NB2	NORSAR Subara	22.21	355	P	Pn	06 46 24.3	-1.2				
NOA	NORSAR Ar	22.21	355	P	Pn	06 46 23.7	-1.8				
FINES	FINESS Array B	23.48	13	P	Pn	06 46 36.4	-0.6				
ARCES	ARCES Array B	24.13	7	P	Pn	06 47 42.9	-1.8				
SPITS	Spitsbergen Ar	39.31	0	P	Pn	06 48 53.8	-0.4				
ZALV	Zalesovo Beam	46.25	2	P	Pn	06 50 05.6	0.0				
MKAR	Makanchi Array	48.46	58	P	Pn	06 50 07.0	0.0				
MKAR	Makanchi Array	48.46	58	P	Pn	06 51 28.1	-0.5				
INK	Inuvik	70.48	348	P	Pn	06 52 35.5	-0.8				
YKA	Yellowknife Ar	71.12	338	P	Pn	06 52 40.1	-0.1				
KDAD	Kodiak Island	83.04	353	P	Pn	06 53 47.2	+0.7				
WRA	Warramunga Ar	124.77	88	PKP	PKP	07 00 18.7	-0.7				

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC	Time Res
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 46.5	+0.2				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 48.9	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.8	0.0				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 43.1	+0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 44.4	-0.1				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06 43 49.3	+0.4				
KLV	Kalavryta, Ach	0.25	170	P	Pg	06					

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like Sonseca Array, ESDC, SESP, MVO, TZRR, PCAB, ELOB, PGAV, ETOR, ECAL, ECAL, EMAZ, ETOR.

RSNC 23 10:44:46.9, 1.0, 6:82N, 73:14W, h147km, 4km, ML3.2, Mv3.6
IDC 23 10:44:49.5, 5.8, 6:76N, 73:87W, h180km, 23km, mb3.2/1, mb1 3.5/1, mb1mx2.8/22, mbtmp3.6/1, Error ellipse: s-maj=277.6km s-min=35.9km az=93.0
ISC 23 10:44:44.9, 0.9, 6:83N, 0.03:73:11W, 0:04, h160km, 6km, n36, e1363/68, 3C-2D, Northern Colombia

Main table for station 1129, listing stations like BARC, PAMC, RUSC, PTBC, TAMC, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, GUY2C, VILC, PTGC, CBCC, DBBC, TOLC, SDV, ARGC, ANIL, PRAC, PLMC, ORTC, SJCC, SANJ, PLMC, OUZ.

Table for station 1130, listing stations like YOTC, SMRC, CAPC, MACC, GARC, YKA, ASAR, WRA.

IDC 23 11:20:48.6, 12.0, 7:16S, 105:15E, h0km, mb3.4/3, mb1 3.6/4, mb1mx2.4/37, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=224.9km s-min=44.0km az=146.0, Jawa

Main table for station 1130, listing stations like LEM, H01W3, H01W2, H01W1, WRA, ASAR, H0S2, H0S3, H0S1, STKA.

IDC 23 11:26:09.8, 10.0, 7:46S, 105:67E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.3/36, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=174.0km s-min=50.4km az=120.0, Jawa

Main table for station 1131, listing stations like LEM, H01W3, H01W1, H01W2, WRA, ASAR, H0S2, H0S3, H0S1, STKA.

IDC 23 11:37:28.9, 2.8, 31:47N, 140:77E, h46km, 26km, mb3.5/6, mb1 3.6/10, mb1mx3.4/32, mbtmp3.7/10, ML2.4, MSZ.7/2, Ms1 2.7/2, ms1mx2.3/37, Error ellipse: s-maj=37.5km s-min=18.0km az=76.0

JMA 23 11:37:31.5, 0.2, 31:85N, 141:03E, h20km, M3.8
ISC 23 11:37:28.9, 0.9, 31:52N, 0:07:141:0E, 0:1, h57km, n28, e177/27, mb3.6/8, Southeast of Honshu

Main table for station 1132, listing stations like JAOM, JHJC, JHJ2, JHJ, JHJ3, JMKN, TK02, JO2, TT01, JCU, JIE, JAG, JWC, JYTA, MJAR, MAT, JNU, KSR, KSR2, USRK, KLR, H1S3, H1S1, H1S2, SONM, ZALV, MKAR, WRA, AR, NVAR.

Main table for station 1133, listing stations like KNTN, MXZ, MKAZ, KAWA, OPZ, URZ, MURUPA, RTZ, TOL, HIZ, RATZ, BKZ, VRZ, MWZ, BHZ, KRHZ, PXZ, PNHZ, ISZ, DVHZ, MRZ, HORZ, KIW, DUWZ, KAZ, SNZO, BHW, BRZ, QWZ, SWZ, THZ, RPZ, ELDZ, ARMA, ARMA, CAN, CTAO, TAO, TOO, TAU, COEN, STKA, STKA, BB00, JAY, WRO, WB0, WB2, WRB, WRAB, AS31, ASAR, WRA, WRA, MTN, GUMO, FORT, KNRA, FITZ, PSAD0, VNA, MORW, GIRL, CASY, GSPA, HOPS, NVAR, KVN, I07A, X16A, U15A, F10A, TX31, TX32, TXAR, CCB, MCMT, ILAR, PD31, PDAR, PDAR, HHC, LZH, LZH, LZH, ARCS, ARCS, CLL, GERES, ELL, IDC 23 12:44:17.4, 4.3, 38:11N, 74:10E, h86km, 25km, mb3.4/11, mb1 3.6/16, mb1mx3.4/49, mbtmp3.9/16, Error ellipse: s-maj=24.4km s-min=15.2km az=173.0, BUIJ 23 12:44:22.9, 0.0, 38:42N, 74:21E, h118km, mb4.5/3, NEIC 23 12:44:23.1, 8.3, 38:49N, 0:04:74:06E, 0:06, h138km, 8km, mb4.3/7, Error ellipse: s-maj=8.2km s-min=5.3km az=54.0, NNC 23 12:44:24.4, 6.0, 38:63N, 74:11E, h152km, 77km, mb3.2, mpv3.8, Error ellipse: s-maj=59.3km s-min=34.6km az=172.0, IDC 23 12:44:20.3, 0.5, 38:28N, 0:04:74:10E, 0:04, h124km, n91,

23D 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like W3R0 Warramunga Arr, WRB0 Warramunga Arr, WRAB Tennant Creek, etc.

WEL 23:15:06.7, 41.75±0.8, 17.4°E, h19km±2km, M3.5/14, ML3.8/14, MLV3.5/14, Error ellipse: s-maj=0.0km s-min=0.0km az=103.8, South Island

Main station list for 23D 16h. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations such as BSWZ Blackbirch Sta, TUWZ Tuamaringa, CAWZ Cape Campbell, etc.

ICC 23:15:52:36.6±0.8, 36.9°N, 142.44°E, h0km, mb3.8/11, mb1 3.9/16, mb1mx3.8/7, mbmp3.7/16, ML3.4/4, MS2.9/2, Ms1 2.9/2, ms1mx2.4/49, Error ellipse: s-maj=20.0km s-min=16.9km az=100.0

NIED 23:15:52:36.1, 36.94°N, 142.28°E, h10km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mw=5.80, Mw0=5.34, Mw1=1.38, Mw2=1.12, Mw0.86; Fault plane solution: Ms6.09000°/1014° NCP1: 0±185.00000°, 849.00000°, λ-111.00000°. NP2: 0±35.00000°, 845.00000°, λ-67.00000°.

JMA 23:15:52:36.1±0.3, 36.94°N, 142.28°E, h10km±3km, M3.9, NEIC 23:15:52:38.0±1.9, 36.92°N, 142.50°E, 0.1, h25km±6km, mb4.2/11, Error ellipse: s-maj=13.5km s-min=10.0km az=124.0

ISC 23:15:52:34.7±3.4, 36.93°N, 142.34°E, 0.06, h1km±21km, n60, c1941/60, mb3.8/12, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JMST Minamisoumatoc, etc.

2014 JUL

Main station list for 2014 JUL. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, MAJ0 Matsushiro, etc.

ICC 23:16:18:02.8±2.9, 0.18°N, 66.88°E, h0km, mb3.6/5, mb1 3.9/6, mb1mx3.5/6, mbmp3.8/6, ML4.5/1, MS3.7/21, Ms1 3.7/21, ms1mx3.6/38, Error ellipse: s-maj=74.9km s-min=31.8km az=73.0

GCMT 23:16:18:07.0±0.5, 0.07°N, 0.03°E, 0.03, h24km±2km, MW4.7/74, Moment Tensor Solution, s10;11, s74,c91; Duration: 0 Moment tensor: Scale 10^14Nm; Mw=0.26±14; Mw1=1.26±10; Mw0=1.52±11; Mw0.41±14; Mw0.06±10; JDC 10/04/22: 12.0±0.2, Best 10/04/22: 12.0±0.2, Best 10/04/22: 12.0±0.2, NP1: 30.5, 0.00000°, 368.00000°, λ-172.00000°. NP2: 0±211.00000°, 882.00000°, λ-22.00000°. Principal axes: T 1.7030, P1g10.0000°, Azm260.0000°, N -0.1340, P1g67.0000°, Azm14.00000°, P -1.5710, P1g21.0000°. Azm166.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-ratio function

ISC 23:16:18:07.0±2.4, 0.2°N, 0.3°E, 0.3, h22km±26, c1921/6, mb3.7/5, MS3.7/20, Carlsberg Ridge

Main station list for 2014 JUL (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PALK Palakele, PALS Palakele, PASK Wadi Sarin, etc.

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Error ellipse: s-maj=1.0km s-min=0.8km az=160.0 STR 23:16:24:36.4±0.3, 49.1°N, 2°E, h1km, MLV2.0/4, smt:scs/0.6/LOCASAT earthModel

ISC 23:16:24:36.3±0.9, 49.06°N, 0.03°E, 2.39W, 0.03, h11km±7km, n34, c092/45, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Saint Aubin, Jersey Dam, Jersey Dam (Ga), Saint Gilles, etc.

NEIC 23:16:26:40.7±0.8, 48.99°N, 0.08°E, 2.38W, 0.07, h4km±7km, Error ellipse: s-maj=12.0km s-min=5.9km az=193.0 STR 23:16:26:42.1±0.2, 49.1°N, 2°E, h2km, MLV3.8/10, smt:scs/0.6/LOCASAT earthModel

LDG 23:16:26:42.0±0.1, 49.01°N, 2.35W, h3km, Md3.8/3, MId.0/48, Error ellipse: s-maj=1.0km s-min=0.8km az=156.0 ISC 23:16:26:40.6±0.9, 49.02°N, 0.02°E, 2.32W, 0.02, h18km±3km, n130, c1975/208, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Saint Aubin, Jersey Dam, Jersey Dam (Cr), Jersey Dam (Ga), Saint Gilles, etc.

BGS 23:16:24:36.6±0.1, 49.08°N, 2.38W, h6km, ML1.3 LDG 23:16:24:36.3±0.1, 49.09°N, 2.43W, h3km, Md2.3/1, MId.5/7,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G40A Rib Lake, D32A Dogwood Acres, F33A 5 Mile Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AUST 23 18:05:47.9, NWA0 Narrogin (SRO), NWA0 Narrogin, etc.

Text block containing station coordinates and parameters: AUST 23 18:05:47.9, 0.7, 33.445x118.07E, h0km, Error ellipse: s-maj=8.5km s-min=3.5km az=17.0, Western Australia...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVDA Vanda, VVDA Vanda, WHZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, AS31 Alice Springs, CTA Charters Towers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, CPUP Villa Florida, CMAR Chiang Mai, etc.

Text block containing station coordinates and parameters: IDC 23 18:28:07.1, 1.9, 6.52S; 155.71E, h0km, mb3.7/5, mb1 4.7/7, mb1mx3.8/40, mbtmp3.9/7, ML3.4/2, MS2.5/1, Ms1 2.5/1, ms1mx2.2/35, Error ellipse: s-maj=48.6km s-min=28.0km az=123.0...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Kravut, HNR Honiara, etc.

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

Text block containing station coordinates and parameters: IDC 23 19:00:02.3, 1.1, 38.94N; 142.76E, h0km, mb3.6/4, mb1 3.7/7, mb1mx3.5/52, mbtmp3.5/7, ML2.7/3, MS3.5/1, Ms1 3.5/1, ms1mx2.4/45, Error ellipse: s-maj=31.0km s-min=19.2km az=99.0...

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

Text block containing station coordinates and parameters: IDC 23 19:38:09.2, 1.4, 40.64N; 150.40E, h0km, mb3.7/5, mb1 3.7/12, mb1mx3.5/37, mbtmp3.7/12, ML3.1/6, Error ellipse: s-maj=24.5km s-min=13.9km az=169.0...

23D 21h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like Tigo, Iturama, LPA, PLTA, etc.

2014 JUL

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like FDF, FDF Fort de France, MTKI, MTKI Matagapa, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like CNNC, CNNC Cliffs of the, W58A, W58A Raeford, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESBB, LBTB, MAW, MATP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WERN, BSEG, TANN, OBKA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, KIV, KIV, KIV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MDOK Medeo, MDOK Jayapura, GENI Genyem, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVM Polavaram, PVM Namlea, BLUJ Banyuglugur, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, SOME 23 22:07:08.2, etc.

24d Oh

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UZB Uzynbulak, CHKK Chushkaly, KRBBS Karabastau, etc.

Table for IDC 23:22:10:36.4.3.5, 19:73S-168:49E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.6/3, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=90.7km s-min=32.3km az=121.0, Vanuatu Islands

2014 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WWOJI Wonogiri, WUGM Wagagama, NGUJ Ngajwa, etc.

IDC 23:23:08:43.8.1.2, 35:42N-135:59E, h350km, 15km, mb3.0/3, mb1.3/0.9, mb1mx2.8/46, mbtmp3.7/9, Error ellipse: s-maj=28.4km s-min=18.1km az=114.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KASI Kota Agung, WBSI Waikabuang, KAPI Kappang, etc.

IDC 23:23:14:44.1.18.0, 170N-123:99E, h404km, 245km, mb2.9/3, mb1.3/1.4, mb1mx2.7/3, mbtmp3.7/4, Error ellipse: s-maj=63.9km s-min=39.8km az=98.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, USRK Ussuriysk Arr, etc.

IDC 23:23:33:0.35.0, 53:35S-167:66W, h0km, mb3.7/3, mb1.4/0.3, mb1mx3.7/3, mbtmp3.7/3, MS3.7/4, MS1.3/7.4, ms1mx3.0/20, Error ellipse: s-maj=891.7km s-min=59.0km az=64.0, South Pacific Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNSA Vanda, RAR Rarotonga, RPN Rapa Nui, etc.

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

BUT 23:23:55:59.5.1.9, 46:27N-102:111:38W, 0.06, h10km, 7km, Md3.6, Mw13.6/15(NEIC), Error ellipse: s-maj=6.1km s-min=1.0km az=116.0

NEIC 23:23:55:59.46:26N-111:39W, h4km, Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mrr-2.20; Mss-0.07; Mss-2.26; Mss-0.14; Mss-0.17; Mrr-1.43; Fault plane solution: M2:6600x10^14 Np1:170.450000, 0.29.04000, -1.99.480000, NP2:0.27000, 0.61.39000, -1.84.77000, Principal axes: T:2.6854, P:16.6000, Azm:87.0000; N: -0.0575, P:0.050000, Azm:179.0000; P: 2.6279, P:173.0000; Azm:284.0000

NEIC 23:23:55:59.2.1.1, 46:26N-103:111:40W, 0.06, h1km, 10km Error ellipse: s-maj=6.0km s-min=4.9km az=92.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRY Holter Researc, BOZ Bozeman, LRM Lilekim Ridge, etc.

JMA 24 00:21:19.9.0.3, 23:75N-122:50E, h41km, M2.3 TAP: 24 00:21:19.9.0.3, 23:82N-122:47E, h5km, 1km, ML3.1, D

ISL 24 00:21:19.8.0.1, 23:79N-122:52E, 0.02, h25km, 13km, n56, r110/105, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YONG Yonaguni jima, HWA Hwalien, etc.

24 2h

Table with columns: RZN, BRY, VRS, VTS, SELS, SJES, STON, STON, UPM, UPM, KUDZ, ZAPS, RUDO, BOVS, MAK, MAKA, GRUS, GRUS, BBLs, BBLs, ZAGS, RIC, RIC, DIVS, DIVS, DIVS, TRUS, KUV, MDRV, MORI, MORI, MGRS, AGU, FRGS, BLY, DUGI, UDBI, BZS, BZS, NVL, VOIR, BOJS, OZLJ, MLR, CRES, CRES, CRES, CEY, SKDS, SKDS, LJU, VLOR, VRI, KEST, KEST, VOJS, VOJS, SOKA, SOKA, OBKA, OBKA, OBKA, MYKA, ABTA, ABTA, VYHS, BRTR, MOA, WTTA, WTTA, WATA, SOTA, MOTA, RETA, GERES, GERES, DAVA, DAVA, KHC, KHC, MMAI, MMAI, EIL, EIL, EIL, KBZ, ESCD, HFS, EKA, FINES, NB2, NOA, TORD, MKAR, ZALV, NRK, NRK

2014 JUL

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

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Table with columns: IDI, IDI, IDI, AKAS, AKAS, GOLH, GOLH, GOLH, SIVA, SIVA, SIVA, KULA, KARY, ELL, ELL, DKL, VAM, VAM, VAM, DEMR, IMMV, IMMV, PRK, SIGH, ANKY, KHAL, VLY, DION, BRDR, BRDR, PTL, AKUM, AKUM, AKUM, KORT, GVD, ANKY, DID, KRND, KTHA, VLI, VLI, GUR, ITM, KLV, PVL, ANX, AKMS, OSC1, ALFC, NATA, VLS, CSS, OSC2, BRTR, HNTI, HNTI, MMAOB, MMAOB, MMAI, MMAI, GEM, GEM, NATI, NATI, MMLI, MMLI, SHMJ, SHMJ, HMDT, AMT, KZIT, YTIR, YDTR, DSI, DAMI2, DAMI2, KRMI, PRNI, ASF, ASF, HRFI, HRFI, MBRI, MBRI, EIL, EIL, EIL, VAE, GERES, HFS, EKA, HSD, HSD, EKA, TORD, MKAR, ZALV, ILAR

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

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

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

az=163.0
IDC 24 03:10:31.6z,2.9,17.88S;178.67W,h660km,36km
mb3.5/13,mb1.3.7/14,mb1mx3.4/39,mbtmp4.5/14, Error
ellipse: s-maj=23.0km s-min=14.0km az=150.0
ISC 24 03:10:30.2z,0.6,18.0S;0.17x18.6W;0.1,h650km,n50,
c#078/43,mb4.1/25,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

MAN 24 03:21:57.3,5.80N;126.11E,h139km,mb4.5,ML3.4,
MS3.2
IDC 24 03:21:59.7z,1.5,6.19N;126.52E,h150km,10km,mb3.2/5,
mb1.3.4/6,mb1mx3.1/37,mbtmp3.7/6,MS3.2/1,Ms1.3/2/1,
ms1mx2.4/19, Error ellipse: s-maj=64.6km s-min=13.7km
az=58.0
ISC 24 03:22:00.4z,0.8,5.71N;0.09x125.8E;0.2,h150km,n12,
c#64/15,mb3.5/5,1C-2D,Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Mindanao region.

NAO 24 04:00:07.3z,1.0,67.90N;21.06E,ML2.2
BER 24 04:00:11.4z,3.1,67.95N;20.80E,h15km,13km,ML1.7,
ML2.2(NAO), Confirmed Earthquake
HEL 24 04:00:11.3z,0.1,67.96N;20.79E,h36km,ML2.2,
ML1.9(UPP), Confirmed Earthquake
UPP 24 04:00:11.2z,0.1,67.94N;20.78E,h33km,ML1.9,
Confirmed Earthquake

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Sweden region.

Main table with columns: KIF, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Kuril Islands region.

IDC 24 04:49:10.2z,0.6,19.46S;168.76E,h0km,mb4.3/14,
mb1.4.4/15,mb1mx4.3/25,mbtmp4.2/15,ML3.5/1,MS3.6/18,
Ms1.3.6/18,ms1mx3.5/33, Error ellipse: s-maj=22.0km
s-min=17.2km az=143.0
BGR 24 04:49:11.9z,0.0,20.15S;170.06E,h22km
NEIC 24 04:49:16.5z,1.6,19.57S;0.06x168.64E;0.09,h52km,5km,
mb4.7/34, Error ellipse: s-maj=12.5km s-min=8.4km
az=97.0
ISC 24 04:49:14.6z,0.9,19.60S;0.05x168.69E;0.07,h31km,6km,
h23knp;P-p133,c19r13/134,mb4.6/32,MS3.7/17,1C,
Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Vanuatu Islands region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JYT Itakohorinouch, JIHU Ashikaga, JAG Ryogami san, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YZKH Yazd, WBK Wadi Bani Khal, ZHSF Zahedan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GYA0B Ashkhahad, ASHT TBGL Delisi, AKH Akhalkalaki, etc.

MAN 24 05:40:22.4, 17.44N:121.06E, h18km, mb4.3, ML3.1, MS2.9, 1D, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ABRA Dolores, ABRA Conner, APYV Brgy, Tapao, etc.

MAN 24 06:04:24.3, 0.8, 26.94N:54.51E, h0km, mb4.0/19, mb1.4, 1/23, mb1mx0.044, mbtmp4.0/23, ML3.9, MS2.8/2, Ms1.2, 8/2, ms1mx2.3/41, Error ellipse: s-maj=19.9km s-min=14.2km az=4.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ABKA Aktyubinsk, ANOY Anoyia, BDI Borovoye Array, etc.

MAN 24 06:04:27.0, 4.0, 27.21N:54.67E, h10km, mb5.4/2, m3.9/14, Error ellipse: s-maj=5.9km s-min=4.3km az=53.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARU Anoyia, ARU Borovoye Array, ARU Muntele Rosu, etc.

OMAN 24 06:04:27.0, 4.0, 27.21N:54.67E, h10km, mb5.4/2, m3.9/14, Error ellipse: s-maj=5.9km s-min=4.3km az=53.0

DSN 24 06:04:27.8, 1.1, 27.03N:54.51E, h10km, ML4.0/9, Error ellipse: s-maj=14.6km s-min=7.0km az=13.0

TEH 24 06:04:27.4, 27.05N:54.63E, h9km, ML3.9

NEIC 24 06:04:30.4, 0.9, 27.00N:0.08, 54.5E:0.1, h39km, 7km, Error ellipse: s-maj=15.1km s-min=9.8km az=117.0

ISC 24 06:04:26.7, 4.0, 27.00N:0.03, 54.55E:0.04, h10km, n131, r143/134, mb4.1/37, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LAR1 LAR, LMD1 Lamerd, BNSD Bandar-Abbas, etc.

GERESS GRESS Array B 39.28 316 P P 06 11 45.9 -1.6

ABTA Abtalbach 38.31 312 I P 06 11 48.8 +0.3

CTI Castel Tesino 38.81 311 P P 06 11 50.7 -1.1

WATA Walderalm 39.19 313 I P 06 11 55.0 0.0

FINES FINESS Array B 39.38 339 P P 06 11 55.6 -0.4

VSL Villasalto 39.40 300 P P 06 11 58.3 +1.6

SQTA Sankt Quirin 39.40 313 I P 06 11 55.8 -0.9

GTA Gaotai 39.46 60 eP P 06 11 58.3 +0.9

GTA Gaotai 39.46 60 pP pP 06 12 13.1 +1.2

GTA Gaotai 39.46 60 pP pP 06 13 50.9 -1.4

GTA Gaotai 39.46 60 pP pP 06 11 56.0 -1.7

FETA Feichten 39.67 312 I P 06 11 58.5 -0.5

RETA Reutte 39.76 313 I P 06 11 58.4 -1.3

DAVA Damuels 40.29 312 I P 06 12 03.3 -1.0

CMR Chiang Mai Arr 41.64 92 P P 06 12 14.9 -0.6

NC405 NORARS Array S 44.56 332 P P 06 12 37.5 -1.1

NB2 NORARS Subarra 44.74 332 P P 06 12 38.3 -1.8

NOA NORARS Array B 44.74 332 P P 06 12 38.2 -1.8

SOMN Songrio Array 45.16 48 P P 06 12 42.7 -1.1

SOMN Songrio Array 45.16 48 P P 06 12 43.7 0.0

ARCES ARCESS Array B 45.81 346 P P 06 12 47.6 -0.8

ARCES ARCESS Array B 45.81 346 P P 06 12 47.5 -0.9

HHC Hu-ho-hao-te 48.49 58 eP P 06 13 11.0 +1.1

HHC Hu-ho-hao-te 48.49 58 pmax pmax 06 13 11.0 +1.1

HHC Hu-ho-hao-te 48.49 58 pmax pmax 06 13 11.0 +1.1

ESDC Sonseca Array 49.70 300 P P 06 13 17.9 -1.2

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.4 -1.1

TOAO Torodi Arr. Sit 51.18 265 I Amb Iamb 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

NC405 NORARS Array S 44.56 332 P P 06 12 37.5 -1.1

NB2 NORARS Subarra 44.74 332 P P 06 12 38.3 -1.8

NOA NORARS Array B 44.74 332 P P 06 12 38.2 -1.8

SOMN Songrio Array 45.16 48 P P 06 12 42.7 -1.1

SOMN Songrio Array 45.16 48 P P 06 12 43.7 0.0

ARCES ARCESS Array B 45.81 346 P P 06 12 47.6 -0.8

ARCES ARCESS Array B 45.81 346 P P 06 12 47.5 -0.9

HHC Hu-ho-hao-te 48.49 58 eP P 06 13 11.0 +1.1

HHC Hu-ho-hao-te 48.49 58 pmax pmax 06 13 11.0 +1.1

HHC Hu-ho-hao-te 48.49 58 pmax pmax 06 13 11.0 +1.1

ESDC Sonseca Array 49.70 300 P P 06 13 17.9 -1.2

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.4 -1.1

TOAO Torodi Arr. Sit 51.18 265 I Amb Iamb 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

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TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

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TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

TOAO Torodi Arr. Sit 51.18 265 P P 06 13 29.2 -1.4

SHME Sham 1.71 123 S S 06 05 22.0 +2.1

JHRM Jahrom 1.73 320 ePn Pn 06 04 56.5 +0.8

UMQ Umm Al-Quwain 1.78 144 P P 06 05 00.2 +0.9

UMQ Umm Al-Quwain 1.78 146 P P 06 05 00.3 +0.9

UMQ Umm Al-Quwain 1.78 146 P P 06 05 00.3 +0.9

GHIR Ghir-Karzin 1.89 313 ePn Pn 06 05 01.7 +0.3

BANOM Banah 1.90 124 P P 06 05 00.4 +1.2

BANOM Banah 1.90 124 P P 06 05 00.4 +1.2

BANOM Banah 1.90 124 P P 06 05 24.9 +1.7

MSFE Esma-Masafi 2.18 138 eP Pn 06 05 04.6 +1.5

MSFE Esma-Masafi 2.18 138 S S 06 05 32.8 +2.5

NAZ Nazwa, Dubai 2.24 153 P P 06 05 06.1 +2.2

NAZ Nazwa, Dubai 2.24 153 P P 06 05 06.3 +2.4

NAZ Nazwa, Dubai 2.24 153 P P 06 05 07.4 +0.1

MDH Madha 2.31 137 P P 06 05 06.4 +1.5

MDH Madha 2.31 137 P P 06 05 06.7 +1.8

MDH Madha 2.31 137 ePn Pn 06 05 06.3 +1.4

FAJ Al Faqa, Dubai 2.43 157 P P 06 05 09.5 +2.9

FAJ Al Faqa, Dubai 2.43 157 P P 06 05 10.1 +0.5

ASAR Alice Springs 19.57 116 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 34.1

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 19.57 116 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 34.1

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

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ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

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ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

ASAR Alice Springs 22.53 41 P P 06 09 27.4 +0.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YHNB, NSK, NSK, NWLT, etc.

NEIC 24 08:56:41.0, 2.7, 38.71N, 0.03, 141.97E, 0.09, h35km, 2km, mb4.4/26, Error ellipse: s-maj=12.2km s-min=3.0km az=249.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JKMT, OFUJ, OFUJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like USRK, USRK, JNU, etc.

ISC 24 09:23:41.8, 0.6, 55.38S, 27.38W, h0km, mb4.3/13, mb1.4/4.14, mb1mx3.2/3.1, mbtmp3.4/14, ML4.3/1, MS3.7/5, Ms1.3/7.5, ms1mx3.3/3.23, Error ellipse: s-maj=21.0km s-min=14.7km az=51.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAW, MAW, LVC, etc.

IDC 24 09:31:29.4, 1.4, 6.29N, 33.42W, h0km, mb3.9/4, mb1.0/4, mb1mx3.7/29, mbtmp3.9/14, MS3.8/15, Ms1.3/8.15, ms1mx3.6/30, Error ellipse: s-maj=75.9km s-min=26.8km az=145.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H10N3, H10N2, H10N1, etc.

IDC 24 10:04:50.8, 1.2, 48.06S, 32.00E, h0km, mb3.8/5, mb1.3/9.6, mb1mx3.7/31, mbtmp3.9/6, ML3.6/1, MS3.6/6, Ms1.6/6, ms1mx3.1/35, Error ellipse: s-maj=59.3km s-min=23.9km az=66.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SUR, SUR, BOSA, etc.

NNC 24 10:08:54.3, 5.3, 6.4377N, 69.89E, h0km, mb3.5, mpv2.8, Error ellipse: s-maj=19.4km s-min=12.3km az=139.0

DSN 24 12:54:28.1+1.4, 27.16N-54.88E, h10km, ML4, 1/10, Error ellipse: s-maj=18.3km s-min=5.7km az=17.0
 IDC 24 12:54:29.1+1.5, 26.95N-54.83E, h0km, mb3.9/7, mb1 3.9/9, mb1mx3.6/4.1, mbtmp3.9/9, ML3.2/2, MS3.2/5, Ms1 3.2/5, ms1mx2.8/4.9, Error ellipse: s-maj=29.3km s-min=24.3km az=6.0
 OMAN 24 12:54:30.7+0.5, 26.89N-54.87E, h1km, 2km, ml3.8/1.1, Error ellipse: s-maj=9.5km s-min=3.0km az=253.0
 TEH 24 12:54:31.4, 26.86N-54.90E, h16km, ML3.8, IDC 24 12:54:31.1+1.2, 26.89N-0.03:54.87E, 0.04, h13km, gkm, n57, r121/61, mb3.8/8, MS2.9/5, Southern Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
LAR1	LAR	0.89 331	eP	12 54 49.0	0.0
LAR1	LAR		eP	12 54 51.5	
LAR1	Bandar-Abbas	1.27 66	eP	12 54 55.3	-0.2
GENO	Geno	1.27 66	eP	12 54 54.9	-0.6
GENO	Geno		eP	12 55 14.0	+2.3
GENO	Geno		eP	12 55 22.6	
SHME	Shamm	1.42 126	eP	12 54 56.4	-0.2
SHME	Shamm		eP	12 55 17.2	+0.4
SHME	Shamm		eP	12 54 56.3	-0.3
SHME	Umm Al-Quwin	1.54 152	eP	12 54 59.8	+0.4
UMQ	Umm Al-Quwin	1.54 152	eP	12 54 59.3	+1.1
LND1	Lamerd	1.58 287	eP	12 55 01.0	-0.4
BANOM	Banah	1.61 127	eP	12 54 58.7	-0.5
BANOM	Banah		eP	12 55 22.9	0.0
BANOM	Banah		eP	12 55 00.2	+1.0
BANOM	Banah		eP	12 55 23.0	+0.1
MSFE	Esma-Masafi	1.92 142	eP	12 55 04.2	+0.6
MSFE	Esma-Masafi		eP	12 55 04.7	+1.2
JHRM	Jahrom	1.97 325	eP	12 55 53.4	
JHRM	Jahrom		eP	12 55 06.7	-0.2
NAZ	Nazwa, Dubai	2.03 159	eP	12 55 07.0	+2.0
NAZ	Nazwa, Dubai		eP	12 55 06.8	+1.8
NAZ	Nazwa, Dubai		eP	12 55 06.7	+1.7
MDH	Madha	2.04 141	eP	12 55 05.5	+0.3
MDH	Madha		eP	12 55 06.2	+1.0
MDH	Madha		eP	12 55 06.2	+1.0
MDH	Madha		eP	12 55 06.2	+1.0
GHIR	Ghir-Karzin	2.17 310	eP	12 55 10.8	+0.5
FAQ	Al Faqa, Dubai	2.24 163	eP	12 55 08.9	+1.1
UOSS	Minazif	2.28 148	eP	12 55 08.6	+0.1
UOSS	Minazif		eP	12 55 09.5	+1.0
UOSS	Minazif		eP	12 55 37.4	+0.9
UOSS	Minazif		eP	12 55 09.9	+1.4
HATD	Hatta, Dubai	2.35 151	eP	12 55 10.4	+0.9
HATD	Hatta, Dubai		eP	12 55 10.6	+1.2
HATD	Hatta, Dubai		eP	12 55 10.9	+1.4
ASHO	Ashiyah	2.45 154	eP	12 55 11.6	+0.8
ASHO	Ashiyah		eP	12 55 12.1	+1.3
ASHO	Ashiyah		eP	12 55 15.4	+1.3
KHNJ	Kahnooj	2.73 67	eP	12 55 15.6	+0.9
ALNE	Al Ain	2.94 164	eP	12 55 19.4	+1.9
SOHO	SOHO	3.13 151	eP	12 55 20.2	0.0
SOHO	SOHO		eP	12 55 20.6	+0.4
SOHO	SOHO		eP	12 55 21.7	+1.5
NGRK	Negar Kerman	3.20 31	eP	12 55 22.4	+1.0
NGRK	Negar Kerman		eP	12 56 27.0	
TVBK	TV Kerman	3.50 28	eP	12 55 24.1	-1.5
TVBK	TV Kerman		eP	12 56 15.3	
KHGB	Koh Gabri	3.75 22	eP	12 56 20.2	+2.6
KHGB	Koh Gabri		eP	12 56 20.2	
ARQ	Araqi	3.85 157	eP	12 55 31.0	+1.0
UMZA	Urn Al Zomool	4.17 176	eP	12 55 35.7	+1.3
IBAF	Bafiq	4.72 7	eP	12 55 44.2	+2.1
SMDO	Samad	4.79 142	eP	12 55 44.0	+1.0
WSAR	Wadi Sarin	4.99 136	eP	12 55 47.0	+1.3
WSAR	Wadi Sarin		eP	12 56 41.8	-1.5
ISAD	Sadrabad	5.11 349	eP	12 55 50.7	+3.1
YZKH	Yazd	5.48 358	eP	12 55 54.8	+2.2
KBZ	Khabaz	19.39 333	eP	12 56 57.5	-0.3
BRTR	Bartul	21.81 311	eP	12 59 23.3	+0.2
BRTR	Bartul		eP	13 09 59.9	
AKTO	Aktubinsk	19.48 348	eP	12 59 41.1	-0.7
AKTO	Aktubinsk		eP	13 00 22.3	
AKTO	Aktubinsk		eP	13 00 26.5	0.0
BVAR	Borovoye Array	28.56 20	eP	13 00 26.5	0.0
MKAR	Makanchi Array	29 26 40	LR	13 14 30.4	
ZALV	Zalesovo Beam	34.89 31	eP	13 01 21.4	-0.6
NOA	NORSAR Array B	44.97 332	P	13 02 44.3	-1.4
SONM	Songino Array	45.02 48	P	13 02 46.4	-0.1
HHC	Hu-ho-hao-te	46.31 58	eP	13 03 13.1	+0.8
HHC	Hu-ho-hao-te		eP	13 03 13.1	+0.8
HHC	Hu-ho-hao-te		eP	13 03 13.1	+0.8
TORD	Torodi Ar. 5s	51.45 266	P	13 03 35.8	-0.6
BORG	Borghanes	60.14 331	LR	13 32 48.3	
SFJD	Sangerjussuaq	71.34 336	LR	13 37 43.2	

UPA 24 13:10:49.7+1.6, 8.92N-77.50W, h17km, 6km, MW4.0
 R5NC 24 13:10:50.5+1.0, 8.76N-77.49W, h32km, 4km, ML3.3, MW3.4

ISC 24 13:10:50.1+1.2, 8.80N-0.03:77.45W, 0.02, h34km, 3km, n59, r126/99, 4C-6D, Panama-Colombia border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
CAP2	Capurgana	0.17 148	iP	13 10 56.2	-0.5
CAP2	Capurgana		iP	13 11 01.5	+0.4
CAPC	Capurgana	0.19 149	iP	13 10 56.2	-0.6
CAPC	Capurgana		iP	13 11 01.2	-0.2
CAPC	Capurgana		iP	13 11 02.0	
LCBC	Los crdobas,	1.07 87	iP	13 11 10.2	0.0
LCBC	Los crdobas,		iP	13 11 22.8	+0.4
LCBC	Los crdobas,		iP	13 11 35.1	
CNTA3	Canitas, Panama	1.48 286	iP	13 11 13.4	-0.8
CNTA3	Canitas, Panama		iP	13 11 30.7	-1.7
PTAC	Punta Arditia,	1.68 192	eP	13 11 15.6	-1.5
PTAC	Punta Arditia,		eP	13 11 35.5	-1.9
PTAC	Punta Arditia,		eP	13 11 15.2	-1.8
PTAC	Punta Arditia,		eP	13 11 36.4	-1.0
CHPO	Chepo, Panama	1.68 283	eP	13 11 16.0	-1.1
CHPO	Chepo, Panama		eP	13 11 36.5	-0.9
MIRA3	Miramar, Colon	2.01 293	eP	13 11 21.2	-0.3
MIRA3	Miramar, Colon		eP	13 11 34.3	-1.1
UPA	Univ. de Panam	2.06 275	eP	13 11 21.7	-0.6
UPA	Univ. de Panam		eP	13 11 45.9	-1.0
UPA	Univ. de Panam		eP	13 11 51.8	
UPA	Univ. de Panam		eP	13 11 21.4	-0.9
UPA	Univ. de Panam		eP	13 11 36.8	-0.1
TABO3	Taboga, Panama	2.08 270	iP	13 11 22.7	+0.2
TABO3	Taboga, Panama		iP	13 11 47.5	+0.3
DBBC	Dabeiba	2.16 145	eP	13 11 23.3	-0.4
DBBC	Dabeiba		eP	13 11 56.1	+1.1
UREC	San Jos de Ur	2.17 119	eP	13 11 23.4	-0.3
UREC	San Jos de Ur		eP	13 11 48.2	-1.3
UREC	San Jos de Ur		eP	13 11 50.4	
ARRA3	Arrajlan, Pana	2.18 274	eP	13 11 24.9	+0.9

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
ARRA3	El Hiral	2.28 281	iP	13 11 46.8	-3.1
FRJ	FRJ		iP	13 11 25.4	+0.1
FRJ	FRJ		iP	13 11 52.1	-0.2
CHOR3	La Chorrera	2.29 273	eP	13 11 26.1	+0.7
CHOR3	La Chorrera		eP	13 11 54.4	+2.0
SABA3	Sabanitas, Col	2.38 283	eP	13 11 26.1	+0.6
SABA3	Sabanitas, Col		eP	13 11 55.1	+0.3
BCIP	Isla Barro Col	2.38 279	eP	13 11 26.5	-0.2
BCIP	Isla Barro Col		eP	13 11 53.9	-0.9
BCIP	Isla Barro Col		eP	13 12 05.6	
BCIP	Isla Barro Col		eP	13 11 26.6	-0.1
BCIP	Isla Barro Col		eP	13 11 54.6	-0.2
ZANG	Zanguenga, Cho	2.39 274	eP	13 11 27.5	+0.6
ZANG	Zanguenga, Cho		eP	13 11 56.9	+2.0
MLJR	Monte Lirio	2.41 281	iP	13 11 27.5	+0.4
MLJR	Monte Lirio		iP	13 11 55.4	-0.1
ZAIR	San Jacinto, C	2.49 64	eP	13 11 28.7	+0.4
ZAIR	San Jacinto, C		eP	13 11 58.3	+0.7
SJCC	San Jacinto, C		eP	13 12 01.1	
SJCC	San Jacinto, C		eP	13 11 28.7	+0.4
SJCC	San Jacinto, C		eP	13 11 59.0	+1.4
SJCC	San Jacinto, C		eP	13 11 28.9	-0.2
SJCC	San Jacinto, C		eP	13 11 57.8	-1.3
SJCC	San Jacinto, C		eP	13 12 03.8	
PINA	Piqa, Costa Ab	2.62 280	eP	13 11 30.7	+0.8
VTON	El Valle, Cocl	2.64 266	eP	13 11 29.0	-1.3
VTON	El Valle, Cocl		eP	13 12 01.6	+0.5
VTON	El Valle, Cocl		eP	13 11 31.5	+1.8
PNME	Penonome	2.86 264	eP	13 11 33.4	-0.2
ZARC	Zaragoza, Cauc	2.88 117	eP	13 11 55.4	-1.7
ZARC	Zaragoza, Cauc		eP	13 12 09.1	
ZARC	Zaragoza, Cauc		eP	13 11 30.7	+0.8
ZARC	Zaragoza, Cauc		eP	13 11 29.0	-1.3
ZARC	Zaragoza, Cauc		eP	13 12 01.6	+0.5
ZARC	Zaragoza, Cauc		eP	13 11 31.5	+1.8
ZARC	Zaragoza, Cauc		eP	13 11 33.4	-0.2
ZARC	Zaragoza, Cauc		eP	13 11 55.4	-1.7
ZARC	Zaragoza, Cauc		eP	13 12 09.1	
CRIS3	El Cristo, Coc	3.12 260	eP	13 11 40.5	+2.9
HELC	Santa Helena	3.28 144	eP	13 11 38.2	-0.3
HELC	Santa Helena		eP	13 12 15.9	-0.2
HELC	Santa Helena		eP	13 11 38.3	-0.3
HELC	Santa Helena		eP	13 12 24.9	-0.9
CBCC	Ciudad Bolivar	3.25 154	eP	13 11 39.9	+1.1
CBCC	Ciudad Bolivar		eP	13 12 15.8	-0.6
CBCC	Ciudad Bolivar		eP	13 12 27.9	
ARGC	Ariguani, Magd	3.33 71	eP	13 11 41.2	+1.4
ARGC	Ariguani, Magd		eP	13 12 18.2	0.0
ARGC	Ariguani, Magd		eP	13 12 19.9	
SMLC	San Martn de	3.34 90	eP	13 11 39.3	-0.6
SMLC	San Martn de		eP	13 12 17.4	-1.0
SMLC	San Martn de		eP	13 12 19.4	
SMLC	San Martn de		eP	13 11 41.6	+0.9
SMLC	San Martn de		eP	13 11 42.9	+0.5
SMLC	San Martn de		eP	13 11 46.7	+2.3
SMLC	San Martn de		eP	13 11 46.0	+1.4
SMLC	San Martn de		eP	13 11 44.2	-1.0
SMLC	San Martn de		eP	13 12 26.0	-1.9
SMLC	San Martn de		eP	13 12 29.4	
OCUJ	Oca, Herrera	3.40 256	eP	13 11 41.6	+0.9
SFRA3	San Francisco,	3.52 261	iP	13 11 42.9	+0.5
CACAO	El Cacao, Vera	3.67 247	eP	13 11 46.7	+2.3
MARI3	Mariato, Vera	3.68 252	eP	13 11 46.0	+1.4
PTBC	PUERTO BERRIO,	3.72 127	eP	13 11 44.2	-1.0
PTBC	PUERTO BERRIO,		eP	13 12 26.0	-

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Coen, Manton Dam, Guam, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Don Marcelino, General Santos, Mati, Bagumbayan, Su, etc.

MAN 24 15:40:00.6, 4.51N, 126.41E, h13km, mb5.1, ML4.0, MS4.1, 2D, Talaud Islands

NEIC 24 15:40:30.6, 0.8, 15.1S, 0.2, 174.2W, 0.1, h10km, 2km, mb4.7/12, Error ellipse: s-maj=25.7km s-min=22.5km az=181.0

IDC 24 15:40:39.7, 57.0, 16.05S, 175.38W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.5/2, mbtpr3.7/2, MS3.5/3, Ms1 3.5/3, ms1mx2.8/32, Error ellipse: s-maj=1076.0km s-min=173.4km az=78.0

ISC 24 15:40:27.1, 2.3, 15.6S, 0.3, 173.5W, 0.5, h10km, n20, $\sigma=77/17$, mb4.7/10, MS3.5/3, Tonga Islands

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

NCEDC 24 15:44:53.1, 1.3, 35.73N, 0.06, 121.12W, 0.08, h7km, 6km, ML2.9/21, Error ellipse: s-maj=11.4km s-min=6.5km az=52.0

NEIC 24 15:44:51.2, 3.2, 35.61N, 0.03, 121.34W, 0.05, h10km, 7km, Error ellipse: s-maj=7.4km s-min=1.7km az=49.0, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hearst Castle, Alder Peak, Alexander Ranc, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DPD David Peak, BAPM Anderson Peak, PPO Portuguese Can, etc.

NNC 24 15:51:18.5, 0.6, 44.67N, 79.14E, h0km, mb2.8, mpv2.9, Error ellipse: s-maj=36km s-min=3.7km az=115.0

SOME 24 15:51:19.1, 4.4, 68N, 79.13E, h20km, ISC 24 15:51:18.9, 1.1, 44.68N, 0.02, 79.11E, 0.03, h6km, 10km, n26, 0.63/48, 4C-1D, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAPS Kapalarasan, KAPS, MNBS, etc.

IDC 24 16:21:44.3, 3.1, 10.17S, 160.74E, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.9/30, mbtpr4.1/7, ML3.4/1, MS3.4/2, Ms1 3.4/2, ms1mx2.7/46, Error ellipse: s-maj=2.6km s-min=1.35km az=57.0

NEIC 24 16:21:47.3, 1.5, 10.15S, 0.1, 160.65E, 0.09, h17km, 5km, mb4.7/23, Error ellipse: s-maj=18.5km s-min=4.7km az=222.0

ISC 24 16:21:50.0, 0.6, 10.12S, 0.09, 160.70E, 0.09, h37km, n43, $\sigma=19/36$, mb4.5/18, Bougainville-Solomon Islands

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

24d 16h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes entries like SVW2 Sparrevohn, QSPA South Pole, PALK Palkeleke, etc.

NEIC 24 16:23:50.2-1.6, 84N-0.08, 73.08W-0.08, h159km, 5km, mb4.3/2, Error ellipse: s-maj=14.5km s-min=9.0km az=137.0

IDC 24 16:23:50.7-1.3, 6.75N-73.03W, h165km, 1km, mb3.2/3, mb1 3.7/6, mb1mx3.3/30, mbtmp3.9/6, Error ellipse: s-maj=29.3km s-min=15.4km az=117.0

RSNC 24 16:23:51.4-1.0, 6.86N-73.13W, h148km, 4km, ML3.7, Mw3.8

ISC 24 16:23:50.5-0.7, 6.88N-73.03-11W-0.03, h154km, 5km, n58, r1564/95, mb3.6/4, 1C-4D, Northern Colombia

Main table of station data for the 24d 16h period, listing various stations like BARC Barichara, PAMC Pamplona, BRRC Barranca, etc.

2014 JUL

Main table of station data for the 2014 JUL period, listing stations like GUVG Santa Marta, CAPC Capurgana, PTAC Punta Ardita, etc.

NEIC 24 16:22:17.9-2.5, 26.9S-0.1, 176.1W-0.2, h10km, 1km, mb4.6/11, Error ellipse: s-maj=32.1km s-min=17.9km az=104.0

IDC 24 16:28:17.6-1.1, 26.89S-176.62W, h0km, mb4.2/5, mb1 4.6/6, mb1mx4.0/35, mbtmp4.3/6, ML4.7/1, MS3.6/5, Ms1 3.6/5, ms1mx3.2/32, Error ellipse: s-maj=36.8km s-min=23.3km az=119.0

ISC 24 16:28:22.1-0.7, 26.99S-0.1, 176.4W-0.2, h35km, n38, r162/239, mb4.5/10, MS3.5/6, South of Fiji Islands

Main table of station data for the 2014 JUL period, listing stations like RAO Raoul Island, URZ Urewera, URZ Urewera, etc.

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

MOS 24 17:10:17.9,0.9,5:49S;145:42E, h62km, mb5.4/30, Error ellipse: s-maj=7.7km s-min=4.5km az=112.0
BUJ 24 17:10:17.6,0.0,5:42S;145:84E, h75km, mb5.1/45, mb5.2/64, Ms4.6/11, Ms7.4/4.5
IDC 24 17:10:19.8,0.6,5:51S;145:48E, h68km, mb4.9/38, mb1.4/9.43, mb1mx3.8/26, mbtpm5.2/43, MS3.7/17, Ms1.3/7.17, ms1mx3.6/25, Error ellipse: s-maj=10.3km s-min=7.1km az=86.0
NEIC 24 17:10:19.9,1.8,5:55S;0:07E;145:42E;0:03, h69km, mb5.4/202, Error ellipse: s-maj=9.9km s-min=4.7km az=190.0
KLM 24 17:10:20.0,5:55S;145:58E, h75km, mb5.5, Hypocentre not reviewed by the ISC

GCMT 24 17:10:21.9,0.2,5:67S;0:02;145:38E;0:02, h70km, mb5.4/30, Moment Tensor Solution, s34,c40; s91,c134; Duration: 0 Moment tensor: Scale 10^16Nm; Mr2,00t.11; Mw=1.98t.08; Mw=0.01t.09; Mw=1.35t.06; Mw=0.73t.07; Mw=0.35t.06; Best double couple: M2.53000x10^16 NP1:291.00000°,282.00000°,194.00000°. NP2: 291.06,00000°,362.00000°,188.00000°. Principal axes: T 2.4220, Plg73.0000°, Azm11.0000°; N 0.2200, Plg2.0000°, Azm107.0000°; P -2.6390, Plg17.0000°, Azm198.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 24 17:10:22.0,4.3,6'S,2'14"E, h83km, mb5.0/72, mb5.3/72, mb5.5/32, MLv5.6/7, Mw(MB)4.9/32, Mw(MS)8/2 ISC 24 17:10:19.9,0.3,5:55S;0:04;145:46E;h70km, mb5.4/30, h70km; pp-P, n630, ip01071, mb5.3/198,37C-4D, Eastern New Guinea region

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

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

Table with columns: TGD, Tagaytay City, 34.47 310 P, P, 17 59 57.8 +0.1, comp=2.334nm,0.4s,baz=108,slow=10,SNR=3.6

IDC 24 17:59:50.4+0.8,55:50S:27:05W,h0km,mb4,0/3, mb1 4/4,mb1mx3.8/19,mbtmp4,0/4,ML3,1/1,MS3,7/6,

NEIC 24 17:59:52.7+1.1,56:1S:0:2:28:6W:0.3,1h0km,2km, mb4,4/5,Error ellipse: s-maj=37.3km s-min=21.1km az=43.0

ISC 24 17:59:52.0+0.8,55:59S:0:1:28:4W:0.2,h10km,n31, o=183/26,mb4,2/4,MS3.8/5,2D, South Sandwich Islands region

Main table for 24 18h section, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HOPE Hope Point, 4.91 286 P, P, 18 01 05.8 -0.3

IDC 24 18:07:16.4:3.9,23:75N-94:38E,h127km,34km,mb3,3/3, mb1 3.3/4,mb1mx3.0/39,mbtmp3.6/4,MS2,7/1,Ms1 2.7/1,

ISC 24 18:07:16.4:3.9,23:75N-94:38E,h127km,34km,mb3,3/3, mb1 3.3/4,mb1mx3.0/39,mbtmp3.6/4,MS2,7/1,Ms1 2.7/1,

Table for 24 18:07:16.4:3.9,23:75N-94:38E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, CMAR Chiang Mai Arr, 6.77 140 P, P, 18 08 53.3 -0.1

IDC 24 18:16:40.5:2.2,6:06N-126:40E,h0km,mb3,5/4, mb1 3.7/4,mb1mx3.4/33,mbtmp3.6/4,Error ellipse: s-maj=129.2km s-min=24.9km az=69.0,Mindanao

Table for 24 18:16:40.5:2.2,6:06N-126:40E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, FITZ Fitzroy Crossi, 24.02 182 P, P, 18 21 58.2 +1.0

IDC 24 18:42:41.3:1.6,51:89N:179:87W,h0km,mb3,3/3, mb1 3.7/4,mb1mx3.3/67,mbtmp3.5/4,ML3,1/1,Error ellipse: s-maj=68.1km s-min=33.1km az=137.0

NEIC 24 18:42:57.9+0.5,51:78N:0:08:178:39E:0.0/7, h10km,5km,Error ellipse: s-maj=11.6km s-min=5.8km az=197.0

AEIC 24 18:42:59.0+0.7,51:78N:0:07:178:41E:0.0/9, h101km,4km,ML3,3/3,4,Error ellipse: s-maj=10.5km s-min=7.4km az=207.0

ISC 24 18:42:58.7+1.0,51:81N:0:1:178:46E:0.0,6,h102km,7km, n40,o=71/39,mb3,0/3,Rat Islands

Table for 24 18:42:58.7+1.0,51:81N:0:1:178:46E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, LSSA Little Sitkin, 0.19 22 Op, P, 18 43 12.8 -0.4

Table for 2014 JUL section, columns: TANO Tanaga North, 2.13 84 Pn, Pn, 18 43 32.8 -0.3, TASE Tanaga Southea, 2.18 87 Pn, Pn, 18 43 33.3 -0.4

IDC 24 18:43:12.2:1.2,6:57S:103:29E,h0km,mb3,7/6, mb1 3.8/7,mb1mx3.6/42,mbtmp3.7/7,ML3,7/1,Error ellipse: s-maj=86.6km s-min=20.6km az=45.0

NEIC 24 18:43:18.3+1.0,6:57S:103:29E:0.1,h32km,9km, mb4,4/5,Error ellipse: s-maj=33.0km s-min=9.9km az=215.0

ISC 24 18:43:14.9+1.2,6:38S:0:2:103:4E:0.1,h20km,n24, o=147/113,mb3,7/6,Southeast of Sumatra

Table for 24 18:43:14.9+1.2,6:38S:0:2:103:4E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, MNAI Manna, 2.43 350 Pn, Pn, 18 43 54.7 +1.3

IDC 24 18:43:12.2:1.2,6:57S:103:29E,h0km,mb3,7/6, mb1 3.8/7,mb1mx3.6/42,mbtmp3.7/7,ML3,7/1,Error ellipse: s-maj=86.6km s-min=20.6km az=45.0

NEIC 24 18:43:18.3+1.0,6:57S:103:29E:0.1,h32km,9km, mb4,4/5,Error ellipse: s-maj=33.0km s-min=9.9km az=215.0

ISC 24 18:43:14.9+1.2,6:38S:0:2:103:4E:0.1,h20km,n24, o=147/113,mb3,7/6,Southeast of Sumatra

Table for 24 18:43:14.9+1.2,6:38S:0:2:103:4E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRAP Warramunga Arr, 81.13 222 P, P, 18 55 02.3 -0.3

IDC 24 18:43:12.2:1.2,6:57S:103:29E,h0km,mb3,7/6, mb1 3.8/7,mb1mx3.6/42,mbtmp3.7/7,ML3,7/1,Error ellipse: s-maj=86.6km s-min=20.6km az=45.0

NEIC 24 18:43:18.3+1.0,6:57S:103:29E:0.1,h32km,9km, mb4,4/5,Error ellipse: s-maj=33.0km s-min=9.9km az=215.0

ISC 24 18:43:14.9+1.2,6:38S:0:2:103:4E:0.1,h20km,n24, o=147/113,mb3,7/6,Southeast of Sumatra

Table for 24 18:43:14.9+1.2,6:38S:0:2:103:4E, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, CMAR Chiang Mai Arr, 25.44 350 P, P, 18 48 38.7 -2.8

IDC 24 18:48:21.6:3.6,9:46N-84:34W,h0km,mb3,5/1,mb 4.1/2, mb1mx3.5/42,mbtmp3.8/2,ML4,0/1,MS3,3/3,Ms1 3.4/3, ms1mx2.8/31,Error ellipse: s-maj=126.7km s-min=33.7km az=58.0

UCR 24 18:48:26.8:1.7,9:95N:84:27W,h7km,2km,MD3,7, mb4,1/0E,1/0E

NEIC 24 18:48:27.1+0.9,10:08N:0:08:84:26W:0.4,h10km,2km, mb4,1/3,ML4,2(UCR),Error ellipse: s-maj=12.8km s-min=6.2km az=184.0

UP 24 18:48:27.2+4.8,10:05N:84:31W,h6km,15km,MMW4,6

INETA 24 18:48:28.1,9:86N:84:37W,h2km,ML3,8

ISC 24 18:48:26.8:0.8,9:97N:0:03:84:27W:0.0,3,h17km,5km, n88,o=143/119,MS3,4/3,2C, Costa Rica

Table for 24 18:48:26.8:0.8,9:97N:0:03:84:27W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HDC Heredia, 0.16 78 I/P, P, 18 48 31.3 0.0

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA02 Huaquiue, 0.90 105 I/P, P, 18 56 40.1 +0.8

Table for 1170 section, columns: DRKO Durika, 1.23 125 eP, P, 18 48 49.0 -0.7, DRKO Durika, 1.23 125 eP, P, 18 48 49.0 -0.7

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA02 Huaquiue, 0.90 105 I/P, P, 18 56 40.1 +0.8

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA01 Diego Aracena, 0.98 123 I/P, P, 18 56 54.6 +0.9

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA01 Diego Aracena, 0.98 123 I/P, P, 18 56 54.6 +0.9

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA01 Diego Aracena, 0.98 123 I/P, P, 18 56 54.6 +0.9

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table for 24 18:56:22.0+1.5,20:04S:0:03:71:06W, columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, TA01 Diego Aracena, 0.98 123 I/P, P, 18 56 54.6 +0.9

IDC 24 18:56:22.1+0.7,19:86S:70:75W,h0km,mb4,1/9, mb1 4.2/13,mb1mx4.0/37,mbtmp4.1/13,ML4,0/3,MS3,3/7, Ms1 3.3/7,ms1mx3.1/26,Error ellipse: s-maj=2.02km s-min=15.1km az=62.0

NEIC 24 18:56:22.9+2.1,20:04S:0:04:70:96W:0.05,h11km,4km, Error ellipse: s-maj=7.5km s-min=6.3km az=86.0

GUC 24 18:56:24.5+0.8,20:00S:71:06W,h33km,3km,ML4,2

VAO 24 18:56:27.7+0.7,20:12S:70:64W,h10km,mb4,5

ISC 24 18:56:22.0+1.5,20:04S:0:03:71:06W:0.05,h5km,9km, n00,o=148/103,mb4,1/9,MS3,4/3,11C, Off coast of northern Chile

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations like BC3, EW2, MURC, etc.

Station coordinates and identifiers:
IDC 24 19:32:54.0.2.2, 3.97N, 126.82E, h0km, mb3.3/4,
mb1 3.6/4, mb1mx3.3/46, mbtmp3.4/4, MS2.9/1, Ms1 3.1/1,
ms1mx2.3/21, Error ellipse: s-maj=126.8km s-min=28.0km
az=69.0

Station coordinates and identifiers:
IDC 24 19:34:29.9.1.1, 5.94N, 127.52E, h0km, mb3.8/9,
mb1 3.9/11, mb1mx3.8/44, mbtmp3.9/11, ML4.1/2, MS3.0/3,
Ms1 3.1/3, ms1mx2.6/36, Error ellipse: s-maj=59.7km
s-min=15.3km az=69.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DMMP, DMPH, DMPH, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like SKMP, BUKP, BUKP, etc.

Station coordinates and identifiers:
IDC 24 19:45:53.0.0.5, 14.07S, 25.72E, h0km, mb4.2/19,
mb1 4.4/25, mb1mx4.3/31, mbtmp4.3/25, ML3.8/5, MS3.5/12,
Ms1 3.5/12, ms1mx3.2/34, Error ellipse: s-maj=16.2km
s-min=13.2km az=54.0

Station coordinates and identifiers:
LSZ 24 19:45:54.2.0.3, 14.02S, 26.12E, h10km, MD3.2
NEIC 24 19:45:55.3.1.2, 14.13S, 0.19, 25.69E, 0.08, h14km, gkm,
mb4.6/27, Error ellipse: s-maj=13.2km s-min=10.8km
az=179.0

Station coordinates and identifiers:
EAF 24 19:46:01.6.1, 7.99S, 25.48E, h10km, MD4.5
ISC 24 19:45:54.2.0.3, 14.18S, 0.03, 25.70E, 0.04, h10km, n124,
z=26.1/43, mb4.5/47, MS3.5/7, D, Zambia
az=179.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ITZ, ITZ, ITZ, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like MATP, MATP, MATP, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like BOSA, BOSA, BOSA, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like KMBO, KMBO, KMBO, etc.

Table with columns: Station Name, Frequency, Mode, Band, SNR, Azimuth, Elevation, and other parameters. Includes stations like AB31 Akbulak array, SOHO, SOHO, SOHO, HATD Hatta, Dubai, etc.

Table with columns: Station Name, Frequency, Mode, Band, SNR, Azimuth, Elevation, and other parameters. Includes stations like BR131, BRTR Keskin Array B, BRTR, BRTR, EIL, ANTO, ANTO, ANTO, etc.

Table with columns: Code, Station Name, Frequency, Mode, Band, SNR, Azimuth, Elevation, and other parameters. Includes stations like mB4.7/105, Error ellipse, ISC 25 00:02:39.5, etc.

BUI 25 00:02:37.0, 0.0, 21.405s, 179.20W, h610km, mB5.1/3, mb4.9/18, IDC 25 00:02:38.8, 1.2, 21.385s, 179.23W, h612km, 13km, mb4.1/29, mb1 4.2/32, mb1mx4.0/46, mb1mx5.1/32, Error ellipse: s-maj=12.3km s-min=10.4km az=175.0, NEIC 25 00:02:39.4, 1.7, 21.355s, 0.09:179.2W, 0.1, h623km, 6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAK Asacha, MUTV Mutnovka, RUS Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PRGR Permogre, NVAR Mina Array Bea, etc.

RSNC 25 00:13:56.9,0.9,6:80N:73.15W, h142km,3km,ML3.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pampiona, RUSC La Rusia, etc.

SJA 25 00:15:25.0,4.0,36:87S:74:61W, h10km, ML3.6, MW4.0
GUC 25 00:15:37.0,6.6,36:66S:73:74W, h26km, 4km, ML3.6
ISC 25 00:15:35.9,2.6,36:68S:0.04:73.8W, 0.1, h3km, 14km, n17,
e129/23, 1C-1D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tigo, Laja, Isla Mocha, San Fabian de, Huala, Cavihuae, Cunco, etc.

IDL 25 00:15:32.8,1.1,8:68S:113:53E, h0km, mb3.9/8,
mb1.4/0.10, mb1mx3.8/39, mbtmp3.9/10, ML3.7/2, Error
ellipse: s-maj=59.7km s-min=16.2km az=47.0
NEIC 25 00:15:37.8,1.9,9:38S:0.07:113.14E, 0.06, h64km, 9km,
mb4.3/13, Error ellipse: s-maj=12.4km s-min=5.8km
az=214.0
DJA 25 00:15:38.9,0.9,9:5S:11:3E, h27km, 11km, M4.6/14,
mb5.7/1, mb5.1/1, MLV4.3/14, Mw(mB)5.3/1
ISC 25 00:15:37.4,0.9,9:45S:10.06:113.06E, 0.04, h60km, 10km,
m68, e172/77, mb4.0/11, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MALURU, COIS, PEL, PASO FLORES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LCR2 La Lucha 2, HDC Heredia, EDDO Dominical, etc.

MEX 25 02:52:58.7-0.6, 14.65N-92.58W, h73km, 9km, MD3.7
GCG 25 02:52:50.0-0.4, 14.20N-92.37W, h3km, 1km, MD4.1
ISC 25 02:52:55.3-3.0, 14.7N-0.1:92.73W-0.09, h5km, 16km, n8,
e190/13, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like THIG, PCIG, COIG, FUG, PGC, PCG, TGIG, etc.

IDC 25 03:12:20.2-0.8, 9.24S-123.85E, h57km, 6km, mb3.7/7,
mb1 3.8/7, mb1mx3.6/31, mbtmp4.0/7, MS3.2/4, Ms1 3.2/4,
ms1mx2.7/41, Error ellipse: s-maj=48.6km s-min=15.5km
az=67.0

NEIC 25 03:12:20.5-2.9, 9.10S-0.05:124.23E-0.09, h68km, 6km,
mb4.1/7, Error ellipse: s-maj=12.8km s-min=7.1km
az=77.0

DJA 25 03:12:22.8-0.3, 10.1S-4.12E, h70km, 6km, M4.5/8,
mb5.5/2, mb4.7/6, MLV4.5/8, Mw(m)5.0/2

ISC 25 03:12:20.3-0.5, 9.41S-0.06:124.12E-0.08, h74km, n43,
e285/45, mb4.0/5, 1C-1D, Timor region

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

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

BE0 25 03:18:09.4-0.9, 38.52N-20.57E, h5km, 4km, ML3.1/6
IDC 25 03:18:10.3-1.5, 38.86N-20.94E, h0km, mb3.5/5,
mb1 3.5/7, mb1mx3.4/48, mbtmp3.4/7, ML3.2/2, Error
ellipse: s-maj=27.5km s-min=25.5km az=56.0

ATH 25 03:18:11.1, 38.73N-21.00E, h10km, 3km, ML3.0/21, Error
ellipse: s-maj=3.4km s-min=0.7km az=233.0

THE 25 03:18:11.7, 38.72N-21.00E, h0km, 1km, ML3.1/16, Error
ellipse: s-maj=1.7km s-min=0.4km az=26.0

ISC 25 03:18:11.5-0.8, 38.74N-0.02:20.98E-0.02, h13km, 6km,
n109, e191/139, mb3.4/5, Greece

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUR Gaura, GUR.

KEK Kerkira
KEK Kerkira
KEK Kerkira

SRN Sarande
PENT Pentafolos
TRIP Tripoli

TRIP Tripoli
TRIP Tripoli

LIT Litokhoron
LIT Litokhoron
XOR XORichti

XOR XORichti
NEO Neokhori
VIL2 Vileto

VILL Villia
DID Didima
AOS Alonnissos

OHR OHR
TIR Tirane
BRV Bratstvo

STP Stip
SRS Serrai
SRS Serrai

SKO Skopje
DRME Draziceva, Mon
PDG Podgorica

PDG Podgorica
BOSS Bosilegrad
BARS Barje

TREB Trebinje
TREB Trebinje
DBRK Dubrovnik

SELS Selova
DVS Divisost
SJSJ Sjenica

ZAPS Zavoj
UPM Unac-Piva
STON Ston

STON Ston
ZAJEJ Zajecar
BBLB Lazii#263;i

BBLB Lazii#263;i
DVLV Divlzevci
DVS Divarska

MAKA Makarska
MAKA Makarska
MAKA Makarska

TRUJ Trudelj
RICI Ricice
KJVV Kijevo

MORI Morici
BLY Banja Luka
DUGI Dugi Otok

NVLJ Novljani
CRES Cresnjak
CEYJ Cernika

SOKA Soboth
SOKA Soboth
BRTR Keskin Array B

GERE GERESS Array B
FINES FINESS Array B
NOA NORARS Array B

TORD Torodi Arr. Bea
MKAR Makanchi Array
ZALV Zalesovo Beam

IDC 25 03:22:35.9-2.2, 62.85N-148.27W, h60km, 23km, mb3.4/4,
mb1 3.5/7, mb1mx3.2/54, mbtmp3.7/7, ML3.5/4, MS2.5/1,
Ms1 2.5/1, ms1mx2.1/27, Error ellipse: s-maj=48.0km

NEIC 25 03:22:36.3-1.0, 62.86N-148.29W-0.08, h68km, 4km,
Error ellipse: s-maj=5.7km s-min=5.6km az=220.0

AEIC 25 03:22:36.1, 0.62:88N-0.03:148.26W-0.09, h60km, 4km,
ML3.7/128, Error ellipse: s-maj=6.3km s-min=3.8km
az=76.0

ANF 25 03:22:37.5-0.3, 62.97N-148.45W, h44km, 35km, ML4.0/8,
Error ellipse: s-maj=6.2km s-min=1.8km az=110.0

ISC 25 03:22:36.4-0.8, 62.89N-0.03:148.19W-0.03, h58km, 6km,
n145, e190/161, mb3.8/4, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WAT1, WAT2, WAT3, etc.

NEA2	Nenana	1.75 348	P	Pn	03 23 04.2 -0.2
NEA2	Nenana	1.75 348	S	Sn	03 23 24.7 -1.0
NEA2	baz=168				
NEA2	Klutina	1.75 348	Pn	03 23 04.2 -0.2	
KLJ	Klutina	1.76 142	Pn	03 23 04.8 +0.2	
CCB	Clear Creek Bu	1.77	5	Pn	03 23 04.6 0.0
SKT	Skwentna	1.80 241	Pn	03 23 04.9 -0.2	
PPLA	Purkeyville	1.83 272	Pn	03 23 05.3 -0.3	
CAST	Castle Rocks	1.84 288	Pn	03 23 05.3 -0.4	
SUA	Susitna One	1.87 221	Pn	03 23 05.4 -0.4	
IL31		1.98	16	Pn	03 23 07.7 +0.3
ILAR	Eielson Array	1.98	16	Pn	03 23 07.3 -0.1
ILAR	94nm,0.3s,baz=194,slow=14,SNR=1328				
ILAR	49nm,0.3s,baz=202,slow=21,SNR=4				
ILAR	Eielson Array	1.98	16	Pn	03 23 06.8 -0.6
FIS	Fire Island	2.00 210	Pn	03 23 09.5 +1.8	
TCOL	CIGO, UAF Yank	2.00	4	P	03 23 07.9 +0.3
TCOL	baz=185				
TCOL	CIGO, UAF Yank	2.00	4	P	03 23 08.0 +0.3
COLA	College	2.00	4	Pn	03 23 07.9 +0.2
VMT	TAPS TI Valdez	2.01 154	Pn	03 23 07.5 -0.3	
DOT	Dot Lake	2.02	66	Pn	03 23 08.8 +0.8
PWL	Port Wells	2.04 182	Pn	03 23 08.4 0.0	
MEHT	Mentasta	2.05 87	Pn	03 23 09.4 +0.8	
MDM	Murphy Dome	2.08 360	Pn	03 23 08.8 0.0	
GLI	Glacier Island	2.08 165	Pn	03 23 08.5 -0.5	
CHUM	Lake Minchumin	2.11 300	Pn	03 23 09.1 -1.0	
STLK	Strandline Lak	2.21 232	Pn	03 23 11.4 +0.8	
POKR	Poker Plat Res	2.26	8	P	03 23 11.7 +0.3
POKR	baz=190				
POKR	Poker Plat Res	2.26	8	Pn	03 23 11.7 +0.3
FLY	Fort Falgo	2.30 159	Pn	03 23 11.9 -0.3	
SPCG	Spurr Capps Gi	2.41 230	Pn	03 23 15.7 +1.2	
MID	Manly	2.42 334	Pn	03 23 13.8 +0.2	
PS07	TAPS Pump Stn7	2.43 599	Pn	03 23 14.2 +0.6	
SPU	Mout Spurr	2.50 228	Pn	03 23 15.9 +1.2	
GLB	Gilahina Butte	2.52 123	Pn	03 23 15.5 +0.6	
O22K	Cooper Landing	2.52 197	P	03 23 16.6 +1.7	
O22K	baz=165				
O22K	Cooper Landing	2.52 197	Pn	03 23 16.4 +1.5	
SPCR	Spurr Chakacha	2.54 230	Pn	03 23 16.3 +1.1	
CAPN	Captain Cook N	2.55 215	S	03 23 53.0 +8.0	
CAPN	baz=32				
CAPN	Captain Cook N	2.55 215	Pn	03 23 17.6 +2.4	
SPBG	Spurr Blockage	2.56 232	Pn	03 23 16.9 +1.4	
SLKM	Skilak Lake	2.58 203	Pn	03 23 16.3 +0.6	
SPNN	North Nagishia	2.61 236	Pn	03 23 17.1 +0.8	
EYAK	Eagle Lake	2.62 153	Pn	03 23 16.2 +0.2	
HIN	Hinchinbrook I	2.63 161	Pn	03 23 15.9 -0.5	
VRDI	Verde Repeater	2.79 125	Pn	03 23 18.8 +0.1	
GOAT	Goat Mountain	2.84 143	Pn	03 23 19.5 +0.2	
MCARA	McCarthy VSAT	2.86 120	Pn	03 23 20.6 +1.1	
SEW	Seaward	2.86 193	Pn	03 23 19.2 -0.3	
BC03		2.93 84	Pn	03 23 20.9 +0.4	
BCAR	Beaver Creek A	2.93 84	Pn	03 23 20.2 -0.3	
RAGM	Ragged Mountai	3.02 145	Pn	03 23 21.8 +0.1	
PS06	TAPS Pump Stn6	3.05 348	Pn	03 23 22.4 +0.3	
DFR	Drift River	3.14 225	Pn	03 23 23.8 +0.4	
HMT	Hamilton	3.18 142	Pn	03 23 23.4 -0.5	
RDJH	Redoubt Geurge	3.23 247	Pn	03 23 24.7 +0.6	
PTPK	Patty Peak	3.19 120	Pn	03 23 24.9 +0.7	
CRQM	Cirque	3.21 130	Pn	03 23 24.5 0.0	
RSO	Redoubt South	3.27 224	Pn	03 23 25.3 +0.1	
RDWB	Redoubt West	3.27 225	Pn	03 23 25.7 +0.4	
BERG	Berg Lake	3.30 137	Pn	03 23 24.9 -0.5	
RED	Redoubt Volcan	3.30 223	Pn	03 23 25.9 +0.2	
TGL	Tana Glacier	3.33 128	Pn	03 23 25.6 -0.4	
BALM	Baldy	3.33 121	Pn	03 23 26.0 0.0	
NICHA	Nichawak Mount	3.34 141	Pn	03 23 26.6 -0.5	
BRSE	Bradley Lake S	3.39 202	Pn	03 23 26.6 -0.2	
KYAG	Kiyaga	3.40 123	Pn	03 23 27.0 +0.1	
BRLL	Bradley Lake	3.40 204	Pn	03 23 27.2 -0.8	
KAIM	Kayak Island	3.48 147	Pn	03 23 27.8 -0.8	
GRIN	Grindle Hills	3.50 136	Pn	03 23 28.4 -0.9	
SUCK	Sucking Hills	3.53 141	Pn	03 23 28.7 -0.7	
TTA	Tatalina	3.58 274	Pn	03 23 28.7 -0.7	
IT01	Tatalina	3.58 274	Pn	03 23 28.6 -0.4	
BARN	Barnard Glacie	3.59 118	Pn	03 23 30.4 +0.7	
MID	Middleton Is	3.59 165	Pn	03 23 28.5 -0.9	
YUK2	White River	3.59 165	Pn	03 23 30.3 +0.8	
ISLE	Juniper Island	3.61 127	Pn	03 23 29.1 -0.8	
EQAQ	Eagle	3.61 117	Pn	03 23 31.1 +0.5	
BARK	Barkley Ridge	3.69 130	Pn	03 23 30.7 -0.3	
KULT	Kultieth River	3.72 133	Pn	03 23 30.9 -0.5	
CTGM	Chitina Glacie	3.77 118	Pn	03 23 32.6 +0.5	
BAGL	Bagley Icefiel	3.77 127	Pn	03 23 31.4 -0.5	
YUK3	Moose Creek	3.78 104	Pn	03 23 32.8 +0.6	
SVWZ	Sparrevohr	3.92 246	Pn	03 23 35.5 +0.6	
IM03		3.93 325	Pn	03 23 34.2 +0.1	
IMAR	Indian Mountai	3.93 325	Pn	03 23 33.3 -0.8	
LOGN	Logan Glacier	3.99 118	Pn	03 23 35.3 +0.2	
YAH	Yahstse	3.99 127	Pn	03 23 34.5 -0.6	
MESA	Mesa	4.04 130	Pn	03 23 35.4 -0.4	
DAWY	Dawson	4.12 69	Pn	03 23 37.6 +0.8	
TABL	Table Mountain	4.16 123	Pn	03 23 36.8 -0.7	
RKAV	Rock Avalanche	4.18 125	Pn	03 23 37.5 -0.2	
AU22	Augustine Moun	4.33 218	Pn	03 23 40.0 +0.4	
AUL	Augustine Lava	4.34 218	Pn	03 23 40.2 +0.4	
AUP	Augustine Pinn	4.35 218	Pn	03 23 40.1 +0.4	
AUQ	Augustine Oik'	4.36 218	Pn	03 23 40.5 +0.5	
AUW	Augustine West	4.36 218	Pn	03 23 40.5 +0.5	
CHX	Chaix Hills	4.42 127	Pn	03 23 40.8 -0.1	
COLD	Coldfoot	4.44 350	P	03 23 41.8 +0.7	
COLD	baz=168				
COLD	Coldfoot	4.44 350	Pn	03 23 41.8 +0.7	
PCA	Pinnacle	4.72 123	Pn	03 23 44.5 -0.6	
BM03	Burnt Mountain	4.79 17	Pn	03 23 46.7 +0.8	
PNL	Peninsula	5.33 123	Pn	03 23 52.0 -1.3	
KAHK	Katmai Hardscr	5.41 221	Pn	03 23 54.1 -0.3	
HYT	Haines Junctio	5.47 107	Pn	03 23 55.5 +0.3	
KDAK	Kodiak Island	5.57 205	Pn	03 23 54.7 -1.8	
KDAK	1.2nm,0.3s,baz=58,slow=6.6,SNR=42				
KDAK	5.2nm,0.3s,baz=126,slow=20,SNR=6.9				
KDAK	comp=Z,49nm,21.6s,baz=216,slow=41				
KDAK	Kodiak Island	5.57 205	Pn	03 23 55.0 -1.5	
KABU	Katmai Buttres	5.80 220	Pn	03 23 59.5 -0.3	
TOLK	Toolik Lake Re	5.80 355	P	03 24 02.8 +3.0	
TOLK	baz=174				
TOLK	Toolik Lake Re	5.80 355	Pn	03 23 59.5 -0.3	
EPYK	Eagle Plains	6.04 50	S	03 25 10.1 -0.5	
EPYK	baz=240				
EPYK	Eagle Plains	6.04 50	Pn	03 24 03.3 +0.4	
OHAK	Old Harbor	6.23 206	Pn	03 24 03.3 -2.3	
PLBC	Pleasant Camp	6.67 116	Pn	03 24 11.9 +0.2	
WHY	Whitehorse	6.70 104	Pn	03 24 12.7 +0.6	
SII	Sitikanan Island	7.03 208	Pn	03 24 17.7 +1.1	
SKAG	Skagway	7.10 113	Pn	03 24 17.2 -0.3	
MESE	Messie Mountai	7.83 117	Pn	03 24 16.7 -0.9	
INK	Inuvik	8.13 42	Pn	03 24 32.4 +0.9	
INK	0.4nm,0.3s,baz=244,slow=13,SNR=25				
INK	S				
INK	2.6nm,0.3s,baz=148,slow=23,SNR=10.0				
JIS	Juneau Island	8.21 118	Pn	03 24 32.0 -0.7	
SIT	Sitka	8.70 126	Pn	03 24 39.0 -0.3	
YKA	Yellowknife Ar	15.32 76	P	03 26 09.6 +0.9	
RES	Resolute Bay	21.61 35	P	03 27 21.8 +0.9	
RES	0.1nm,0.3s,baz=286,slow=13,SNR=8.4				
NOA	NORSAR Array B	55.40 12	P	03 32 02.5 -1.5	
NOA	0.3nm,0.7s,baz=347,slow=7.2,SNR=3.3				
FINES	FINESSE Array B	55.91 3	P	03 32 06.0 -1.5	
FINES	0.5nm,0.3s,baz=57,slow=8.1,SNR=6.1				
MKAR	Makanchi Array	63.54 324	P	03 33 01.3 +1.1	
BOSA	Boshof	145.45 10	PKPbc	03 42 06.3 -1.0	
BOSA	3.2nm,0.9s,baz=338,slow=5.4,SNR=2.5				

Mn-1.96; Mw-0.44; Mw-1.52; Mw0.64; Mw-0.29; Mw2.21;
 Fault plane solution: M2.91000°196 N1°16.00000°;
 δ71.00000°,λ91.00000°. NP2:194.00000°,δ19.00000°;
 λ88.00000°.

BGR 25 04:18:15.7:0.0,41:56N:142:02E,h60km,2km,mb5.2
 JMA 25 04:18:15.5:0.1,41:54N:142:09E,h66km,2km,M4.9

Broadband fault plane solution: P waves. NP1:
 192.00000°,δ15.00000°,λ87.00000°. NP2:196.16.00000°;
 δ75.00000°,λ91.00000°. Principal axes: T Plg60.0000°;
 Azm287.0000°; N Plg1.0000°; Azm195.0000°; P
 Plg30.0000°; Azm105.0000°;

JMA
 Fall III, J1
 GCMT 25 04:18:16.2:0.2,41:59N:0°01:142:20E,0°02,h59km,1km,
 MW5.0/113, Moment Tensor solution. s88,c116;
 s113,c174; Duration: 0 Moment tensor: Scale 1016Nm;
 Mn:3.28±.12; Mw:0.13±.10; Mw:3.15±.10; Mw:0.8±.07;
 Mw-1.07±.08; Mw:2.0±.08; Best double couple:
 Mw:0.52000°1016 N1°16.00000°;δ29.00000°;
 λ84.00000°. NP2:192.00000°;δ62.00000°;
 λ93.00000°. Principal axes: T 3.9530,Plg73.0000°;
 Azm299.0000°; N 0.2000,Plg3.0000°;
 Azm199.0000°; P -1.1510,Plg17.0000°;
 Azm109.0000°; nst1 refers to body waves,
 cutoff=40s; nst2 refers to surface waves,
 cutoff=50s. Triangular moment-rate function

IDC 25 04:18:16.9:1.4,41:50N:142:07E,h67km,11km,mb4.7/28,
 mb1 4.9/34,mb1mx4.7/52,mbtmp5.0/34,MS4.0/34,
 Ms1 4.0/34,ms1mx4.0/37 Error ellipse: s-maj=11.9km
 s-min=8.6km az=122.0

NEIC 25 04:18:16.2:1.9,41:57N:0°06:142:19E:0°09,h64km,4km,
 mb5.1/32.0, Error ellipse: s-maj=10.6km s-min=7.8km
 az=129.0

KLM 25 04:18:17.0,41:41N:142:45E,h72km,mb5.0, Hypocentre
 not reviewed by the ISC

ISC 25 04:18:16.0:0.4,41:55N:0°03:142:11E:0°03,h62km,2km,
 h62km;PP-P,n054,e1903,ms5.1/299,132C-22D,
 Hokkaido region

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
JAHN	Aomorihighashid	0.65	244	Op	04 18 29.7	0.0
JAHN				S	04 18 40.3	+0.6
JARK	Aomorirokkasho	0.78	226	Op	04 18 30.8	-0.5
JARK				S	04 18 42.1	-0.8
JOT	Ohatra	0.81	258	Op	04 18 31.4	-0.3
JOT				S	04 18 43.5	+0.2
JKB	Kayabe	0.87	293	Op	04 18 31.7	-0.7
JNBK	Urakawa-nobuka	0.87	33	Op	04 18 31.9	-0.6
JNBK				S	04 18 44.6	-0.1
JSHD	Hidakashinhida	0.90	17	Op	04 18 33.5	+0.7
JSHD				S	04 18 46.4	+1.2
ERM	Erimo	0.91	59	Op	04 18 32.7	-0.2
ERM				S	04 18 45.6	+1.1
ERM	comp=Z,10um,0.8s					
JEM	Erimo	0.91	59	P	04 18 32.7	-0.2
JEM				S	04 18 45.6	+1.1
JIAM	Iburiatsuma	1.08	353	P	04 18 35.9	+0.8
JIAM				S	04 18 50.8	+1.3
JTM	Tenbawayashi	1.09	226	Op	04 18 49.5	-0.2
JTM				S	04 18 36.1	-0.8
JNB	Noboribetsu	1.21	319	Op	04 18 51.6	-0.9
JNB				S	04 18 37.5	+0.2
JB72	Birator 1	1.24	9	Op	04 18 37.1	-0.4
JANG	Nango	1.26	201	Op	04 18 52.8	-0.8
JANG				S	04 18 37.5	-0.1
JSR	Shirouchi	1.27	270	Op	04 18 53.0	-0.8
JSR				S	04 18 39.4	+0.3
JEW	Eniwo	1.38	339	Op	04 18 56.3	-0.1
JEW				S	04 18 40.0	+0.4
JYM	Churui	1.41	41	Op	04 18 39.7	+0.1
JYM	Yakumo 2	1.42	284	P	04 18 57.9	+0.6
JYM				S	04 18 41.6	-0.1
JOMM	Oshimamatsumae	1.58	270	P	04 19 00.9	-0.2
JOMM				S	04 18 42.8	0.0
JFR	Furan	1.65	12	Op	04 19 03.1	+0.1
JFR				S	04 18 47.5	-0.5
JOSM	Okushiri-Mats	2.04	286	Op	04 19 11.4	-0.9
JOSM				S	04 18 56.5	+1.1
ASAJ	Asahikawa	2.59	8	P	04 19 25.5	-0.3
ASAJ	comp=Z,124nm,0.3s,baz=222,slow=13,SNR=99					
ASAJ	comp=Z,150nm,0.3s,baz=354,slow=27,SNR=6.7					
ASAJ	comp=Z,3um,21.9s,baz=210,slow=48					
JKA	Kamikawa-asahi	2.59	8	Pn	04 18 56.5	+1.1
JKA				S	04 19 25.5	-0.3
NMR	Nemuro-Hokkai	3.24	55	Op	04 19 02.2	-1.1
GNRP	Tuman	3.64	47	Op	04	

BRVK	Borovoye	48.07 310cP	P	04 26 49.2 +0.2
BRVK	comp-Z,56nm,1.3s		Pmax	
BRVK	Borovoye	48.07 310 P	P	04 26 48.8 -0.2
TKM2	Tokmak 2	48.08 295 P	P	04 26 50.4 +0.9
TKM2	Tokmak 2	48.08 295 P	P	04 26 49.8 +0.3
DMN	Daman	48.14 272 eP	P	04 26 50.5 +0.3
ISLE	Juniper Island	48.15 40 IAMB	IAMB	04 27 17.1
GKN	Gorkha	48.28 273 eP	P	04 26 51.3 +0.1
OTUK	Ortayu	48.32 303 P	P	04 26 50.2 -0.9
BTLS	Baital	48.33 298 fP	P	04 26 50.7 -0.4
BTLS	comp-Z,54nm,13.1s,baz=298		LR	04 47 41.6
BTLS	Baital	48.33 298 cP	P	04 26 50.7 -0.4
BTLS	comp-Z,13nm,1.0s		Pmax	
BTLS	comp-Z,54nm,13.0s		MLR	
BARN	Barnard Glacie	48.38 39 IAMB	IAMB	04 27 00.0
YAH	Yahtse	48.49 40 IAMB	IAMB	04 27 13.4
CTGM	Chitina Glacie	48.55 39 IAMB	IAMB	04 27 20.6
KBK	Karagaybulak	48.62 295 P	P	04 26 54.3 +0.7
CHMS	Chumysh	48.62 296 P	P	04 26 53.7 +0.2
KZA	Kyzart	48.64 294 P	P	04 26 55.3 +1.3
USP	Ospenovka	48.69 296 P	P	04 26 54.3 +0.3
DANN	Dangings	48.75 274 eP	P	04 26 55.6 +0.6
AAK	Ala-Archa	48.94 295 P	P	04 26 56.3 +0.2
AAK	Ala-Archa	48.94 295 iP	P	04 26 56.1 +0.1
AAK	Ala-Archa	48.94 295 P	P	04 26 55.1 -1.0
AAK	Ala-Archa	48.94 295cP	P	04 26 56.1 +0.1
AAK	comp-Z,38nm,1.7s		Pmax	
AAK	Ala-Archa	48.94 295 P	P	04 26 55.8 -0.3
KSM	Kuching	49.11 224 P	P	04 26 59.0
KSM	Kuching	49.11 224 P	P	04 26 58.4 +1.0
KOLN	Koldanda	49.18 273 eP	P	04 26 58.4 +0.3
KSH	Kashi	49.18 291 P	P	04 27 02.3 +4.4
KSH	comp-Z,33nm,1.0s		Pmax	
KSH	comp-Z,110nm,3.3s		Pmax	
KSH	comp-Z,500nm,12.6s		LR	LR
KSH	comp-Z,180nm,6.8s		LR	LR
KSH	comp-Z,800nm,18.1s		LR	LR
EPYK	Eagle Plains	49.37 32 P	P	04 27 00.2 +1.3
EKS2	Erkin-Say	49.41 295 P	P	04 26 59.9 +0.3
PYUN	Piuthan	49.46 274 eP	P	04 27 00.7 +0.4
AML	Almayashu	49.68 295 P	P	04 27 02.6 +0.6
INK	Inuvik	50.15 29 P	P	04 27 05.5 +0.9
KAPI	Kappang	50.64 209 P	P	04 27 10.0 +1.0
KAPI	Kappang	50.64 209 P	P	04 27 09.8 +0.8
KAPI	comp-Z,27nm,1.0s		Pmax	
KAPI	Kappang	50.64 209 IAMB	IAMB	04 27 09.8 +0.8
KAPI	comp-Z,27nm,0.9s		Pmax	
DZA	Taraz	50.97 297 fP	P	04 27 11.4 +0.1
DZA	comp-Z,28nm,0.7s,baz=296		Pmax	
DZA	Taraz	50.97 297 cP	P	04 27 11.4 +0.1
DZA	comp-Z,28nm,0.7s		Pmax	
KK31	Karatay Array	51.43 297 P	P	04 27 13.6 -1.1
KKAR	Karatay Array	51.43 297 P	P	04 27 14.0 -0.7
KKAR	Karatay Array	51.43 297 P	P	04 27 14.0 -0.7
KKAR	Karatay Array	51.43 297 IAMB	IAMB	04 27 15.4
KULM	Kulim	51.63 237 P	P	04 27 18.0
WHY	Whitehorse	51.68 39 IAMB	IAMB	04 27 38.6
SKAG	Skagway	51.85 40 IAMB	IAMB	04 27 40.0
A36M	Sachs Harbour	51.89 23 P	P	04 27 18.3 +0.6
IPM	Ipo	52.02 236 IAMB	IAMB	04 27 20.2
IPM	Ipo	52.02 236 P	P	04 27 20.0
IUG	Iuzhny	52.15 296 fP	P	04 27 20.5 +0.2
IUG	Iuzhny	52.15 296 cP	P	04 27 20.4 +0.2
IUG	comp-Z,28nm,1.3s		Pmax	
SVE	Sverdlovsk	52.18 317 fP	Pmax	04 27 20.7 +0.7
SVE	comp-Z,75nm,0.9s		Pmax	
MYKOM	Kota Tinggi	52.44 231 IAMB	IAMB	04 27 24.2
MYKOM	Kota Tinggi	52.44 231 P	P	04 27 24.0
BTK	Batken	52.53 294 IAMB	IAMB	04 27 32.1
C36M	Paulutuk	53.13 26 P	P	04 27 27.4 +0.6
MMRI	Maumere	53.17 205 P	P	04 27 28.5 +0.7
ARU	Arti	53.39 317 cP	P	04 27 29.0 0.0
ARU	comp-Z,175nm,0.9s		PP	04 27 44.3 -0.5
ARU	comp-Z,28nm,1.3s,baz=296		S	04 28 35.5 +2.8
ARU	comp-Z,51nm,0.9s		SS	04 38 32.9 -3.4
ARU	comp-Z,531nm,17.0s		MLR	MLR
ARU	Arti	53.39 317 P	P	04 27 29.0 0.0
NIL	Nilore	53.82 285 P	P	04 27 33.5 +1.0
NIL	comp-Z,57nm,0.9s		Pmax	
RPSI	Rantau Rempat	54.72 237 P	P	04 27 33.5 +1.0
RPSI	comp-Z,21nm,0.8s		IAMB	IAMB
RPSI	Dease Lake	54.78 40 IAMB	IAMB	04 28 41.2 0.0
RGR1	Rengat	55.05 231 P	P	04 28 02.0
MTN	Manton Dam	55.06 193 P	P	04 27 39.3 -2.2
COEN	Coen	55.24 179 IAMB	IAMB	04 27 41.3 -0.2
COEN	comp-Z,19nm,0.7s		P	04 27 43.8 +1.1
COEN	comp-Z,25nm,1.2s		P	04 27 45.2
BKNI	Bangkinang	55.28 233 P	P	04 27 44.6 +1.4
ABKAR	Akbulak array	55.51 308 P	P	04 27 43.9 -0.6
MNSI	Mandailing Nat	55.79 235 P	P	04 27 46.5 -0.4
SDSI	Sungai Dareh	56.05 232 P	P	04 27 49.5 +0.8
SPA0	Spitsbergen Ar	56.21 348 fP	P	04 27 49.0 -0.1
KBS	Kingsbay	56.31 350cP	Pmax	04 27 50.2 +0.5
KBS	comp-Z,55nm,1.3s		Pmax	
KBS	Kingsbay	56.31 350 P	P	04 27 49.8 +0.1
KBS	Kingsbay	56.31 350 fP	P	04 27 50.4 +0.7
KBL	Kabul	56.40 289 P	P	04 27 50.9 -0.4
KBL	comp-Z,40nm,0.9s		Pmax	
KBL	Kabul	56.40 289 P	P	04 27 50.5 -0.8
KBL	comp-Z,18nm,0.9s		Pmax	
KBL	Nord	56.58 356 fP	P	04 27 50.5 -0.5
KBL	comp-Z,25nm,1.0s		Pmax	

NOR	Nord	56.58 356 fP	P	04 27 51.2 -0.5
NOR	comp-Z,25nm,1.0s		Pmax	
KIRV	Kirov	57.01 321 fP	P	04 27 55.0 0.0
HSPB	Hornsund (broa	57.15 348 fP	P	04 27 56.0 +0.3
LHSI	Laht	57.21 328 P	P	04 27 58.0 +1.1
PRGR	Pergomere	57.31 326 eP	P	04 27 56.4 -0.6
PRGR	comp-Z,60nm,0.9s		Pmax	
MDSI	Maura Dua	57.39 227 P	P	04 27 58.6 +0.4
LVZ	Lovozero	58.23 335 P	P	04 28 02.4 -1.1
LVZ	comp-Z,19nm,0.8s		Pmax	
LVZ	Lovozero	58.23 335 P	P	04 28 02.4 -1.1
LVZ	comp-Z,19nm,0.8s		IAMB	IAMB
LVZ	comp-Z,19nm,0.8s		IAMB	IAMB
KNRA	Kununnura	58.26 195 P	P	04 28 03.9 -0.2
APA	Apaituy	58.81 335 fP	P	04 28 05.0 -2.4
APA	comp-Z,16nm,0.9s		MLR	MLR
APA	comp-Z,300nm,19.0s		MLR	MLR
HYBC	Hyderabad	58.95 266 iP	P	04 28 08.0 -1.2
TMCR	Tamitsa	59.07 330 eP	P	04 28 08.9 -0.3
TMCR	comp-Z,61nm,0.8s		Pmax	
YKA	Yellowknife Ar	59.66 32 P	P	04 28 13.8 +0.4
ARCES	ARCESS Array B	59.98 339 P	P	04 28 15.0 -0.5
ARCES	comp-Z,9.8nm,0.8s,baz=44,slow=5.8,SNR=16		LR	04 58 55.1
ARCES	ARCESS Array B	59.98 339 P	P	04 28 15.1 -0.4
ARCES	ARCESS Array B	59.98 339 P	P	04 28 15.1 -0.4
AREO	ARCESS Array S	59.98 339 fP	P	04 28 15.2 -0.3
KLMR	Klimovskoe	60.26 327 eP	P	04 28 15.9 -1.5
KLMR	comp-Z,73nm,1.3s		Pmax	
KLMR	Klimovskoe	60.26 327 eP	P	04 28 16.0 -1.5
KLMR	comp-Z,73nm,1.3s		AMP	04 28 18.4
KLMR	comp-Z,73nm,1.3s		ePP	04 30 29.2 -1.2
KLMR	comp-Z,73nm,1.3s		LQ	04 51 10.3
KLMR	comp-Z,73nm,1.3s		LQ	04 51 10.3
KLMR	comp-Z,73nm,1.3s		LQ	04 53 34.4
TULEG	Thule	60.56 8 P	P	04 28 18.5 -0.8
HRJA	Herat	61.27 292 P	P	04 28 24.7 -0.3
FITZ	Fitzroy Crossi	61.28 198 IAMB	IAMB	04 28 26.3
DAG	comp-Z,24nm,1.2s		P	04 28 24.3 -0.2
DAG	Danmarks Havn	61.33 355 fP	P	04 28 24.3 -0.2
DAG	comp-Z,45nm,0.8s		Pmax	
DAG	Danmarks Havn	61.33 355 fP	P	04 28 24.3 -0.2
DAG	comp-Z,45nm,0.8s		Pmax	
WRAB	Warramunga Arr	61.42 188 P	P	04 28 25.4 -0.5
WRAB	Tennant Creek	61.59 188 P	P	04 28 26.5 -0.5
WRAB	comp-Z,27nm,0.9s		Pmax	
WRAB	Tennant Creek	61.59 188 P	P	04 28 26.5 -0.5
WRB2	Warramunga Arr	61.60 188 P	P	04 28 26.6 -0.4
WRA	Warramunga Arr	61.60 188 P	P	04 28 26.5 -0.6
WRA	comp-Z,25nm,0.8s,baz=4.3,slow=7.0,SNR=58		LR	04 54 55.8
WRA	comp-Z,62nm,21.9s,baz=280,slow=36		P	04 28 25.8 -1.3
WRA	Warramunga Arr	61.60 188 P	P	04 28 26.4 -0.2
TR0	Troie	61.63 341 fP	P	04 28 31.1 0.0
GEYT	Alibek	62.18 297 P	P	04 28 31.1 0.0
GEYT	comp-Z,39nm,0.7s,baz=29,slow=3.4,SNR=42		LR	04 57 50.7
GEYT	comp-Z,276nm,18.3s,baz=105,slow=38		P	04 28 31.0 0.0
GEYT	Alibek	62.18 297 P	P	04 28 30.4 -0.5
GYA0B	ALIBECK ARRAY	62.18 297 P	P	04 28 30.4 -0.5
D03D	Eldon	63.68 49 P	P	04 28 41.9 +1.2
STEI	Steigen	63.79 340 fP	P	04 28 40.7 -0.4
B05A	Bryant	63.83 48 P	P	04 28 42.4 +0.8
MOS	Moscow	63.97 322 eP	P	04 28 41.2 -1.2
MOS	comp-Z,174nm,22.0s,baz=35,slow=38		Pmax	
MOS	Moscow	63.97 322 eP	P	04 28 58.7
MOS	comp-Z,117nm,19.9s,baz=145,slow=38		Pmax	
MOS	Moscow	63.97 322 eP	P	04 29 14.5
D04E	Lakebay	64.06 49 P	P	04 28 44.4 +1.3
LOF	Lofoten	64.06 341 fP	P	04 28 42.8 0.0
FAUS	Faust	64.19 340 fP	P	04 28 43.5 -0.2
E04D	Cinebar	64.52 50 P	P	04 28 47.3 +1.1
VRH	Novokhopovsk	64.63 317 eP	P	04 28 46.3 -0.5
VRH	comp-Z,50nm,0.6s		Pmax	
OBN	Obninsk	64.83 322cP	P	04 28 47.8 -0.2
OBN	comp-Z,27nm,1.0s		Pmax	
OBN	Obninsk	64.83 322cP	P	04 29 06.0
OBN	comp-Z,27nm,1.0s		eS	04 29 19.8
OBN	Obninsk	64.83 322cP	P	04 37 30.1 +6.1
OBN	comp-Z,80nm,1.3s		SS	04 41 33.4 -2.0
OBN	comp-Z,223nm,17.0s		Pmax	
OBN	Obninsk	64.83 322 P	P	04 28 47.5 -0.5
FIAT	FINESS Array B	65.08 332 P	P	04 28 49.4 -0.2
FINES	FINESS Array S	65.09 332 P	P	04 28 49.3 -0.3
FINES	comp-Z,39nm,0.6s,baz=46,slow=8.2,SNR=143		LR	04 59 29.4
FINES	comp-Z,390nm,20.1s,baz=42,slow=38		LR	04 59 29.4
LPSR	Galich ya Gora	65.21 319 eP	P	04 28 50.3 -0.3
LPSR	comp-Z,50nm,0.8s		Pmax	
B08A	Colville Reser	65.30 47 P	P	04 28 50.9 -0.4
ASAR	Alice Springs	65.33 188 P	P	04 28 51.7 +0.1
ASAR	comp-Z,13nm,0.8s,baz=5.4,slow=5.6,SNR=60		LR	04 57 20.1
ASAR	comp-Z,65nm,20.5s,baz=352,slow=36		P	04 28 51.0 -0.6
VSR	Storozhevoye	65.92 318 eP	P	04 28 54.9 -0.2
VSR	comp-Z,60nm,0.6s		Pmax	
VSR	Storozhevoye	65.92 318 eP	P	04 28 54.9 -0.2
VSR	comp-Z,60nm,0.6s		Pmax	
VORD	Divnogorie	66.00 318 eP	P	04 28 55.5 -0.2
VORD	comp-Z,40nm,0.9s		Pmax	
SUMG	Summit	66.17 0 fP	P	04 28 57.8 +0.9
SUMG	comp-Z,183nm,0.9s		Pmax	
SUMG	Summit	66.17 0 fP	P	04 28 57.8 +0.9
SUMG	comp-Z,180nm,0.9s		Pmax	
SUMG	Summit	66.17 0 P	P	04 28 57.7 +0.7
I04A	Tendick Farm,	66.18 52 P	P	04 28 57.9 +0.8
NEW	Newport	66.55 46 P	P	04 28 59.5 +0.1
NEW	comp-Z,9.0nm,0.8s		Pmax	
NEW	Newport	66.55 46 P	P	04 28 60.0 +0.7
NEW	comp-Z,9.0nm,0.8s		Pmax	
NEW	Newport	66.55 46 P	P	04 28 59.5 +0.1
J04D	Umpqua Nationa	66.58 52 P	P	04 29 01.5 +1.0
VSU	Vasula	66.85 329 eP	P	04 29 01.1 +0.2
VSU	comp-Z,126nm,0.8s		Pmax	
VSU	Vasula	66.85 329 fP	P	04 29 00.9 -0.1
VSU	comp-Z,126nm,0.8s		Pmax	
AKT	Akhty	66.86 305 eP	P	04 29 01.8 +0.3
AKT	comp-Z,172nm,0.8s		ePP	04 29 17.2 -0.6
AKT	Akhty	66.86 305 eP	P	04 29 17.2 -0.6
AKT	comp-Z,172nm,0.8s		eSP	04 29 24.7 +0.1
AKT	Akhty	66.86 305 eP	P	04 31 29.9
AKT	comp-Z,30nm,1.0s		Pmax	
AKT	Akhty	66.86 305 eP	P	04 31 27.0
GROC	Groznyy	67.02 308 eP	P	

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like ARXS, SATY, ZSN, KOTS, MDOK, etc.

BGS 25 06:42:46.2, 5.48, 49N, 5.21W, h5km, ML2.2
LDG 25 06:42:48.3, 2.5, 48.52N, 5.00W, h5km, Md3.0/18,
Error ellipse: s-maj=3.2km s-min=2.3km az=148.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like ROSF, SGMF, CCA1, JSA, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like LOR, SMF, ETSF, etc.

IDC 25 06:55:19.5, 3.5, 25.49S, 175.18W, h0km, mb4.0/5,
mb1 4.4/5, mb1mx4.0/26, mbtmp4.0/5, MS3.1/4, Ms1 3.1/4,
ms1mx2.7/25, Error ellipse: s-maj=239.6km s-min=26.7km
az=160.0

NEIC 25 06:55:20.1, 2.9, 25.17S, 0.05, 175.17W, 0.1, h10km, 1km,
mb4.5/7, Error ellipse: s-maj=18.0km s-min=9.1km
az=84.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, WR0, WB2, WRA, etc.

DDA 25 07:06:50.5, 39.13N, 29.10E, h7km, 1km, MW2.6
ISK 25 07:06:50.6, 39.11N, 29.12E, h6km, ML2.3/13

ISC 25 07:06:50.8, 0.9, 39.12N, 0.03, 29.10E, 0.03, h12km, 8km,
n21, 0.955/25, Turkey

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like SIMA, GEDZ, TVSB, etc.

SNET 25 07:10:26.9, 0.8, 14.75N, 89.77W, h252km, 13km, ML4.3
NEIC 25 07:10:29.0, 1.9, 14.41N, 0.09, 89.94W, 0.08, h255km, 2km,
mb4.3/61, Error ellipse: s-maj=13.7km s-min=9.7km
az=217.0

GCG 25 07:10:52.0, 0.3, 14.68N, 89.96W, h55km, 10km, MD3.2
ISC 25 07:10:28.5, 0.6, 14.42N, 0.06, 89.92W, 0.07, h254km, 5km,
n115, 0.190/124, mb4.2/22, 6C-8D, Guatemala

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like CAVI, MDNY, KCTX, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like FUG, UEES, PAVA, etc.

comp=Z,2.0m,0.2s
BOACO Broadband

comp=Z,1.3nm,0.8s
Crawfordville

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like LRAL, WHTX, WLAR, etc.

comp=Z,6.5nm,0.8s
Ozark Folk Center

comp=Z,1.1nm,1.3s
Smith Brothers

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like MIAR, UALR, X37A, etc.

comp=Z,13nm,1.4s
Whimbita Mountain

comp=Z,6.5nm,0.6s
Tuckaleechee C

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like S44A, S39A, V58A, etc.

Table with columns: AC02, AC05, CO02, MT02, ANGG, etc. and values for Maricunga, El Transito, Combarbal, Curacav, Ammassalik, Gr.

ISK 25 07:12:20.2,39:13N:29:16E,h8km,ML2.3/13
DDA 25 07:12:20.3,39:13N:29:07E,h7km,3km,MW2.5
ISC 25 07:12:20.5,0.9,39:13N:0.02:29:13E:0.03,h13km,7km,
n24,-0.958/34,Turkey

Main table for 25d 8h with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like SIMA, GEDZ, TVSB, USAK, etc.

IDC 25 08:26:38.1:58.0,21:16S:-178:30W,h0km,mb4.1/3,
s-maj=1050.0km s-min=151.7km az=84.0, Fiji Islands
region

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

BUI 25 08:32:35.8:0.0,25:22S:174:95W,h5km,mb5.3/3,
mb5.2/14, Ms5.1/3, Ms7.4/2
GCMT 25 08:32:38.5:0.4,25:39S:0.0:174:84W:0.02,h20km,1km,
MW4.8/74, Moment Tensor Solution, s17,c19; s74,c91;

MOS 25 08:32:39.7:1.6,25:39S:175:41W,h28km,mb5.1/15 Error
ellipse: s-maj=13.7km s-min=1.1km az=94.8
NEIC 25 08:32:40.5:1.7,25:41S:0.08:175:20.1/1,h31km,3km,
mb5.0/42, Error ellipse: s-maj=16.1km s-min=1.1km
az=95.0

IDC 25 08:32:40.6:4.0,25:28S:175:41W,h27km,26km,mb4.4/17,
mb1.4/6/19,mb1mx4.5/29,mbmp4.6/19,ML4.3/2,MS3.7/22,
Ms1.3/7/22,ms1mx3.6/37, Error ellipse: s-maj=17.9km
s-min=13.5km az=138.0

ISC 25 08:32:41.5:0.3,25:42S:0.06:175:17W:0.07,h35km,
n236,0.19:25/223,mb4.9/50,MS4.0/24,8C-8D, South of
Tonga Islands

Main table for 25d 8h (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like RAO, RAOU, NIUE, MSFV, etc.

Main table for 2014 JUL with columns: CMTA, CTAO, RKT, MTSU, STKA, etc. and values for Cobar Meteorol, Charters Tower, Rikitea, Mount Surprise, etc.

Main table for 1192 with columns: PETK, GLA, CWC, GSC, HEC, etc. and values for Petropavlovsk-Glamis, Cottonwood Cre, Goldstone, Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDCO Great Sand Dun, BW06 Boulder Array, PDAR Pinedale Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WR0 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

VSU	Vasula	36.25 321	i P	P	10 04 46.4 +0.3
VSU	comp=Z,19nm,0.8s				
LVV	L'vov	36.30 306	eP	P	10 04 45.3 -1.5
VTS	Vitoshia	37.13 294	iP	P	10 04 51.8 -2.2
VTS	Vitoshia	37.13 294	iP	P	10 04 51.8 -2.2
TRPA	Tarpa	37.25 304	iP	P	10 04 56.5 +1.8
IDI	Anoyia	37.34 282	iP	P	10 04 55.3 -0.5
IDI	comp=Z,11nm,1.0s				10 05 00.6
KOLS	Kolonicki sedl	37.42 305	eP	P	10 04 58.0 +1.7
KOLS	comp=Z,6.0nm,0.8s				
KOLS	Kolonicki sedl	37.42 305	eP	P	10 04 58.0 +1.7
LVZ	Lovozero	37.43 338	eP	P	10 04 57.7 -0.4
LVZ	comp=Z,4.0nm,1.4s				
LVZ	Lovozero	37.43 338	eP	P	10 04 57.7 -0.4
FIA1	FINESS Array S	37.52 326	iP	P	10 04 57.4 +0.6
FIA1	comp=Z,7.3nm,0.8s				10 04 58.5
FINES	FINESS Array B	37.52 326	iP	P	10 04 57.8 +0.9
FINES	comp=Z,4.8nm,0.4s,baz=124,slow=9.5,SNR=48				
FINES	FINESS Array B	37.52 326	iP	P	10 04 57.5 +0.6
SIFR	Siria	37.91 301	iP	P	10 05 03.5 +3.1
BZS	Buzias	37.92 301	iP	P	10 05 02.1 +1.8
BZS	Buzias	37.98 300	iP	P	10 05 02.8 +1.8
MVDR	Moldavia	37.99 298	iP	P	10 05 02.0 +0.9
NIE	Niedzica	38.72 306	eP	P	10 05 09.5 +2.4
PSZ	Piskzesteto	39.03 303	iP	P	10 05 12.2 +2.5
PSZ	Piskzesteto	39.03 303	iP	P	10 05 12.2 +2.5
PSZ	Piskzesteto	39.03 303	iP	P	10 05 12.2 +2.5
PSZ	comp=Z,5.2nm,0.7s				10 05 12.6
OJC	Ojcow	39.04 307	eP	P	10 05 10.9 +1.2
OJC	Ojcow	39.04 307	eP	P	10 05 08.3 -1.4
OJC	comp=Z,10.0nm,0.7s				
OJC	Ojcow	39.04 307	eP	P	10 05 08.3 -1.4
NJ2	Nanjing	39.18 82	eP	P	10 05 11.5 +0.4
NJ2	comp=Z,13nm,0.5s				
LANS	Liptovska Anna	39.27 305	eP	P	10 05 14.3 +2.6
LANS	Liptovska Anna	39.27 305	eP	P	10 05 14.3 +2.6
DIVS	Divivare	39.29 297	eP	P	10 05 13.5 +1.5
VYHS	Vyhne	39.71 304	eP	P	10 05 17.4 +2.1
VYHS	comp=Z,4.0nm,1.2s				
VYHS	Vyhne	39.71 304	eP	P	10 05 17.4 +2.1
JAVC	Velka Javorina	40.46 305	eP	P	10 05 24.0 +2.5
MORC	Moravsky Berou	40.50 306	iP	P	10 05 23.0 +2.1
MORC	Moravsky Berou	40.50 306	iP	P	10 05 23.4 +1.6
MORC	Moravsky Berou	40.50 306	iP	P	10 05 23.9 +2.1
MORC	Moravsky Berou	40.50 306	iP	P	10 05 21.8 0.0
MORC	comp=Z,9.2nm,0.8s				10 05 24.4
MODS	Modra-Piesok	40.75 304	eP	P	10 05 24.6 +0.7
MODS	comp=Z,10.0nm,1.1s				
MODS	Modra-Piesok	40.75 304	eP	P	10 05 24.6 +0.7
ARCES	ARCCESS Array B	41.12 337	iP	P	10 05 27.6 +1.0
ARCES	comp=Z,6.8nm,0.7s,baz=115,slow=8.4,SNR=30				
VRAC	Vranov	41.14 306	iP	P	10 05 29.0 +2.0
VRAC	comp=Z,7.8nm,0.7s,baz=96,slow=9.2,SNR=9.1				
VRAC	Vranov	41.14 306	iP	P	10 05 29.5 +2.4
VRAC	Vranov	41.14 306	iP	P	10 05 29.0 +2.0
VRAC	Vranov	41.14 306	iP	P	10 05 29.5 +2.4
DPC	Dobruska-Polom	41.27 307	eP	P	10 05 29.9 +1.8
DPZ	Dobruska-Polom	41.27 307	eP	P	10 05 29.9 +1.8
KRUC	Krakov	41.29 305	iP	P	10 05 29.9 +1.7
UPC	Udice	41.46 308	eP	P	10 05 31.4 +1.8
UPC	Udice	41.46 308	eP	P	10 05 31.4 +1.8
CONA	Conrad Observa	41.73 304	iP	P	10 05 33.8 +1.9
TREC	Trest	41.87 306	eP	P	10 05 34.8 +1.9
TREC	Trest	41.87 306	eP	P	10 05 34.8 +1.9
ARSA	Arzberg	42.03 303	iP	P	10 05 35.8 +1.5
ARSA	comp=Z,4.9nm,0.9s				
BSD	Bornholm Skovb	42.11 314	iP	P	10 05 34.8 +0.1
BSD	Bornholm Skovb	42.11 314	iP	P	10 05 34.8 +0.1
BSD	Bornholm Skovb	42.11 314	iP	P	10 05 34.8 +0.1
BSD	comp=Z,3.0nm,0.3s				
GROS	Grabnik	42.14 302	iP	P	10 05 36.6 +1.3
GOPC	GO Pecny, Ondr	42.28 307	eP	P	10 05 38.0 +1.8
GOPC	GO Pecny, Ondr	42.28 307	eP	P	10 05 38.0 +1.8
PRU	Pruhonice	42.43 307	eP	P	10 05 38.9 +1.5
PRU	Pruhonice	42.43 307	eP	P	10 05 38.9 +1.5
SOKA	Soboth	42.43 302	iP	P	10 05 39.4 +1.8
SOKA	comp=Z,9.5nm,0.6s,SNR=11				
BRG	Bergsihthubel	42.75 308	iP	P	10 05 41.5 +1.4
BRG	comp=Z,11nm,0.8s				
MOA	Molin	42.81 304	iP	P	10 05 41.7 +1.2
MOA	comp=Z,11nm,1.0s,SNR=7.7				
MOZS	Mozejan 301	42.88 301	iP	P	10 05 42.9 +1.7
GERES	GERESS Array B	43.08 305	iP	P	10 05 44.1 +1.3
GERES	comp=Z,1.3nm,0.5s,baz=79,slow=8.3,SNR=12				
GERES	GERESS Array B	43.08 305	iP	P	10 05 42.4 -0.4
KHC	Kasperske Hory	43.13 306	eP	P	10 05 45.1 +2.0
KHC	Kasperske Hory	43.13 306	eP	P	10 05 44.1 +1.0
KHC	comp=Z,7.0nm,2.5s				
TRO	Tromso	43.25 336	eP	P	10 05 44.9 +1.2
CLL	Collm	43.32 309	iP	P	10 05 45.6 +1.1
CLL	comp=Z,7.0nm,0.8s				
CLL	Collm	43.32 309	iP	P	10 06 22.0 -2.0
CLL	Collm	43.32 309	iP	P	10 05 45.6 +1.1
CLL	Collm	43.32 309	iP	P	10 06 22.0 -2.0
CADS	Cadrq	43.38 301	iP	P	10 05 46.3 +1.1
PRED	Cave del Predi	43.47 302	iP	P	10 05 46.5 +0.6
KBA	Koelnbreinsper	43.52 303	iP	P	10 05 47.7 +1.2
FAUS	Fauske	43.81 332	eP	P	10 05 48.9 +0.7
STEL	Steigen	43.97 333	eP	P	10 05 50.2 +0.7
STAL	STALIGIAL	44.08 302	iP	P	10 05 51.7 +0.9
STAL	comp=Z,9.0nm,0.8s				10 05 52.2
ABTA	Abfaltersbach	44.14 302	iP	P	10 05 52.4 +1.1
ABTA	comp=Z,3.7nm,0.9s				
NC405	NORSAR Array S	44.20 323	iP	P	10 05 51.4 0.0
NC405	comp=Z,18nm,0.8s				10 05 52.9
NC602	NORSAR Array S	44.25 323	iP	P	10 05 50.7 -1.1
NC602	comp=Z,18nm,20.3s,baz=160,slow=35				
CIMO	Cimolais	44.26 302	iP	P	10 05 52.5 +0.3
CIMO	comp=Z,10nm,0.7s				10 05 53.8
NC303	NORSAR Array S	44.38 323	iP	P	10 05 53.6 +0.8
NB201	NORSAR Array S	44.44 323	iP	P	10 05 53.4 +0.4
KONS	Konsvik	44.42 331	eP	P	10 05 53.9 +0.8
NB2	NORSAR Subarra	44.44 323	iP	P	10 05 53.3 -0.1
NB2	comp=Z,7.0nm,0.5s,baz=97,slow=7.9				
NB2	NORSAR Subarra	44.44 323	iP	P	10 05 53.3 -0.1
NOA	NORSAR Array B	44.44 323	iP	P	10 05 53.5 +0.2
NOA	comp=Z,6.5nm,0.5s,baz=96,slow=7.7,SNR=82				
NAO01	NORSAR Array A	44.58 323	iP	P	10 05 53.9 -0.6
NAO01	comp=Z,10nm,0.8s				10 05 55.5
GRF	Grafenberg Arr	44.60 307	eP	P	10 05 56.6 +2.0
GRF	comp=Z,11nm,0.8s,baz=83,slow=8.7				
NB000	NORSAR Array A	44.65 323	iP	P	10 05 55.4 +0.4
NB000	comp=Z,19nm,0.7s				10 05 56.0
WTTA	Wattenberg	44.65 303	iP	P	10 05 56.1 +0.7
WTTA	comp=Z,5.5nm,0.6s				
NC204	NORSAR Array S	44.67 323	iP	P	10 05 55.6 +0.4
WATA	Walderalm	44.68 303	eP	P	10 05 56.7 +1.1
WATA	comp=Z,3.4nm,0.5s				
CTI	Castel Tesino	44.84 301	iP	P	10 05 57.7 +0.8
CTI	comp=Z,8.0nm,0.6s				10 05 58.5
CTI	Castel Tesino	44.84 301	iP	P	10 05 57.7 +0.8
CTI	Castel Tesino	44.84 301	iP	P	10 05 57.7 +0.8
SQTA	Sankt Quirin	44.95 303	iP	P	10 05 55.7 -2.0
SQTA	comp=Z,8.5nm,0.6s				
MOTA	Moosalm	45.00 303	iP	P	10 05 58.4 +0.2
MOTA	comp=Z,8.3nm,0.9s				
KONO	Kongsberg	45.15 321	eP	P	10 05 59.4 +0.4

RETA	Reutte	45.20 304	eP	P	10 06 00.2 +0.5
RETA	comp=Z,2.8nm,0.5s				
FETA	Feichten	45.30 303	iP	P	10 06 01.1 +0.5
FETA	comp=Z,4.8nm,0.5s				
DOMB	Domburg	45.54 324	eP	P	10 06 01.6 -0.5
HOMB	Homborsund	45.69 319	eP	P	10 06 03.9 -0.7
DAVA	Damuels	45.83 304	iP	P	10 06 05.4 +0.8
DAVA	comp=Z,16nm,0.5s,SNR=12				
SKAR	Skarslia	45.83 322	eP	P	10 06 05.6 +1.2
SKAR	Stuetta	46.33 302	iP	P	10 06 09.0 +0.3
AKN	Aknes	46.52 324	eP	P	10 06 10.3 +0.7
BLSS	Blasio	46.75 321	eP	P	10 06 13.3 +1.8
KMY	Karmoy	47.37 320	eP	P	10 06 17.5 +1.2
SPITS	Spitsbergen Ar	47.42 347	eP	P	10 06 18.1 +1.6
SPITS	comp=Z,5.7nm,0.7s,baz=116,slow=11,SNR=7.4				
SENIN	San Senin/Sane	47.74 303	iAmb	P	10 06 19.5 -0.1
SENIN	comp=Z,9.0nm,0.8s				10 06 21.4
MEM	Membach	47.79 309	iP	P	10 06 20.9 +1.2
TUE	Wallerdange	47.87 307	iP	P	10 06 21.9 +1.7
KBS	Kingsbay	48.53 347	eP	P	10 06 26.1 +1.2
KBS	comp=Z,7.0nm,0.8s				
KBS	Kingsbay	48.53 347	eP	P	10 06 26.1 +1.2
KBS	Kingsbay	48.53 347	eP	P	10 06 27.2
BMRD	Mareduos	48.62 308	iP	P	10 06 27.5 +1.5
KEST	Kesra	49.25 289	iP	P	10 06 32.8 +1.7
KEST	comp=Z,3.5nm,0.5s,baz=94,slow=1.9,SNR=5.8				
KEST	Kesra	49.25 289	iP	P	10 06 33.7
EKA	Eskdaleimur Ar	52.38 316	iP	P	10 06 54.3 +0.3
EKA	comp=Z,2.6nm,0.6s,baz=88,slow=7.9,SNR=12				
ESDC	Sonsecq Array	57.64 298	eP	P	10 07 32.7 +0.6
ESDC	comp=Z,3.5nm,0.5s,baz=98,slow=7.0,SNR=24				
ESDC	Sonsecq Array	57.64 298	eP	P	10 07 32.6 +0.6
SUMG	Summit	61.02 341	iP	P	10 07 56.7 +1.6
SUMG	comp=Z,13nm,0.7s				
SUMG	Summit	61.02 341	iP	P	10 07 56.6 +1.6
TOAO	Torodi Ar. Sit	66.00 269	iP	P	10 08 25.9 -1.2
TOAO	comp=Z,8.7nm,0.8s				10 08 27.6
TORD	Torodi Ar. Bea	66.00 269	iP	P	10 08 26.8 -1.3
TORD	comp=Z,9.9nm,0.7s,baz=84,slow=5.9,SNR=75				
TORD	Torodi Ar. Bea	66.00 269	iP	P	10 08 26.9 -1.2
INK	Inuvik	73.72 9	iP	P	10 09 14.9 +0.6
INK	comp=Z,2.6nm,0.6s,baz=35,slow=5.3,SNR=5.9				
INK	Inuvik	73.72 9	iP	P	10 09 15.5
PSA00	Pilbara Seismi	78.13 133	iP	P	10 09 15.7 +0.2
PSA00	comp=Z,17nm,1.5s				10 09 25.5
COLA	College	74.26 16	iP	P	10 09 17.1 -0.4
COLA	comp=Z,9.0nm,0.3s				
COLA	College	74.26 16	iP	P	10 09 17.1 -0.4
ILAR	Eielson Array	74.27 16	iP	P	10 09 18.4 -1.0
ILAR	comp=Z,1.0nm,0.9s,baz=917,slow=4.0,SNR=1.1				
ILAR	Eielson Array	74.27 16	iP	P	10 09 18.8 -0.5
DBIC	Dimbork	74.98 267	iP	P	10 09 21.9 -0.6
DBIC	comp=Z,2.2nm,0.5s,baz=98,slow=6.3,SNR=6.6				
DBIC	Dimbork	74.98 267	iP	P	10 09 38.8
YKA	Beaver Creek A	77.16 15	iP	P	10 09 34.4 +0.3
YKA	comp=Z,2.4nm,0.5s,baz=352,slow=5.7,SNR=66				10 09 55.6 +0.3
WRA	Warramunga Arr	81.83 122	iP	P	10 10 42.0 +1.6
WRA	comp=Z,0.9nm,0.8s,baz=350,slow=6.0,SNR=2.9				
WRA	Warramunga Arr	81.83 122	iP	P	10 09 58.9 -0.9
WRA	comp=Z,1.2nm,0.4s,baz=34,slow=1.8,SNR=34				
WRA	Warramunga Arr	81.83 122	iP	P	10 10 47.2 +2.2
SCHO	Schefferville	82.07 337	iP	P	10 09 59.0 -0.8
SCHO	comp=Z,4.8nm,0.				

25d 10h

Table with station names and technical details like frequency, power, and SNR. Includes stations like BOSA, ASAR, ASAR Alice Springs, etc.

PGC 25 10:54:04.9.0.3.58:31N:136:99W h1km, mb4.7, ML5.3/1, ML5.3/1, 135km W of Haines, AK Southeastern Alaska

Main table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Lists stations like PLBC, BESE, BESE, etc.

2014 JUL

Main table with columns: Station Name, Az, El, Phase ID, ISC, Time, Res. Lists stations like RUBB, RUBB, RUBB, etc.

1196

Main table with columns: Station Name, Az, El, Phase ID, ISC, Time, Res. Lists stations like GOBB, GOBB, GOBB, etc.

1197

H17A	Grant Village baz=320,SNR=9.4	21.48 119	P	P	10 58 55.7 +0.7
H17A	Grant Village comp=Z,29nm,1.1s	21.48 119	IAMB	IAMB	10 59 03.2
RLMT	Red Lodge baz=318,SNR=25	21.54 116	P	P	10 58 55.7 +0.1
RLMT	Red Lodge comp=Z,34nm,0.9s	21.54 116	IAMB	IAMB	10 59 01.6
FLVY	Flagg Ranch	21.66 120	P	P	10 58 58.6 +1.7
FLWY	Flagg Ranch comp=Z,38nm,1.2s	21.66 120	IAMB	IAMB	10 59 12.0
IMW	Indian Meadow	21.70 120	P	P	10 58 59.8 +2.4
IMW	Indian Meadow comp=Z,39nm,0.9s	21.70 120	IAMB	IAMB	10 59 03.3
DGMT	Dagmar baz=309,SNR=9.2	21.75 103	P	P	10 58 58.0 +0.3
DGMT	Dagmar	21.75 103	P	P	10 58 58.8 +1.0
ATKA	Atka Island	21.79 270	P	P	10 58 58.7 +0.7
FXWY	Fox Creek comp=Z,18nm,1.5s	21.86 121	IAMB	IAMB	10 59 01.6 +2.5
PAHR	Pah Rah Range comp=Z,29nm,1.2s	21.87 141	IAMB	IAMB	10 59 14.9
LAO	LASA Array baz=313,SNR=9.9	21.91 109	P	P	10 58 59.3 -0.1
SNOW	Snow King Moun comp=Z,38nm,1.1s	22.12 121	IAMB	IAMB	10 59 06.7
REDW	Red Top Meadow	22.16 121	P	P	10 59 04.9 +2.6
EGR	Eagle Creek	22.17 122	P	P	10 59 05.7 +3.3
PNTR	Pine Nut comp=Z,19nm,0.9s	22.36 142	IAMB	IAMB	10 59 16.2
ELK	Elko comp=Z,25nm,1.1s,baz=332,slow=9.0,SNR=40.0	22.46 132	P	P	10 59 07.2 +1.7
ELK	Elko comp=Z,49nm,1.2s	22.46 142	IAMB	IAMB	10 59 10.5
RYN	Ryan	22.59 142	P	P	10 59 14.2 +1.8
BW06	Boulder Array baz=322,SNR=18	23.21 120	P	P	10 59 13.8 +0.4
BW06	Boulder Array comp=Z,23nm,1.4s	23.21 120	IAMB	IAMB	10 59 18.3
PD31	Pinedale Array comp=Z,6.5nm,0.9s,baz=325,slow=5.3,SNR=29	23.21 120	P	P	10 59 14.6 +1.2
PDAR	Pinedale Array comp=Z,6.5nm,0.9s,baz=325,slow=5.3,SNR=29	23.21 120	P	P	10 59 14.8 +1.5
PDAR	Pinedale Array	23.21 120	P	P	10 59 13.8 +0.5
HWUT	Hardware Ranch comp=Z,29nm,1.0s	23.25 125	IAMB	IAMB	10 59 17.8
NVAR	Mina Array Bea comp=Z,6.4nm,0.9s,baz=311,slow=8.7,SNR=27	23.38 140	P	P	10 59 16.6 +1.5
NVAR	Mina Array Bea	23.38 140	P	P	10 59 15.9 +0.8
NV11	Mina Array Sit comp=Z,27nm,1.1s	23.43 140	IAMB	IAMB	10 59 26.1
OMMB	Old Mammoth Hill	23.89 142	P	P	10 59 21.9 +1.7
DUG	Dugway, Toeole baz=328,SNR=21	23.89 129	P	P	10 59 22.9 +2.9
CTU	Camp Tracy	24.12 127	P	P	10 59 20.3 0.0
JLU	Jordanelle	24.12 126	P	P	10 59 23.8 +1.5
NLU	North Lily Min	24.40 128	P	P	10 59 25.7 +0.8
R11A	Troy Canyon, C baz=332,SNR=45	24.41 136	P	P	10 59 25.6 +0.7
R11A	Troy Canyon, C comp=Z,25nm,1.2s	24.41 136	IAMB	IAMB	10 59 28.0
MDND	Maddock baz=309	24.53 99	P	P	10 59 26.7 +1.0
TIN	Tinemaha, Big baz=336	24.65 142	P	P	10 59 27.0 0.0
K22A	Casper baz=320	24.71 116	P	P	10 59 27.4 -0.1
K22A	Casper comp=Z,23nm,1.2s	24.71 116	IAMB	IAMB	10 59 31.2
RSSD	Black Hills baz=317	24.81 111	P	P	10 59 28.7 +0.2
RSSD	Black Hills	24.81 111	P	P	10 59 29.9 +1.4
RSSD	Black Hills comp=Z,26nm,1.1s	24.81 111	IAMB	IAMB	10 59 32.3
GRAC	Grapevine Rang baz=335	24.99 140	P	P	10 59 30.7 +0.7
ULM	Lac du Bonnet comp=Z,16nm,0.9s,baz=298,slow=10,SNR=9.7	25.04 91	P	P	10 59 31.2 +1.0
ULM	Lac du Bonnet	25.04 91	P	P	10 59 29.9 -0.3
ULM	Lac du Bonnet	25.04 91	P	P	10 59 30.2 0.0
ULM	Lac du Bonnet	25.04 91	P	P	10 59 29.0 -1.2
ULM	Lac du Bonnet comp=Z,30nm,1.1s	25.04 91	IAMB	IAMB	10 59 32.9
RWWY	Rawlins comp=Z,27nm,1.5s	25.13 118	IAMB	IAMB	10 59 34.6
CWC	Cottonwood Cre baz=336	25.26 142	P	P	10 59 32.9 +0.4
TMUT	Trail Mountain	25.32 128	P	P	10 59 35.3 +2.1
P17A	Butcher Ranch	25.36 127	P	P	10 59 36.0 +2.5
TCRU	Three Creeks R	25.39 130	P	P	10 59 36.2 +2.4
TPNV	Topopah Spring baz=334,SNR=25	25.42 138	P	P	10 59 33.8 -0.2
TPNV	Topopah Spring	25.42 138	P	P	10 59 35.7 +1.7
TPNV	Topopah Spring comp=Z,20nm,0.9s	25.42 138	IAMB	IAMB	10 59 40.9
MSU	Marysvalc	25.58 130	P	P	10 59 38.4 +2.9
FURC	Furnace Creek, baz=332	25.64 140	P	P	10 59 37.3 +1.5
ILON	Igloolik, Nuna	25.70 42	P	P	10 59 36.6 +0.5
ILON	Igloolik, Nuna	25.70 42	P	P	10 59 36.0 0.0
MPMC	Manual Prospec baz=336,SNR=5.5	25.80 141	P	P	10 59 38.6 +1.1
ISA	Isabella, Lake baz=337	25.85 143	P	P	10 59 38.8 +1.1
ISA	Isabella, Lake comp=Z,17nm,1.4s	25.85 143	IAMB	IAMB	10 59 51.7
O20A	White River C1 baz=324	25.91 122	P	P	10 59 39.5 +1.0
CCUT	Cedar City	25.95 133	P	P	10 59 40.5 +1.7
AGMN	Agassiz Nation baz=308,SNR=8.7	26.20 94	P	P	10 59 40.9 0.0
AGMN	Agassiz Nation comp=Z,10nm,1.2s	26.20 94	IAMB	IAMB	10 59 42.9
PHWY	Pilot Hill comp=Z,31nm,1.3s	26.26 117	IAMB	IAMB	10 59 47.3
LRMC	Laurel Mtn Rad baz=337	26.27 142	P	P	10 59 43.3 +1.7
BILL	Bilibino	26.30 315	eP	P	10 59 43.4 +1.8
BILL	Bilibino comp=Z,15nm,1.5s	26.35 118	P	P	10 59 43.2 +0.7
N23A	Red Feather La baz=332	26.35 139	P	P	10 59 43.9 +1.6
SHOC	Shoshone, Tec baz=335	26.45 131	P	P	10 59 43.9 +0.3
PKCU	Pink Cliffs	26.45 131	P	P	10 59 43.9 +1.7
LCMT	Little Creek M	26.50 18	P	P	10 59 46.1 +2.8
EUNU	Eureka	26.50 18	P	P	10 59 43.1 -0.2
EUNU	Eureka comp=Z,8.4nm,0.8s	26.50 18	IAMB	IAMB	10 59 55.1
EPL0	Experimental L	26.50 90	P	P	10 59 43.6 +0.1
EPL0	Experimental L	26.50 90	P	P	10 59 43.0 -0.5
KNO	Kanab	26.62 133	P	P	10 59 43.0 -1.9
GSC	Goldstone, Bar baz=336	26.72 141	P	P	10 59 46.8 +1.1
GSC	Goldstone, Bar comp=Z,9.5nm,0.9s	26.72 141	IAMB	IAMB	10 59 58.3
TUQ	Turquoise Moun baz=335,SNR=11	26.89 139	P	P	10 59 49.2 +1.9
PV23	Carpenier Ridg comp=Z,22nm,1.4s	26.96 125	IAMB	IAMB	10 59 51.0
PV22	Blue Mesa, Par comp=Z,13nm,1.2s	26.98 125	IAMB	IAMB	10 59 51.1
PV14	Lion Creek, Pa comp=Z,18nm,1.5s	27.02 125	IAMB	IAMB	10 59 58.2
PV20	West Nyswonger	27.07 125	P	P	10 59 47.2 -1.7
PV20	West Nyswonger comp=Z,15nm,1.3s	27.09 125	P	P	10 59 48.5 -0.6
PV19	Morning Glory	27.09 125	P	P	10 59 48.5 -0.6
PV19	Morning Glory comp=Z,18nm,1.4s	27.11 125	P	P	10 59 49.0 -0.3
PV16	Nyswonger Mes comp=Z,18nm,1.4s	27.12 125	P	P	10 59 56.4
PV17	East Wray Mesa	27.12 125	P	P	10 59 49.4 -0.1
PV17	East Wray Mesa comp=Z,23nm,1.5s	27.14 125	IAMB	IAMB	10 59 57.3
PV11	David Mesa, Pa comp=Z,16nm,1.2s	27.23 126	IAMB	IAMB	10 59 53.4
PV05	Paradox Valley comp=Z,19nm,1.4s	27.28 125	IAMB	IAMB	10 59 53.9
PV02	Paradox Valley comp=Z,16nm,1.4s	27.28 125	IAMB	IAMB	10 59 53.9

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PV13	Radium Mtn, P comp=Z,17nm,1.2s	27.28 125	IAMB	IAMB	10 59 54.0
B35A	Bob, Littlefor comp=Z,19nm,1.2s	27.29 92	IAMB	IAMB	10 59 52.2
ISCO	Idaho Springs baz=333	27.37 119	P	P	10 59 52.4 +0.7
ISCO	Idaho Springs	27.37 119	P	P	10 59 51.4 -0.4
PV01	Paradox Valley PV01	27.41 125	IAMB	IAMB	10 59 51.3 -0.8
PV01	Paradox Valley comp=Z,15nm,1.2s	27.42 143	P	P	10 59 53.6 +1.6
BFC5	Mount Baldy Ra baz=338	27.42 143	P	P	10 59 52.3 -0.7
F33A	5 Mile Ranch, GMRC	27.56 99	P	P	10 59 54.9 +1.4
GMRC	Granite Moun baz=335	27.57 139	P	P	10 59 00.8 +2.0
BELC	Belle Mtn. Jos baz=336	27.17 141	P	P	10 59 00.5 +1.2
MVCO	Mesa Verde baz=338	28.22 126	P	P	10 59 58.9 -1.7
PFO	Pinyon Flats O	28.38 142	P	P	10 59 58.9 -1.7
PFO	Pinyon Flats O comp=Z,4.0nm,1.0s	28.49 123	P	P	10 11 00.2 +0.6
S22A	4UR Ranch, Cre baz=336,SNR=7.1	28.50 132	P	P	10 11 00.3 +1.4
WUAZ	Wupatki baz=331,SNR=18	28.50 132	P	P	10 11 00.4 +1.4
BC3	Big Chuckwall baz=336	28.67 140	P	P	10 11 03.8 +0.5
EYMN	Ely baz=308,SNR=8.6	28.72 91	IAMB	IAMB	10 11 00.5 3.0
EYMN	Ely comp=Z,16nm,0.9s	28.72 91	IAMB	IAMB	10 11 00.5 3.0
ECSD	EROS Data Cent baz=315,SNR=9.3	28.84 103	P	P	10 11 00.6 0.0
ECSD	EROS Data Cent comp=Z,14nm,1.1s	28.84 103	IAMB	IAMB	10 11 00.6 0.0
F36A	Milaca comp=Z,13nm,1.3s	28.99 96	IAMB	IAMB	10 11 00.8 7.0
MONP2	Monument Peak baz=338	29.05 142	P	P	10 11 00.7 9.2 +1.2
SDCO	Great Sand Dun baz=332	29.09 121	P	P	10 11 00.8 0.0 +0.9
SWSC	Sam W. Stewart baz=337	29.21 141	P	P	10 11 00.9 6.8 +1.8
Y14A	Wickenburg Y14A	29.28 136	P	P	10 11 00.8 5.0 0.0
Y14A	Wickenburg comp=Z,7.0nm,0.8s	29.28 136	IAMB	IAMB	10 11 00.14.6
IKP	In-Ko-Pah, Jac baz=337	29.38 142	P	P	10 11 00.10.7 +1.3
KSCO	Kaye Sheddock baz=332	29.39 116	P	P	10 11 00.11.0 +1.4
GLA	Glamis baz=336	29.44 140	P	P	10 11 00.10.9 +1.0
X16A	Lo Mia Camp, P comp=Z,14nm,1.2s	29.44 133	IAMB	IAMB	10 11 00.13.7
W18A	Petrified Fore baz=330	29.50 130	P	P	10 11 00.11.3 +0.7
BGNE	Belgrade	29.74 108	P	P	10 11 00.13.4 +0.9
T25A	Trinidad baz=325	30.08 121	P	P	10 11 00.16.3 +0.6
L34A	Svensden Farm, ANMO	30.23 105	P	P	10 11 00.15.1 -1.7
ANMO	Albuquerque comp=Z,3.0nm,1.0s,baz=324,slow=10.0,SNR=8.7	31.01 126	P	P	10 11 00.25.9 +1.9
ANMO	Albuquerque comp=Z,11nm,1.5s	31.01 126	P	P	10 11 00.25.8 +1.9
ANMO	Albuquerque comp=Z,11nm,1.5s	31.01 126	P	P	10 11 00.25.2 +1.2
ANMO	Albuquerque comp=Z,12nm,1.4s	31.01 126	IAMB	IAMB	10 11 00.21.9 -2.0
ANMO	Albuquerque	31.01 126	IAMB	IAMB	10 11 00.28.8
G40A	Rib Lake	31.13 94	P	P	10 11 00.24.0 -0.3
214A	Organ Pipe Nat baz=335	31.13 137	P	P	10 11 00.27.0 +2.1
COWI	Conover	31.14 92	P	P	10 11 00.25.3 +0.5
COWI	Conover comp=Z,8.9nm,1.1s	31.16 127	P	P	10 11 00.31.0 +2.4
TVZX	PASCAL Wareho baz=330	31.56 127	P	P	10 11 00.30.7 +2.0
TUC	Tucson baz=334	31.56 134	P	P	10 11 00.28.6 -0.1
TUC	Tucson comp=Z,7.8nm,0.9s	31.56 134	IAMB	IAMB	10 11 00.26.0
SCIA	State Center baz=316	31.89 102	P	P	10 11 00.32.8 +1.3
KSU1	Kansas State U baz=320,SNR=9.3	32.25 109	P	P	10 11 00.35.5 +0.9
121A	Cookes Peak, D baz=331,SNR=15	32.54 130	P	P	10 11 00.39.6 +2.2
JFWS	Jewell Farm baz=315	32.72 97	P	P	10 11 00.39.6 +0.9
319A	Douglas	32.97 133	P	P	10 11 00.39.7 -1.4
AMTX	Amarillo baz=326	33.18 119	P	P	10 11 00.44.8 +1.8
AMTX	Amarillo comp=Z,14nm,0.9s	33.18 119	P	P	10 11 00.42.5 -0.4
D46A	Amarillo baz=310	33.31 87	P	P	10 11 00.45.4 +1.5

671.00000° λ-179.00000° NP28.229.00000°
890.00000° λ-18.00000° Principal axes: T 1.2631,
Plg13.0000°, Azm276.0000°; N 0.4421, Plg17.0000°,
Azm49.0000°; P -1.7052, Plg13.0000° Azm183.0000°;
ISC 25 10:54:48.70.0.4.5835N.0.02:137°16'W.0.02:h3km±1km,
h4km:pP-P, n2506, e2907/2804, mb5.8/487, MS6.1/443,
149C-21D, Southeastern Alaska

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like PLBC Pleasant Camp, BESE Bessie Mountain, SKAG Skagway, etc.

Table with columns: PAX, PWL, DOT, etc. Lists various stations like PAX Paxson, PWL Port Wells, DOT Dot Lake, etc.

Table with columns: TOFB, TOF, TOXB, etc. Lists various stations like TOFB Tofino, TOF Tofino, TOXB Texada, etc.

AGMN	baz=308,SNR=23	S	S	11 04 59.1 +1.9
AGMN	Agassiz Nation	26.23	94	P P 11 00 22.4 -2.1
AGMN	comp=Z,86um,20.0s	IAMs_20	IAMs_20	11 10 55.4
ARVC	Arvin	26.24	144	P P 11 00 24.7 +0.1
LRMC	Paul Mtn Rad	26.27	142	P P 11 00 25.2 0.0
PHWY	Lire Hill	26.27	117	P P 11 00 23.3 -2.0
PHWY	comp=Z,292nm,1.3s	IAMB	IAMB	11 00 31.2
PHWY	comp=Z,38um,22.0s	IAMs_20	IAMs_20	11 10 01.6
BILL	Bilibino	26.29	315	eP P 11 00 24.8 -0.1
BILL	comp=Z,327nm,1.7s	e	S	11 01 01.5
BILL	comp=Z,327nm,1.7s	pmax	pmax	11 05 03.9 +6.1
BILL	comp=Z,38um,16.0s	MLR	MLR	
BILL	Bilibino	26.29	315	P P 11 00 24.9 +0.1
BILL	comp=Z,172nm,1.0s	IAMB	IAMB	11 00 51.2
D32A	Dogwood Acres	26.36	98	P P 11 00 25.7 0.0
D32A	comp=Z,119nm,0.9s	IAMB	IAMB	11 01 10.0
D32A	comp=Z,71um,18.0s	IAMs_20	IAMs_20	11 11 03.6
SHOC	Shoshone Teco	26.36	139	P P 11 00 26.4 +0.5
SHOC	baz=335	S	S	11 05 05.0 +5.5
N23A	Red Feather La	26.37	118	P P 11 00 25.9 -0.2
N23A	baz=322,SNR=8.8	S	S	11 05 07.8 +7.8
N23A	Red Feather La	26.37	118	P P 11 00 25.0 -1.2
N23A	comp=Z,129nm,1.1s	IAMB	IAMB	11 00 50.5
PKCU	Pink Cliffs	26.46	131	P P 11 00 24.6 -2.5
LCMT	Little Creek M	26.48	133	P P 11 00 26.9 0.0
EUNU	Eureka	26.52	18	P P 11 00 26.3 -0.6
EUNU	Eureka	26.52	18	P P 11 00 26.3 -0.6
EUNU	comp=Z,294nm,1.2s	IAMB	IAMB	11 00 52.7
EPL0	Experimental L	26.53	90	P P 11 00 26.4 -0.8
EPL0	Experimental L	26.53	90	P P 11 00 26.0 -1.2
SBC	Santa Barbara	26.61	146	P P 11 00 28.4 +0.4
SBC	baz=349	S	S	11 00 28.5 0.0
KNB	Kanab	26.63	133	P P 11 00 28.5 0.0
KNB	comp=Z,270nm,1.1s	pmax	pmax	11 00 29.0 -0.1
EDW2	Edwards Air Fo	26.72	143	P P 11 00 29.0 -0.1
EDW2	baz=338,SNR=11	S	S	11 05 09.3 +4.0
GSC	Goldstone Bar	26.72	141	P P 11 00 30.0 +0.8
GSC	baz=336,SNR=22	S	S	11 05 09.8 +4.5
OSI	Osito Audit: C	26.74	145	P P 11 00 29.2 -0.1
OSI	baz=338	S	S	11 00 38.2
PV21	Cone Mtn., Par	26.89	125	P P 11 00 30.4 -0.4
PV21	comp=Z,138nm,1.2s	IAMB	IAMB	11 00 38.2
TUQ	Turquoise Moun	26.90	139	P P 11 00 31.2 +0.4
TUQ	baz=335,SNR=31	S	S	11 00 31.2 +0.4
PV10	Paradox Valley	27.02	125	IAMB IAMB 11 00 42.5
SCZ2	Santa Cruz Isl	27.05	147	P P 11 00 31.9 -0.1
SCZ2	baz=349	S	S	11 00 32.4 +0.4
RRX	Edison Barstow	27.05	141	P P 11 00 32.4 +0.4
PV04	Paradox Valley	27.07	125	IAMB IAMB 11 00 53.8
PV04	comp=Z,144nm,1.1s	IAMB	IAMB	11 00 53.8
PV20	West Nyswonger	27.08	125	IAMB IAMB 11 00 43.1
PV20	comp=Z,220nm,1.7s	IAMB	IAMB	11 00 43.1
PV17	East Wray Mesa	27.14	125	IAMB IAMB 11 00 42.8
PV17	comp=Z,171nm,1.1s	IAMB	IAMB	11 00 42.8
SUSD	Miller	27.16	104	P P 11 00 32.8 -0.2
SUSD	baz=314,SNR=12	S	S	11 00 32.8 -0.2
SOLO	Sioux Lookout	27.20	88	P P 11 00 33.5 +0.3
SOLO	Sioux Lookout	27.20	88	P P 11 00 33.0 -0.2
DECC	Green Verdugo	27.20	144	P P 11 00 32.5 -0.9
PV05	Paradox Valley	27.25	126	IAMB IAMB 11 00 40.2
PV05	comp=Z,144nm,1.1s	IAMB	IAMB	11 00 40.2
PV02	Paradox Valley	27.29	125	IAMB IAMB 11 00 45.1
PV02	comp=Z,237nm,1.7s	IAMB	IAMB	11 00 45.1
MWC	Mount Wilson	27.31	144	IAMB IAMB 11 00 43.1
MWC	comp=Z,354nm,1.6s	IAMB	IAMB	11 00 43.1
HEC	Hector Ludlow	27.31	140	P P 11 00 35.0 +0.5
HEC	baz=336,SNR=9.5	S	S	11 05 20.5 +6.0
ISCO	Idaho Springs	27.39	119	P P 11 00 35.3 -0.1
ISCO	baz=323,SNR=20	S	S	11 05 22.1 +5.9
BFSC	Mount Baldy Ra	27.42	143	P P 11 00 36.2 +0.7
BFSC	baz=338,SNR=15	S	S	11 05 20.0 +3.6
GMRC	Granite Mounta	27.58	139	P P 11 00 37.9 +1.0
GMRC	baz=336,SNR=24	S	S	11 05 24.8 +5.9
F35A	5 Mile Ranch	27.59	99	IAMB IAMB 11 01 04.5
F35A	comp=Z,490nm,2.0s	IAMB	IAMB	11 01 04.5
SMY	Shemya	27.63	280	P P 11 00 36.4 -0.6
SMY	comp=Z,632nm,1.9s	pmax	pmax	11 00 36.4 -0.6
SMY	comp=Z,29um,19.0s	MLR	MLR	
SMY	Shemya	27.63	280	P P 11 00 36.4 -0.6
SMY	comp=Z,29um,19.0s	IAMs_20	IAMs_20	11 11 58.8
BBRC	Big Bear Solar	27.64	142	P P 11 00 37.7 +0.1
BBRC	baz=337,SNR=7.7	S	S	11 05 25.7 +5.7
FMP	Fort Macarthur	27.71	145	P P 11 00 37.8 -0.1
FMP	baz=339	S	S	11 05 25.7 +5.7
W13A	Hualapai Mount	27.93	136	P P 11 00 38.7 -1.5
W13A	comp=Z,109nm,1.1s	IAMB	IAMB	11 00 45.7
CIS	Catalina Islan	27.96	145	P P 11 00 39.8 -0.4
CIS	baz=339	S	S	11 05 31.3 +3.5
ATKO	Atikokan Iron	28.16	90	P P 11 00 41.6 -0.2
ATKO	Atikokan Iron	28.16	90	P P 11 00 41.0 -0.8
MURC	Murrieta	28.16	143	P P 11 00 41.7 -0.3
MURC	baz=338	S	S	11 05 31.3 +3.5
BEL0	Belle Mtn. Jos	28.18	141	P P 11 00 43.0 +0.7
BEL0	baz=336,SNR=8.3	S	S	11 05 36.5 +8.2
MVCO	Mesa Verde	28.23	126	P P 11 00 42.1 -0.7
MVCO	baz=328,SNR=15	S	S	11 05 38.0 +8.6
MVCO	Mesa Verde	28.23	126	P P 11 00 41.7 -1.2
MVCO	comp=Z,141nm,1.2s	IAMB	IAMB	11 00 55.5
MVCO	comp=Z,46um,18.0s	IAMs_20	IAMs_20	11 12 35.6
Q24A	Divide	28.27	119	P P 11 00 43.2 -0.1
Q24A	baz=324,SNR=13	S	S	11 05 32.2 +2.1
SC12	San Clemente I	28.32	146	P P 11 00 43.1 -0.2
SC12	baz=339	S	S	11 05 38.0 +8.6
IRM	Iron Mountain	28.33	139	P P 11 00 43.8 +0.3
IRM	baz=336,SNR=20	S	S	11 05 41.0 +1.0
PFO	Pinyon Flats O	28.38	142	P P 11 00 44.7 +0.6
PFO	comp=Z,15nm,1.0s, baz=329,slow=3.4,SNR=5.3	PcP	PcP	11 03 57.9 +1.5
PFO	comp=Z,20nm,1.0s, baz=329,slow=3.4,SNR=5.3	LR	LR	11 11 59.3

PFO	comp=Z,20um,18.5s, baz=325,slow=3.6	P	P	11 00 43.7 -0.4
PFO	Pinyon Flats O	28.38	142	P P 11 00 43.7 -0.4
PFO	baz=337,SNR=6.1	S	S	11 05 35.5 +4.0
PFO	Pinyon Flats O	28.38	142	P P 11 00 42.5 -1.6
PFO	comp=Z,33um,18.0s	PcP	PcP	11 03 54.0 -2.5
PFO	Pion Flat	28.39	142	P P 11 00 42.4 -1.7
S22A	4UR Ranch, Cre	28.51	123	P P 11 00 45.1 -0.3
S22A	baz=326,SNR=18	S	S	11 05 37.9 +4.0
S22A	Wupatki	28.51	132	P P 11 00 45.4 +0.2
S22A	baz=331,SNR=35	S	S	11 05 45.4 +0.2
PDMCI	Parker Dam, Lak	28.55	137	P P 11 00 45.4 0.0
PDMCI	baz=335,SNR=15	S	S	11 05 45.4 0.0
K31A	O'Neill	28.57	106	P P 11 00 45.9 +0.3
K31A	comp=Z,264nm,1.4s	IAMB	IAMB	11 00 50.0
BC3	Big Chuckawall	28.68	140	P P 11 00 47.0 +0.3
BC3	baz=336,SNR=5.7	S	S	11 00 47.0 +0.3
EYMN	Ely	28.75	91	P P 11 00 46.6 -0.5
EYMN	baz=308,SNR=24	S	S	11 05 37.5 +0.6
EYMN	ely=308	S	S	11 05 37.5 +0.6
EYMN	Ely	28.75	91	P P 11 00 45.7 -1.4
EYMN	comp=Z,128nm,1.1s	IAMB	IAMB	11 01 34.4
EYMN	Ely	28.75	91	IAMs_20 IAMs_20 11 12 29.1
109C	Camp Elliot, M	28.84	143	P P 11 00 47.9 -0.1
109C	comp=Z,56um,18.0s	S	S	11 00 47.9 -0.1
109C	baz=338	S	S	11 05 43.5 +5.0
ECSD	EROS Data Cent	28.86	103	P P 11 00 47.6 -0.6
ECSD	baz=315,SNR=36	S	S	11 05 40.5 +1.7
ECSD	EROS Data Cent	28.86	103	P P 11 00 47.7 -0.4
ECSD	baz=315	S	S	11 05 40.5 +1.7
F36A	Milaca	29.02	96	P P 11 00 49.4 -0.1
F36A	comp=Z,64um,18.0s	IAMs_20	IAMs_20	11 12 33.0
MONP2	Monument Peak	29.06	142	P P 11 00 50.5 +0.3
MONP2	baz=338,SNR=13	S	S	11 05 48.2 +5.9
MONP2	comp=Z,33um,18.0s	S	S	11 05 48.2 +5.9
SDCO	Great Sand Dun	29.10	121	P P 11 00 50.6 -0.1
SDCO	baz=326,SNR=20	S	S	11 05 49.8 +6.6
SDCO	Great Sand Dun	29.10	121	P P 11 00 49.8 -0.9
SDCO	comp=Z,33um,18.0s	S	S	11 05 51.0 -0.2
SWSC	Sam W. Stewart	29.21	141	P P 11 00 51.0 -0.2
SWSC	baz=337	S	S	11 05 51.0 -0.2
Y14A	Wickenburg	29.29	136	P P 11 00 53.4 +1.3
Y14A	comp=Z,211nm,1.2s	IAMB	IAMB	11 01 00.4
TULEG	Thule	29.35	26	IAMs_20 IAMs_20 11 11 00.0
TULEG	comp=Z,41um,19.0s	S	S	11 00 53.5 +0.6
IKP	In-Ko-Pah, Jac	29.38	142	P P 11 00 53.5 +0.6
IKP	baz=337,SNR=8.9	S	S	11 00 53.5 +0.6
KSCO	Kaye Shedlock	29.41	116	P P 11 00 53.3 0.0
KSCO	baz=323,SNR=14	S	S	11 00 52.6 -0.8
KSCO	Kaye Shedlock	29.41	116	P P 11 00 52.7 -0.5
KSCO	Glamis	29.44	140	P P 11 00 52.6 -0.8
GLA	Glamis	29.44	140	P P 11 00 54.0 +0.6
GLA	comp=Z,62nm,1.0s	pmax	pmax	11 00 54.0 +0.6
GLA	Glamis	29.44	140	P P 11 00 54.0 +0.6
GLA	baz=336,SNR=11	S	S	11 05 50.9 +2.9
GLA	Glamis	29.44	140	P P 11 00 52.6 -0.8
GLA	Lo Mia Camp, P	29.45	133	P P 11 00 54.0 +0.3
GLA	comp=Z,120nm,1.1s	IAMB	IAMB	11 01 00.4
W18A	Petted Fore	29.51	130	P P 11 00 54.7 +0.6
W18A	comp=Z,33um,18.0s	S	S	11 05 54.5 +5.1
W18A	baz=331,SNR=33	S	S	11 05 54.5 +5.1
E38A	The Farm, Brul	29.57	93	IAMs_20 IAMs_20 11 12 58.6
E38A	comp=Z,57um,19.0s	S	S	11 12 58.6
BGNE	Belgrade	29.77	107	P P 11 00 56.2 0.0
BGNE	baz=318,SNR=21	S	S	11 00 56.2 0.0
SPMN	Marine on St.	29.82	96	P P 11 00 56.5 -0.1
SPMN	baz=312,SNR=9.6	S	S	11 05 56.2 +2.5
SPMN	Marine on St.	29.82	96	IAMB IAMB 11 01 52.7
SPMN	comp=Z,304nm,1.8s	IAMs_20	IAMs_20	11 13 00.3
SPMN	comp=Z,69um,21.0s	S	S	11 00 56.9 -1.2
VIMO	Victor Mine	30.00	77	P P 11 00 56.0 -2.1
VIMO	Victor Mine	30.00	77	P P 11 00 56.0 -2.1
GT0	Geraldton	30.05	84	P P 11 00 59.0 +0.4
GT0	Geraldton	30.05	84	P P 11 00 59.0 +0.4
T25A	Trinidad	30.10	120	P P 11 00 59.4 0.0
T25A	baz=326,SNR=16	S	S	11 00 59.2 +0.2
CLRN	Clyde River	30.12	99	P P 11 00 59.0 0.0
CLRN	Clyde River	30.12	99	P P 11 00 59.0 0.0
I37A	Lemond, Waseca	30.33	99	IAMB IAMB 11 01 06.0
I37A	comp=Z,250nm,1.3s	S	S	11 01 06.0
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E50A	baz=311,SNR=10	S	S	11 07 24.4 +4.3
U38A	baz=311	35.45	109	P P 11 01 45.0 -1.0
L46A	Euc Claire	35.45	95	IAMS_20 IAMS_20 11 16 31.4
P43A	comp=Z,49um,19.0s	35.49	101	Iamb Iamb 11 01 47.7
P43A	Skaggs, Pawnee	35.49	101	Iamb Iamb 11 01 47.7
P43A	baz=311,SNR=10	IAMS_20	IAMS_20	11 16 05.1
MA2	Magadan	35.51	304	P P 11 01 46.7 +0.5
MA2	comp=Z,137nm,1.0s,ba=61,slow=8.9,SNR=20	LR	LR	11 17 46.5
MA2	Magadan	35.51	304	ceP P 11 01 46.4 +0.2
MA2	comp=Z,374nm,1.7s	MLR	MLR	
MA2	comp=Z,34um,19.0s	MLR	MLR	
MA2	Magadan	35.51	304	P P 11 01 45.6 -0.6
MA2	comp=Z,41um,19.0s	IAMS_20	IAMS_20	11 17 45.3
O44A	Mansfield	35.66	99	IAMS_20 IAMS_20 11 16 11.7
D51A	Lot 18 Range I	35.66	83	P P 11 01 47.3 -0.3
D51A	baz=310	S	S	11 07 28.2 +3.7
LSQO	Lebel-sur-Quev	35.66	78	P P 11 01 47.0 -0.6
PEA0B	Petrovsk	35.75	291	ceP P 11 01 48.2 -0.1
PEA0B	Petrovsk	35.75	291	Iamb Iamb 11 01 51.8
PETK	Petrovsk	35.75	291	P P 11 01 48.4 +0.1
PETK	Petrovsk	35.75	291	P P 11 01 48.0 -0.3
CCM	Cathedral Cave	35.79	104	pmax pmax 11 01 47.2 -1.6
CCM	comp=Z,75nm,1.1s	MLR	MLR	
CCM	comp=Z,123um,19.0s	P	P	11 01 47.9 -0.9
CCM	Cathedral Cave	35.79	104	P P 11 07 28.1 +1.5
CCM	baz=320	S	S	11 01 47.1 -1.6
CCM	Cathedral Cave	35.79	104	P P 11 01 49.9 -0.3
E51A	G1948 Merrick	35.96	83	P P 11 01 49.3 +2.4
E51A	baz=311,SNR=20	S	S	11 07 31.4 +2.4
VLD0	Val d'Or	36.01	80	P P 11 01 48.2 -2.3
VLD0	Val d'Or	36.01	80	P P 11 01 48.0 -2.6
VLD0	Val d'Or	36.01	80	Iamb Iamb 11 01 53.6
VLD0	comp=Z,323nm,1.9s	IAMS_20	IAMS_20	11 14 20.1
VLD0	comp=Z,17um,18.0s	P	P	11 01 51.0 +0.2
ABTX	Abilene, Hawle	36.02	119	Iamb Iamb 11 01 59.5
ABTX	Abilene, Hawle	36.02	119	Iamb Iamb 11 01 59.5
EEO	Eldee	36.11	83	P P 11 01 51.5 -0.1
EEO	Eldee	36.11	83	P P 11 01 51.0 -0.5
F51A	Arnstein	36.14	84	P P 11 01 51.3 -0.4
F51A	baz=311,SNR=8.4	S	S	11 07 36.3 +4.6
SFIN	Lafayette	36.21	97	P P 11 01 52.1 -0.2
SFIN	baz=317,SNR=36	S	S	11 07 35.9 +3.0
SFIN	Lafayette	36.21	97	Iamb Iamb 11 01 54.5
SFIN	comp=Z,142nm,0.8s	Iamb	Iamb	11 01 54.5
ILULI	Ilulissat	36.23	37	P P 11 01 52.2 0.0
ILULI	comp=Z,36um,14.0s	iP	iP	11 01 52.2 0.0
ILULI	Ilulissat	36.23	37	MLR MLR 11 01 52.2 0.0
ILULI	comp=Z,37um,14.0s	IAMS_20	IAMS_20	11 14 37.7
ILULI	Ilulissat	36.23	37	IAMS_20 IAMS_20 11 14 37.7
D52A	ZEK Kipawa Sen	36.24	82	P P 11 01 52.2 -0.4
D52A	baz=310,SNR=20	S	S	11 07 37.0 +3.7
FVM	French Village	36.26	103	Iamb Iamb 11 01 54.8
FVM	comp=Z,176nm,1.1s	Iamb	Iamb	11 01 54.8
U40A	Yellville	36.28	108	P P 11 01 52.1 -1.0
U40A	baz=322,SNR=34	S	S	11 07 36.4 +2.3
U40A	Yellville	36.28	108	Iamb Iamb 11 01 53.9
U40A	comp=Z,132nm,1.1s	Iamb	Iamb	11 01 54.5
Q44A	Meyer Farm, Va	36.30	101	Iamb Iamb 11 01 54.5
Q44A	comp=Z,104nm,1.0s	IAMS_20	IAMS_20	11 17 54.6
X37A	Clayton	36.44	112	Iamb Iamb 11 01 56.2
X37A	comp=Z,212nm,1.3s	Iamb	Iamb	11 01 56.2
CHGQ	Chibougamau	36.48	75	P P 11 01 53.4 -1.1
CHGQ	baz=308,SNR=8.8	Iamb	Iamb	11 01 57.1
L48A	N Adams	36.48	93	Iamb Iamb 11 01 57.1
L48A	comp=Z,195nm,0.9s	Iamb	Iamb	11 01 55.0 -0.1
F52A	Sundridge	36.54	84	P P 11 07 42.7 +4.8
F52A	baz=312,SNR=9.5	S	S	11 07 42.7 +4.8
D53A	Lac Vachiv, Po	36.55	81	P P 11 01 55.2 0.0
D53A	baz=310,SNR=13	S	S	11 07 41.2 +3.2
E52A	Mattawa	36.56	83	P P 11 01 55.0 -0.3
E52A	baz=311,SNR=22	S	S	11 07 40.7 +2.4
AAM	Ann Arbor	36.64	92	P P 11 01 55.5 -0.5
AAM	baz=311,SNR=17	Iamb	Iamb	11 02 01.1
AAM	Ann Arbor	36.64	92	Iamb Iamb 11 02 01.1
AAM	comp=Z,278nm,1.7s	IAMS_20	IAMS_20	11 17 12.8
P46A	Rosedale	36.71	98	Iamb Iamb 11 01 59.0
P46A	comp=Z,38um,20.0s	Iamb	Iamb	11 01 59.0
W39A	Magazine	36.73	110	P P 11 01 56.8 -0.1
W39A	comp=Z,130nm,0.8s	S	S	11 07 40.8 -0.2
W39A	Magazine	36.73	110	Iamb Iamb 11 01 57.9
W39A	baz=323	S	S	11 07 40.8 -0.2
NOR	Nord	36.76	12	iP P 11 01 56.0 -0.7
NOR	Nord	36.76	12	iP P 11 01 56.0 -0.7
OLIL	Olney	36.90	100	Iamb Iamb 11 02 00.5
OLIL	comp=Z,185nm,0.8s	IAMS_20	IAMS_20	11 17 00.5
I51A	Listowel	36.98	88	P P 11 01 59.6 +0.6
I51A	baz=313,SNR=11	S	S	11 07 48.3 +3.6
H52A	Wyevale	37.01	86	P P 11 01 58.4 -0.8
H52A	baz=313	P	P	11 01 58.4 -0.8
E53A	Dumoine, Ponti	37.02	82	P P 11 01 59.0 -0.3
E53A	baz=311,SNR=17	S	S	11 07 40.7 +1.8
D54A	Lac Fusel, La	37.04	80	P P 11 01 59.1 -0.3
D54A	baz=310,SNR=14	S	S	11 07 49.5 +3.9
TXAR	Lajitas Array	37.05	127	P P 11 02 00.7 +1.0
TXAR	comp=Z,42nm,1.0s,ba=333,slow=7.0,SNR=63	PcP P	PcP P	11 04 20.8 +0.4
TXAR	comp=Z,8.9nm,0.9s,ba=329,slow=1.1,SNR=4.9	LR	LR	11 17 44.5
S44A	Carbondale	37.09	103	Iamb Iamb 11 02 01.2
S44A	comp=Z,24um,20.3s,ba=0.0,slow=37	Iamb	Iamb	11 02 01.2
ALGO	Algonquin Park	37.10	83	P P 11 01 59.9 0.0
ALGO	baz=312,SNR=19	P	P	11 02 00.8 -0.3
E54A	Lac Duplat, Po	37.23	82	P P 11 02 00.8 -0.3
E54A	baz=311,SNR=16	S	S	11 07 53.2 +4.7
I52A	Shelburne	37.25	87	P P 11 02 01.0 -0.2
I52A	baz=311	P	P	11 02 01.3 -0.1
L50A	Kingsville	37.27	92	P P 11 02 01.3 -0.1
L50A	baz=315,SNR=11	S	S	11 07 51.7 +2.6
SCHO	Schefferville	37.28	64	P P 11 02 01.5 +0.2

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SCHO	comp=Z,31nm,0.9s,ba=308,slow=11,SNR=14	LR	LR	11 16 32.2
SCHO	comp=Z,23um,18.9s,ba=308,slow=35	LR	LR	11 01 58.5 -2.9
SCHO	Schefferville	37.28	64	P P 11 02 01.5 +0.2
SCHO	Schefferville	37.28	64	IAMS_20 IAMS_20 11 17 21.7
SADO	Sadowa	37.32	85	P P 11 02 02.9 +1.2
SADO	Sadowa	37.32	85	Iamb Iamb 11 02 01.4 -0.4
SADO	comp=Z,251nm,1.8s	IAMS_20	IAMS_20	11 17 24.9
SADO	comp=Z,225um,19.0s	IAMS_20	IAMS_20	11 17 24.9
N49A	Columbus Grove	37.34	94	Iamb Iamb 11 02 03.9
N49A	comp=Z,152nm,1.0s	IAMS_20	IAMS_20	11 17 36.4
G53A	Haliburton	37.35	84	P P 11 02 02.0 -0.1
G53A	baz=312,SNR=14	S	S	11 07 54.9 +4.6
MIAR	Mount Ida	37.35	110	P pmax 11 02 01.5 -0.7
MIAR	comp=Z,264nm,1.0s	MLR	MLR	
MIAR	comp=Z,61um,19.0s	P	P	11 02 01.7 -0.4
MIAR	Mount Ida	37.35	110	S S 11 07 54.5 +4.0
MIAR	comp=Z,178nm,1.1s	P	P	11 02 01.5 -0.7
LCAR	Lake Charles	37.37	106	P P 11 02 00.2 -2.0
LCAR	comp=Z,177nm,0.8s	Iamb	Iamb	11 02 04.6
CRLO	Chalk River	37.39	82	P P 11 02 01.9 -0.5
CRLO	Chalk River	37.39	82	P P 11 02 01.0 -1.4
BLO	Bloomington	37.40	98	Iamb Iamb 11 02 02.3 +0.1
TIXI	Tiksi	37.41	329	P P 11 04 20.1 -0.6
TIXI	comp=Z,54nm,0.9s,ba=59,slow=7.6,SNR=26	PcP	PcP	11 04 20.1 -0.6
TIXI	comp=Z,70nm,1.0s,ba=63,slow=6.6,SNR=3.4	LR	LR	11 20 18.9
TIXI	comp=Z,14um,19.9s,ba=75,slow=41	LR	LR	11 02 02.7 +0.5
TIXI	Tiksi	37.41	329	P Iamb Iamb 11 02 02.7 +0.5
G54A	Lake Saint Pet	37.45	84	P P 11 02 02.9 0.0
G54A	baz=312,SNR=13	S	S	11 07 54.5 +2.8
SFJD	Kangerlussuaq	37.46	40	P P 11 02 04.0 +1.4
SFJD	comp=Z,17nm,0.6s,ba=298,slow=7.8,SNR=7.4	P	P	11 02 03.4 +0.7
SFJD	Kangerlussuaq	37.46	40	iS S 11 07 56.0 +4.6
SFJD	comp=Z,2um,15.0s	iS	iS	11 02 03.4 +0.7
SFJD	Kangerlussuaq	37.46	40	MLR MLR 11 07 56.0 +4.6
SFJD	comp=Z,2um,15.0s	IAMS_20	IAMS_20	11 15 04.2
SFJD	Kangerlussuaq	37.46	40	IAMS_20 IAMS_20 11 15 04.2
K51A	Iona Station	37.48	90	P P 11 02 01.7 -1.4
K51A	baz=314	S	S	11 07 58.4 +6.2
W41B	Gary Mavity, V	37.52	108	P P 11 02 02.4 -1.1
W41B	baz=322,SNR=19	S	S	11 07 54.9 +2.0
WHTX	Lake Whitney	37.56	117	P P 11 02 04.3 +0.3
WHTX	baz=327,SNR=44	S	S	11 07 58.6 +5.0
WHTX	Lake Whitney	37.56	117	Iamb Iamb 11 02 05.5
J52A	Paris	37.66	88	P P 11 02 04.4 -0.3
J52A	baz=314,SNR=6.5	S	S	11 08 01.1 +6.1
Z38A	Mt. Pleasant	37.70	113	Iamb Iamb 11 02 06.8
Z38A	comp=Z,179nm,1.1s	Iamb	Iamb	11 02 05.0 -0.2
I53A	Korriarth Cn E	37.73	87	P P 11 02 05.0 -0.2
I53A	baz=313	P	P	11 02 04.9 -0.4
D55A	Sainte-Anne-du	37.74	80	P P 11 07 57.0 +0.8
D55A	baz=311,SNR=15	S	S	11 07 57.0 +0.8
H53A	Bobcaygeon	37.74	85	P P 11 02 05.3 -0.1
H53A	baz=313,SNR=8.0	S	S	11 07 56.8 +0.6
JCT	Junction City	37.75	121	P P 11 02 05.9 +0.2
JCT	comp=Z,329,SNR=21	S	S	11 07 57.8 +1.1
JCT	Junction City	37.75	121	Iamb Iamb 11 02 12.7
JCT	comp=Z,190nm,1.2s	IAMS_20	IAMS_20	11 18 24.6
P48A	Milroy	37.76	97	Iamb Iamb 11 02 06.6
P48A	comp=Z,35um,19.0s	Iamb	Iamb	11 02 06.6
X40A	Basin Creek Fa	37.77	110	P P 11 02 04.9 -0.8
X40A	baz=323,SNR=25	S	S	11 07 57.1 +0.3
UALR	University of	37.78	109	Iamb Iamb 11 02 06.2
UALR	comp=Z,119nm,0.9s	Iamb	Iamb	11 02 09.5
O49A	Covington	37.79	95	Iamb Iamb 11 02 09.5
O49A	comp=Z,277nm,1.8s	IAMS_20	IAMS_20	11 17 54.3
E55A	Montceff-Lytto	37.81	81	P P 11 02 05.4 -0.5
E55A	baz=311,SNR=9.2	S	S	11 07 59.6 +2.5
GRQ	Grand Remous	37.81	81	P P 11 02 05.9 -0.1
GRQ	Grand Remous	37.81	81	P P 11 02 05.0 -0.9
K52A	Tilsonburg	37.85	89	P P 11 02 06.4 +0.1
K52A	baz=311,SNR=7.9	P	P	11 02 06.4 +0.1
T45A	Paduach	37.87	103	Iamb Iamb 11 02 09.2
T45A	comp=Z,120nm,0.8s	eP	eP	11 02 06.7 -0.6
SKR	Severo-Kuril's	37.99	288	eS S 11 03 33.3
SKR	Severo-Kuril's	37.99	288	eS S 11 07 57.8 -1.9
SKR	comp=Z,1um,6.4s	pmax	pmax	
SKR	comp=Z,2um,4.5s	MLR	MLR	
SKR	comp=Z,6um,1			

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J55A	Hilton	39.04	86	P	P	11 02 16.0	-0.3	KIP	comp=Z,176nm,1.7s	MLR	MLR	G60A	comp=Z,35um,19.0s	40.65	80	P	P	11 02 29.1	-0.6								
J55A	Hilton			S	S	11 08 16.8	+1.0	P53A	comp=Z,4um,15.0s	39.85	93	P	P	11 02 22.5	-0.7	G60A	Masonville	40.65	80	P	P	11 08 43.4	+3.6				
J55A	baz=314							P53A	Whipple	39.85	93	P	P	11 02 22.8	-0.6	P55A	Reedsville	40.66	92	P	P	11 08 29.1	-0.8				
J55A	comp=Z,408nm,1.8s	39.04	86	I	Amb	11 02 21.3		P53A	baz=317,SNR=17			S	S	11 08 30.7	+2.6	P55A	baz=317,SNR=16			S	S	11 08 44.2	+3.9				
J55A	comp=Z,24um,19.0s					IAMS_20	11 18 19.6	P53A	baz=317	39.85	93	P	P	11 02 22.2	-1.0	SWET	Swansea	40.70	102	IAMS_20	IAMS_20	11 20 13.1					
KGNO	Kingston	39.08	84	P	P	11 02 17.5	+0.9	O54A	Whipple	39.88	92	P	P	11 02 22.8	-0.6	E61A	baz=312			S	S	11 08 29.4	-0.8				
KGNO	Kingston	39.08	84	P	P	11 02 17.0	+0.4	O54A	Avella	39.88	92	P	P	11 02 22.8	-0.6	E61A	baz=312			S	S	11 08 29.4	-0.8				
W45A	Hickory Valley	39.08	105	P	P	11 02 16.3	-0.4	O54A	baz=317,SNR=16			S	S	11 08 32.3	+3.7	X48A	Hartselle	40.72	104	I	Amb	I	Amb	11 02 31.9			
NATX	Nacogdoches	39.08	114	P	P	11 02 17.3	+0.6	O54A	baz=317	39.88	92	P	P	11 02 23.2	-0.2	VBMS	Vicksburg	40.74	109	P	P	11 02 30.7	+0.1				
NATX	Nacogdoches	39.08	114	I	Amb	11 02 18.6		O54A	Avella	39.88	92	P	P	11 02 23.2	-0.2	I59A	Olmsteadville	40.74	82	P	P	11 02 29.8	-0.7				
NATX	comp=Z,125nm,1.1s					IAMS_20	11 19 57.7	O54A	comp=Z,15um,18.0s	39.88	99	I	Amb	I	Amb	11 02 25.6		I59A	baz=314,SNR=17			S	S	11 08 46.7	+5.3		
O52A	comp=Z,37um,18.0s	39.16	93	P	P	11 02 16.8	-0.6	J57A	Nancy	39.88	99	I	Amb	I	Amb	11 02 25.2		BINY	Binghamton	40.75	86	P	P	11 02 30.4	-0.1		
O52A	Adamsville	39.16	93	P	P	11 02 16.8	-0.6	J57A	Williamstown	39.90	84	P	P	11 02 23.1	-0.4	BINY	Binghamton	40.75	86	I	Amb	I	Amb	11 02 35.5			
O52A	baz=317,SNR=17					S	11 08 19.9	+2.2	J57A	Williamstown	39.90	84	I	Amb	I	Amb	11 02 25.2		BINY	baz=315,SNR=14			S	S	11 08 45.8	+4.3	
O51A	baz=317					IAMS_20	11 18 46.6		J57A	Williamstown	39.90	84	I	Amb	I	Amb	11 02 25.2		BINY	baz=315			S	S	11 08 45.8	+4.3	
O51A	Peebles	39.16	95	I	Amb	11 18 46.6		J57A	comp=Z,277nm,2.0s			IAMS_20	IAMS_20	11 18 54.3		BINY	Binghamton	40.75	86	P	P	11 02 30.7	+0.1				
N53A	Libson	39.19	91	P	P	11 02 17.0	-0.6	F59A	comp=Z,33um,21.0s	39.91	79	P	P	11 02 22.2	-1.3	BINY	baz=315			S	S	11 08 45.8	+4.3				
N53A	Paris	39.19	91	P	P	11 02 16.5	-1.1	Y45A	Saint Farm, C	39.91	107	I	Amb	I	Amb	11 02 25.3		BINY	Binghamton	40.75	86	I	Amb	I	Amb	11 02 35.5	
N53A	Paris	39.20	97	P	P	11 02 17.0	-0.7	L56A	comp=Z,200nm,1.1s	39.97	87	P	P	11 02 24.3	+0.2	BINY	comp=Z,24um,20.0s	40.75	78	P	P	11 02 30.4	-0.1				
N53A	West Valley, N	39.23	88	P	P	11 02 17.8	-0.2	L56A	Greenwood	39.97	87	P	P	11 02 24.3	+0.2	F61A	St Ervaste	40.75	78	P	P	11 02 30.4	-0.1				
N53A	WVNY					I	11 02 23.8		L56A	Greenwood	39.97	87	I	Amb	I	Amb	11 02 29.1		F61A	baz=312			S	S	11 08 45.8	+4.4	
G57A	comp=Z,191nm,1.2s	39.27	82	P	P	11 02 17.5	-0.7	L56A	comp=Z,384nm,1.6s			IAMS_20	IAMS_20	11 18 55.1		M57A	Sunshine Farm	40.76	88	P	P	11 02 30.1	-0.6				
G57A	Newington	39.27	82	P	P	11 02 17.5	-0.7	L56A	comp=Z,40um,19.0s	40.03	117	P	P	11 02 25.2	+0.6	M57A	baz=316			S	S	11 08 46.6	+4.9				
G57A	baz=313					S	11 08 21.2	+2.0	HKT	Hockley	40.03	117	P	P	11 02 25.2	+0.6	M57A	Sunshine Farm	40.76	88	I	Amb	I	Amb	11 02 35.4		
K55A	Perry	39.28	87	P	P	11 02 18.5	+0.1	HKT	comp=Z,141nm,1.3s			MLR	MLR			M57A	baz=316			S	S	11 08 46.6	+4.9				
M54A	comp=Z,314,SNR=8.4	39.30	90	P	P	11 02 18.4	-0.2	HKT	comp=Z,56um,19.0s	40.03	117	P	P	11 02 25.1	+0.6	O56A	Blue Knob Stat	40.77	90	P	P	11 02 30.2	-0.6				
M54A	Oil Creek Stat	39.30	90	P	P	11 02 18.4	-0.2	HKT	CNQ	40.04	117	P	P	11 02 25.0	+0.4	O56A	baz=317,SNR=12			S	S	11 08 45.8	+3.8				
M54A	baz=316					S	11 08 21.1	+1.2	HKT	Baie Comeau	40.04	117	P	P	11 02 25.0	+0.4	O56A	baz=317			S	S	11 08 45.8	+3.8			
M54A	Oil Creek Stat	39.30	90	P	P	11 02 18.8	+0.2	HKT	Baie Comeau	40.04	117	P	P	11 02 24.0	-0.6	GSQ	Grosses Roches	40.78	72	P	P	11 02 30.9	+0.2				
M54A	comp=Z,591nm,1.9s					IAMS_20	11 19 02.4	HKT	LMC	40.05	75	P	P	11 02 24.0	-0.6	GSQ	Grosses Roches	40.78	72	P	P	11 02 30.0	-0.7				
DAQ	Lac Daran	39.31	76	P	P	11 02 18.7	+0.1	HKT	La Malbaie	40.05	75	P	P	11 02 24.0	-0.7	S53A	Williamson	40.80	96	P	P	11 02 30.6	-0.5				
DAQ	Lac Daran	39.31	76	P	P	11 02 18.0	-0.6	A54	Misere	40.06	76	P	P	11 02 21.7	-3.1	S53A	baz=319,SNR=14			S	S	11 08 45.0	+2.5				
E58A	La Victoria	39.31	79	P	P	11 02 18.1	-0.4	A54	Misere	40.06	76	P	P	11 02 21.0	-3.8	S53A	baz=319			S	S	11 08 45.0	+2.5				
E58A	baz=312					S	11 08 20.6	+0.8	S51A	Beattyville	40.07	97	P	P	11 02 24.8	-0.1	POHA	Pohakuloa	40.81	207	P	P	11 02 29.4	-2.1			
P52A	Corning	39.36	94	P	P	11 02 18.3	-0.7	A61	Sainte Mathild	40.07	75	P	P	11 02 24.7	-0.2	H60A	Morristown	40.83	81	P	P	11 02 30.8	-0.4				
P52A	baz=317,SNR=13					S	11 08 22.0	+1.3	A61	Sainte Mathild	40.07	75	P	P	11 02 24.0	-0.9	H60A	baz=313			S	S	11 08 47.6	+4.9			
P52A	baz=317					S	11 08 22.0	+1.3	A64	Saint Simeon	40.09	75	P	P	11 02 24.0	-0.9	SSPA	Standing Stone	40.87	89	P	P	11 02 31.0	-0.5			
P52A	Corning	39.36	94	P	P	11 02 17.9	-1.1	K57A	Scipio Center	40.10	86	P	P	11 02 24.9	-0.3	SSPA	baz=316			S	S	11 08 46.1	+2.9				
DPQ	Saint Jean	39.36	78	P	P	11 02 19.0	+0.1	M56A	Emporium	40.10	88	P	P	11 02 25.1	-0.1	SSPA	Standing Stone	40.87	89	P	P	11 02 31.4	-0.1				
DPQ	Saint Jean	39.36	78	P	P	11 02 18.0	-0.9	M56A	baz=316,SNR=22			S	S	11 08 36.4	+4.5	SSPA	baz=316			I	Amb	I	Amb	11 02 37.0			
F58A	St-Lin Laurent	39.37	80	P	P	11 02 17.5	-1.4	M56A	Emporium	40.10	88	I	Amb	I	Amb	11 19 16.6		Q55A	comp=Z,293nm,1.4s	40.91	93	P	P	11 02 31.4	-0.5		
MMNY	Mt. Morris Dam	39.37	87	P	P	11 02 18.9	-0.1	SMQ	Clarke City	40.14	70	P	P	11 02 25.1	-0.3	O55A	baz=318			S	S	11 08 47.1	+3.2				
MMNY	MMNY					I	11 02 23.8		SMQ	Clarke City	40.14	70	P	P	11 02 25.0	-0.2	TZTN	Tazewell	40.92	98	P	P	11 02 31.4	-0.6			
O53A	comp=Z,371nm,1.8s	39.39	92	P	P	11 02 18.7	-0.6	H58A	Gabriele	40.16	82	P	P	11 02 25.5	-0.5	TZTN	baz=320,SNR=19			S	S	11 08 48.2	+4.1				
O53A	New Philadelphia	39.39	92	P	P	11 02 18.7	-0.6	H58A	baz=313,SNR=12			S	S	11 08 36.3	+3.7	TZTN	baz=320			S	S	11 08 48.2	+4.1				
O53A	baz=317					S	11 08 21.2	0.0	D60A	Saint Jean D'O	40.16	77	P	P	11 02 25.2	-0.3	TZTN	Tazewell	40.92	98	P	P	11 02 31.1	-0.9			
OXF	Oxford	39.47	106	P	P	11 02 19.3	-0.7	D60A	baz=312,SNR=11			S	S	11 08 36.8	+4.3	L58A	Harry Jones Me	40.93	86	P	P	11 02 31.3	-0.7				
OXF	comp=Z,716nm,1.0s					MLR	11 02 19.3	-0.7	N55A	Marion Center	40.18	90	P	P	11 02 25.7	-0.2	L58A	baz=315			S	S	11 08 48.5	+4.2			
OXF	comp=Z,59um,18.0s					MLR	11 02 19.7	-0.3	N55A	baz=316,SNR=17			S	S	11 08 37.5	+4.4	K59A	Cooperstown	40.94	84	P	P	11 02 31.6	-0.5			
OXF	Oxford	39.47	106	P	P	11 02 19.7	-0.3	G59A	Clarenceville	40.23	80	P	P	11 02 25.6	-0.5	K59A	baz=315			S	S	11 08 49.9	+5.5				
OXF	baz=322,SNR=72					S	11 02 19.3	-0.7	I58A	Old Forge	40.24	83	P	P	11 02 26.6	+0.2	G61A	St-Isidore-de-	40.95	79	P	P	11 02 31.9	-0.3			
L55A	Hinsdale	39.47	88	P	P	11 02 19.6	-0.4	I58A	baz=314			S	S	11 08 38.0	+4.0	G61A	baz=313			S	S	11 08 46.5	+2.2				
L55A	baz=315					S	11 08 23.2	0.0	Q53A	Lennoxville	40.24	94	P	P	11 02 25.6	-0.8	HMH	Hemu'ula Sheep	40.95	207	P	P	11 02 32.5	-0.2			
H57A	Richville	39.49	83	P	P	11 02 20.0	0.0	Q53A	baz=318,SNR=29			S	S	11 08 36.9	+2.9	N57A	Milroy	40.96									

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O57A	baz=317,SNR=16	S	S	11 08 53.8 +4.0
KSPA	baz=317	P	P	11 02 35.8 +0.5
KSPA	comp=Z,257nm,1.7s	IAMB	IAMB	11 02 40.4
KSPA	comp=Z,32um,20.0s	IAMS_20	IAMS_20	11 19 40.9
KHU	comp=Z,741nm,1.5s	P	P	11 02 35.6 -0.1
KHU	baz=317	P	P	11 02 35.5 -0.1
F62A	baz=313,SNR=11	P	P	11 02 35.0 -0.3
F62A	baz=313	S	S	11 08 54.2 +4.1
F62A	Pittston Farm,	P	P	11 02 35.2 0.0
F62A	comp=Z,17um,19.0s	IAMS_20	IAMS_20	11 20 02.4
N58A	baz=316	P	P	11 02 35.2 -0.2
N58A	baz=316	S	S	11 08 53.4 +3.2
N58A	Sunbury	P	P	11 02 35.4 0.0
N58A	comp=Z,235nm,1.8s	IAMB	IAMB	11 02 42.5
Q56A	baz=318	P	P	11 02 35.1 -0.4
Q56A	Snyder Ridge,	S	S	11 08 53.5 +3.1
Q56A	baz=318	P	P	11 02 34.3 -1.1
J60A	baz=314,SNR=24	P	P	11 02 35.7 +0.2
J60A	comp=Z,17um,19.0s	S	S	11 08 55.4 +4.8
FPAL	baz=314	P	P	11 02 35.9 -0.1
R55A	Fort Paine	P	P	11 02 35.9 -0.2
R55A	Marlinton	P	P	11 08 53.8 +2.3
R55A	baz=318,SNR=16	S	S	11 02 35.9 -0.2
R55A	Marlinton	P	P	11 02 35.9 -0.2
R55A	comp=Z,130nm,1.1s	IAMB	IAMB	11 02 41.5
V52A	baz=318	P	P	11 02 36.0 -0.2
V52A	Sevierville	P	P	11 02 40.5
LBNH	comp=Z,211nm,1.3s	P	P	11 02 36.2 -0.1
LBNH	Libson	S	S	11 08 56.3 +4.5
LBNH	baz=314,SNR=12	P	P	11 02 41.4
LBNH	Libson	IAMB	IAMB	11 02 41.4
LBNH	comp=Z,169nm,1.5s	IAMS_20	IAMS_20	11 19 35.5
TKL	comp=Z,22um,18.0s	LR	LR	11 20 27.8
G62A	West of Eustis	P	P	11 02 36.7 0.0
G62A	baz=313,SNR=16	S	S	11 08 57.4 +4.8
G62A	West of Eustis	IAMS_20	IAMS_20	11 19 52.9
M59A	Waymart	P	P	11 02 36.5 -0.3
M59A	baz=316,SNR=13	S	S	11 08 56.6 +3.8
Y49A	Blount Mountai	IAMB	IAMB	11 02 37.9
D63A	Stockholm	P	P	11 02 36.6 -0.2
D63A	baz=312,SNR=18	S	S	11 08 56.4 +3.7
I61A	Oroboro, Fair	P	P	11 02 36.7 -0.1
I61A	baz=314,SNR=20	S	S	11 08 58.5 +5.6
K60A	Five Rivers En	P	P	11 02 36.9 -0.3
T54A	Tazewell	P	P	11 02 36.7 -0.6
T54A	baz=319,SNR=27	S	S	11 08 56.4 +2.7
IVI	baz=319	IAMS_20	IAMS_20	11 17 22.4
S55A	Lewisburg	P	P	11 02 37.3 -0.3
S55A	baz=319,SNR=9.7	S	S	11 08 56.2 +2.1
TRY	Troy	IAMS_20	IAMS_20	11 19 55.2
H62A	Milan	P	P	11 02 36.9 -0.8
H62A	baz=314	S	S	11 08 58.4 +4.0
P57A	Homestead Farm	P	P	11 02 37.3 -0.5
P57A	Homestead Farm	IAMS_20	IAMS_20	11 20 25.1
R56A	Bull Pasture M	P	P	11 02 37.9 -0.6
R56A	baz=318,SNR=9.0	S	S	11 08 58.2 +2.4
KBS	Kingsbay	P	P	11 02 37.8 -0.4
KBS	comp=Z,32nm,0.9s	MLR	MLR	
KBS	comp=Z,10um,17.0s	MLR	MLR	
KBS	Kingsbay	P	P	11 02 44.0 +5.8
KBS	comp=Z,1um,3.4s	IVM_BB	IVM_BB	11 02 45.5
O58A	Lewisberry	P	P	11 02 38.2 -0.6
O58A	baz=317,SNR=19	S	S	11 08 59.3 +2.9
J61A	Chester	P	P	11 02 39.0 +0.3
J61A	baz=314,SNR=12	S	S	11 09 01.7 +5.5
Q57A	Strasburg	P	P	11 02 38.3 -0.5
Q57A	baz=318,SNR=13	S	S	11 09 00.7 +4.2
E63A	Oxbow	P	P	11 02 38.2 -0.6
E63A	baz=313,SNR=8.4	S	S	11 08 59.6 +3.1
E63A	Oxbow	P	P	11 02 38.1 -0.8
E63A	comp=Z,36um,18.0s	IAMS_20	IAMS_20	11 17 22.0
PAGS	Pennsylvania G	P	P	11 02 38.6 -0.4
PAGS	comp=Z,259nm,1.6s	IAMB	IAMB	11 02 43.5
PAGS	comp=Z,259nm,1.6s	IAMS_20	IAMS_20	11 20 18.8
N59A	State Game Lan	P	P	11 02 39.1 +0.1
N59A	baz=316,SNR=8.5	S	S	11 09 00.2 +3.4
N59A	State Game Lan	IAMB	IAMB	11 02 43.8
N59A	comp=Z,182nm,1.6s	IAMS_20	IAMS_20	11 19 60.0
PQI	Presque Isle	P	P	11 02 39.0 -0.1
PQI	comp=Z,34um,18.0s	IAMS_20	IAMS_20	11 20 13.0
L60A	Shokan	P	P	11 02 39.2 -0.2
L60A	baz=315,SNR=16	S	S	11 09 02.2 +4.7
L60A	baz=315	S	S	11 09 02.2 +4.7
W52A	Murphy	IAMS_20	IAMS_20	11 19 46.1
U54A	Nelsons Funny	P	P	11 02 39.6 0.0
U54A	baz=320,SNR=33	S	S	11 08 59.4 +1.5
K61A	Williamstown	P	P	11 02 39.7 +0.1
K61A	baz=315,SNR=11	S	S	11 09 03.7 +5.9
LRAL	Lakeview Retre	P	P	11 02 39.4 -0.3
LRAL	baz=315	S	S	11 08 58.8 +0.7
LRAL	baz=323,SNR=34	S	S	11 02 39.2 -0.9
F63A	Nahmaka, Br	P	P	11 02 39.7 -0.9

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F63A	baz=313	S	S	11 09 02.3 +3.7
F63A	Nahmaka, Br	P	P	11 17 28.7
T55A	Pulaski	P	P	11 02 39.6 -0.7
T55A	baz=319,SNR=16	S	S	11 09 02.9 +3.7
346A	Big Creek Wild	IAMB	IAMB	11 02 42.6
V53A	Saluda	IAMB	IAMB	11 02 42.9
O59A	Robesonia	P	P	11 02 40.2 -0.6
O59A	baz=317	S	S	11 09 04.5 +4.5
NATG	Natashquan Que	P	P	11 02 40.8 +0.1
NATG	Natashquan Que	P	P	11 02 40.0 -0.7
P58A	Pank, Wackersv	P	P	11 02 40.2 -0.6
P58A	baz=317	S	S	11 09 04.6 +4.4
I62A	Tamworth	P	P	11 02 40.2 -0.7
I62A	baz=314	S	S	11 09 05.3 +5.1
I62A	Tamworth	IAMS_20	IAMS_20	11 18 47.3
L61A	Hillsdale 1, H	P	P	11 02 40.5 -0.5
L61A	baz=315,SNR=8.4	S	S	11 09 07.0 +6.5
G63A	Kingsbury	P	P	11 02 40.7 -0.4
G63A	baz=313,SNR=5.7	S	S	11 09 05.1 +4.4
BLA	Blacksburg	P	P	11 02 40.8 -0.5
BLA	comp=Z,29um,18.0s	S	S	11 09 05.5 +4.5
BLA	Blacksburg	IAMS_20	IAMS_20	11 20 42.0
E64A	Bridgewater	P	P	11 02 40.7 -0.6
E64A	baz=313,SNR=17	S	S	11 09 03.7 +2.7
M60A	Port Jervis	P	P	11 02 41.4 -0.2
M60A	baz=316,SNR=12	S	S	11 09 06.6 +5.2
M60A	Peaks-Kenny Pk	P	P	11 02 41.4 -0.2
PKME	Peaks-Kenny Pk	S	S	11 09 05.6 +4.0
PKME	baz=313	P	P	11 02 41.3 -0.4
PKME	comp=Z,26um,18.0s	IAMS_20	IAMS_20	11 20 20.0
MVL	Millersville	P	P	11 02 41.2 -0.7
MVL	comp=Z,300nm,1.8s	IAMB	IAMB	11 02 46.6
H63A	New Sharon	P	P	11 02 41.9 0.0
S56A	Natural Bridge	P	P	11 02 41.3 -0.8
N60A	Cedar Hill Far	P	P	11 02 41.6 -0.6
N60A	baz=316	S	S	11 09 04.5 +2.0
F64A	Sherman	P	P	11 02 41.9 -0.4
F64A	baz=313,SNR=13	S	S	11 09 05.7 +3.1
F64A	Sherman	P	P	11 02 42.0 -0.2
F64A	comp=Z,37um,19.0s	IAMS_20	IAMS_20	11 17 38.0
Q58A	Fox Den Farm,	P	P	11 02 42.1 -0.4
Q58A	baz=318,SNR=11	S	S	11 09 07.2 +4.0
J62A	Henniker	P	P	11 02 42.8 +0.2
J62A	baz=315,SNR=12	S	S	11 09 08.7 +5.6
LUPA	Lehigh Univers	P	P	11 02 42.2 -0.4
LUPA	comp=Z,433nm,1.9s	IAMB	IAMB	11 02 47.4
LUPA	comp=Z,29um,21.0s	IAMS_20	IAMS_20	11 20 34.6
R57A	Stanardsville	P	P	11 02 42.5 -0.3
R57A	baz=318,SNR=11	S	S	11 09 08.3 +4.7
U55A	TA2, Sparta	P	P	11 02 42.7 -0.4
U55A	baz=320,SNR=31	S	S	11 09 08.1 +4.0
ODNJ	Ogdensburg	IAMB	IAMB	11 02 48.7
I63A	Otisfield	P	P	11 02 43.3 +0.2
I63A	baz=314	S	S	11 09 08.8 +4.7
I63A	Otisfield	IAMB	IAMB	11 02 48.8
L61B	Northampton	P	P	11 02 42.9 -0.4
L61B	baz=315	S	S	11 09 11.8 +7.2
V54A	Nebo	P	P	11 02 44.0 +0.4
V54A	baz=320,SNR=33	S	S	11 09 06.3 +1.1
P59A	Jarrettsville	P	P	11 02 43.2 -0.6
P59A	baz=317	S	S	11 09 09.4 +3.8
BATG	Bathurst New B	P	P	11 02 44.1 +0.1
BATG	Bathurst New B	P	P	11 02 44.1 +0.1
BATG	Bathurst New B	P	P	11 02 44.1 +0.1
BATG	comp=Z,120nm,1.0s	IAMB	IAMB	11 02 48.9
BATG	comp=Z,40um,18.0s	IAMS_20	IAMS_20	11 20 57.6
K62A	Royalton	P	P	11 02 44.1 +0.1
K62A	baz=315	S	S	11 09 12.0 +6.2
K62A	Royalton	IAMB	IAMB	11 02 49.3
K62A	comp=Z,211nm,1.6s	IAMS_20	IAMS_20	11 20 27.3
G64A	Maxfield	P	P	11 02 43.8 -0.1
G64A	baz=319,SNR=12	S	S	11 09 10.4 +4.7
T56A	Rocky Mt	P	P	11 02 43.6 -0.5
T56A	baz=319,SNR=11	S	S	11 09 10.1 +4.1
T56A	baz=319	S	S	11 09 10.1 +4.1
KSCT	Kent School, K	P	P	11 02 44.8 +0.7
KSCT	comp=Z,124nm,1.1s	IAMB	IAMB	11 02 50.1
KSCT	comp=Z,23um,22.0s	IAMS_20	IAMS_20	11 20 42.5
WVL	Waterville	P	P	11 02 43.4 -0.7
WVL	comp=Z,23um,22.0s	IAMS_20	IAMS_20	11 17 42.7
O60A	Telford	P	P	11 02 44.1 0.0
O60A	baz=317	S	S	11 09 09.4 +3.4
S57A	Dark Hollow, R	P	P	11 02 44.1 -0.1
S57A	baz=318	S	S	11 09 11.1 +4.9
S57A	Dark Hollow, R	P	P	11 02 44.1 -0.1
BG3	Lake Jocassee	P	P	11 02 43.1 -1.3
R58A	Rapidan	P	P	11 02 44.9 -0.1
R58A	baz=318,SNR=8.9	S	S	11 09 11.7 +4.0
R58A	baz=318	S	S	11 02 42.9 -2.0
ANGG	Ammassalik, Gr	P	P	11 18 54.5
ANGG	comp=Z,37um,18.0s	IAMS_20	IAMS_20	11 20 57.7
M61A	Granite Spring	P	P	11 02 44.9 -0.4
M61A	baz=316	S	S	11 09 14.2 +6.1

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J63A	Stratford	42.56	81	P	P	11 02 45.0 -0.3
J63A	baz=315	S	S	11 09 14.1 +5.8		
Z51A	Franklin	42.57	103	P	P	11 02 44.3 -1.3
Z51A	comp=Z,111nm,1.1s	IAMB	IAMB	11 02 49.2		
H64A	Troy	42.58	78	P	P	11 02 44.9 -0.6
H64A	baz=314	S	S	11 09 12.1 +3.7		
BRNJ	Basking Ridge	42.58	86	IAMS_20	IAMS_20	11 20 27.2
QUA2	Belchertown	42.60	83	P	P	11 02 46.2 +0.6
QUA2	comp=Z,34um,18.0s	IAMS_20	IAMS_20	11 20 16.9		
L62A	Suffield	42.62	83	P	P	11 02 45.7 0.0
L62A	baz=315	S	S	11 02 45.8 +0.1		
YAK	Yakutsk	42.64	316	P	P	11 02 45.8 +0.1
YAK	comp=Z,179nm,0.9s, baz=222,slow=0.6,SNR=45	LR	LR	11 23 04.8		
YAK	Yakutsk	42.64	316	P	P	11 02

25d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRLC, KRUC, WETZEL, and others.

2014 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRUC, KRUC, KRUC, and others.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CRVS, FETA, PCAB, and others.

25d 10h

DZA	baz=339	eS	S	11 16 23.6	-0.8
DZA	Taraz	76.37 339	eP	11 06 38.2	-0.6
DZA		e	S	11 08 49.9	
DZA		eS	P	11 16 23.5	-0.8
HUMER	Humele	76.42 13	PP	11 06 38.6	-0.4
PAE	Paea	76.42 192	eP	11 06 39.3	+0.1
PAE	comp=Z,30nm,1.4s				
PAE	76.42 192	eT	T	12 29 22.9	
PMPST	Porto Santo, M	76.43 48	eP	11 06 40.1	+0.8
PMPST	comp=Z,285nm,1.5s				
TOPG	Topolog	76.44 11	PP	11 16 35.1	+1.0
PMPST	Porto Santo	76.45 48	eP	11 06 40.2	
MEH	Mehetia	76.47 191	eT	12 29 26.8	
TVO	Taravao	76.50 192	eP	11 06 40.0	+0.3
TVO	comp=Z,70nm,0.3s				
TVO	76.50 192	eT	T	12 29 27.9	
PMAR	Madetrira	76.51 48	eP	11 06 40.8	+0.8
RUDO	Rudo	76.54 17	eP	11 06 39.0	-0.8
HARR	Harsova	76.58 11	PP	11 06 39.9	-0.1
TPUB	Ta-pu	76.60 293	eP	11 06 39.4	-1.1
TPUB	comp=Z,121nm,1.2s			11 06 42.6	
AML	Almayashu	76.63 337	P	11 06 41.5	+0.7
KNMB	Chin-men Tao	76.70 295	IAMS_20	IAMS_20	11 44 14.7
AQU	L'Aquila	76.71 22	Iamb	Iamb	11 06 55.3
AQU	comp=Z,72nm,1.0s				
TLBR	Topalu	76.74 11	PP	11 06 40.5	-0.4
PLE	Piljevija	76.82 17	PP	11 06 40.5	-1.0
TIRR	Tirgusor	76.86 11	PP	11 06 40.9	-0.6
TIRR	Tirgusor	76.86 11	PP	11 06 40.9	-0.6
TIRR	Tirgusor	76.86 11	PP	11 06 41.4	-0.1
TIRR	comp=Z,13um,21.0s				
TIRR	76.86 11	P	P	11 06 41.4	-0.1
UPVM	Unac-Piva	76.87 18	PP	11 06 40.5	-1.4
GOF	Gofitskoye	76.96 360	PP	11 06 41.1	-0.5
GOF	comp=Z,268nm,1.0s				
SFS	San Fernando	77.05 39	PP	11 06 42.6	-0.1
BRV	Bratogost	77.10 18	PP	11 06 42.0	-1.1
BRV	Bratogost	77.10 18	eP	11 06 42.4	-0.7
ANN	Anapa	77.12 4	eP	11 06 41.7	+1.3
ANN			ePP	11 06 45.2	+0.8
ANN			S	11 16 32.5	+0.2
ANN			e	11 17 02.5	
ANN	comp=N,66nm,1.2s				
ANN	comp=E,69nm,1.3s				
ANN	comp=Z,149nm,1.3s				
ANN	comp=E,3um,16.0s				
ANN	comp=Z,6um,16.0s				
ANN	comp=N,7um,20.0s				
INTR	Introdacqua	77.14 22	Iamb	Iamb	11 07 41.2
INTR	comp=Z,51nm,1.1s				
BZK	comp=Z,12um,21.0s				
CHM	Chimkent	77.25 340	eP	11 06 43.6	-0.2
CHM	baz=340		iPcP	11 06 54.2	-0.3
CHM	baz=340		eS	11 16 33.7	-0.2
CHM	Chimkent	77.25 340	eP	11 06 43.6	-0.2
CHM	Chimkent	77.25 340	eS	11 16 33.6	-0.3
TREB	Trebinje	77.25 18	eP	11 06 42.7	-1.1
NKY	Niksic	77.26 18	PP	11 06 43.0	-1.0
NKME	Niksic	77.30 18	PP	11 06 43.3	-0.8
KOME	Kolasin	77.31 17	PP	11 06 43.3	-0.9
IUG	Iuzhny	77.33 340	PP	11 06 44.4	0.0
IUG	comp=Z,282nm,2.4s, baz=340				
IUG	baz=340		eS	11 16 34.7	-0.4
IUG	Iuzhny	77.33 340	eP	11 06 44.4	0.0
IUG	Iuzhny	77.33 340	eS	11 16 34.6	-0.5
IUG	comp=Z,282nm,2.4s				
IVA	Berane	77.35 17	PP	11 06 43.5	-0.8
EMAL	Malaga-Limoner	77.35 37	PP	11 06 43.8	-0.7
PLVB	Plavcan	77.50 13	PP	11 06 44.2	-0.9
CEME	Cervo	77.51 18	PP	11 06 44.4	-0.9
HCY	Herceg Novi	77.54 18	PP	11 06 44.9	-0.5
RAZG	Razgrad	77.54 12	PP	11 06 44.6	-0.8
ARSB	Arslanbob	77.56 337	P	11 06 45.4	-0.3
ARSB	comp=Z,110nm,1.2s				
ARSB	Arslanbob	77.56 337	P	11 06 45.4	-0.3
ARSB	comp=Z,110nm,1.1s				
PVY	Plav	77.63 17	PP	11 06 45.1	-1.0
CD2	Chengdu	77.64 310	PP	11 09 42.3	+1.7
CD2			S	11 16 35.0	-3.6
CD2			SS	11 21 36.0	-1.0
CD2	comp=Z,80nm,1.1s				
CD2	comp=Z,2um,8.3s				
CD2	comp=Z,24um,22.6s				
CD2	comp=Z,31um,21.1s				
CD2	comp=Z,28um,17.2s				
CART	Cartagena	77.65 34	P	11 06 43.8	-2.2
CART	Cartagena	77.65 34	iS	11 16 44.6	+6.3
CART	comp=Z,66nm,0.8s				
CART	comp=Z,8um,20.0s				
PDG	Podgorica	77.68 18	eP	11 06 45.8	-0.3
PDG	Podgorica	77.68 18	PP	11 06 45.4	-0.8
PDG	Podgorica	77.68 18	P	11 06 45.6	-0.6
PDG	comp=Z,104nm,1.0s				
PDG	comp=Z,7um,19.0s				
TTG	Podgorica	77.68 18	PP	11 06 45.6	-0.6
SGRT	San Giovanni R	77.73 20	Iamb	Iamb	11 06 48.1
SGRT	comp=Z,114nm,1.6s				
SGRT	comp=Z,7um,21.0s				
BUM	Brajici-Budva	77.75 18	PP	11 06 45.8	-0.9
SZH	Strazhica	77.77 13	PP	11 06 45.7	-1.0
CEU	Ceuta	77.84 38	PP	11 06 54.6	+7.5
BCI	Bajram Curri	77.87 17	PP	11 06 48.1	+0.8
DRME	Dracevica, Mon	77.91 18	PP	11 06 46.9	-0.6
DRME	Dracevica, Mon	77.91 18	eP	11 06 46.2	-1.3
PRD	Pravdia	78.00 11	eP	11 06 48.0	+0.1
KIV	Kislovodsk	78.06 0	PP	11 06 47.0	-0.6
KIV	Kislovodsk	78.06 0	PP	11 06 48.4	0.0
KIV	Kislovodsk	78.06 0	eP	11 06 48.1	-0.3
KIV	Kislovodsk	78.06 0	eS	11 06 47.8	-0.6
KIV	Kislovodsk	78.06 0	eS	11 16 41.8	-1.0
KIV	Kislovodsk	78.06 0	eSS	11 21 43.5	+1.0
KIV	Kislovodsk	78.06 0	eSSS	11 25 07.5	
KIV	comp=Z,275nm,1.1s				
KIV	comp=Z,890nm,4.8s				
KIV	comp=Z,8um,19.0s				
VTS	Vitosha	78.08 15	PP	11 06 47.7	-0.9
VTS	Vitosha	78.08 15	iP	11 06 47.0	-1.6
VTS	Vitosha	78.08 15	Iamb	Iamb	11 06 49.7
VTS	comp=Z,54nm,1.1s				

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VTS	comp=Z,8um,20.0s				
ULC	Ulcinj	78.13 18	PP	11 06 47.9	-0.9
PUK	Puka	78.16 17	iP	11 06 48.3	-0.7
PAOL	Paolis	78.21 21	Iamb	Iamb	11 06 50.6
KBZ	Khabaz	78.29 360	P	11 06 49.1	-0.3
KBZ	comp=Z,60nm,0.9s, baz=309,slow=3.4, SNR=36				
KBZ	Khabaz	78.29 360	eP	11 06 49.2	-0.3
KBZ	comp=Z,62nm,0.9s				
KBZ	comp=Z,5um,18.0s				
SKO	Skopje	78.46 16	iP	11 06 50.4	-0.1
VSL	Vlasje	78.59 26	P	11 06 51.2	-0.1
VSL	comp=Z,61nm,1.1s				
VSL	comp=Z,10um,20.0s				
PHP	Peshkopia	78.59 17	P	11 06 50.2	-1.1
JMB	Yambol	78.64 12	P	11 06 50.6	-0.9
KSH	Kashi	78.64 334	P	11 06 54.3	+2.6
KSH	Kashi	78.64 334	P	11 06 58.0	-2.7
KSH	Kashi	78.64 334	P	11 06 55.0	+6.2
KSH	Kashi	78.64 334	P	11 06 51.2	-2.2
KSH	Kashi	78.64 334	P	11 06 51.3	-0.1
KSH	comp=Z,190nm,1.1s				
KSH	comp=Z,6um,16.5s				
KSH	comp=Z,9um,13.9s				
KSH	comp=Z,10um,17.9s				
PLD	Plodiv	78.77 14	P	11 06 51.1	-1.1
GROC	Groznyy	78.78 358	eP	11 06 50.5	-1.8
GROC	comp=Z,60nm,1.2s				
KKB	Krapnik	78.80 15	iP	11 06 51.4	-1.0
TIR	Tirane	78.83 17	P	11 06 51.5	-1.1
TIR	Tirane	78.83 17	iP	11 06 52.3	-0.3
TIR	Tirane	78.83 17	PP	11 06 52.9	+0.3
TIR	Tirane	78.83 17	Iamb	Iamb	11 06 58.1
TIR	comp=Z,65nm,1.0s				
STIP	Stip	78.84 16	iP	11 06 52.0	-0.6
PVLZ	Pezen de	78.85 38	PP	11 06 49.8	-2.9
PVLZ	Pezen de	78.85 38	iS	11 16 53.6	+2.4
MAK	Makhachkala	78.98 357	eP	11 06 45.8	-7.5
MAK	MAK	78.98 357	e	11 09 46.4	
MAK	MAK	78.98 357	eS	11 16 40.4	-1.2
MAK	MAK	78.98 357	eSS	11 21 51.2	-4.9
MAK	MAK	78.98 357	eSSS	11 25 16.6	
MAK	MAK	78.98 357	eSSS	11 25 16.6	
MATE	Mate	78.98 20	PP	11 06 53.6	+0.3
MMB	Musomiste	79.16 14	P	11 06 54.2	-0.2
MELI	Mellilla	79.17 37	PP	11 06 51.4	-3.1
MELI	Mellilla	79.17 37	iS	11 16 58.5	+3.8
RZN	Rozhen	79.19 14	iP	11 06 54.2	-0.6
OHR	Ohrid	79.21 17	iP	11 06 54.6	-0.2
ZEI	Tsey	79.22 359	eP	11 06 52.7	-2.3
ZEI	ZEI	79.22 359	eS	11 16 53.8	-1.7
ZEI	ZEI	79.22 359	eS	11 16 53.8	-1.7
VAY	Valandovo	79.26 15	iP	11 06 54.8	-0.1
EDBR	Edirne	79.27 12	P	11 06 52.7	-0.8
KDZ	Kurdzhal	79.31 13	iP	11 06 54.8	-0.4
KDZ	Kurdzhal	79.31 13	P	11 06 55.1	-0.1
NVR	Nevrokopi	79.41 14	P	11 06 55.0	-0.8
KNT	Kendrikoi	79.46 15	P	11 06 55.9	-0.2
AVE	Averroes	79.52 41	eP	11 06 50.7	-5.8
SRAL	Serral	79.60 15	P	11 06 55.1	-0.7
BZK	Bozkurt	79.78 7	P	11 06 55.8	-1.9
RDO	Rodhopi	79.82 13	P	11 06 57.7	-0.3
RDO	Rodhopi	79.82 13	P	11 06 58.2	+0.2
SCTE	Santa Cesarea	79.85 19	Iamb	Iamb	11 06 59.9
SCTE	comp=Z,144nm,1.1s				
SCTE	comp=Z,6um,18.0s				
SOH	Sokhos	79.86 15	P	11 06 57.3	-1.0
THE	Thessaloniki	79.99 15	P	11 06 57.7	-1.2
SLVT	Silvri	80.03 11	P	11 06 58.8	-1.0
HORT	Hortiatis	80.05 15	P	11 06 58.4	-0.9
HORT	Hortiatis	80.05 15	P	11 06 58.2	-1.1
CTKS	Kestaneli-??a	80.06 11	P	11 07 00.0	+0.8

comp=Z,0.9nm,0.8s,baz=32,slow=5.5,SNR=6.1

QSPA	South Pole Qui	147.63 180	PKPbc	PKPbc	11 19 05.9	+0.0
QSPA	South Pole Qui	147.63 180	PKPbc	PKPbc	11 19 06.2	+0.3
BOSA	Goshof	150.78 360	PKPbc	PKPbc	11 19 14.6	-0.5

comp=Z,11nm,1.1s,baz=0.1,slow=3.3,SNR=2.0

HEL 25 11:01:54.0,1.65:80N:24.70E,h0km,ML0.8, Explosion,Finland

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TOF	Tornio	0.92 332	eP	Pg	11 01 59.5	+0.6	
TOF	Tornio	0.92 332	eP	Sg	11 02 03.7	-0.6	
TOF	Rovaniemi	0.37 337	eP	Pb	11 02 11.6	-1.0	
RNF			eS	Sb	11 02 27.3	+0.2	
OBF4	Vikkela, Lumij	1.00 170	eP	Pg	11 02 11.9	-1.0	
OBF4			eS	Sb	11 02 25.0	-0.5	
ERTU	Ertjaerav	1.27 308	eP	Pg	11 02 16.9	-1.4	
ERTU			eS	Sb	11 02 33.6	-1.2	
OBFO	Syöjäti, Pyha	1.32 189	eP	Pg	11 02 34.1	-2.2	
OUF	Mielatti	1.44 179	eP	Pg	11 02 19.8	-1.5	
OUF			eS	Sg	11 02 37.8	-2.3	
OUF			MSG	Pb	11 02 39.2		

comp=Z,0.6nm,0.2s

BURU	Burvik	1.86 231	eP	Pb	11 02 27.5	+0.5
BURU			eS	Sb	11 02 52.7	+0.2
LANU	Lannavaara	2.50 336	eP	Pb	11 02 37.6	+1.7
LANU			eS	Sb	11 03 10.6	+0.5
UMAU	Umeaa	2.58 224	eP	Pb	11 02 37.1	+0.2
UMAU			eS	Sb	11 03 08.3	-0.6

YARS 25 11:07:20.5,0.0,68:44N:141.95E,h13km,ML1.5/5, Eastern Siberia

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
DEPR	Deputatskiy	1.21 323	eP	Pb	11 07 42.3	-0.7	
DEPR			eS	Sb	11 07 58.3	-0.4	
YBVC	Belaya Gora	1.57 85	eP	Pg	11 07 48.9	-0.3	
YBGR			eS	Sb	11 08 09.6	+0.6	
MOMR	Moma	2.04 166	eP	Pb	11 07 55.2	+0.6	
MOMR			eP	Pb	11 07 57.5	+0.1	
MOMR			eS	Sb	11 08 20.9	+1.1	
MOMR			eS	Sb	11 08 20.9	+1.1	
MOMR			eS	Sb	11 08 24.5	-1.6	
BTGS	Batagay	2.86 257	eP	Pb	11 08 06.6	+0.8	
BTGS			eP	Pb	11 08 12.2	+0.9	
BTGS			eS	Sb	11 08 41.0	+1.1	
BTGS			eS	Sb	11 08 41.0	+1.1	
BTGS			eS	Sb	11 08 50.2	-2.0	
UNR	Ust-Nera	3.92 172	eP	Pb	11 08 21.1	+0.8	
UNR			eP	Pb	11 08 31.4	+1.9	
UNR			eS	Sb	11 09 07.0	+0.7	
UNR			eS	Sb	11 09 07.0	+0.7	
UNR			eS	Sb	11 09 23.3	-3.0	

ICD 25 11:08:39.2,0.9,58:33N:137.13W,h0km,mb3,7/5, mb1 4.7/1.1,mb1mx3.8/7.1,mbmp3.9/11,ML3.7/5,Error ellipse: s-maj=16.0km s-min=9.5km az=27.0

NEIC 25 11:08:39.2,1.9,58:26N:0:04:137:12W,0.05,h10km,1km, Error ellipse: s-maj=6.6km s-min=3.4km az=209.0

AEIC 25 11:08:40.2,2.3,58:30N:0:04:136:99W,0.07,h10km,4km, ML4.1/81,mb4.4/2(NEIC),ML4.2(OTT),Error ellipse: s-maj=6.8km s-min=4.1km az=213.0

PGC 25 11:08:43.5,5.8,58:49N:137.48W,h10km,mb4.5, ML4.2/11,ML4.2/11,146km Ese of Yakutat, Ak4, Southeastern Alaska

ISC 25 11:08:39.3,0.5,58:33N:0:03:137:09W,0:03,h10km, n163,r153/203, Southeastern Alaska

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
BESE	Bessie Mountai	1.20 77	Pb	Pb	11 08 60.0	-2.2	
BESE			Pb	Pb	11 09 14.5	-3.1	
BESE	Bessie Mountai	1.20 77	Pb	Pb	11 09 00.1	-2.0	
JIS	Juneau Island	1.43 91	Pn	Pb	11 09 03.7	-1.5	
YKUZ	Yakutat	1.79 313	Pb	Pb	11 09 10.7	-1.3	
YKUZ			Sg	Pg	11 09 37.0	+0.3	
PNL	Peninsula	1.80 319	Pn	Pb	11 09 10.5	-1.7	
PNL			Sb	Pb	11 09 34.0	-0.8	
PNL	Peninsula	1.80 319	Pn	Pb	11 09 34.0	-0.8	
YUK7	Dusty Glacier	2.27 347	Pn	Pb	11 09 17.5	+0.6	
YUK7			Sg	Pb	11 09 47.8	-0.9	
YUK7	Dusty Glacier	2.27 347	Pn	Pb	11 09 17.6	+0.6	
YUK7	Dusty Glacier	2.27 347	Pn	Pb	11 09 47.0	-1.6	
PCA	Pinnacle	2.41 319	Pn	Pb	11 09 18.0	-0.3	
PCA			Sb	Pb	11 09 49.1	+0.8	
PCA	Pinnacle	2.41 319	Pn	Pb	11 09 19.1	+0.3	
PCA	Pinnacle	2.41 319	Pn	Pb	11 09 49.0	+0.8	
HYT	Haines Junctio	2.51 355	Pn	Pb	11 09 20.7	+0.5	
HYT			Sg	Pb	11 09 20.0	-0.2	
HYT	Haines Junctio	2.51 355	Pn	Pb	11 09 55.0	-0.4	
WHY	Whitehorse	2.59 25	Pn	Pb	11 09 22.5	+1.1	
WHY			Sb	Pb	11 09 57.3	-0.5	
WHY	Whitehorse	2.59 25	Pn	Pb	11 09 22.0	+0.7	
WHY	Whitehorse	2.59 25	Pn	Pb	11 09 22.0	+0.7	
YUK6	Outpost Mounta	2.70 347	Pn	Pb	11 09 23.1	+0.1	
YUK6			Sg	Pb	11 09 59.4	-1.6	
YUK6	Outpost Mounta	2.70 347	Pn	Pb	11 09 23.0	+0.1	
YUK6			Sb	Pb	11 09 59.0	-2.0	
YUK6	Chaix Hills	2.70 312	Pn	Pb	11 09 24.1	+1.3	
YUK6	Granite Creek	2.84 352	Pn	Pb	11 09 18.6	-0.2	
YUK6			Sb	Pb	11 09 06.5	+1.7	
YUK6	Granite Creek	2.84 352	Pn	Pb	11 09 24.0	-0.7	
YUK6			Sg	Pb	11 10 06.0	+1.1	
RKAV	Rock Avalanche	2.94 314	Pn	Pb	11 09 27.6	+1.4	
RKAV			Sg	Pb	11 10 07.9	0.0	
RKAV	Rock Avalanche	2.94 314	Pn	Pb	11 09 27.0	+0.8	
RKAV			Sb	Pb	11 10 07.0	-0.9	
TABL	Table Mountain	2.96 317	Pn	Pb	11 09 27.4	+0.9	
TABL			Sg	Pb	11 10 08.0	-0.5	
TABL	Table Mountain	2.96 317	Pn	Pb	11 09 27.0	+0.5	
TABL			Sb	Pb	11 10 07.0	-1.5	
MESA	MESA	3.11 309	Pn	Pb	11 09 28.7	+0.2	
MESA			Sg	Pb	11 10 13.9	+1.2	
MESA	MESA	3.11 309	Pn	Pb	11 09 28.9	+0.4	
MESA	Talbot Arm	3.12 346	Pn	Pb	11 09 29.9	+1.1	
MESA	Talbot Arm	3.12 346	Pn	Pb	11 09 29.0	+0.3	
YAH	Yahates	3.14 313	Pn	Pb	11 09 29.9	+1.0	
LOGN	Logan Glacier	3.20 323	Pn	Pb	11 09 29.8	+0.2	
LOGN			Sg	Pb	11 10 15.1	-0.1	
LOGN	Logan Glacier	3.20 323	Pn	Pb	11 09 29.0	-0.7	
LOGN			Sg	Pb	11 10 15.0	-0.2	
WRAK	Wrangell Islan	3.20 125	Pn	Pb	11 09 28.2	+0.6	
BAGL	Bagley Icefiel	3.35 312	Pn	Pb	11 09 32.2	+0.6	
GRNC	Granite Creek	3.38 317	Pn	Pb	11 09 31.9	-0.3	
GRNC			Sg	Pb	11 10 18.9	-1.8	
GRNC	Granite Creek	3.38 317	Pn	Pb	11 09 31.0	-1.3	
GRNC			Sb	Pb	11 10 18.0	-2.6	
CTGM	Chitina Glacie	3.41 323	Pn	Pb	11 09 29.2	+0.3	
CTGM			Sg	Pb	11 10 20.6	-0.7	
CTGM	Chitina Glacie	3.41 323	Pn	Pb	11 09 33.8	+1.2	
BARK	Barkley Ridge	3.46 309	Pn	Pb	11 09 33.3	+0.6	
KULT	Kulltither River	3.47 306	Pn	Pb	11 09 33.2	-0.1	
ISLE	Juniper Island	3.52 313	Pn	Pb	11 09 35.4	+1.3	
BARN	Barnard Glacie	3.59 323	Pn	Pb	11 09 36.5	+1.5	
DLBC	Dease Lake	3.72 85	Pn	Pb	11 09 36.9	+0.2	
DLBC			Pg	Pb	11 09 44.8	-0.2	
DLBC			Lg	Lg	11 10 34.3		
DLBC			Lg	Lg	11 10 34.3		
DLBC	Dease Lake	3.72 85	Pn	Pb	11 09 44.8	-0.2	

DLBC	Dease Lake	3.72 85	Pn	Pb	11 09 33.1	+2.9
DLBC	Dease Lake	3.72 85	Pn	Pb	11 09 38.0	+1.2
DLBC	Dease Lake	3.72 85	Pn	Pb	11 10 33.0	+2.9
DLBC	Kiagna River	3.73 316	Pn	Pb	11 09 37.4	+0.4
KIAG			Sg	Pb	11 09 29.7	+0.8
KIAG			Pg	Pb	11 09 27.0	+0.0
KIAG	Kiagna River	3.73 316	Pn	Pb	11 09 29.0	-1.6
KIAG			Sg	Pb	11 09 38.6	+1.5
GRIN	Grindlie Hills	3.75 304	Pn	Pb	11 09 38.6	+1.5
TGL	Tana Glacier	3.80 312	Pn	Pb	11 09 39.1	+1.2
BALM	Baldy	3.80 318	Pn	Pb	11 09 37.7	-0.2
BALM			Sg	Pb	11 09 31.8	-0.8
BALM	Baldy	3.80 318	Pn	Pb	11 09 31.8	-0.8
YUK3	Moose Creek	3.85 335	Pn	Pb	11 09 39.6	+1.0
YUK3			Pg	Pb	11 09 47.8	+0.6
YUK3	Moose Creek	3.85 335	Pn	Pb	11 09 40.7	-2.0
YUK3			Pg	Pb	11 09 39.0	+0.4
YUK3			Pg	Pb	11 09 47.0	+0.3
YUK3			Sg	Pb	11 10 40.0	-2.7
SUCK	Suckling Hills	3.86 300	Pn	Pb	11 09 38.3	-0.3
CRQM	Crucque	3.92 311	Pn	Pb	11 09 40.5	+0.8
YUK2	White River	3.94 333	Pn	Pb	11 09 41.7	+1.8
YUK2			Sg	Pb	11 09 43.0	-2.8
YUK2	White River	3.94 333	Pn	Pb	11 09 41.0	+1.1
YUK2			Sg	Pb	11 09 43.0	-2.8
YUK2			Pg	Pb	11 09 41.1	+1.1
PTPK	Patty Peak	3.95 319	Pn	Pb	11 09 41.1	+1.1
PTPK			Sb	Pb	11 09 41.1	+1.1
PTPK	Patty Peak	3.95 319	Pn	Pb	11 09 41.0	+1.0
PTPK			Sb	Pb	11 09 41.0	+1.0
PTPK			Sb	Pb	11 09 41.0	+1.0
BERG	Berg Lake	3.97 304	Pn	Pb	11 09 41.5	+1.5
NICHA	Nichawak Mount	4.01 301	Pn	Pb	11 09 40.8	+0.1
KAIM	Kayak Island	4.10 296	Pn	Pb	11 09 41.4	-0.5
HMT	Hamilton	4.19 302	Pn	Pb	11 09 43.0	-0.2
YUK1	Sand Pete Hill	4.20 337	Pn	Pb	11 09 42.8	-4.8
YUK1			Sg	Pb	11 09 49.2	-4.8
YUK1	Sand Pete Hill	4.20 337	Pn	Pb	11 09 43.0	-0.4
YUK1			Sg	Pb	11 09 49.0	-5.0
YUK1			Sg	Pb	11 09 48.8	+1.4
VRDI	Verde Repeater	4.23 315	Pn	Pb	11 09 45.1	+0.8
RAGG	Ragged Mountai	4.40 301	Pn	Pb	11 09 47.4	-0.2
GOAT	Goat Mountain	4.50 303	Pn	Pb	11 09 47.4	-0.2
BEAVER	Beaver Creek	4.50 337	Pn	Pb	11 09 48.0	+0.5
BVCY			Pg	Pb	11 09 57.7	-0.6
BVCY			Pg	Pb	11 09 59.8	-3.9
BVCY	Beaver Creek	4.50 337	Pn	Pb	11 09 47.0	-0.5
BVCY			Pg	Pb	11 09 57.7	-0.6
BVCY			Sg	Pb	11 09 59.0	-4.7
GLB	Gilahina Butte	4.60 316	Pn	Pb	11 09 49.8	+0.9
EYAK	Cordova Ski Ar	4.95 300	Pn	Pb	11 09 53.8	+0.2
HIN	Hinchinbrook I	5.24 297	Pn	Pb	11 09 57.0	-0.6
ECAR	East Caribou Cr	5.25 336	Pn	Pb	11 09 54.0	+0.7
FIN	Port Fidalgo	5.36 301	Pn	Pb	11 09 59.4	+0.3
KLU	Klutina	5.46 309	Pn	Pb	11 10 01.7	+1.1
RUBB	Prince Rupert	5.53 134	Pn	Pb	11 10 01.5	+0.0
RUBB			Pg	Pb	11 10 18.2	+2.4
RUBB			Sg	Pb	11 10 19.0	-5.6
RUBB	Prince Rupert	5.53 134	Pn	Pb	11 10 01.5	-2.2
MENT	Mentasta	5.66 328	Pn	Pb	11 10 04.1	+0.8
GLI	Glacier Island	5.69 301	Pn	Pb	11 10 03.3	-0.4
H02N1	VAN INLET T-PH	5.70 151	Sn	Sb	11 11 07.5	-1.9
H02S1	DAWSON INLET T	5.76 151	Sn	Sb	11 11 09.0	-1.7
DAWY	Dawson	5.86 350	Sn	Sb	11 10 06.4	+0.3
DAWY			Sg	Pb	11 10 03.1	-0.1
DAWY			Sg	Pb	11 11 41.9	-5.3
DAWY	Dawson	5.86 350	Sn	Pb	11 10 06.5	+0.5
SCW	Sheep Creek Mo	6.21 309	Pn	Pb	11 10 11.2	+0.3
PAX	Paxson	6.21				

25d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WUAZ Wupatki, KLR Kul'dur, TXAR Lajitas Array, etc.

PGC 25.1:19:34.5:0.1, 58:20N:137:15W, h1km, ML4.9/11, Mw5.0, 150km Wsw of Haines, Ak Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESE Bessie Mountai, BESE Bessie Mountai, BESE Bessie Mountai, etc.

2014 JUL

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TABL Table Mountain, MESA MESA, YUKA Talbot Arm, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR 0.5nm,0.3s,baz=153,slow=13,SNR=20, ILAR Eielson Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR Pinedale Array, HWUT Hardware Ranch, NVAR Mina Array Bea, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV Zalesovo Beam, SLIT Slitere, Latvii, PBUR Paburge, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRTR Keskin Array B, KEST Kesra, etc.

13C 25 11:24:03.0L46.0, 13:11S:175.79W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/55, mbtmp4.1/3, MS5.0/1, Ms1 5.0/1, ms1mx3.8/37, Error ellipse: s-maj=868.3km

NEIC 25 11:24:07.0, 9, 13:16S:0:10:176:2W:0.1, h10km, 2km, mb4.4/11, Error ellipse: s-maj=24.2km s-min=16.6km az=87.0

ISC 25 11:24:11.0, 2.7, 13:25S:0.4A:176:2W:0.3, h35km, n16, mb7.5/6, mb4.2/9, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSVF Nonsavu, STKA Stephens Creek, etc.

ISK 25 11:28:51.8, 36:89N:42:00E, h1km, ML3.7/19 DDA 25 11:28:52.9, 36:87N:42:00E, h23km, ML3.6

ISN 25 11:28:53.6, 1.4, 36:83N:42:01E, h0km, 999km, ML3.2

ISC 25 11:28:53.8, 1.5, 36:91N:0:03:41:99E:0:03, h2km, 11km, n33, c191/49, Iraq

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SIRR Sirkak, SIRT Sirkak, MARD Mardin, etc.

13C 25 11:33:19.5:0.8, 6:85N:73:02W, h163km, 9km, mb3.1/2,

mb1 3.4/4. mb1mx3.0/34. mbtmp3.7/4. Error ellipse: s-maj=39.9km s-min=7.6km az=132.0

RSCN 25 11:33:20.8. 1.1. 6.85N.73.15W, h142km, 5km, ML3.6, Mw3.8

ISC 25 11:33:18.4. 0.9. 6.86N.0.03:73.10W.0.03, h157km, 6km, n39, r160/74, 4C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BARC, PAMC, RUSC, TAMC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BESE, JIS, YKAT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like WMQ, CMAP, BESE, etc.

AEIC 25 11:33:55.9. 1.7. 58.28N.0.04:137.07W.0.04, h5km, 5km, m-l4.0, 6m, mb4.0/6(NC), Error ellipse: s-maj=6.0km

ISC 25 11:33:55.5. 0.6. 58.30N.0.05:137.02W.0.04, h5km, n114, r127/115, mb3.8/10, Southeastern Alaska

DMC 25 11:53:19.9. 1.1. 59.36N.137.05W, h0km, mb2.9/1, mb1 3.7/7, mb1mx3.4/49, mbtmp3.5/7, ML3.6/6, Error ellipse: s-maj=18.6km s-min=10.5km az=29.0

NEIC 25 11:53:55.2. 1.9. 58.31N.0.05:136.96W.0.07, h10km, 1km, Error ellipse: s-maj=9.6km s-min=5.0km az=201.0

ISC 25 11:59:55.1,0.6,58.31N,0.06:137.03W,0.04,h10km,
n116,e18/30/120,mb3.6,Southeastern Alaska

Error ellipse: s-maj=15.0km s-min=12.4km az=105.0
KRNET 25-12:03:25.5,0.1,39.26N:75.39E,mb3.0,9C-4D,
Southern Xinjiang

IL31 Eielson Array 8.02 328 Pn Pn 12 13 46.2 -0.0
ILAR 0.1nm,0.3s,baz=154,slow=13,SNR=11 Lg 12 13 46.0 -0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like BESE, BESE, JIS, YKUZ, PNL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like KZA, KZA, UCH, UCH, AML, AML, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like ILAR, ILAR, SPU, SPU, etc.

NNC 25 12:03:06.5,1.9,39.06N:75.09E,h0km,mb3.5,mpv3.2,

AEIC 25 12:11:49.3,1.7,58.25N:105.137:11W,0.06,h4km,2km,
ML3.7,Error ellipse: s-maj=7.5km s-min=4.6km az=192.0
IDC 25 12:11:49.5,1.0,58.43N:137.02W,h0km,mb3.8/2,
mb1 3.77,mb1mx3.5/52,mbtmp3.77,ML3.6/5,MS4.1/1,
MS1 4.1/1,ms1mx3.3/53,Error ellipse: s-maj=17.4km
s-min=8.5km az=32.0

NEIC 25 12:13:05.1,2.3,58.17N:108.008:136.99W,0.07,h10km,2km,
ML3.5,Error ellipse: s-maj=13.3km s-min=5.6km
az=191.0,Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like LVC, YJA, MOCB, etc.

CNRM 25 15:41:54.4±1.0, 35.55N±8.87W, h92km±23km, Error ellipse: s-maj=6.9km s-min=4.6km az=104.0, INMG 25 15:41:57.0±1.1, 35.68N±8.82W, h31km, MD2.9, ML2.9, Error ellipse: s-maj=3.4km s-min=1.7km az=78.0, MDD 25 15:41:57.0±0.2, 35.70N±8.81W, h51km±4km, mb4.5/26, Error ellipse: s-maj=1.5km s-min=1.0km az=38.0, PRXIMO LDG 25 15:41:57.0±0.5, 35.19N±8.37W, h3km, MG.6/4, Error ellipse: s-maj=10.0km s-min=5.8km az=32.0, IGLI 25 15:41:57.2, 35.67N±8.83W, h31km, LCR.1, ISC 25 15:41:56.6±1.3, 36.05N±0.04±8.43W±0.04, h16km±6km, n132, c306/202, 4C-13D, West of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like EGRO, EGRO, PBEJ, PBEJ, PNCL, PNCL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like EBEB, EBEB, GORA, GORA, EQES, EQES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like PFVI, PFVI, PFVI, PFVI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like PCBR, PCBR, ELGU, ELGU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PCVE, and various station identifiers like EMOS, EMOS, EARL, EARL, etc.

MTKI	Muara Teweh, K	40.43 228	P	P	17 13 21.7	-0.5
PBKT	Sadao Pong	41.00 262	P	P	17 13 25.9	-1.0
HNR	Honiara	41.21 155	LR	LR	17 33 42.4	
BILL	comp-Z,28nm,18.1s,baz=351,slow=41					
BILL	Bilbino	41.45	13	P	17 13 29.1	-0.8
BILL	comp-Z,27nm,2.5s					
BILL	Bilbino	41.45	13	P	17 13 29.0	-0.9
CHTO	Chiang Mai	41.87 266	P	P	17 13 32.7	-1.3
CHTO	comp-Z,8.0nm,1.4s					
CHTO	Chiang Mai	41.87 266	P	P	17 13 32.7	-1.3
CMAR	Chiang Mai Arr	42.00 266	P	P	17 13 34.1	-1.0
COEN	Coen	42.58 181	P	P	17 13 38.4	-1.3
COEN	comp-Z,1.7nm,0.9s					
SOEI	Soe	42.71 209	P	P	17 13 41.0	+0.1
SOEI	comp-Z,2.3nm,0.8s					
SOEI	Soe	42.71 209	P	P	17 13 39.4	-1.5
SOEI	comp-Z,2.3nm,0.8s					
SOEI	Soe	42.71 209	P	P	17 14 14.7	
SPIA	Saint Paul Isl	42.78 35	P	P	17 13 40.8	-0.2
MTN	Manton Dam	43.19 198	P	P	17 13 42.1	-2.5
TIXI	Tiksi	43.59 353	P	P	17 13 46.7	-0.6
TIXI	comp-Z,4.8nm,0.6s,baz=228,slow=5.6,SNR=3.3					
TIXI	Tiksi	43.59 353	P	P	17 13 46.7	-0.6
TIXI	comp-Z,3.8nm,1.7s					
KNRA	Kunurra	46.56 200	P	P	17 14 10.0	-1.4
KNRA	comp-Z,4.0nm,1.6s					
WMQ	Urumqi	46.60 304	eP	P	17 14 12.8	+1.1
WMQ	comp-Z,18nm,1.3s					
WMQ	comp-Z,5.7nm,3.7s					
WMQ	comp-Z,3.90nm,29.1s					
WMQ	comp-Z,3.90nm,29.1s					
WMQ	Urumqi	46.60 304	P	P	17 14 12.6	+0.9
WMQ	comp-Z,6.8nm,0.3s					
WMQ	Urumqi	46.60 304	P	P	17 14 12.6	+0.9
KULM	Kulim	46.92 248	P	P	17 14 14.4	0.0
DGZ	Jazzator, Alta	46.98 312	iP	P	17 14 14.9	+0.2
DGZ	comp-Z,12nm,1.0s					
IPM	Iloh	47.08 247	P	P	17 14 14.6	-1.1
IPM	comp-Z,1.4nm,0.9s					
ANM	Nome	47.81 27	P	P	17 14 22.1	+1.4
ANM	comp-Z,4.6nm,1.0s					
ANM	Nome	47.81 27	P	P	17 14 22.1	+1.4
ZSN	Zaisan	48.58 309	iP	P	17 14 27.3	+0.2
ZSN	comp-Z,9.1nm,1.0s,baz=309					
ZSN	Zaisan	48.58 309	iP	P	17 14 27.2	+0.2
ZSN	comp-Z,9.0nm,1.0s					
ZAAO	Zalesovo Array	49.00 318	P	P	17 14 29.2	-0.9
ZAAO	comp-Z,10.0nm,0.8s,baz=106,slow=7.1,SNR=13					
ZAAO	Zalesovo Array	49.00 318	P	P	17 14 29.1	-0.9
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 53.3	-0.5
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,10.0nm,0.8s,baz=106,slow=7.1,SNR=13					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
ZALV	Zalesovo Beam	49.00 318	P	P	17 14 29.2	-0.9
ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52.4	0.7
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ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
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ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
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ZALV	comp-Z,7.1nm,18.8s,baz=101,slow=38					
ZALV	Zalesovo Beam	49.00 318	P	P	17 15 52	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like B05A Bryant, E04D Cinebar, HAMF Hammerfest, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like HLID Hailey, HLID Hailey, LRM Limekiln Ridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, etc.

25d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLMT, BW06, PD31, PDAR, etc.

ANF 25 18:28:52.2, 0.5, 65.58N; 144:79W, h0km, ML4.2/8, Error ellipse: s-maj=5.7km s-min=3.6km az=34.0

2014 JUL

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

IDC 25 18:46:51.6, 3.2, 5.47S; 140:66E, h0km, mb3.7/1, mb1 3.8/4, mb1mx3.5/29, mbtmp3.6/4, ML3.7/3, MS2.6/1, Ms1 2.6/1, ms1mx2.3/33, Error ellipse: s-maj=121.1km s-min=26.3km az=97.0, Irian Jaya

1228

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

BGS 25 19:05:25.8, 0.7, 53.72N; 139E, h25km; 8km, ML2.7, LDG 25 19:05:26.0, 0.1, 53.71N; 141E, h24km, MI2.9/5, Error ellipse: s-maj=2.1km s-min=1.6km az=179.0

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

SKHL 25 18:57:26.2, 0.5, 44.10N; 150.00E, h40km; 1km, mb4.1/2, JMA 25 18:57:28.7, 0.7, 44.54N; 149.73E, h30km, M3.7, IDC 25 18:57:29.1, 2.9, 45.07N; 149.76E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/36, mbtmp3.6/5, ML3.2/1, Error ellipse: s-maj=81.4km s-min=33.3km az=172.0

Table with columns: CEDE, Laguna Cedee, 1.68 129, i P, Pn, 19 47 22.2 +0.1, etc. Includes station names like Arenal, Esperanzas, San Ramn, La Lucha 2.

ARCES ARCESS Array B 49.80 334 P P 20 12 39.8 -0.6

Table with columns: FIA1, FINESS Array S, 49.99 323, P, Iamb, P, 20 12 41.6 -0.3, etc. Includes station names like FINESS Array B, Malin Array B, Keskin Array B.

ARG Arkhangelos 2.26 54 P P 20 10 57.5 -0.4

Table with columns: DAT, Data, 2.29 37, i P, Pb, 20 10 56.7 -1.7, etc. Includes station names like Antikythira Is, Kithira Island, Turunc, Datalyn (Mula).

JKA Kamikawa-asahi 5.15 271 P Pn 20 51 41.4 +1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ASAJ, ERM, JNBK, YSS, etc.

JMA 25 22:23:22.0 3.0 43' 16N:147' 63E, h22km, M3.6
SKHL 25 22:23:22.0 3.0 43' 20N:147' 30E, h56km, 1km, mb4.5/3
ISC 25 22:23:19.5 3.7, 43' 22N:0.1:147' 7E:0.1, h5km, 18km, n15,

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

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

ISC 25 22:30:38.6 0.6 57' 92S:25' 28W, h0km, mb4.3/9,
M1 4.3/1.1, mb1mx4.2/2.5, mbtmp4.3/1.1, ML4.1/2, MS3.2/5,
ms1 3.2/5, ms1mx3.0/1.8, Error ellipse: s-maj=26.1km
s-min=16.3km az=76.0

NEIC 25 22:30:45.8 2.1, 58' 03S:0.09:25' 1W:0.2, h58km, 3km,
mb4.6/30, Error ellipse: s-maj=14.9km s-min=12.1km
az=50.0

ISC 25 22:30:45.0 0.4, 58' 05S:0.07:25' 12W:0.09, h49km, n64,
i194/63, mb4.5/19, MS3.1/3, South Sandwich Islands
region

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

Table with columns: ILAR, Eielson Array, 152.27 308, PKPbc, PKPbc, 22 50 33.6, 0.0

IDC 25 22:31:02.5 1.1, 2' 64S: 138' 96E, h0km, mb3.8/4,
mb1 4.0/5, mb1mx3.7/2.7, mbtmp3.8/5, ML3.2/1, MS3.0/2,
m1 3.0/2, ms1mx2.6/3.2, Error ellipse: s-maj=25.7km
s-min=22.7km az=2

ISC 25 22:31:07.5 1.1, 2' 75S:0.1:138' 9E:0.1, h37km, n8, e1937/7,
mb4.0/4, Irian Jaya

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

MAN 25 22:38:10.5 8.76N:126' 37E, h0km, mb5.0, ML3.9, MS3.9
IDC 25 22:36:13.3 0.7, 8' 72N: 126' 29E, h100km, 6km, mb3.9/22,
mb1 4.0/23, mb1mx3.9/4.2, mbtmp4.2/23, MS3.4/1,
M2 3.6/1, ms1mx2.6/3.2, Error ellipse: s-maj=14.3km
s-min=6.8km az=90.0

NEIC 25 22:38:14.6 1.6, 8.66N:0.07:126' 26E:0.09, h109km, 6km,
mb4.7/82, Error ellipse: s-maj=13.7km s-min=10.3km
az=75.0

DJA 25 22:38:16.8 0.9 9' N:7' 12' 6E, h107km, 6km, M4.6/15,
mb4.6/15, mB5.1/3, MLV4.6/2, Mw(MB)4.5/3, Mwps.7/1
ISC 25 22:38:13.0 6.0, 8.66N:0.03:126' 26E:0.05, h106km, 4km,
n171, e121/179, mb4.6/63, 6C-3D, Mindanao

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

Table with columns for flight codes (SKR, MJAR, etc.), destinations (Matsushiro Arr, etc.), times, and status indicators (eS, A, Pn, etc.).

Table with columns for flight codes (BMKR, JNU, etc.), destinations (Nakatsue, etc.), times, and status indicators (P, Pn, etc.).

Table with columns for flight codes (LZH, RDOG, etc.), destinations (Chernabura Isl, etc.), times, and status indicators (P, Pn, etc.).

SCM	comp=Z,49nm,1.2s	41.62	40	P	P	23 29 53.0	+0.5
SCM	Sheep Creek Mo			I	Amb	23 30 09.4	
HDA	comp=Z,49nm,1.2s	41.62	37	P	P	23 29 52.4	0.0
HDA	Harding Lake			I	Amb	23 30 08.6	
IL31	comp=Z,25nm,0.8s	41.63	36	I	Amb	23 29 59.5	
ILAR	comp=Z,18nm,1.0s,baz=254,slow=7.0,SNR=72	41.63	36	P	P	23 29 52.9	+0.4
ILAR	Eielson Array			I	Amb	23 29 52.9	
ILAR	comp=Z,65nm,1.8s,baz=294,slow=60			LR	LR	23 49 42.2	
ILAR	Eielson Array	41.63	36	P	P	23 29 52.1	-0.4
GLI	Glacier Island	41.82	42	I	Amb	23 29 53.9	-0.1
GLI				I	Amb	23 30 10.0	
FID	comp=Z,23nm,0.8s	42.14	42	P	P	23 29 57.0	+0.3
FID	Port Fidalgo			I	Amb	23 30 12.6	
HIN	comp=Z,47nm,1.3s	42.17	43	P	P	23 29 56.9	0.0
HIN	Hinchinbrook I			I	Amb	23 30 13.4	
WMQ	comp=Z,32nm,0.9s	42.30	292	P	P	23 29 59.5	+1.2
WMQ	Urumqi			pP	pP	23 30 13.5	+1.1
WMQ				pP	pP	23 30 17.8	-0.9
WMQ				pP	pP	23 31 54.8	+3.7
WMQ				S	S	23 36 15.8	+0.6
WMQ	comp=Z,46nm,1.3s			pmx	pmx		
WMQ	comp=Z,170nm,3.7s			LR	LR		
WMQ	comp=Z,190nm,16.1s			LR	LR		
WMQ	comp=Z,450nm,16.1s			LR	LR		
WMQ	comp=Z,630nm,23.1s			LR	LR		
WMQ	Urumqi	42.30	292	P	P	23 29 59.3	+1.0
WMQ				pmx	pmx		
WMQ	comp=Z,87nm,1.1s	42.30	292	P	P	23 29 59.3	+1.0
WMQ	Urumqi			P	P	23 29 59.4	+1.1
WMQ	Klutina	42.32	41	I	Amb	23 30 15.3	
PAX	comp=Z,52nm,1.0s	42.38	39	P	P	23 30 00.1	+1.5
PAX	Paxson			pmx	pmx		
PAX	comp=Z,13nm,0.9s	42.38	39	P	P	23 30 00.1	+1.5
PAX	Paxson			I	Amb	23 30 00.6	+0.9
EYAK	Cordova Ski Ar	42.52	42	I	Amb	23 30 16.0	
RIDG	comp=Z,31nm,1.2s	42.59	38	P	P	23 30 00.6	+0.2
RIDG	Independent R			I	Amb	23 30 17.4	
ZSN	comp=Z,30nm,0.8s	42.94	298	I	P	23 30 04.3	+0.9
ZSN	Zaisan			P	P	23 30 04.3	+0.9
ZSN	comp=Z,51nm,1.5s,baz=289			I	Amb	23 30 04.2	+0.9
ZSN	Zaisan	42.94	298	I	P	23 30 04.2	+0.9
SCRK	comp=Z,51nm,1.5s	42.95	37	I	Amb	23 30 19.5	
SCRK	Sand Creek			I	Amb	23 30 19.5	
RAGM	comp=Z,21nm,0.7s	43.07	42	I	Amb	23 30 05.4	+1.1
RAGM	Ragged Mountain			I	Amb	23 30 21.6	
MENT	comp=Z,64nm,1.3s	43.18	39	P	P	23 30 05.2	+0.1
MENT	Menstata			I	Amb	23 30 06.5	
KAIM	comp=Z,26nm,1.0s	43.27	43	P	P	23 30 06.3	+0.5
KAIM	Kayak Island			I	Amb	23 30 06.2	+0.3
HMT	Hamilton	43.28	42	I	Amb	23 30 23.0	
VRDI	comp=Z,31nm,0.8s	43.53	41	I	Amb	23 30 25.0	
VRDI	Verde Repeater			I	Amb	23 30 25.0	
MCARA	comp=Z,24nm,0.8s	43.72	41	P	P	23 30 10.0	+0.6
MCARA	McCarthy VST			I	Amb	23 30 29.0	
CRQM	comp=Z,43nm,0.9s	43.76	42	P	P	23 30 10.8	+0.9
TGL	Cirque	43.91	42	I	Amb	23 30 27.7	
TGL	Tana Glacier			I	Amb	23 30 27.7	
BCAR	comp=Z,47nm,1.1s	44.03	38	P	P	23 30 13.0	+1.0
EGAK	Beaver Creek A			I	Amb	23 30 12.8	+0.6
EGAK	Eagle	44.08	36	P	P	23 30 28.3	
BALM	comp=Z,23nm,0.8s	44.10	41	I	Amb	23 30 29.5	
BALM	Baldy			I	Amb	23 30 29.5	
BARN	comp=Z,35nm,0.8s	44.42	41	I	Amb	23 30 32.4	
BARN	Barnard Glacie			I	Amb	23 30 32.4	
MESA	comp=Z,45nm,1.0s	44.45	42	P	P	23 30 16.1	+0.7
YAH	MESA			P	P	23 30 16.2	+0.3
CTGM	Faitse	44.51	41	P	P	23 30 17.4	+0.8
TABL	Chitina Glacier			P	P	23 30 18.5	+0.3
TABL	Table Mountain	44.79	42	I	Amb	23 30 35.0	
MK31	comp=Z,35nm,0.8s	44.81	298	I	P	23 30 18.6	+0.2
MK31	Makanchi Array			pmx	pmx		
MKAR	comp=Z,184nm,1.0s	44.81	298	P	P	23 30 19.0	+0.6
MKAR	Makanchi Array			I	Amb	23 32 15.4	
MKAR	comp=Z,91nm,0.8s,baz=78,slow=8.4,SNR=596			LR	LR	23 32 15.4	
MKAR	comp=Z,10nm,0.8s,baz=70,slow=4.0,SNR=4.9			LR	LR	23 30 29.9	
MKAR	comp=Z,314nm,18.9s,baz=62,slow=38			P	P	23 30 18.6	+0.2
MKAR	Makanchi Array	44.81	298	P	P	23 30 18.6	+0.2
SEM	Semipalatinsk	44.89	303	I	P	23 30 18.9	-0.2
SEM	comp=Z,50nm,0.8s,baz=303			pmx	pmx		
SEM	Semipalatinsk	44.89	303	I	P	23 30 18.9	-0.2
MAKZ	comp=Z,51nm,0.8s	45.01	298	P	P	23 30 20.7	+0.8
MAKZ	Makanchi			pmx	pmx		
MAKZ	comp=Z,115nm,0.9s	45.01	298	P	P	23 30 20.7	+0.8
PCA	Makanchi			P	P	23 30 27.4	+0.4
PCA	Pinnacle	45.29	42	I	Amb	23 30 24.1	
EPYK	comp=Z,23nm,0.9s	45.68	33	P	P	23 30 26.2	+1.5
EPYK	Eagle Plains			P	P	23 30 26.2	+1.2
EPYK	comp=Z,279,SNR=25			eP	eP	23 30 25.2	-0.7
KURK	Eagle Plains	45.77	304	eP	P	23 30 25.8	-0.1
KURK	Kurchatov	45.77	304	P	pmx	pmx	pmx
KURK	Kurchatov			pmx	pmx		
KURK	comp=Z,137nm,1.1s	45.77	304	P	P	23 30 25.8	-0.1
DLV	Kurchatov			P	P	23 30 27.0	-0.5
DLV	T Lat	45.90	239	I	Amb	23 30 29.7	
SMPI	comp=Z,32nm,0.9s	45.92	192	P	P	23 30 28.4	+1.0
SMPI	Sarmi			P	P	23 30 31.7	+2.9
TNTI	comp=Z,21nm,1.3s	46.11	208	P	P	23 30 32.5	+1.5
TNTI	Ternate			P	P	23 30 32.5	+1.5
LSA	comp=Z,42nm,0.9s	46.32	272	I	P	23 30 30.8	-0.2
LSA	Lhasa			pmx	pmx		
LSA	SNR=11			P	P	23 30 30.8	-0.2
LSA	Lhasa	46.32	272	P	P	23 30 32.7	+1.4
LSA				P	P	23 30 32.7	+1.4
LSA				P	P	23 30 33.2	+1.4
HYT	comp=Z,23nm,0.9s	46.32	272	P	P	23 30 34.6	-0.1
HYT	Lhasa			I	Amb	23 30 41.2	
INUK	comp=Z,51nm,0.8s	46.45	41	P	P	23 30 32.7	+1.4
INUK	Haines Junctio			P	P	23 30 32.7	+1.4
INUK	Inukik	46.57	30	P	P	23 30 33.2	+1.4
TEZP	comp=Z,56nm,0.8s,baz=287,slow=7.3,SNR=59			eP	P	23 30 34.6	-0.1
TEZP	TEZPUR	46.85	267	eP	P	23 30 41.2	
CHTO	comp=Z,16nm,0.5s	47.32	254	P	P	23 30 38.6	+0.2
CHTO	Chiang Mai			pmx	pmx		
CHTO	comp=Z,23nm,0.9s	47.32	254	P	P	23 30 38.6	+0.2
CHTO	Chiang Mai			I	Amb	23 30 38.6	+0.2
CHTO				I	Amb	23 30 54.0	
PBKT	comp=Z,23nm,0.8s	47.45	250	P	P	23 30 39.9	+0.5
PBKT	Sadao Pong			I	Amb	23 30 55.9	
CMAR	comp=Z,27nm,1.4s	47.56	254	P	P	23 30 41.4	+1.1
CMAR	Chiang Mai Arr			P	P	23 30 55.4	+1.3
CMAR	comp=Z,1.4nm,0.3s,baz=32,slow=6.9,SNR=5.6			pP	pP	23 30 55.4	+1.3
CMAR	comp=Z,6.8nm,0.7s,baz=46,slow=7.2,SNR=5.8			LR	LR	23 30 49.1	
WHY	comp=Z,145nm,20.8s,baz=80,slow=36			LR	LR	23 30 49.1	
WHY	Whitethorse	47.74	41	I	Amb	23 30 42.0	+0.8
WHY				I	Amb	23 30 58.9	
PDGK	comp=Z,22nm,0.9s	47.98	295	I	P	23 30 42.9	-0.5
PDGK	Podgornoye			pmx	pmx		
TDK	comp=Z,34nm,1.0s	48.00	297	eP	P	23 30 44.7	+1.3
TDK	Taldyqorghan						

TDK	comp=Z,120nm,1.1s,baz=297	LR	LR	23 52 09.9			
TDK	comp=Z,158nm,19.0s,baz=297	LR	LR	23 52 09.9			
TDK	Taldyqorghan	48.00	297	eP	P	23 30 44.7	+1.3
SHLS	comp=Z,120nm,1.1s	MLR	MLR				
SHLS	comp=Z,158nm,19.0s	48.07	294	I	P	23 30 42.4	-1.7
SHLS	Shalkode			P	P	23 30 42.4	-1.7
SHLS	Shalkode	48.07	294	I	P	23 30 42.4	-1.7
SHL	comp=Z,78nm,1.8s	48.14	267	P	pmx	23 30 45.0	+0.1
SHL	Shilling			pmx	pmx		
SHL	comp=Z,33nm,0.9s	48.14	267	P	pmx	23 30 45.0	+0.1
SHL	Shilling			P	P	23 30 45.0	+0.1
BESE	Bessie Mountai	48.36	43	I	Amb	23 30 46.0	0.0
BESE				I	Amb	23 31 03.3	
UZB	comp=Z,19nm,0.9s	48.37	295	I	P	23 30 46.9	+0.5
UZB	Uzymbulak			I	Amb	23 30 46.9	+0.5
UZB	Uzymbulak	48.37	295	I	P	23 30 46.9	+0.5
UZB	Uzymbulak			pmx	pmx		
UZB	comp=Z,41nm,1.7s	48.46	295	I	P	23 30 47.9	+0.9
UZB	Kokpek			P	P	23 30 47.9	+0.9
UZB	Kokpek	48.46	295	I	P	23 30 47.9	+0.9
KPKS	comp=Z,93nm,1.5s	48.56	24	P	P	23 30 48.1	+0.8
KPKS	Sachs Harbour			P	P	23 30 49.5	+1.1
KPKS	Juneau Island	48.69	44	P	P	23 30 50.8	+0.9
KPKS	Saty	48.81	295	I	P	23 30 50.8	+0.9
KPKS	Saty			S	S	23 37 51.3	+2.2
KPKS	comp=Z,49nm,1.7s,baz=295			eS	S	23 37 51.3	+2.2
KPKS	Saty			S	S	23 37 51.3	+2.2
KPKS	Saty	48.					

25d 23h

Table with columns: E09A, Wood Farm, Sta, 62.86, 51, IAmb, IAmb, 23 32 49.2, etc. Lists various locations and their associated data points.

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Table with columns: MAK, comp=Z,183nm,1.1s, pmax, pmax, etc. Lists various locations and their associated data points.

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Table with columns: PFO, Pinyon Flats O, 71.83, 61, P, P, 23 33 27.4 +0.3, etc. Lists various locations and their associated data points.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ECSD, KOLS, KOLS, KOLS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANTO, ANTO, ANTO, ANTO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GMM, TNS, G45A, G45A, etc.

WMOK	Wichita Mounta	81.60	50	P			23 34 21.5	-0.6
RETA	Reutte	81.63	332	I	P		23 34 22.7	+0.5
MOTA	Moomsal	81.64	332	I	P		23 34 22.6	+0.5
ZOU	Zouplian	81.65	330	I	Amb	I	23 34 22.9	
ABTA	Abfaltersbach	81.65	330	I	P		23 34 21.8	-0.5
SWN1	Swindon	81.66	341	I	P		23 34 23.0	+1.0
BOJS	Bojanci	81.69	328	I	P		23 34 22.2	-0.1
UBR	Ueberruh	81.69	332	I	P		23 34 22.5	+0.1
SQTA	Samt Quirin	81.71	331	I	P		23 34 22.9	+0.4
BFO	Black Forest	81.71	334	P			23 34 21.9	-0.5
BFO	Black Forest	81.71	334	P			23 34 22.8	+0.4
BFO	Black Forest	81.71	334	P			23 34 21.9	-0.5
WOL	Wolverton	81.71	341	I	P		23 34 22.6	+0.3
D54A	Lac Fusel, La	81.74	29	P			23 34 22.2	-0.4
E52A	Mattawa	81.77	30	P			23 34 21.9	-0.9
OK025	Westminster Rd	81.77	48	P			23 34 22.3	-0.6
CEY	Cerkinj	81.80	329	eP			23 34 22.6	-0.4
MGRS	Merkonj Grad	81.87	326	eP			23 34 23.1	-0.3
STIP	Stip	81.91	322	iP			23 34 23.2	-0.3
RSBS	Rošebush, Pemb	81.91	343	iP			23 34 23.8	+0.4
RSBS	Rošebush, Pemb	81.91	343	iP			23 34 24.7	
F52A	Sundridge	81.94	31	P			23 34 23.2	-0.4
FNO	Franklin	81.98	48	P			23 34 23.6	-0.4
ELL	Elmail	81.98	314	P			23 34 24.0	-0.2
ELL	Elmail	81.98	314	P			23 34 24.0	-0.2
STAL	STALIGAL	82.00	330	P			23 34 22.0	-0.2
HDIL	Hopedale	82.02	40	I	Amb		23 34 24.0	-0.1
SKO	Skopje	82.02	322	iP			23 34 25.4	+1.3
VAY	Valandovo	82.03	321	iP			23 34 25.0	+0.8
FETA	Feichten	82.05	332	iP			23 34 24.7	+0.3
E53A	Dumoine, Ponti	82.05	30	P			23 34 23.6	-0.7
DAVA	Damuels	82.11	332	iP			23 34 25.2	+0.5
UPM	Unac-Piva	82.12	325	eP			23 34 24.6	-0.3
E54A	Lac Duplat, Po	82.17	29	P			23 34 24.0	-0.8
ECH	Echery	82.18	334	I	Amb	I	23 34 26.2	
L46A	Eue Claire	82.22	37	P			23 34 24.7	-0.5
L46A	Eue Claire	82.22	37	P			23 34 26.2	
X34A	Smith Ranch, M	82.23	49	P			23 34 24.9	-0.5
D55A	Sainte-Anne-du	82.27	28	P			23 34 24.7	-0.7
ALGO	Algonquin Park	82.27	30	P			23 34 24.5	-0.9
S39A	Bolivar	82.28	44	P			23 34 24.7	-0.9
UDBI	Udbina	82.30	327	iP			23 34 25.2	-0.5
R40A	Maddies Station	82.35	43	P			23 34 25.2	-0.7
D56A	ZEC Mazanza, M	82.48	28	P			23 34 26.2	-0.3
KLVV	Kljeve	82.48	327	iP			23 34 26.5	0.0
BRY	Brotogost	82.52	325	eP			23 34 26.4	-0.5
AKAS	Kas	82.53	314	P			23 34 26.0	-1.1
E55A	Montcerf-Lyto	82.55	29	P			23 34 26.2	-0.6
FUORN	Ofenpass-Fuorn	82.55	332	P			23 34 27.0	-0.1
CTI	Castel Tesino	82.56	331	I	Amb	I	23 34 27.3	
PDG	Podgorica	82.60	324	iP			23 34 27.2	0.0
PDG	Podgorica	82.60	324	iP			23 34 27.1	0.0
RICI	Ricice	82.61	326	P			23 34 26.7	-0.6
P43A	Skaggs, Pawnee	82.63	41	P			23 34 26.4	-1.0
U38A	Gravette	82.69	46	P			23 34 28.1	-1.7
TX31	Lajitas Ar. Si	82.70	56	P			23 34 25.5	+0.5
TX32	Lajitas Array	82.70	56	P			23 34 27.5	-0.6
TXAR	Lajitas Array	82.70	56	P			23 34 28.9	+0.8
TXAR	Lajitas Array	82.70	56	P			23 34 43.8	+0.8
TXAR	Lajitas Array	82.70	56	P			00 10 43.8	
TXAR	Lajitas Array	82.70	56	P			23 34 28.6	+0.6
G54A	Lake Saint Pet	82.73	30	P			23 34 27.1	-0.7
TREB	Trebinje	82.75	325	eP			23 34 27.2	-0.7
HTL	Hartland	82.76	342	iP			23 34 28.6	+0.8
G53A	Halburton	82.77	31	P			23 34 27.6	-0.4
D57A	Chemin Vers le	82.80	27	P			23 34 28.1	0.0
E56A	St. Veronique	82.83	28	P			23 34 27.8	-0.4
DRME	Dravecina, Mon	82.83	324	eP			23 34 28.5	+0.1
MAKA	Makarska	82.83	326	iP			23 34 27.0	-1.3
LATQ	La Tuque	82.84	26	P			23 34 27.6	-0.6
DBRK	Dubrovnik	82.88	325	iP			23 34 26.7	-1.8
MORI	Morici	82.88	327	iP			23 34 28.0	-0.5
STON	Ston	82.89	325	iP			23 34 27.5	-1.2
HCY	Herceg Novi	82.91	324	eP			23 34 28.0	-0.8
PMOR	Pomoriarje Ree	82.93	118	eT			01 05 38.3	
I51A	Listowel	82.96	33	P			23 34 28.6	-0.4
TUE	Stuetta	83.00	332	I	Amb	I	23 34 44.5	
DUGI	Dugi Otok	83.03	327	iP			23 34 28.9	-0.5
CCM	Cathedral Cave	83.04	43	P			23 34 29.2	-0.3
CCM	Cathedral Cave	83.04	43	P			23 34 29.4	-0.1
CCM	Cathedral Cave	83.04	43	P			23 34 29.2	-0.3
LIT	Litokhoron	83.04	321	P			23 34 28.8	-0.7
LIT	Litokhoron	83.04	321	P			23 34 28.8	-0.7
HHAR	Hobbs	83.04	46	P			23 34 29.3	-0.3
D58A	Chemin du LacG	83.06	26	P			23 34 29.1	-0.4
L48A	N Adams	83.08	36	P			23 34 29.3	-0.4
L48A	N Adams	83.08	36	P			23 34 30.9	
DYA	Yadsworth	83.16	342	iP			23 34 30.0	+0.1
DYA	Yadsworth	83.16	342	iP			23 34 31.2	
SFIN	Lafayette	83.17	39	P			23 34 30.1	-0.1
SFIN	Lafayette	83.17	39	P			23 34 28.6	-1.6
SFIN	Lafayette	83.17	39	P			23 34 31.3	
TIR	Tirane	83.22	323	iP			23 34 30.7	+0.4
TIR	Tirane	83.22	323	iP			23 34 29.7	-0.7
TIR	Tirane	83.22	323	iP			23 34 29.7	-0.7
TIR	Tirane	83.22	323	iP			23 34 29.6	-0.9
MGMO	Mountain Grove	83.23	44	P			23 34 30.3	-0.1
E57A	Chemin Saint G	83.24	27	P			23 34 29.9	-0.5
H53A	Bocbaygone	83.25	31	P			23 34 29.9	-0.5
SALO	Salr	83.33	331	I	Amb	I	23 34 31.7	

G55A	Catolobie	83.35	30	P			23 34 30.2	-0.7
N47A	Urbana	83.40	38	I	Amb	I	23 34 47.5	
PLVO	Pleina	83.41	30	I	Amb	I	23 34 31.9	
Q44A	Meyer Farm, Va	83.45	41	P			23 34 30.5	-1.1
Q44A	Meyer Farm, Va	83.45	41	P			23 34 32.9	
FVM	French Village	83.50	42	P			23 34 31.6	-0.3
FVM	French Village	83.50	42	P			23 34 31.6	-0.3
U40A	Yerville	83.55	45	I	Amb	I	23 34 31.9	-0.2
U40A	Yerville	83.55	45	I	Amb	I	23 34 50.0	
E58A	La Victoria	83.57	27	P			23 34 31.9	-0.1
ORIO	Orleans, Innes	83.61	29	P			23 34 31.6	-0.7
ORIO	Orleans, Innes	83.61	29	P			23 34 30.9	-1.3
TAOE	Nuku Hiva Is	83.63	108	eLR			00 00 54.8	
CCA1	Carmenellis	83.68	343	eP			23 34 33.1	+0.6
CCA1	Carmenellis	83.68	343	eP			23 34 33.9	
P46A	Rosedale	83.73	39	P			23 34 32.8	-0.3
P46A	Rosedale	83.73	39	P			23 34 34.2	
SENI	Lac Senin/Sane	83.77	333	P			23 34 32.5	-0.9
SENI	Lac Senin/Sane	83.77	333	P			23 34 48.8	
PPT	Papeete	83.78	121	LR	LR		00 11 48.5	
H55A	Tweed	83.79	20	P			23 34 32.6	-0.6
PP2T	Papeete	83.80	121	eLR	LR		00 00 40.4	
PP2T	Papeete	83.80	121	eT	T		01 06 44.8	
D61A	St Aubert, Com	83.81	25	P			23 34 33.3	0.0
CLF	Chambon-Forêt	83.81	337	I	Amb	I	23 34 36.4	
D60A	Saint Jean D'O	83.84	25	P			23 34 33.0	-0.4
I55A	Frankford	83.89	31	P			23 34 33.1	-0.6
JSA	Saint Aubin	83.91	340	eP			23 34 33.8	0.0
T42A	Van Buren	83.92	43	P			23 34 33.2	-0.8
K52A	Tillenburg	83.94	33	P			23 34 34.1	+0.1
W39A	Magazine	83.95	46	P			23 34 34.2	0.0
W39A	Magazine	83.95	46	P			23 34 33.4	-0.8
AGG	Agios Georgios	83.98	320	I	Amb	I	23 34 34.4	
OLIL	Olney	84.02	40	P			23 34 33.1	-1.5
OLIL	Olney	84.02	40	P			23 34 51.4	
N49A	Columbus Grove	84.03	37	P			23 34 32.9	-1.6
N49A	Columbus Grove	84.03	37	P			23 34 35.2	
H56A	Elgin	84.09	30	P			23 34 34.3	-0.4
G57A	Newington	84.10	29	P			23 34 34.4	-0.4
PRMA	PARKMA	84.14	331	P			23 34 35.5	+0.5
E60A	Ste Agathe de	84.16	26	P			23 34 35.0	-0.1
JCT	Junction City	84.16	53	P			23 34 35.8	+0.3
JCT	Junction City	84.16	53	I	Amb	I	23 34 55.4	
F59A	Saint Guillaume	84.19	27	P			23 34 35.3	+0.1
D62A	Allapoint, All	84.26	24	P			23 34 35.6	0.0
D62A	Allapoint, All	84.26	24	I	Amb	I	23 34 36.6	
ZCCA	Zocca	84.26	330	P			23 34 36.2	+0.7
ZCCA	Zocca	84.26	330	P			23 34 41.5	
S44A	Carbondale	84.30	42	P			23 34 36.2	+0.3
J54A	Appleton	84.33	32	P			23 34 35.4	-0.6
F60A	Warwick	84.36	26	P			23 34 35.9	-0.2
G58A	Ormsdown	84.38	28	P			23 34 35.8	-0.4
WHTX	Lake Whitney,	84.38	51	P			23 34 37.1	+0.6
WHTX	Lake Whitney,	84.38	51	P			23 34 56.5	
PECO	Prince Edward	84.39	30	P			23 34 35.0	-1.2
E61A	Lac Etchemin	84.41	25	P			23 34 36.1	-0.3
PBMO	Poplar Bluff	84.44	43	I	Amb	I	23 34 37.6	
MEDO	Medina	84.50	32	P			23 34 35.2	-1.6
MEDO	Medina	84.50	32	P			23 34 36.0	
H57A	Richville	84.51	29	P			23 34 36.4	-0.5
E62A	Clayton Lake	84.53	25	P			23 34 36.8	-0.2
E62A	Clayton Lake	84.53	25	P			23 34 37.9	
MIAR	Mount Ida	84.56	46	P			23 34 37.2	-0.2
MIAR	Mount Ida	84.56	46	P			23 34 37.8	+0.4
MIAR	Mount Ida	84.56	46	P			23 34 37.2	-0.2
MIAR	Mount Ida	84.56	46	P			23 34 56.2	
D63A	Stockholm	84.58						

26d Oh

Table of station data for 26d Oh, including call signs, names, coordinates, and various parameters like SNR and power levels.

2014 JUL

Table of station data for 2014 JUL, including call signs, names, coordinates, and various parameters like SNR and power levels.

1240

Table of station data for 1240, including call signs, names, coordinates, and various parameters like SNR and power levels.

HEL 25 23:38:16.5, 67°11N:20°43E, h0km, ML1.9, Explosion

UPP 25 23:38:15.2, 0.1, 67°82N:20°20E, h1km, ML1.6, Explosion, Sweden

Table of station data for the HEL and UPP events, including call signs, names, coordinates, and various parameters like SNR and power levels.

UPP 25 23:38:43.6, 0.2, 67°33N:20°19E, h0km, ML1.7, Explosion, Sweden

Table of station data for the UPP event, including call signs, names, coordinates, and various parameters like SNR and power levels.

IDC 26 00:03:28.0, 2.8, 33°72'S x 178°76'W, h0km, mb3.9/2, mb1.4, 1/3, mb1mx3.7/22, mb1mp3.9/3, ML3.7/1, Error ellipse: s-maj=70.1km, s-min=35.1km, az=121.0

NEIC 26 00:03:29.6, 0.9, 33°67'S:0°09.178°8'W, 0.2, h10km, 11km, mb4.1/4, Error ellipse: s-maj=27.3km s-min=11.1km az=108.0

WEL 26 00:03:34.1, 0.6, 34°57' x 177°1'3, h33km, M4.3/13, mb4.6/2, ML4.5/13, MLV4.3/13, Mw(MB)3.8/2

ISC 26 00:03:34.4, 1.4, 33°75'S:0°08.178°8'W, 0.1, h48km, n40, az=151/52, mb4.0/5, South of Kermadec Islands

Table of station data for the IDC, NEIC, WEL, and ISC events, including call signs, names, coordinates, and various parameters like SNR and power levels.

Table with columns: ICAO, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NWAQ, SHANNON INFRAS, FORT, WARRAMUNGA INFS, and HOBART INFRAS.

1243
IDC 26 02:17:52.5:1.0, 60.01'Sx18.86'W, h0km, mb3.8/6,
mb1 4.0/7, mb1mx3.8/9.25, mbtmp3.9/7, ML4.6/1, MS3.5/1,
Ms1 3.5/3, ms1mx2.7/2.4, Error ellipse: s-maj=32.1km
s-min=22.7km az=81.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like VNA1, VNA3, SNA1, SNA2, BELA, PMSA, QSPA, GSPA, MAW, VVND, CFA, LPZ, TOR, YKA, and SONM.

1243
IDC 26 02:21:57.0:5.0, 59.97'Sx18.83'W, h0km, mb4.0/9,
mb1 4.2/10, mb1mx4.1/29, mbtmp4.2/9, ML4.9/1, MS3.5/3,
Ms1 3.5/3, ms1mx3.1/2.2, Error ellipse: s-maj=25.3km
s-min=17.7km az=52.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like VNA1, VNA3, SNA1, SNA2, BELA, PMSA, QSPA, GSPA, MAW, VVND, CFA, LPZ, TOR, YKA, and SONM.

1243
IDC 26 02:25:28.1:13.0, 18.82'S; 167.78'E, h0km, mb4.1/3,
mb1 4.3/4, mb1mx3.8/3.3, mbtmp4.1/4, ML3.8/1, MS2.7/1,
Ms1 2.7/1, ms1mx2.5/3.2, Error ellipse: s-maj=223.0km
s-min=41.0km az=81.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SANVU, DZM, DZM, DZM, STKA, WRA, WRA, WRA, AS31, ASAR, and ASAR.

2014 JUL
IDC 26 02:30:10.1:0.9, 60.05'S; 18.75'W, h0km, mb4.0/7,
mb1 4.1/8, mb1mx3.9/25, mbtmp4.1/8, ML4.8/1, MS3.6/2,
Ms1 3.6/2, ms1mx3.2/1.3, Error ellipse: s-maj=26.0km
s-min=22.2km az=65.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like VNA3, VNA2, SNA1, SNA2, BELA, PMSA, QSPA, GSPA, MAW, CPUP, BOSA, BOSY, LPZ, TOR, TOR, LBZ, ASAR, YKA, YKA, YKA, and SONM.

2014 JUL
IDC 26 02:31:10.1:0.9, 60.03'S; 18.75'W, h0km, mb4.1/8,
mb1 4.2/9, mb1mx4.1/24, mbtmp4.2/9, ML4.9/1, MS3.6/3,
Ms1 3.6/3, ms1mx3.3/1.4, Error ellipse: s-maj=28.5km
s-min=20.9km az=41.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like VNA1, VNA3, SNA1, SNA2, BELA, PMSA, QSPA, GSPA, MAW, PLCA, VVND, CPUP, CFA, LPZ, LPZ, DBIC, TOR, TOR, YKA, SONM, ILAR, and ILAR.

2014 JUL
IDC 26 02:46:12.1:1.8, 6.89'S; 129.20'E, h0km, mb3.9/2,
mb1 4.2/5, mb1mx3.8/2.7, mbtmp4.0/5, ML4.2/3, MS3.7/2,
Ms1 3.7/2, ms1mx2.8/3.4, Error ellipse: s-maj=77.0km
s-min=25.8km az=71.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SAUI, SAUI, SAUI, SOEI, BATI, MTKN, MTKN, KNRA, FITZ, FITZ, WRA, WRA, WRA, WRA, WRA, ASAR, and ASAR.

Table with columns: ICAO, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SBUM, STKA, CM31, ASAJ, MK31, MK31, MKAR, and GEYT.

26d 3h
NNC 26 02:52:23.5:4.2, 37.27'N; 71.15'E, h0km, mb3.6, mpv3.3,
2C-1D, Error ellipse: s-maj=34.1km s-min=22.9km
az=149.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KK31, AAK, AB31, DJA, KMSI, KMSI, GTOI, GTOI, TNET, TNET, LWTI, LWTI, SANI, SANI, MPSI, and MPSI.

26d 3h
IDC 26 03:05:31.4:6.9, 26.36'N; 55.56'E, h0km, mb3.3/3,
mb1 3.3/3, mb1mx3.1/45, mbtmp3.3/3, Error ellipse:
s-maj=133.0km s-min=57.3km az=113.0, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BRTR, FINES, TOR, and TOR.

26d 3h
MAN 26 03:05:35.0:13.92'N; 120.28'E, h72km, MS3.2,
IDC 26 03:05:37.5:1.1, 13.93'N; 120.64'E, h90km, 11km, mb3.5/9,
mb1 3.5/9, mb1mx3.3/3.5, mbtmp3.6/9, MS3.7/1, Ms1 3.7/1,
ms1mx2.6/2.2, Error ellipse: s-maj=41.9km s-min=16.4km
az=65.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LUBANG, TGAY, LQP, BOAC, SJMP, PCPH, BUSP, SCZP, BALP, OTRP, SMP, BOLP, ENPP, CUYO, CMAR, JCJ, WRA, WRA, ASAR, ASAR, STKA, BVAR, ARCES, FINES, NOA, and NOA.

26d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HJH Hachiojima 2, JYT Yasato, JOD Odawara 2, etc.

IDC 26 03:11:16.2:5.9,36.24N:71.24E,h111km,46km,mb3.2/6, mb1 3.3/9,mb1mx3.1/44,mbtmp3.6/9, Error ellipse: s-maj=54.1km s-min=35.1km az=145.0

NNC 26 03:11:22.3:5.4,36.73N:70.73E,h94km,91km,mb3.3, mb4.0, Error ellipse: s-maj=47.5km s-min=42.4km az=110.0

ISC 26 03:11:16.6:1.6,36.4N:0.1:71.0E:0.1,h100km,n15, c137/18,mb3.5:2C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

SOME 26 03:33:21.4, 39.52N:75.47E,h5km NNC 26 03:33:23.0, 39.59N:75.45E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=6.5km s-min=4.4km az=159.0

KRNET 26 03:33:30.5:0.1,39.45N:75.46E,mb3.3, ISC 26 03:33:27.3:2.4,39.4N:0.1:75.40E:0.05,h10km,n54, c253/59,13C-17D,Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB Arslanbob, KZA Kyzart, etc.

2014 JUL

Table with columns: CHMS, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chumysh, KST KasteK, etc.

MEX 26 05:29:55.3:0.6,14.52N:92.61W,h55km,20km,MD3.6 GCG 26 05:29:56.8:0.5,14.53N:92.50W,h36km,99km,MD3.9

ISC 26 05:29:55.2:2.3,14.6N:0.1:92.60W:0.1,h51km,21km,n6, c0540/12,Near coast of Chiapas

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

IDC 26 05:34:39.1:1.3,4.18S:136.48E,h0km,mb4.0/2, mb1 4.2/7,mb1mx3.9/26,mbtmp4.0/7,ML4.0/5,MS3.1/3, Ms1 3.1/3,ms1mx2.7/31, Error ellipse: s-maj=31.9km s-min=25.3km az=105.0

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, JAY Jayapura, etc.

JMA 26 05:48:18.6:24.48N:122.23E,h0km,M2.3 TAC 26 05:48:18.5:24.45N:122.26E,h10km,1km,ML2.7,D ISC 26 05:48:18.7:1.1,24.44N:0.03:122.23E:0.02,h9km,10km, n32,c056/60,Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC Suao, ENA Nanau, etc.

Table with columns: WHP, Taichung City, 1.18 263 eP, Pn, 05 48 41.6 +0.1, etc.

UCR 26 05:49:50.7z 1.1, 9.88N-83.93W, h2km, MD3.9, mb4.5(NEIC)

NEIC 26 05:49:52.0z 2.9, 9.84N-0.05:83.98W, 0.04, h10km, 5km, mb3.9S, Mw4.5(UCR), Error ellipse: s-maj=8.7km s-min=3.9km az=221.0

INET 26 05:49:51.6, 9.82N:83.89W, h1km, ML4.1 UPA 26 05:49:52.1z 1.2, 10.00N-83.96W, h8km, 6km, Mw4.5 ISC 26 05:49:51.6z 0.9, 9.98N:0.03:83.92W, 0.02, h8km, 6km, n101, 0.13:32/153, 11C-SD, Costa Rica

Main station list table for Costa Rica, including stations like Escuela Geolog, La Lucha 2, Volcan Turrial, Heredia, San Ramn, etc.

Table with columns: ZANG, RCON, PRVC, UPA, etc., listing stations and their coordinates.

NEIC 26 05:57:54.5z 1.2, 7.00S:0.06:111.48E, 0.08, h248km, 6km, mb4.2/16, Error ellipse: s-maj=11.3km s-min=9.1km az=112.0

DJA 26 05:57:54.0z 0.4, 7.5z:7.11E, h244km, 3km, M3/15, mb4.3/1, MLV3.5/15

IDC 26 05:57:55.2z 1.9, 7.09S:111.34E, h261km, 24km, mb3.7/6, mb1 3.9/9, mb1mx3.4/34, mbtmp4.4/9, Error ellipse: s-maj=47.2km s-min=11.6km az=47.0

ISC 26 05:57:54.3z 0.6, 7.11S:0.08:111.40E, 0.06, h247km, 5km, n53, 0.986/62, mb4.1/12, Jawa

Main station list table for Indonesia, including stations like NGJI, Ujung Watu, Wonogiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, listing stations like TASBURUN-IGDIR, Akyaka, etc.

IDC 26 06:30:05.9z 1.2, 0.63N:122.63E, h118km, 10km, mb3.1/4, mb1 3.4/6, mb1mx3.2/40, mbtmp3.6/6, MS2.4/1, Ms1 2.4/1, ms1mx2.2/19, Error ellipse: s-maj=48.8km s-min=16.8km az=65.0

DJA 26 06:30:05.2z 0.4, 1.1N:4.12E, h90km, 6km, M4.3/9, mb4.4/3, MLV4.3/9

ISC 26 06:30:05.9z 0.9, 0.60N:0.08:122.49E, 0.06, h114km, n14, 0.076/18, mb3.5/4, Minahassa Peninsula, Sulawesi

Main station list table for Sulawesi, including stations like KMSI, LUWI, MPSP, etc.

WEL 26 07:03:55.1z 0.6, 32S:4.18E, h308km, 10km, M4.5/15, mb4.2/3, MLV4.6/15, Mw(MB)3.3/3, Kermadec Islands

Main station list table for Kermadec Islands, including stations like GLKZ, MXZ, etc.

IDC 26 07:05:38.5z 7.5, 6.32S:146.98E, h67km, 71km, mb3.3/2, mb1 3.5/4, mb1mx3.2/36, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=62.5km s-min=49.3km az=124.0, Eastern New Guinea region

Main station list table for Eastern New Guinea region, including stations like Port Moresby, etc.

DDA 26 06:20:35.9, 39.82N:44.87E, h7km, 5km, ML2.6 TIF 26 06:20:36.1, 39.82N:44.93E, h12km, 4km

ISC 26 06:20:36.6, 39.92N:44.88E, h5km, ML2.7

ISC 26 06:20:37.1, 2.3987N:0.03:49.10E, 0.04, h17km, 9km, n20, 0.131/38, Iran-Armenia-Azerbaijan border region

MAN 26 07:10:17.8, 5.11N:126.62E, h0km, MS3.9

IDC 26 07:10:28.2z 3.0, 5.69N:126.84E, h67km, 26km, mb3.7/10, mb1 3.8/10, mb1mx3.6/45, mbtmp3.6/45, MS3.1/7, Ms1 3.1/7, ms1mx2.9/44, Error ellipse: s-maj=57.6km

s-min=12.0km az=69.0
NEIC 26 07:10:29.6 1.6, 5.63N,0.06:126.6E,0.1,7.85km,5km,
mb4.5/23, Error ellipse: s-maj=14.8km s-min=8.7km
az=78.0
DJA 26 07:10:30.0 0.5, 6.1N, 3.12E, h59km, 5km, M4.4/11,
mb4.4/11, mb5.7/11, MLv4.4/5, Mw(mb)5.2/1
ISC 26 07:10:30.0 1.1, 5.52N, 0.05:126.31E, 0.08, h76km, 9km,
n64, c203/65, mb4.3/22, 2C-1D, Mindanao

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains a large list of seismic stations and their data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Continuation of the seismic station data.

MAN 26 07:19:21.7, 4.93N, 126.85E, h0km, MS4.4
IDC 26 07:19:35.7, 3.0, 5.14N, 125.40E, h44km, 30km, mb3.6/12,
mb1.3/7.12, mb1mx3.5/45, mbtmp3.8/12, MS3.4/11,
Ms1.3/4.11, ms1mx2.2/42, Error ellipse: s-maj=59.5km
s-min=14.0km az=69.0
NEIC 26 07:19:38.9 1.4, 5.52N, 0.1:126.2E, 0.2, h81km, 8km,
mb4.4/11, Error ellipse: s-maj=35.4km s-min=9.7km
az=64.0
ISC 26 07:19:35.4 0.6, 5.08N, 0.06:125.7E, 0.2, h35km, n53,
c281/41, mb3.9/15, MS3.3/10, 3C, Mindanao

NEIC 26 07:29:03.2 1.9, 4.84N, 0.09:123.2E, 0.1, h589km, 9km,
mb4.4/43, Error ellipse: s-maj=17.8km s-min=13.3km

Table with columns for station name, frequency, power, and signal strength. Includes stations like YSS, AMS, GRNR, and various international locations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like GRNR, AMS, JFY, and various international locations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like BILL, BOD, BJI, and various international locations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K22A Casper, TPFO Pinon Flats, DOMB Dombas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BIGH Upper Bighouse, LTV L'vov, 319A Douglas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like STKA Stephens Creek, STKA comp=Z,2.4nm,0.7s, etc.

26d 8h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like L46A Eue Claire, R40A Maddies Statio, E54A Lac Daplat, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BFO, S44A Carbondale, G57A Newburg, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like O52A Adamsville, O52A Adamsville, VT1 Newbury, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Time, Res. Includes stations like Waymart, Shokan, Sunbury, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Time, Res. Includes stations like KEST, Sonseca Array, ESDC, etc.

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

MAN 26 08:40:03.1, 20:21N, 120:15E, h27km, MS4.2
NEIC 26 08:40:06.6, 2.5, 20:30N, 120:27E, 0.09, h25km, 3km, mb4.6/40, Error ellipse: s-maj=12.4km s-min=9.1km az=91.0
NIED 26 08:40:06.1, 20:49N, 120:64E, h0km, MW4.6, Moment Tensor Solution, s2 Moment tensor: Scale 10^19Nm; Mln:6.94, Mlt:3.25, Mlt:3.69; Mlt:4.37, Mlt:4.18; Mlt:0.38; Fault plane solution: Mb:5.200x10^15 NPT:1.9e, 06.00000, 860.00000; A:115.00000. NP2:203.00000, 839.00000, 154.00000
BUJ 26 08:40:06.1, 0.0, 20:55N, 120:08E, h5km, mb4.6/22, mb4.3/31, ML3.7/2, Ms4.0/19, Ms7.3/8/17
JMA 26 08:40:06.0, 0.3, 20:49N, 120:64E, h0km, M4.4

26d 9h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like N60A Cedar Hill Far, N57A Milroy, N59A State Game Lan, etc.

2014 JUL

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PLYO Plevna, G62A Kingsbury, G62A West of Eustis, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SDCO Great Sand Dun, F36A Milaca, MATQ Matagami, etc.

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

IDC 26 10:57:08.9±0.9, 37.25N±.97, 86W, h0km, mb3.8/1, mb1 4.0/4, mb1mx3.6/38, mbtmp3.6/4, ML4.2/3, Error ellipse: s-maj=15.5km s-min=10.5km az=10.0 NEIC 26 10:57:11.0±0.8, 37.11N±0.04, 97.80W±0.06, h3km, 7km, mb_Lg3.4/148, Error ellipse: s-maj=7.1km s-min=5.9km az=80.0 ANF 26 10:57:10.1±1.2, 37.09N±.97, 81W, h2km, 9km, ML4.4/14, Error ellipse: s-maj=4.1km s-min=2.9km az=38.0 ISC 26 10:57:10.2±0.8, 37.13N±0.04, 97.77W±0.03, h8km, 5km, n130, r190/114, Kansas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAN01 Argonia South, KAN01 Harper NE Stat, KAN10 Anthony SW Sta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TUL1 Leonard, KSU1 Kansas State U, KSU1 Kansas State U, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I37A Lemond, Waseca, BNM Barren Site, BNM Barren Site, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, etc.

ARAG	comp-Z,55nm,1.1s	50.39 317	eP	P	11 22 47.1	+1.2
PB15	IPOC Station P	50.79 294	P	P	11 22 50.0	+0.8
PB15	comp-Z,43nm,0.9s		Iamb	Iamb	11 23 07.1	
PB10	IPOC Station P	51.02 292	P	P	11 22 49.9	-0.8
LVC	Limon Verde	51.05 295	P	P	11 22 52.2	+0.9
LVC	Limon Verde	51.05 295	P	P	11 22 52.6	+1.3
LVC	Limon Verde	51.05 295	eP	P	11 22 51.9	+0.6
LVC	Limon Verde	51.05 295	P	P	11 22 52.6	+1.3
PB06	IPOC Station P	51.27 294	P	P	11 22 53.2	+0.4
SDBA	SAO DESFERIO	51.39 327	P	P	11 23 54.3	+1.0
SALV	Santo Antonio	51.58 313	eP	P	11 22 54.4	-0.2
PB04	IPOC Station P	51.85 294	P	P	11 22 57.7	+0.6
MATP	Matopó	51.92 62	P	P	11 22 54.5	-3.1
MATP	comp-Z,8.2nm,0.8s,baz=218,slow=9.0,SNR=15					
PB07	IPOC Station P	51.92 62	P	P	11 23 00.7	+0.5
PB07	comp-Z,57nm,1.0s		Iamb	Iamb	11 23 12.6	
H10N1	ASCENSION HYDR52.35	6	T	T	12 19 42.4	
H10N1	comp-Z,18nm,0.7s,SNR=13					
H10N2	ASCENSION HYDR52.36	6	T	T	12 19 45.8	
H10N2	comp-Z,190,slow=79,SNR=91					
H10N2	ASCENSION HYDR52.37	6	T	T	12 19 44.2	
H10N2	comp-Z,190,slow=79,SNR=91					
PEXB	Peixe	52.65 323	eP	P	11 23 04.8	+1.9
PB01	IPOC Station P	52.67 295	P	P	11 23 04.1	+1.0
PB01	comp-Z,43nm,1.1s		Iamb	Iamb	11 23 15.0	
PTLB	Pontes e Lacer	53.29 309	eP	P	11 23 08.9	+1.4
PB08	IPOC Station P	53.31 296	P	P	11 23 08.3	+0.1
PB08	comp-Z,3.2nm,0.5s,baz=168,slow=6.6,SNR=16		Iamb	Iamb	11 23 16.7	
SIV	San Ignacio	53.56 307	P	P	11 23 08.6	-1.0
SIV	comp-Z,3.2nm,0.5s,baz=168,slow=6.6,SNR=16					
SIV	comp-Z,8.7nm,0.7s,baz=158,slow=7.2,SNR=9.9					
SIV	San Ignacio	53.56 307	P	P	11 23 08.6	-1.0
COV1	Chusmiza	54.73 296	P	P	11 24 16.4	
PB11	IPOC Station P	53.87 296	P	P	11 23 11.7	-0.2
PB11	comp-Z,10.0nm,0.6s,baz=149,slow=4.8,SNR=38		Iamb	Iamb	11 23 20.5	
PSGCX	Pisagua	54.22 295	P	P	11 23 14.6	0.0
PSGCX	comp-Z,55nm,1.0s		Iamb	Iamb	11 23 29.6	
MMNC	Minye Minye	54.39 296	P	P	11 23 16.7	+0.7
PB16	IPOC Station P	55.05 297	P	P	11 23 21.5	+0.4
PB16	comp-Z,51nm,1.5s		Iamb	Iamb	11 23 37.6	
SMTB	Santa Maria do	55.52 325	eP	P	11 23 25.2	+1.4
RCBR	Riachuelo	55.74 340	eP	P	11 23 28.1	+2.7
VILB	Vilhena	55.97 309	eP	P	11 23 28.1	+1.0
LPAZ	La Paz	56.25 299	P	P	11 23 30.1	+0.3
LPAZ	comp-Z,10.0nm,0.6s,baz=149,slow=4.8,SNR=38					
LPAZ	comp-Z,1.1um,20.7s,baz=136,slow=33					
LPAZ	La Paz	56.25 299	eP	P	11 23 29.7	-0.1
LPAZ	La Paz	56.25 299	eP	P	11 23 30.1	+0.4
LPAZ	comp-Z,43nm,1.2s		Iamb	Iamb	11 23 44.0	
CLDB	Colider	56.26 315	eP	P	11 23 28.3	-0.8
LSZ	Lusaka	56.34 58	P	P	11 23 27.4	-2.5
LSZ	comp-Z,41nm,1.0s					
LSZ	Lusaka	56.34 58	P	P	11 23 27.4	-2.5
LSZ	comp-Z,41nm,1.0s		Iamb	Iamb	11 23 36.9	
PRPB	Parauapebas	58.72 323	eP	P	11 23 48.2	+1.8
NPGB	Novo Progresso	59.67 317	eP	P	11 23 53.9	+0.9
ROSB	Rosrio	60.30 331	eP	P	11 24 00.2	+2.8
SAML	Samuel	60.79 308	P	P	11 24 01.0	+0.3
SAML	comp-Z,18nm,1.0s					
SAML	Samuel	60.79 308	P	P	11 24 01.0	+0.3
SAML	comp-Z,18nm,1.0s		Iamb	Iamb	11 24 11.3	
ITTB	Iaituba	62.30 318	eP	P	11 24 11.0	+0.1
NNA	Nana	63.95 293f	eP	P	11 24 23.2	+1.3
NNA	comp-Z,26nm,0.8s					
MLB	Monte Alegre	64.17 320	eP	P	11 24 24.3	+1.7
LIC	Lamto	67.14 15	ePKP2	P	11 24 43.4	+1.0
PTGA	Pitinga	67.15 315	eP	P	11 24 43.4	+0.9
PTGA	Pitinga	67.15 315	eP	P	11 24 42.4	-0.1
KIC	Kosan Boka	67.31 15	ePKP2	P	11 24 43.6	+0.1
TIC	Toumudi	67.55 15	ePKP2	P	11 24 42.0	-3.0
DBIC	Dimbokro	67.60 15	P	P	11 24 41.3	-4.0
DBIC	comp-Z,5.3nm,0.7s,baz=161,slow=8.1,SNR=8.0					
DBIC	Dimbokro	67.60 15	P	P	11 24 42.3	-3.0
DBIC	comp-Z,52nm,20.1s,baz=152,slow=31					
DBIC	Dimbokro	67.60 15	P	P	11 24 42.3	-3.0
DBIC	comp-Z,54nm,1.5s					
DBIC	Dimbokro	67.60 15	P	P	11 24 42.3	-3.0
DBIC	comp-Z,54nm,1.5s		Iamb	Iamb	11 24 58.8	
MBAR	Mbarara	70.64 54	P	P	11 25 03.3	-1.2
MBAR	comp-Z,35nm,1.3s					
MBAR	Mbarara	70.64 54	P	P	11 25 03.2	-1.2
MBAR	comp-Z,35nm,1.2s		Iamb	Iamb	11 25 14.5	
KMBO	Kilima Mbogo	72.90 60	P	P	11 25 20.0	+1.8
KMBO	comp-Z,0.9nm,0.5s,baz=198,slow=10,SNR=5.0					
KMBO	Kilima Mbogo	72.90 60	P	P	11 25 17.6	-0.5
KMBO	comp-Z,5um,21.3s,baz=188,slow=33					
KMBO	Kilima Mbogo	72.90 60	P	P	11 25 17.6	-0.5
KMBO	comp-Z,8.0nm,1.4s					
KMBO	Kilima Mbogo	72.90 60	P	P	11 25 17.6	-0.5
MLZ	Mavora Lakes	73.63 185	Iamb	Iamb	11 25 37.4	+0.3
MLZ	comp-Z,70nm,1.4s					
TOAO	Torodi Ar. Sit	74.97 21	P	P	11 25 28.0	-1.8
TOAO	comp-Z,38nm,1.2s		Iamb	Iamb	11 25 37.4	
TORD	Torodi Ar. Bea	74.97 21	P	P	11 25 27.5	-2.3
TORD	comp-Z,4.0nm,0.7s,baz=198,slow=5.4,SNR=21					
TORD	Torodi Ar. Bea	74.97 21	P	P	11 25 27.5	-2.3
TORD	comp-Z,2um,21.5s,baz=185,slow=30					
TORD	Torodi Ar. Bea	74.97 21	P	P	11 25 26.9	-2.9
MACC	Macarena, Meta	75.20 302	eP	P	11 25 31.2	-0.1
FLOC	Florescia	75.46 300	eP	P	11 25 38.3	+5.4
FLOC	Florescia	75.46 300	eP	P	11 25 31.7	-1.1
PAC1	Pacto, Paraso	75.65 297	eP	P	11 25 35.4	+1.3
SOTA	Rioblanco	76.37 300	eP	P	11 25 38.7	+0.1
PCON	Cinco Dias	76.45 300	eP	P	11 25 40.7	+1.6
BBAC	Balboa, Cauca	76.55 299	eP	P	11 25 39.8	+0.6
TAU	Tasmania Unive	76.64 170	P	P	11 25 39.2	0.0
TAU	comp-Z,34nm,1.0s					
TAU	Tasmania Unive	76.64 170	P	P	11 25 39.1	0.0
TAU	comp-Z,34nm,0.9s		Iamb	Iamb	11 25 48.9	
LTZ	Lake Taylor	76.96 189	P	P	11 25 42.3	+1.3
LTZ	comp-Z,49nm,1.1s		Iamb	Iamb	11 25 58.5	
PRAC	Prado	77.05 302f	eP	P	11 25 42.5	+0.6
ORTC	Ortega, Tolima	77.38 302	eP	P	11 25 42.5	-1.2
CHIC	Chigapaz	77.39 304	eP	P	11 25 43.3	-0.9
ORIV	Oringano	77.47 315	P	P	11 25 43.9	-1.1
ORIV	comp-Z,33nm,1.3s		Iamb	Iamb	11 26 01.5	
ROSC	El Rosal	77.83 303	P	P	11 25 46.2	-0.4
ROSC	comp-Z,5.6nm,0.4s,baz=320,slow=23,SNR=1.1					
ROSC	El Rosal	77.83 303	P	P	11 25 46.7	+0.1
ROSC	comp-Z,3um,21.5s,baz=173,slow=36					
ROSC	El Rosal	77.83 303	eP	P	11 25 44.2	-2.4
ROSC	El Rosal	77.83 303	eP	P	11 25 46.7	+0.1
ROSC	comp-Z,20nm,1.1s		Iamb	Iamb	11 26 00.6	
YOTC	Yotoco, Valle	77.91 301	eP	P	11 25 43.3	-3.4
THZ	Tophouse	77.92 189	P	P	11 25 47.2	+0.7
TOLC	Tolima	78.02 302	eP	P	11 25 49.5	+1.9
RUSC	La Rusia	78.26 305	eP	P	11 25 53.0	+3.9
RUSC	La Rusia	78.26 305	eP	P	11 25 48.8	-0.3
RREF	El Recreo	78.31 302	eP	P	11 25 46.9	-2.7

GUYC2	Guyana, Caldas	78.61 302	eP	P	11 25 51.2	+0.2
BAUV	El Baul	79.05 311	P	P	11 25 53.7	+0.5
PTBC	PUERTO BERRIO,	79.42 304	eP	P	11 25 52.1	-2.8
SDVC	Ciudad Bolivar	79.46 302	eP	P	11 25 53.9	-1.5
CBOS	Santo Domingo	80.00 308	eP	P	11 25 58.2	-0.1
SDV	Santo Domingo	80.00 308	eP	P	11 26 06.8	-1.4
SDV	comp-Z,33nm,1.2s		Iamb	Iamb	11 26 11.9	
NWAO	Narrogin (SRO)	80.50 144	P	P	11 26 09.9	+0.3
NWAO	comp-Z,7.1nm,0.8s,baz=306,slow=1.1,SNR=1.6					
NWAO	comp-Z,1um,19.4s,baz=202,slow=32					
UREC	San Jos de Ur	80.96 303	eP	P	11 26 01.8	-1.4
URZ	Urewera	81.00 193	P	P	11 26 04.1	+0.9
URZ	comp-Z,21nm,1.0s,baz=181,slow=6.1,SNR=4.2					
URZ	Urewera	81.00 193	P	P	11 26 03.5	+0.3
URZ	comp-Z,32nm,1.1s		Iamb	Iamb	11 26 04.4	
SMLC	San Martin de	81.30 305	eP	P	11 26 01.8	-3.2
Rikitea	Rikitea	82.12 237	eS	P	11 36 22.2	-1.8
RKT	Rikitea	82.12 237	eLQ	LQ	11 48 27.3	
RKT	comp-Z,3um,34.2s					
RKT	Rikitea	82.12 237	eLQ	LQ	11 48 27.3	
RKT	comp-Z,3um,30.0s		eLR	LR	11 51 54.0	
CAN	Canberra	84.32 170	P	P	11 26 20.3	-0.3
CAN	comp-Z,16nm,1.1s					
CAN	Canberra	84.32 170	P	P	11 26 20.3	-0.3
CAN	comp-Z,16nm,1.1s		Iamb	Iamb	11 26 36.7	
TAM	Tamanrasset	85.09 23	P	P	11 26 24.1	-0.4
TAM	comp-Z,9.0nm,1.1s					
TAM	Tamanrasset	85.09 23	P	P	11 26 24.1	-0.4
STVI	Saint Thomas	86.62 317	P	P	11 26 31.2	-0.8
STKA	Stephens Creek	86.68 164	P	P	11 26 33.1	-0.4
STKA	comp-Z,5.7nm,1.0s,baz=174,slow=1.2,SNR=5.9					
STKA	Stephens Creek	86.68 164	P	P	11 26 33.1	-0.4
STKA	comp-Z,4um,21.7s,baz=188,slow=34					
STKA	Stephens Creek	86.68 164	P	P	11 26 33.1	-0.4
JTS	Las Juntas de	87.31 296	P	P	11 26 36.9	+1.4
JTS	comp-Z,43nm,1.3s					
JTS	Las Juntas de	87.31 296	P	P	11 26 36.9	+1.4
TBI	Tubuai	87.49 224	eS	P	11 26 39.3	-6.1
TBI	comp-Z,950nm,28.5s					
TBI	Tubuai	87.49 224	eLQ	LQ	11 50 16.3	
TBI	comp-Z,1um,33.5s		eLR	LR	11 54 25.2	
PMOZ	Porto Moniz, M	92.69 2	P	P	11 27 13.7	+1.3
PMOZ	comp-Z,55nm,20.0s		eLR	LR	11 56 20.2	
PPT2	Papeete2	92.83 227	eS	S	11 37 59.0	-8.0
PPT2	comp-Z,763nm,32.0s					
PPT2	Papeete2	92.83 227	eLR	LR	11 56 56.8	
PPT2	comp-Z,2um,25.2s					
PPT2	Papeete2	92.83 227	eLR	LR	11 56 56.8	
PPT2	comp-Z,722nm,21.6s,baz=172,slow=30					
ASAR	Alice Springs	93.56 155	P	P	11 27 03.5	-1.3
ASAR	comp-Z,2.1nm,0.9s,baz=196,slow=3.6,SNR=11					
ASAR	Alice Springs	93.56 155	P	P	11 27 03.5	-1.3
ASAR	comp-Z,865nm,19.9s,baz=188,slow=34					
ASAR	Alice Springs	93.56 155	P	P	11 27 03.8	-1.0
ASAR	Alice Springs	93.56 155	P	P	11 27 03.8	-1.0
TAOE	Nuku Hiva Isl	97.04 238	eLR	LR	11 58 47.7	
WRA	Warramunga Arr	97.26 155	P	P	11 27 19.5	-2.2
WRA	comp-Z,1.1nm,1.0s,baz=200,slow=4.1,SNR=4.5					
WRA	Warramunga Arr	97.26 155	P	P	11 27 19.5	-2.2
WRA						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include UZB 14nm,0.2s, KPKS Kokpek, KPKS Kokpek, ARXS Arharly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MHGZ Mahia Peninsula, RAGZ Rawiri, AWAZ Awaitu Peninsula, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KLR, CD2, LZH, KMI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like WRA, WB2, WRO, HNR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like CAPC, CAP2, UREC, etc.

IDC 26 15:13:43.51.1, 4.56N, 126.09E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/35, mbtmp3.7/5, Error ellipse: s-maj=61.7km s-min=20.9km az=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like DDMP, GSFH, SKMP, etc.

RSNC 26 15:32:25.31.2, 5.79N, 78.00W, h15km, 4km, ML2.9 UPA 26 15:32:25.0.6, 5.75N, 78.08W, h20km, 27km, MW4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SOLL, PIZZ, PTAC, etc.

IDC 26 15:59:50.3, 0.5, 60.105x, 18:78W, h0km, mb4.5/16, mb1 4.5/17, mb1mx4.5/28, mbtmp4.5/17, ML4.9/1, MS4.3/19, Ms1 4.3/19, ms1mx4.2/22, Error ellipse: s-maj=17.6km s-min=14.1km az=47.0

NEIC 26 15:59:51.5, 2.5, 60.09S, 0.10x, 18:78W, 0.2, h10km, 1km, mb4.9/24, Error ellipse: s-maj=16.8km s-min=12.4km az=161.0

GCMT 26 15:59:53.0, 0.2, 60.32S, 0.02, 18:42W, 0.02, h12km, MM5.0/18, Moment Tensor Solution: s49, c62; s118, c20; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=4.39t, 09; Mw=0.04t, 09; Mb=0.44t, 08; Ma=0.24t, 31; Mw=0.79t, 07; Mb=0.56t, 26; Best double couple: Mw=5.2400x10^16 Np1=0.352, 00000; s41, 00000; lambda=87.00000; NP2=0.168, 00000; s49, 00000; lambda=93.00000; Principal axes: T 4.6130, Plg4.0000; Azm260.0000; N -0.1730, Plg2.0000; Azm170.0000; P -4.4340, Plg6.0000; Azm53.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s; Triangular moment-rater function

ISC 26 15:59:51.9, 0.3, 60.115, 0.07x, 18:75W, 0.03, h10km, n115, c206/96, mb4.7/21, MS4.5/25, 2C, East of South Sandwich Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like VNA1, VNA3, VNA2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like VCHM Oimej, VCHM WUC, VVUC WUC, etc.

IDC 26 16:10:57.1+2.2, 42.79N:81.78E, h0km, mb3.7/1, mb1 3.5/4, mb1mx3.2/56, mbtmp3.5/4, ML3.1/3, MS2.7/2, Ms1 2.7/2, ms1mx2.3/36, Error ellipse: s-maj=41.0km s-min=19.8km az=107.0

SOME 26 16:10:58.7, 42.80N:82.15E, h25km BUJ 26 16:11:01.0, 0.0, 42.86N:82.02E, h10km, ML3.6/10, NNC 26 16:11:01.1, 1.0, 42.97N:81.95E, h0km, mb4.3, mpv4.2, Error ellipse: s-maj=8.4km s-min=3.7km az=143.0

ISC 26 16:10:55.7, 1.4, 42.84N:0.05:82.02E, 0.04, h9km, 10km, n39, s208/58, 15C-8D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like SHLS Shalkode, PDGK Podgornoye, DJR Jarkent, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like KTBS Karatobe, WMQ Urumqi, KUU Kurly, etc.

IDC 26 16:15:37.3, 2.3, 5.24S:102.48E, h0km, mb3.8/7, mb1 0.7, mb1mx3.6/46, mbtmp3.9/7, Error ellipse: s-maj=79.9km s-min=20.0km az=57.0

DJA 26 16:15:40.8, 0.4, 5.3S:102.6E, h10km, M4.2/12, mb4.5/2, MLV4.0/12

NEIC 26 16:15:43.4, 1.2, 5.3S:0.1, 102.6E, h43km, 6km, mb4.9/9, Error ellipse: s-maj=18.8km s-min=9.3km az=222.0

ISC 26 16:15:41.6, 0.9, 5.46S:0.07:102.43E, 0.08, h34km, n39, s143/36, mb4.2/12, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like MNAI Manna, KSI Kapahiang, LHSI Lahat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like ANAZ Anatahan, GUMO Guam, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like JCJ Chichijima, WBA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 26 17:09:00.9, 0.9, 0.55N:98.70E, h0km, mb4.0/12, mb1 4.0/13, mb1mx3.8/47, mbtmp4.0/13, ML4.4/1, MS3.6/2, Ms1 3.6/2, ms1mx2.8/43, Error ellipse: s-maj=34.2km s-min=16.1km az=57.0

NEIC 26 17:09:11.0, 2.1, 0.58N:0.08:98.68E, 0.06, h80km, 3km, mb4.5/26, Error ellipse: s-maj=12.4km s-min=6.9km az=205.0

KLM 26 17:09:11.0, 0.62N:98.64E, h106km, mb4.2, Hypocentre not reviewed by the ISC

DJA 26 17:09:11.7, 0.3, 1.1N:3.9'E, h61km, 15km, M4.6/19, mb5.3/4, mb4.9, MLV4.4/19, Mw(MB)4.7/4

ISC 26 17:09:11.3, 0.5, 0.68N:0.05:98.71E, 0.05, h80km, n79, s182/77, mb4.4/27, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like MNSI Mandailing Nat, SBSI Sibolga, GSI Gunungsitoli, etc.

ISC 26 17:09:11.3, 0.5, 0.68N:0.05:98.71E, 0.05, h80km, n79, s182/77, mb4.4/27, Northern Sumatara

ISC 26 17:09:11.3, 0.5, 0.68N:0.05:98.71E, 0.05, h80km, n79, s182/77, mb4.4/27, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like KASI Kota Agung, KSM Kuching, CISI Cismetep, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include SONM Sogingo Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

ADC 26 17:11:16.0-0.4, 21.215:15.15W, h0km, mb4.5/34, mb1 4.6/34, mb1mx4.5/42, mbtmp4.5/34, MS3.6/17, Ms1 3.6/17, ms1mx3.5/25, Error ellipse: s-maj=13.5km s-min=10.7km az=140.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include H10N1 ASCENSION HYDR1.33, H10N3 ASCENSION HYDR1.34, H10N2 ASCENSION HYDR1.35, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include PTGA Pitanga, PTGA Pitanga, CFA Coronel Fontan, AC02 Maricunga, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include LIT Litokhoron, TUE Stuetta, DAVA Damuels, FETA Echery, ECH Echery, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for D63A Stockholm, I61A Oroboro, U57A Blanch, V57A Coltrane Farms, W56A Indian Trail, KBZ Khabaz, KBZ Casey, CASY Casey, KIV Kislovodsk, L59A Walton, Y55A Saluda, NACGM Naroch, HODGE Hodges, R56A Bull Pasture M, X54A Belton, U55A TA2, Sparta, W54A Cherokee Point, NB2 NORAS Subarra, NOA NORAS Array B, NOA NORAS Array A, V54A Nebo, NC204 NORAS Array S, NC204 NORAS Array S, NC405 NORAS Array S, NC303 NORAS Array S, BORG Borgarnes, BORG Borgarnes, G55A Calabogie, Q52A Bidwell, VSU Vasula, D55A Sainte-Anne-du, S51A Beattville, LRAL Lakeview Retre, LRAL Lakeview Retre, SWET Sewanee, P51A Williamsport, G54A Lake Saint Pet, G53A Halliburton, SCHO Schefferville, SADO Sadowa, ALGO Algonquin Park, OBN Obninsk, CLTN Cedars de Leba, D53A Lac Vache, Po, D53A Lac Vache, Po, V48A Smith Brothers, D52A ZEK Kipawa Sen, P49A Miami Univ. Ec, P49A Miami Univ. Ec, Q49A Covington, M05 Moscow, FINES FINES Array B, FINES FINES Array A, PLAL Pickwick Lake, LSQO Lebel-sur-Quev, E51A G1948 Merrick, P48A Milroy, T47A Sharon Grove, WCI Wyandotte Cave, WCI Wyandotte Cave, WWT Waverly, W41B Gary Mavity, V, W41B Gary Mavity, V, WHAR Woolly Hollow

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for FCAR Ozark Folk Cen, MGMO Mountain Grove, U40A Yellville, U40A Yellville, W39A Magazine, W39A Magazine, R40A Maddies Statio, E43A Lone Tree Farm, P40A Paris, HHAR Hobbs, S39A Bolivar, JFWS Jewell Farm, JFWS Jewell Farm, U38A Gravette, ARCES ARCES Array B, KIRV Kirov, PRGR Permogore, T35A Sooner Centre, I37A Lemond, Waseca, TXAR Lajitas Array, PFO Pinyon Flats O, WMO Drumg, GTA Gaotai, GTA Gaotai, STKA Stephens Creek, BCAR Beaver Creek A, FITZ Fitzroy Crossi, TIXI Tiksi, SBU Silbu, RIDG Independent Ri, ASAR Alice Springs, ASAR Alice Springs, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, HDA Harding Lake, HDA Harding Lake, SONM Songino Array, SONM Songino Array, SONM Songino Array, WRN Wood River Hill, ULRN Ulanbaatar, KLU Klutina, RND Reindeer, RND Reindeer, SCM Sheep Creek Mo, SCM Sheep Creek Mo, IMAR Indian Mountai, BPAW Bear Paw Mtn, TRF Thorofore Moun, SML Sawmill, GHO Glory Hole Cre, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, TTA Tatalina, TTA Tatalina, HHC Hu-ho-hao-te, BILL Bilibino, NJ2 Nanjing, MVSF Nonsavu, CN2 Changchun, KLR Kul'dur, KRSR Korea Array, USRK Ussuriysk Arr, PMG Port Moresby, PMG Port Moresby, JMY Jayapura, JAY Jayapura, JAY Jayapura, TEY Temei, PETK Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, JUNU Nakatsue, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, INU Inuyama, MJB9 Matsushiro, MAJO Matsushiro, MAJO Matsushiro, MJAR Matsushiro, MJAR Matsushiro, MJAR Matsushiro, MJAR Matsushiro, IDC IDC 26 17:26:14.1, 1.3, 28.665:67.81W, h124km, 16km, mb3.8/2, mb1 3.8/4, mb1mx3.3/36, mbtmpt4.2/4, Error ellipse: s-maj=50.7km s-min=11.5km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, BUJ BUJ 26 17:43:48.0, 0.0, 7.29S:150.93E, h27km, mb5.1/14, mb4.7/21, Ms4.4/2, Ms7.4/3, NEIC 26 17:43:52.2, 2.6, 8.1S:0.07x150.41E, h10km, 1km, mb4.9/76, Error ellipse: s-maj=13.4km s-min=9.6km, IDC IDC 26 17:43:55.7, 3.2, 6.81S:150.33E, h29km, 22km, mb4.1/18, mb1 4.3/22, mb1mx4.3/31, mbtmpt4.3/22, ML4.3/3, MS3.5/19, Mb1 3.6/19, m1mx3.5/30, Error ellipse: s-maj=17.6km s-min=10.6km az=113.0, DJA DJA 26 17:43:57.0, 0.5, 7.5S:150.0E, h44km, 6km, M5.0/19, M5.0/19, M5.0/19, M5.0/19, M5.0/19, M5.0/19, M5.0/19, M5.0/19, GCMT 26 17:43:58.1, 0.4, 6.92S:0.02x150.49E, h1.04, h1.2km, MW4.7/72, Moment Tensor Solution, s15.c19: s72.c99; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-1.07s; 06; Ms1 3.4t; 04; Ms2-0.27t; 06; Ms3 0.11t; 14; Ms4 0.38t; 05; Ms5-0.82t; 23; Best double couple: M1: 5.7000x10^16 Np1: 0.49.00000, 0.49.00000, 0.49.00000. Principal axes: T 1.4480, Plg6.0000, Azm351.0000; N 0.2390, Plg3.0000, Azm85.0000; P -1.6910, Plg56.0000, Azm251.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, ISC 26 17:43:54.0, 0.4, 6.82S:0.05x150.44E, h0.06, h26km, n158, c1815/157, mb4.9/54, MS3.6/18, New Britain region, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, PMG Port Moresby, PMG Port Moresby, HNR Honiara, HNR Honiara, COEN Coen, COEN Coen, JAY Jayapura, MTSU Mont Surprise, CTA Charters Tower, CTAO Charters Tower, QIS Mount Isis, QIS Eidsvold, EIDS Eidsvold, FAKI Fak Fak, FAKI Fak Fak, RMO Kakadu, RMO Roma, MTN Manton Dam, MTN Manton Dam, SIJI Sorong, WB0 Warramunga Arr, WB0 Warramunga Arr, WR0 Warramunga Arr, WR0 Tennant Creek, WRAB Warramunga Arr, WR0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, GUM Guamp, QLMO Guam, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, KNRA Kunurra, KNRA Kunurra, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SOEI Soe, SOEI Soe, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, EDI Ende, EDI Ende, HTT Hallett, BBOO Buckleboob, BBOO Buckleboob, WSI Waingapu, FORT Forrest

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Denali Highway, Skilak Lake, Bradley Lake, etc.

IDC 26:21:07.19.5.1.2.21.20Sx179.14W, h607km, 13km, mb3.8/20, mb1.3.9/22, mb1mx3.7/40, mbtmp=7.7/22, Error ellipse: s-maj=12.6km s-min=10.0km az=73.0, NEIC 26:21:07.20.2.1.9.21.22Sx179.14W, h621km, 6km, mb4.6/78, Error ellipse: s-maj=15.5km s-min=13.5km az=79.0

ISC 26:21:07.20.0.3.21.22Sx179.12W, h619km, n188, r1923/186, mb4.5/55, 8C-2D, Fiji Islands region

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

Main table with columns: THZ, IAmB, IAmB, Time, Res, ISC, h, m, s, ISC. Includes stations like KHZ, LZT, OXZ, etc.

Table with columns: PV07, WRH, RIDG, HDA, etc. Includes stations like Paraflos Valley, Wood River Hill, etc.

NEIC 26:21:08.33.7.1.2.21.21Sx179.17W, h620km, 4km, mb4.7/11, Error ellipse: s-maj=15.1km s-min=10.9km az=114.0

IDC 26:21:08.33.3.1.1.21.22Sx179.06W, h595km, 11km, mb3.7/20, mb1.3.9/22, mb1mx3.7/41, mbtmp=7.7/22, Error ellipse: s-maj=12.1km s-min=9.7km az=90.0

ISC 26:21:08.34.0.5.21.22Sx179.06W, h607km, 5km, h608km, pp-P, n246, r1923/186, mb4.6/71, 2D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, El, P, I, Amb, S, Res. Includes stations like MYKA Terra Mystica, MOA Mollin, ARSA Azberg, etc.

SJA 26 21:25:12.70.0.6, 22.03S:69.99W, h43km, 4km, ML4.3, MW3.6
GUC 26 21:25:13.20.0.6, 22.99S:69.87W, h58km, 2km, ML4.5
NEIC 26 21:25:13.51.1.9, 23.00S:0.04:69.94W, 0.04, h46km, 7km, Error ellipse: s-maj=6.0km s-min=4.9km az=51.0

Table with columns: Code, Station Name, Az, El, P, I, Amb, S, Res. Includes stations like PB05 IPOC Station P, PB05 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, I, Amb, S, Res. Includes stations like G002 Mina Guanaco, G002 Mina Guanaco, G002 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, El, P, I, Amb, S, Res. Includes stations like KVN Kaiserville, KVN Kaiserville, KVN Kaiserville, etc.

az=47.0
IDC 27.01:27.12.3.1.0.67.96N-161.76W,h0km,mb3.6/8,
mb1.4.0/11,mb1mx3.7/49,mbtmp3.8/11,ML3.7/3,MS3.7/2,
Ms1.3/2,ms1mx3.0/56,Error ellipse: s-maj=31.0km
s-min=14.9km az=35.0
NEIC 27.01:27.13.1.1.8.67.60N-105.05:161.8W,0.1,119km,3km,
Error ellipse: s-maj=7.7km s-min=5.4km az=219.0
ISC 27.01:27.12.0.0.7.67.61N-161.75W,0.05,h10km,n56,
e=132/60,mb3.77,Northern Alaska

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

Code Station Name Az Az' Phase ID ISC Time Res ISC
H05N1 Gadeloupe/Mar 16.33 246 T P 01 49 25.7
ANWB Willy Bob 16.35 252 eP Pn 01 32 25.8 -1.7
ANWB Willy Bob 16.35 252 eS S 01 35 39.1 -2.4
ANWB Willy Bob 16.35 252 Pn Pn 01 32 25.2 -2.2
ANWB 16.35 252 Iamb Iamb 01 32 36.0

Main table with columns: MAGL, Station Name, Time, Res, ISC. Lists seismic events with magnitude, station name, time, residual, and ISC code.

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

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

Code Station Name Az Az' Phase ID ISC Time Res ISC
PDA Ponta Delgada 22.03 46 P P 01 33 32.7 +0.2
PSET Sete Cidades 22.04 46 eP P 01 33 31.7 -0.9
GRON Grotta Negra 22.13 46 eP P 01 33 33.9 +0.3

Code Station Name Az Az' Phase ID ISC Time Res ISC
PDA Ponta Delgada 22.03 46 P P 01 33 32.7 +0.2
PSET Sete Cidades 22.04 46 eP P 01 33 31.7 -0.9
GRON Grotta Negra 22.13 46 eP P 01 33 33.9 +0.3

Code Station Name Az Az' Phase ID ISC Time Res ISC
PDA Ponta Delgada 22.03 46 P P 01 33 32.7 +0.2
PSET Sete Cidades 22.04 46 eP P 01 33 31.7 -0.9
GRON Grotta Negra 22.13 46 eP P 01 33 33.9 +0.3

E64A	comp-Z,321nm,1.9s Bridgewater baz=134,SNR=45	28.95 327	P	P	01 34 36.5	-0.7	PSUB baz=125 Penn St. - Bra	29.98 310	P	Iamb	P	01 34 46.1	-0.3
E64A	baz=134		S	S	01 39 29.4	+1.6	PSUB comp-Z,162nm,1.8s		IAMs_20	IAMs_20		01 43 31.5	
H63A	new Sharon baz=128	28.96 322	P	P	01 34 38.0	+0.7	M60A comp-Z,17um,21.0s Port Jervis baz=117	30.01 313	P	P		01 34 45.5	-1.2
G63A	Kingsbury baz=130,SNR=12	29.02 323	P	P	01 34 36.2	-1.6	M60A baz=117		S	S		01 39 46.5	+1.9
N62A	Caumsett State baz=118	29.05 313	P	P	01 34 37.0	-1.1	D62A baz=133 Allapatt, All baz=133,SNR=22	30.01 327	P	S		01 34 45.9	-0.7
L62A	Suffield baz=121	29.06 316	P	S	01 34 37.0	-1.2	D62A		S	S		01 39 46.1	+1.6
L62A	baz=121		S	S	01 39 31.9	+2.2	D62A baz=133 Allapatt, All comp=Z,84nm,1.1s	30.01 327	Iamb	Iamb		01 34 50.5	
F63A	Nahmakanta, Br baz=131	29.12 325	P	P	01 34 37.6	-1.1	D62A		IAMs_20	IAMs_20		01 44 28.3	
F63A	baz=131		S	S	01 39 32.7	+2.2	L60A comp-Z,22um,20.0s Shokan baz=118	30.05 314	P	P		01 34 45.6	-1.4
F63A	Nahmakanta, Br comp=Z,180nm,1.9s	29.12 325	Iamb	Iamb	01 35 38.8		L60A		S	S		01 39 47.1	+1.8
F63A	comp=Z,19um,21.0s		IAMs_20	IAMs_20	01 43 26.6		S60A baz=118 Water View baz=109	30.05 305	P	P		01 34 46.1	-1.0
K62A	Royalston baz=122,SNR=12	29.12 317	P	P	01 34 37.5	-1.2	P60A Greenville baz=113	30.07 310	P	P		01 34 45.9	-1.2
K62A	baz=122		S	S	01 39 33.5	+2.9	P60A		S	S		01 39 48.2	+2.7
J62A	Henniker baz=124	29.16 318	P	P	01 34 37.9	-1.2	P60A baz=113 Greenville	30.07 310	IAMs_20	IAMs_20		01 43 33.8	
J62A	baz=124		S	S	01 39 33.2	+1.9	U60A comp=Z,17um,21.0s Pendleton baz=106,SNR=7.6	30.07 302	P	P		01 34 46.7	-0.5
PQ1	Presque Isle comp=Z,218nm,1.3s	29.22 327	Iamb	Iamb	01 34 44.0		U60A		S	S		01 39 47.9	+2.3
PQ1	comp=Z,20um,20.0s Tamworth baz=125	29.24 320	P	P	01 34 39.0	-0.8	O60A Telford baz=114,SNR=6.5	30.11 311	P	P		01 34 46.7	-0.8
I62A	baz=125		S	S	01 39 34.6	+2.1	O60A		S	S		01 39 49.8	+3.6
I62A	baz=125 Tamworth comp=Z,175nm,1.9s	29.24 320	Iamb	Iamb	01 35 32.0		N60A baz=114 Cedar Hill Far baz=116,SNR=8.5	30.13 312	P	P		01 34 46.7	-1.0
I62A	comp=Z,175nm,1.9s		IAMs_20	IAMs_20	01 44 23.8		N60A		S	S		01 39 49.1	+2.6
E63A	Oxbow comp=Z,20um,19.0s baz=133,SNR=21	29.25 327	P	P	01 34 38.6	-1.2	K60A baz=116 Five Rivers En baz=120	30.14 316	P	P		01 34 46.8	-1.0
E63A	baz=133		S	S	01 39 33.2	+0.7	W60A Pink Hill baz=103	30.14 299	P	P		01 34 48.9	+1.1
E63A	Oxbow comp=Z,24um,22.0s	29.25 327	IAMs_20	IAMs_20	01 43 44.1		J60A Lant Hill Farm baz=122,SNR=15	30.16 317	P	P		01 34 46.7	-1.3
L61B	Northampton baz=121	29.29 316	P	P	01 34 39.2	-1.0	J60A		S	S		01 39 50.4	+3.4
L61B	baz=121		S	S	01 39 35.6	+2.4	G61A St-Isidore-de- baz=127,SNR=15	30.18 322	P	P		01 34 46.9	-1.2
R61A	Willards baz=111	29.29 307	P	P	01 34 40.4	+0.1	R60A Leonardtown, M baz=110	30.18 306	P	P		01 34 47.8	-0.4
S61A	Accomac comp=Z,18um,22.0s	29.31 305	IAMs_20	IAMs_20	01 43 11.8		X60A Albert Glenn T baz=102	30.25 298	P	P		01 34 49.1	+0.3
PAL	Palisades baz=117	29.38 313	P	S	01 34 39.9	-1.2	F61A St Evariste baz=129	30.31 324	P	P		01 34 48.7	-0.5
PAL	baz=117		S	S	01 39 36.6	+1.9	F61A		S	S		01 39 51.2	+2.0
P61A	Hammonton baz=114	29.41 310	P	P	01 34 41.1	-0.3	E61A Lac Etchemin baz=130,SNR=19	30.32 325	P	P		01 34 48.2	-1.2
P61A	Hammonton comp=Z,18um,21.0s	29.41 310	IAMs_20	IAMs_20	01 43 14.5		CNNC Cliffs of the baz=104	30.33 300	P	P		01 34 49.1	-0.4
O61A	Allentown baz=115	29.42 311	P	S	01 34 40.6	-0.9	MTDJ Mount Denham ACCN Adirondack Com comp=Z,114nm,1.6s	30.35 266	eP	Iamb		01 34 41.3	-8.7
O61A	baz=115		S	S	01 39 38.7	+3.3	I60A Shoreham baz=122	30.40 318	P	P		01 34 49.5	-0.6
V61A	Roper baz=106	29.43 301	P	P	01 34 43.0	+1.5	I60A		S	S		01 39 54.4	+3.7
V61A	Roper comp=Z,18um,21.0s	29.43 301	IAMs_20	IAMs_20	01 43 05.0		H60A Morristown baz=124,SNR=11	30.44 320	P	P		01 34 50.8	+0.4
M61A	Granite Spring baz=118	29.43 313	P	P	01 34 39.4	-2.1	Q59A Harwood baz=111	30.44 307	P	P		01 34 53.8	+3.3
M61A	baz=118		S	S	01 39 37.4	+1.9	MACA Manacapuru-AM T59A Double "B" Far baz=107	30.49 211	eP	P		01 34 52.5	+1.4
U61A	Possum Corner baz=107	29.48 302	P	P	01 34 42.9	+0.9	T59A		S	S		01 34 50.8	-0.3
U61A	Possum Corner comp=Z,19um,22.0s	29.48 302	IAMs_20	IAMs_20	01 43 06.3		T59A Double "B" Far comp=Z,19um,22.0s	30.51 303	P	P		01 39 55.0	+2.4
O61A	Milford baz=112	29.48 308	P	P	01 34 42.2	+0.2	TAMC Tame, Arauca U59A Littleton baz=106	30.52 240	eP	P		01 43 47.7	
D63A	Stockholm baz=135,SNR=37	29.52 328	P	P	01 34 41.8	-0.4	U59A		S	S		01 34 51.6	+0.3
D63A	baz=135		S	S	01 39 39.3	+2.6	U59A Littleton comp=Z,20um,21.0s	30.53 302	IAMs_20	IAMs_20		01 39 55.6	+2.8
N61A	South Mountain baz=116	29.53 312	P	P	01 34 41.9	-0.5	G60A Masonville baz=126,SNR=19	30.53 321	P	P		01 34 51.9	+0.7
N61A	baz=116		S	S	01 39 40.3	+3.3	G60A		S	S		01 39 55.6	+2.9
H62A	Milan baz=127,SNR=7.6	29.55 321	P	P	01 34 41.3	-1.2	S59A Mechanicville baz=108	30.55 305	P	P		01 34 51.2	-0.3
H62A	baz=127		S	S	01 39 39.9	+2.7	P59A Jarrettsville baz=112	30.55 309	P	P		01 34 52.2	+0.7
G62A	Milan comp=Z,21um,21.0s	29.55 321	IAMs_20	IAMs_20	01 43 46.9		P59A		S	S		01 39 56.3	+3.1
G62A	West of Eustis baz=128,SNR=16	29.58 323	P	P	01 34 42.2	-0.6	R59A baz=112 Kin George, V baz=109	30.56 306	P	P		01 34 49.9	-1.7
G62A	baz=128		S	S	01 39 40.3	+2.4	R59A		S	S		01 39 56.3	+3.0
G62A	West of Eustis comp=Z,22um,22.0s	29.58 323	IAMs_20	IAMs_20	01 43 37.9		N59A State Game Lan baz=115,SNR=17	30.61 311	P	P		01 34 53.0	+0.9
W61A	Ground Anchor baz=104	29.60 300	P	P	01 34 43.3	+0.2	N59A		S	S		01 39 57.9	+3.7
J61A	Chester baz=123,SNR=11	29.68 318	P	P	01 34 43.3	-0.4	N59A State Game Lan comp=Z,196nm,1.8s	30.61 311	Iamb	Iamb		01 34 56.2	
J61A	baz=123		S	S	01 39 42.3	+2.9	MVL Millersville comp=Z,170nm,1.4s	30.64 309	Iamb	Iamb		01 35 02.9	
F62A	Pittston Farm, baz=130,SNR=9.5	29.70 324	P	P	01 34 42.7	-1.1	M59A Waymart baz=116,SNR=11	30.65 313	P	P		01 34 52.6	+0.3
F62A	baz=130		S	S	01 39 40.5	+0.8	M59A		S	S		01 39 57.9	+3.2
F62A	Pittston Farm, comp=Z,19um,21.0s	29.70 324	IAMs_20	IAMs_20	01 43 43.1		O59A Robesonia baz=114,SNR=9.3	30.65 310	P	P		01 34 52.9	+0.6
HNH	Hanover comp=Z,19um,22.0s	29.71 319	IAMs_20	IAMs_20	01 43 39.4		O59A		S	S		01 39 58.0	+3.3
L61A	Hillsdale 1, H baz=120,SNR=9.1	29.71 315	P	P	01 34 43.6	-0.5	ARGC Ariguani, Magd D61A St Aubert, Com baz=132	30.66 248	eP	P		01 34 55.7	+3.0
L61A	baz=120		S	S	01 39 42.4	+2.4	D61A		S	S		01 34 53.3	+0.9
K61A	Williamstown baz=121	29.77 316	P	P	01 34 44.0	-0.6	L59A Walton baz=118,SNR=9.7	30.68 314	P	P		01 39 56.1	+1.2
K61A	baz=121		S	S	01 39 43.6	+2.7	L59A		S	S		01 39 58.0	+2.8
I61A	baz=121 Oroboro, Fair baz=124,SNR=6.9	29.79 319	P	P	01 34 43.7	-1.0	PAMC Pamplona, Colo Middlesex baz=104	30.72 243	eP	P		01 34 44.9	-8.8
I61A	baz=124		S	S	01 39 44.2	+3.0	V59A		S	S		01 34 54.9	+1.4
LBNH	Lisbon baz=125,SNR=12	29.80 320	P	P	01 34 44.0	-0.8	OCAC Ocana I59A Olmsteadville baz=122,SNR=15	30.73 245	eP	P		01 34 52.1	-1.3
LBNH	baz=125		S	S	01 39 45.3	+4.0	I59A		S	S		01 34 53.9	+0.9
LBNH	Lisbon comp=Z,300nm,1.8s	29.80 320	Iamb	Iamb	01 34 49.3		W59A baz=122 Clinton baz=103	30.75 299	P	P		01 39 58.9	+2.9
LBNH	comp=Z,20um,20.0s		IAMs_20	IAMs_20	01 44 12.6		W59A		S	S		01 34 54.5	+1.3
ODNJ	Ogdensburg comp=Z,149nm,1.9s	29.89 312	Iamb	Iamb	01 34 49.4		W59A baz=103		S	S		01 39 58.5	+2.1
ODNJ	comp=Z,16um,20.0s Greensboro	29.90 308	P	P	01 34 44.6	-1.1	X59A McDuffie Farm, baz=102	30.75 298	P	P		01 34 54.0	+0.8
Q60A	baz=112		S	S	01 39 46.7	+3.8	X59A		S	S		01 39 57.8	+1.4
T60A	Surry baz=108	29.94 304	P	P	01 34 45.1	-0.9	CBN Corbin Frederi baz=109	30.75 306	P	P		01 34 53.3	0.0
T60A	Surry comp=Z,77nm,0.9s	29.94 304	Iamb	Iamb	01 34 55.9		CBN		S	S		01 39 59.6	+3.3
T60A	comp=Z,77nm,0.9s		IAMs_20	IAMs_20	01 43 31.4		E60A Ste Agathe de baz=129,SNR=8.6	30.80 324	P	P		01 34 54.1	+0.6
E62A	Clayton Lake baz=132,SNR=16	29.94 326	P	P	01 34 45.1	-0.9	E60A		S	S		01 40 00.1	+3.2
E62A	baz=132		S	S	01 39 45.3	+1.8	F60A Warwick baz=127,SNR=9.0	30.83 323	P	P		01 34 53.3	-0.5
E62A	Clayton Lake comp=Z,26um,22.0s	29.94 326	IAMs_20	IAMs_20	01 44 03.4		F60A		S	S		01 40 02.6	+5.2
PRPB	Parauapebas eP	29.95 189	eP	P	01 34 48.2	+1.8	K59A baz=127 Chestown baz=119,SNR=18	30.84 315	P	P		01 34 54.7	+0.7
PRPB	baz=127		S	P	01 34 50.5	+1.1	K59A		S	S		01 40 01.0	+3.3
V60A	Jim Taylor Roa baz=105,SNR=6.6	29.96 301	P	P	01 34 45.3	-0.5	D60A Saint Jean D'O baz=130,SNR=9.4	30.86 325	P	P		01 34 53.9	-0.2
V60A	baz=105		S	S	01 39 45.7	+1.8	D60A		S	S		01 39 59.8	+2.0
V60A	Jim Taylor Roa comp=Z,17um,21.0s	29.96 301	IAMs_20	IAMs_20	01 43 22.1		KSPA baz=130 Keystone Colle comp=Z,165nm,1.8s	30.88 313	Iamb	Iamb		01 34 58.2	
H61A	Lyndonville baz=125,SNR=18	29.97 320	P	P	01 34 45.6	-0.7							
H61A	baz=125		S	S	01 39 45.9	+2.0							
J59A	Piesco baz=120,SNR=8.4	30.95 317	P	P	01 34 55.4	+0.4							
J59A	baz=120		S	S	01 40 04.1	+4.7							
G59A	Clarenceville baz=124,SNR=19	31.01 320	P	P	01 34 55.2	-0.2							
R58B	Mineral baz=108	31.05 305	P	P	01 34 56.9	+1.0							
R58B	baz=108		S	S	01 40 03.4	+2.4							

27d 1h

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L57A	baz=115	S	S	01 40 16.4 +3.6	PECO	comp=Z,13um,19.0s	IAMS_20	IAMS_20	01 45 42.0	O54A	Avella	33.60 308	IAMB	IAMB	01 36 32.3		
S57A	Dark Hollow, R	31.81 304	P	P	01 35 03.7 +1.1	BLA	Blacksburg	32.79 302	P	P	01 35 13.4 +2.2	O54A	comp=Z,232nm,1.8s	IAMS_20	IAMS_20	01 45 46.3	
S57A	Dark Hollow, R	31.81 304	IAMS_20	IAMS_20	01 44 37.9	BLA	baz=104	S	S	01 40 32.3 +4.1	S54A	comp=Z,14um,21.0s	33.62 303	P	P	01 35 17.7 -0.8	
E58A	La Victoria	31.81 322	P	P	01 35 02.3 -0.2	BLA	Blacksburg	32.79 302	IAMS_20	IAMS_20	01 45 07.9	S54A	baz=104	S	S	01 40 44.4 +3.3	
E58A	baz=126	S	S	01 40 13.1 +0.4	N55A	Marion Center	32.80 309	P	P	01 35 12.8 +1.5	S54A	Dinges, Beckl	33.62 303	IAMS_20	IAMS_20	01 45 43.9	
F58A	St-Lin Laurent	31.82 321	P	S	01 35 02.4 -0.2	N55A	baz=111,SNR=20	S	S	01 40 31.5 +3.1	T54A	Tazewell	33.65 302	P	P	01 35 18.8 0.0	
T57A	Hurt	31.83 303	P	P	01 35 03.7 +0.9	Z56A	Williston	32.81 295	P	P	01 35 12.4 +1.0	T54A	baz=103,SNR=15	S	S	01 40 44.2 +2.5	
T57A	baz=105	S	S	01 40 15.1 +1.9	Y56A	Polion	32.82 296	P	P	01 35 10.2 -1.3	HODGE	Hodges	33.67 297	IAMB	IAMB	01 35 29.2	
T57A	Hurt	31.83 303	IAMS_20	IAMS_20	01 44 38.6	O55A	baz=98	S	S	01 40 31.0 +2.3	V54A	Nebo	33.67 299	P	P	01 35 19.3 +0.3	
J57A	Scipio Center	31.88 316	P	P	01 35 04.0 +0.9	Y56A	Ligonier	32.83 308	P	P	01 35 12.2 +0.6	V54A	baz=101,SNR=9.3	S	S	01 40 44.6 +2.5	
K57A	baz=118	S	S	01 40 16.9 +3.1	O55A	Marlinton	32.84 304	P	P	01 40 31.7 +2.9	HELIC	Santa Helena	33.68 244	eP	P	01 35 18.5 -1.1	
K57A	Scipio Center	31.90 314	P	P	01 35 04.2 +0.8	R55A	baz=110	S	S	01 35 14.1 +2.4	U54A	Nelsons Funny	33.72 301	P	P	01 35 19.4 0.0	
I57A	Carthage	31.92 317	P	P	01 35 04.1 +0.7	R55A	baz=106,SNR=32	S	S	01 40 33.8 +4.8	U54A	baz=102	S	S	01 40 45.2 +2.3		
I57A	baz=120,SNR=14	S	S	01 40 16.9 +2.5	R55A	Marlinton	32.84 304	IAMS_20	IAMS_20	01 45 22.2	U54A	Nelsons Funny	33.72 301	IAMS_20	IAMS_20	01 45 59.7	
X57A	Johnson Farm,	31.94 298	P	P	01 35 04.3 +0.6	M55A	Ridgway	32.90 311	P	P	01 35 22.4 +0.2	W54A	comp=Z,19um,20.0s	33.74 298	P	P	01 35 20.0 +0.4
X57A	baz=100	S	S	01 40 15.5 +0.5	M55A	Ridgway	32.90 311	IAMB	IAMB	01 35 17.2	W54A	baz=100	S	S	01 40 43.6 +0.5		
V57A	Coltrane Farms	31.97 300	P	P	01 35 05.0 +1.0	E56A	St. Veronique	32.91 321	P	P	01 35 11.8 -0.3	DBBC	Dabelba	33.79 246	eP	P	01 35 17.5 -2.7
V57A	baz=103,SNR=6.3	S	S	01 40 17.0 +1.6	E56A	baz=124,SNR=14	S	S	01 40 31.7 +1.9	X54A	Belton	33.81 297	P	P	01 35 20.6 +0.4		
SSPA	Standing Stone	31.97 310	P	P	01 35 05.2 +1.2	K55A	Perry	32.93 313	P	P	01 35 13.4 +0.7	X54A	baz=99	S	S	01 40 45.0 +0.9	
SSPA	baz=112	S	S	01 40 18.7 +3.3	K55A	baz=115,SNR=6.4	S	S	01 40 32.8 +2.5	ALLY	Alegheny Cole	33.93 310	IAMB	IAMB	01 35 26.2		
SSPA	Standing Stone	31.97 310	P	P	01 35 03.1 -0.9	L55A	Hersate	32.95 312	P	P	01 35 13.6 +0.9	ERPA	Erie	33.99 311	P	P	01 35 20.8 -0.9
W57A	Gilead	31.99 299	P	P	01 35 05.4 +1.2	L55A	baz=114,SNR=21	S	S	01 40 34.6 +3.9	ERPA	baz=112	S	S	01 40 49.0 +2.2		
W57A	baz=102,SNR=9.6	S	S	01 40 18.4 +2.7	LCB5	Los Cordobas,	32.97 249	eP	P	01 35 10.1 -2.9	Q53A	Leroy	34.05 305	P	P	01 35 21.5 -0.7	
W57A	Gilead	31.99 299	IAMB	IAMB	01 35 14.5	P55A	Reedsville	32.98 307	P	P	01 35 13.1 +0.2	H53A	Bobcaygeon	34.07 316	P	P	01 35 21.7 -0.6
NPGB	Novo Progresso	32.01 199	eP	P	01 35 05.2 +0.7	P55A	baz=108	S	S	01 40 35.8 +4.6	H53A	baz=117,SNR=7.5	S	S	01 40 50.1 +2.2		
H57A	Richville	32.01 318	P	P	01 35 05.5 +1.2	S55A	Lewisburg	32.99 303	P	P	01 35 14.4 +1.6	GU2C	Guayana, Caldas	34.10 242	eP	P	01 35 22.4 -1.0
D58A	Chemin du LacG	32.02 324	P	P	01 35 04.7 +0.4	J55A	Hilton	32.99 314	P	P	01 40 36.2 +4.8	E54A	Lac Daplat, Po	34.10 320	P	P	01 35 21.2 -1.3
D58A	baz=128	S	S	01 40 17.1 +1.1	J55A	baz=116,SNR=8.8	S	S	01 40 35.0 +3.8	E54A	baz=121,SNR=28	S	S	01 40 49.4 +1.0			
G57A	Newington	32.10 319	P	P	01 35 05.6 +0.6	J55A	Hilton	32.99 314	IAMB	IAMB	01 35 16.9	L53A	Girard	34.12 311	P	P	01 35 22.0 -0.7
G57A	baz=122,SNR=10.0	S	S	01 40 19.6 +2.4	Q55A	Buckhannon	33.01 306	P	P	01 35 12.9 -0.3	L53A	baz=111	S	S	01 40 50.6 +1.9		
Y57A	Sumter	32.10 297	P	P	01 35 05.9 +0.7	Q55A	comp=Z,230nm,1.8s	S	S	01 40 36.4 +4.7	P53A	Whipple	34.13 306	P	P	01 35 22.4 -0.4	
LATQ	La Tuque	32.15 324	P	P	01 35 05.7 +0.3	D56A	REC Mazanza, M	33.03 322	P	P	01 35 11.5 -1.7	P53A	Whipple	34.13 306	IAMB	IAMB	01 35 33.2
061Z	Ochoppe	32.15 281	IAMS_20	IAMS_20	01 44 29.7	D56A	baz=125	S	S	01 40 32.9 +1.1	P53A	comp=Z,75nm,1.1s	IAMS_20	IAMS_20	01 46 01.4		
PTGC	Puerto Gallan,	32.16 237	eP	P	01 35 05.1 -0.8	MCWV	Mont Chateau	33.04 307	P	P	01 35 12.9 -0.5	N53A	Lisbon	34.13 309	P	P	01 35 22.1 -0.8
S56A	Natural Bridge	32.25 304	P	P	01 35 08.5 +2.1	MCWV	baz=109,SNR=8.3	S	S	01 40 35.7 +3.6	N53A	comp=Z,15um,21.0s	IAMS_20	IAMS_20	01 46 01.4		
S56A	baz=106	S	S	01 40 23.8 +4.0	T55A	Pulaski	33.05 302	P	P	01 35 13.4 -0.1	G54A	Lake Saint Pet	34.14 317	P	P	01 35 21.5 -1.4	
P56A	Dayton Farm, R	32.26 307	P	P	01 35 07.7 +1.2	T55A	baz=104,SNR=12	S	S	01 40 36.7 +4.4	G54A	baz=118	S	S	01 40 49.5 +0.5		
P56A	baz=109	S	S	01 40 24.1 +4.3	V55A	Taylorville	33.10 300	P	P	01 35 13.9 -0.1	PVFI	Vila Bisbo	34.16 58	eP	P	01 35 22.5 -0.6	
F57A	Harrington	32.30 320	P	P	01 35 06.3 -0.5	V55A	baz=102	S	S	01 40 35.8 +2.6	PVFI	Vila Bisbo	34.16 58	IAMS_20	IAMS_20	01 45 01.7	
F57A	baz=123	S	S	01 40 22.6 +2.2	U55A	TA2, Sparta	33.11 301	P	P	01 35 14.0 -0.1	D54A	comp=Z,14um,20.0s	34.17 321	P	P	01 35 21.2 -1.9	
O56A	Blue Knob Stat	32.32 309	P	P	01 35 08.7 +1.5	U55A	baz=103	S	S	01 40 37.4 +4.1	D54A	baz=123	S	S	01 40 50.4 +0.9		
O56A	baz=111	S	S	01 40 25.0 +4.1	CHIC	Chingaza	33.14 240	eP	P	01 35 15.6 +0.7	154A	Montrose	34.18 294	IAMB	IAMB	01 35 37.6	
O56A	Blue Knob Stat	32.32 309	IAMB	IAMB	01 35 12.7	H55A	Tweed	33.17 317	P	P	01 35 13.3 -1.1	154A	comp=Z,11um,18.0s	IAMS_20	IAMS_20	01 47 32.9	
E57A	Chemin Saint G	32.33 322	P	P	01 35 06.6 -0.4	H55A	baz=118,SNR=11	S	S	01 40 35.3 +1.4	S53A	Williamson	34.22 303	P	P	01 35 22.4 -1.3	
E57A	baz=125	S	S	01 40 21.3 +0.5	X55A	baz=118	S	S	01 40 35.3 +1.4	S53A	baz=104,SNR=7.4	S	S	01 40 52.4 +2.0			
R56A	Bull Pasture M	32.33 305	P	P	01 35 08.7 +1.4	X55A	Gracelyn & Ava	33.19 297	P	P	01 35 14.8 0.0	O53A	New Philadelph	34.23 307	P	P	01 35 22.9 -0.8
R56A	baz=107,SNR=12	S	S	01 40 25.4 +4.2	G55A	Calabogie	33.23 318	P	P	01 35 14.0 -0.9	O53A	baz=108	S	S	01 40 52.9 +2.5		
L56A	Greenwood	32.34 312	P	P	01 35 07.9 +0.6	G55A	baz=120,SNR=6.3	S	S	01 40 35.1 +0.4	M53A	WI Miller and	34.23 310	P	P	01 35 22.7 -1.0	
L56A	baz=115,SNR=21	S	S	01 40 24.6 +3.4	F55A	Otter Lake	33.30 319	P	P	01 35 14.3 -1.2	M53A	baz=110	S	S	01 40 51.7 +1.3		
257A	Skidaway Islan	32.36 293	IAMS_20	IAMS_20	01 45 48.9	Y55A	Saluda	33.30 296	P	P	01 35 15.8 +0.2	R53A	Hurricane	34.24 304	P	P	01 35 22.7 -1.1
Q56A	Snyder Ridge,	32.37 306	P	P	01 35 08.7 +1.2	Y55A	baz=98	S	S	01 40 37.8 +1.7	R53A	Hurricane	34.24 304	IAMB	IAMB	01 35 34.4	
Q56A	baz=108	S	S	01 40 25.6 +4.0	K54A	Basilisk Farm,	33.30 313	P	P	01 35 14.8 -0.8	R53A	comp=Z,17um,22.0s	IAMS_20	IAMS_20	01 46 04.3		
Q56A	Snyder Ridge,	32.37 306	IAMB	IAMB	01 35 18.6	K54A	Frankford	33.33 316	P	P	01 40 38.1 +2.1	CBOC	Ciudad Bolivar	34.26 244	eP	P	01 35 25.3 +0.9
Q56A	comp=Z,115nm,1.1s	IAMS_20	IAMS_20	01 44 55.7	I55A	baz=114	S	S	01 40 37.8 +1.4	LIS	Lisbon	34.29 55	eP	P	01 35 23.9 -0.4		
N56A	West Decatur	32.37 310	P	P	01 35 07.7 +0.2	I55A	baz=118,SNR=9.5	S	S	01 40 37.8 +1.4	LIS	Lisbon	34.29 55	eP	P	01 35 23.0 -1.2	
N56A	baz=112	S	S	01 40 25.1 +3.5	PLVO	Pleasant	33.34 318	IAMS_20	IAMS_20	01 45 28.3	LIS	comp=Z,21um,15.7s	34.29 55	eP	P	01 35 23.8 -0.4	
J56A	Wolcott	32.37 315	P	P	01 35 07.5 +0.1	PAULI	Pauline	33.40 298	IAMB	IAMB	01 35 27.1	PTEO	Sao Teotonio	34.33 58	eP	P	01 35 25.8 +1.2
J56A	baz=117,SNR=9.8	S	S	01 40 24.7 +3.2	D55A	Sainte-Anne-du	33.42 322	P	P	01 35 15.5 -1.1	MORF	Marmelete	34.33 58	eS	P	01 35 24.2 -0.5	
SMTB	Santa Maria do	32.39 184	eP	P	01 35 09.8 +1.9	D55A	baz=124,SNR=26	S	S	01 40 39.0 +1.2	MORF	Marmelete	34.33 58	eS	P	01 40 53.1 +0.9	
SMTB	baz=97	S	S	01 40 24.7 +2.3	DELO	Deloro Mine	33.43 316	IAMB	IAMB	01 35 20.5	MORF	Marmelete	34.33 58	eS	P	01 35 22.5 -2.2	
157A	Early Branch	32.42 294	S	S	01 35 12.3 +1.3	E55A	Montcert-Lyto	33.45 320	P	P	01 35 15.8 -1.0	BG3	Lake Jocassee	34.33 298	IAMB	IAMB	01 35 35.5
K56A	Middlesex	32.42 314	P	P	01 35 07.7 -0.2	R54A	Victor	33.47 304	P	P	01 35 16.9 -0.3	G53A	Haliburton	34.34 317	P	P	01 35 23.2 -1.4
K56A	baz=116,SNR=16	S	S	01 40 26.0 +3.6	R54A	baz=105,SNR=12	S	S	01 40 42.3 +3.5	V53A	Saluda	34.35 299	IAMB	IAMB	01 35 35.4		
T56A	Rocky Mt	32.44 302	P	P	01 35 09.9 +1.7	R54A	baz=105	S	S	01 35 18.9 +1.1							

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like O52A Adamsville, AVE Averces, P52A Corning, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like V51A Univ. de Panam, UPA PEIX, BETA, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

IL31	comp=Z,113nm,1.2s	73.55 334	I	Amb	I	01 40 19.7
ILAR	comp=Z,64nm,1.0s	73.55 334	P	P	P	01 40 10.1 -0.6
ILAR	Eielson Array	73.55 334	P	P	P	01 40 10.1 -0.6
ILAR	comp=Z,17nm,0.9s,baz=70,slow=4.7,SNR=85	73.55 334	LR	LR	LR	02 12 08.3
ILAR	comp=Z,12um,19.1s,baz=72,slow=36	73.55 334	P	P	P	01 40 09.0 -1.6
ILAR	Eielson Array	73.55 334	P	P	P	01 40 09.0 -1.6
ILAR	Eielson Array	73.55 334	P	P	P	01 40 13.9 +2.1
POKR	Poker Plat Res	73.55 334	P	P	P	01 40 13.9 +2.1
POKR	baz=69		S	SKIKP		01 49 40.0 -1.3
HDA	Harding Lake	73.70 334	P	P	P	01 40 12.4 +0.9
COLA	College	73.90 334	iP	pmax		01 40 12.7 +0.1
COLA	comp=Z,24nm,1.0s	73.90 334	P	P	P	01 40 11.9 -0.7
COLA	CIGO, UAF Yank	73.90 334	P	P	P	01 40 12.9 +0.2
COLD	Coldfoot	73.91 337	P	P	P	01 40 13.9 +1.2
COLD	Coldfoot	73.91 337	I	Amb	I	01 40 24.7
ZEI	Tsey	73.92 50	eP	P	P	01 40 13.7 +0.2
ZEI			eS	S	S	01 49 49.8 +4.1
ZEI			pmax			
HMT	Hamilton	73.92 329	I	Amb	I	01 40 22.6
CCB	Clear Creek Bu	73.96 334	I	Amb	I	01 40 23.9
AKH	Akhalkalaki	74.04 51	iP	P	P	01 40 15.2 +1.1
AKH	Akhalkalaki	74.04 51	P	P	P	01 40 14.6 +0.4
AKH	comp=Z,109nm,1.7s			MLR	MLR	
AKH	comp=Z,2um,19.0s	74.04 51	P	I	Amb	01 40 14.6 +0.4
AKH	Akhalkalaki	74.04 51	P	I	Amb	01 40 28.7
RAGM	Ragged MOUNT	74.10 329	I	Amb	I	01 40 23.6
WRH	Wood River Hill	74.14 334	I	Amb	I	01 40 23.6
A21K	Barrow	74.24 342	S	S	S	01 49 50.6 +2.8
KLU	Klutina	74.29 331	P	I	Amb	01 40 13.9 -1.2
KLU			P	I	Amb	01 40 24.6
NEA2	Nenana	74.49 334	P	P	P	01 40 16.6 +0.5
MCK	McKinley	74.76 333	I	Amb	I	01 40 28.0
SCM	Sheep Creek Mo	74.79 331	I	Amb	I	01 41 03.9
FID	Port Fidalgo	74.81 330	I	Amb	I	01 40 27.2
TBLG	Delisi	74.83 51	P	pmax		01 40 19.0 +0.4
TBLG	comp=Z,129nm,1.7s	74.83 51	P	I	Amb	01 40 19.0 +0.4
TBLG	Delisi	74.83 51	P	I	Amb	01 40 33.4
TBLG	comp=Z,129nm,1.7s	74.84 119	I	Amb	I	02 05 06.2
TBLG	Tsumeb	74.84 119	I	Amb	I	02 05 06.2
RND	Reindeer	74.85 333	I	Amb	I	01 40 23.2
HIN	Hinchinbrook I	74.94 330	I	Amb	I	01 40 27.8
MLY	Manley	74.97 335	I	Amb	I	02 12 14.0
GROC	Groznyy	75.11 49	eP	P	P	01 40 20.0 -0.1
GROC			e			01 40 33.2
GROC			e			01 43 02.7
GROC			pmax	pmax		
KNK	Knik Glacier	75.45 331	I	Amb	I	01 40 33.7
GHO	Glory Hole Cre	75.52 331	I	Amb	I	01 40 46.0
IMAR	Indian Mountai	75.71 336	P	I	Amb	01 40 22.6 -0.6
EFI	East Falkland	75.82 188	I	Amb	I	02 16 21.3
CUT	Chulitna	75.84 332	P	P	P	01 40 24.0 0.0
MAK	Makhachkala	76.37 49	eP	P	P	01 40 21.6 -5.7
MAK			eS	S	S	01 50 02.5 -1.0
MAK			eSS	SS	SS	01 55 01.0 -5.2
MAK			eSSS	SSS	SSS	01 58 21.4
MAK			pmax	pmax		
MAK	comp=Z,102nm,1.1s			MLR	MLR	
O22K	Cooper Landing	76.39 330	P	P	P	01 40 28.3 +1.3
SKT	Skwentna	76.56 332	I	Amb	I	01 40 42.7
CAPN	Captain Cook N	76.91 331	P	P	P	01 40 31.0 +1.0
AKT	Akhty	77.03 50	eP	P	P	01 40 31.3 0.0
AKT			e			01 40 42.7
AKT			e			01 43 23.7
AKT			pmax	pmax		
BRLK	Bradley Lake	77.21 330	I	Amb	I	01 40 42.7
MBAR	Mbarara	77.66 96	iP	pmax		01 40 36.2 +0.9
RDGO	Red Dog Mine	77.80 340	I	Amb	I	01 40 39.6
RDGO	comp=Z,49nm,0.9s			I	Amb	02 14 07.5
ARU	Arti	77.99 33c	iP	P	P	01 40 35.9 -0.3
ARU			PPP	PPP	PPP	01 45 17.1
ARU			S	S	S	01 50 29.2 -0.5
ARU			pmax	pmax		
ARU	comp=Z,20nm,1.1s	77.99 33	P	I	Amb	01 40 36.1 -0.1
ARU	Arti	77.99 33	P	I	Amb	01 40 51.1
HOPE	Hope Point	78.02 175	I	Amb	I	02 13 59.0
SVE	Sverdlövsk	78.86 33d	eP	P	P	01 40 41.1 +0.1
SVE			e			01 50 41.1 +2.2
SVE			pmax	pmax		
KDAK	Kodiak Island	78.88 329	P	pmax	P	01 40 40.7 -0.3
KDAK	comp=Z,23nm,0.8s			MLR	MLR	
KDAK	comp=Z,6um,20.0s	78.88 329	P	P	P	01 40 40.7 -0.3
KDAK	Kodiak Island	78.88 329	I	Amb	I	02 17 40.0
OHAK	Old Harbor	79.47 328	I	Amb	I	02 11 58.5
RPN	Rapa Nui	79.66 234	LR	LR	LR	02 11 58.5
SII	Sitkinak Islan	80.22 328	I	Amb	I	02 12 27.7
AKO	Aktyubinsk	80.23 39	P	P	P	01 40 49.0 +0.5
AKO	Aktyubinsk	80.23 39	P	P	P	01 40 49.0 +0.5
MG01	Puerto William	80.55 193	I	Amb	I	02 16 40.1
ANM	Norne	80.62 338	I	Amb	I	02 16 28.2
NRIK	Noril'sk	81.32 15	P	P	P	01 40 54.5 +0.5
NRIK	comp=Z,3.0nm,0.6s,baz=226,slow=18,SNR=6.0		LR	LR	LR	02 12 58.4
LSZ	Lusaka	81.73 111	P	P	P	01 40 56.3 -0.9
LSZ	comp=Z,90nm,1.9s	81.73 111	P	P	P	01 40 56.4 -0.9
LSZ	Gambell	83.27 339	I	Amb	I	02 17 54.3
GAMBO	Gambell array	83.27 339	I	Amb	I	02 17 54.3
GAMBO	comp=Z,5um,22.0s	83.82 94	P	P	P	01 41 09.9 +1.5
KMBO	Kilima Mbogo	83.82 94	P	P	P	01 41 09.9 +1.5
KMBO	comp=Z,6.9nm,0.9s,baz=281,slow=5.5,SNR=12		LR	LR	LR	02 19 49.4

KMBO	Kilima Mbogo	83.82 94	iP	P	P	01 41 11.2 +2.8
KMBO	Kilima Mbogo	83.82 94	iP	P	P	01 41 11.2 +2.8
KMBO	Kilima Mbogo	83.82 94	P	pmax	P	01 41 09.9 +1.5
KMBO	comp=Z,23nm,1.1s			MLR	MLR	
KMBO	comp=Z,4um,19.0s	83.82 94	P	I	Amb	01 41 09.9 +1.5
KMBO	Kilima Mbogo	83.82 94	I	Amb	I	02 17 33.6
KMBO	comp=Z,4um,19.0s	83.88 329	I	Amb	I	02 17 01.5
SDPT	Sand Point	83.88 329	I	Amb	I	02 17 01.5
TIXI	Tiksi	84.86 2	P	P	P	01 41 13.3 +1.1
TIXI	Tiksi	84.86 2	iP	P	P	01 41 14.5 +2.2
TIXI	comp=Z,63nm,2.2s	84.86 2	P	P	P	01 41 13.3 +1.1
TIXI	Tiksi	85.55 329	I	Amb	I	02 19 53.7
TIXI	False Pass	85.55 329	I	Amb	I	02 19 53.7
BRVK	Borovoye	85.56 33	P	P	P	01 41 16.8 +0.7
BRVK	comp=Z,26nm,1.1s	85.56 33	P	pmax	P	01 41 16.8 +0.7
BRVK	Borovoye	85.56 33	P	P	P	01 41 16.8 +0.7
BILL	Bilibino	85.60 349	eP	P	P	01 41 16.1 0.0
BILL			e			01 44 36.8
BILL			eS	S	S	01 51 40.5 -7.3
BILL			eSS	SS	SS	01 57 23.8 +1.5
BILL			pmax	pmax		
BILL	comp=Z,7.0nm,0.3s	85.60 349	P	I	Amb	01 41 15.3 -0.8
BILL	Bilibino	85.60 349	P	I	Amb	01 41 35.1
BILL	comp=Z,108nm,1.8s			I	Amb	02 20 41.0
BVAR	Borovoye Array	85.63 33	P	P	P	01 41 17.2 +0.6
BVAR	comp=Z,2nm,0.7s,baz=298,slow=3.8,SNR=34	85.63 33	P	P	P	01 41 17.2 +0.6
BOSA	Boshof	85.68 124	P	P	P	01 41 18.4 +1.1
BOSA	comp=Z,2.8nm,0.7s,baz=321,slow=5.7,SNR=5.4	85.68 124	P	P	P	01 41 18.4 +1.1
BOSA	Boshof	85.68 124	P	P	P	02 16 02.4
BOSA	comp=Z,2um,18.0s,baz=300,slow=33	85.68 124	P	pmax	P	01 41 18.1 +0.9
BOSA	Boshof	85.68 124	P	pmax	P	01 41 18.1 +0.9
BOSA	comp=Z,43nm,1.5s	85.68 124	P	P	P	01 41 17.8 +0.2
BOSA	Boshof	85.68 124	P	P	P	01 41 17.8 +0.2
GEYT	Alibek	85.79 50	P	P	P	02 21 51.0
GEYT	comp=Z,2um,19.1s,baz=5.0,slow=37	85.79 50	P	I	Amb	01 41 18.4 +0.8
GEYT	Alibek	85.79 50	P	I	Amb	02 21 48.4
GEYT	ALIBEK ARRAY	85.79 50	I	Amb	I	02 21 48.4
BRZS	Berezinski	88.56 35	eP	P	P	01 41 30.8 0.0
BRZS	comp=Z,4.4nm,1.0s,baz=35	88.56 35	eP	P	P	01 41 30.8 0.0
BRZS	Berezinski	88.56 35	eP	P	P	02 19 39.1
BRZS	comp=Z,88nm,16.0s,baz=35	88.56 35	eP	pmax	P	01 41 30.8 0.0
BRZS	Berezinski	88.56 35	eP	pmax	P	01 41 30.8 0.0
BRZS	comp=Z,4.0nm,1.0s			MLR	MLR	
PMSA	Palmer Station	89.32 188	P	I	Amb	01 41 35.5 +1.8
PMSA	comp=Z,62nm,1.4s	89.32 188	P	I	Amb	01 41 02.0
MSFE	Esma-Masafi	89.88 62	P	P	P	01 41 37.5 0.0
MSFE	Esma-Masafi	89.88 62	P	P	P	01 41 37.5 0.0
MDH	Madha	90.02 62	P	P	P	01 41 38.0 -0.1
MDH	Madha	90.02 62	P	P	P	01 41 38.0 -0.1
HATD	Hatta, Dubai	90.09 63	P	P	P	01 41 38.7 +0.2
HATD	Hatta, Dubai	90.09 63	P	P	P	01 41 38.7 +0.2
ASHO	Ashiyah	90.09 63	P	P	P	01 41 38.9 +0.4
ASHO	Ashiyah	90.09 63	P	P	P	01 41 38.9 +0.4
UOSS	Minazif	90.09 63	P	P	P	01 41 38.5 +0.1
UOSS	Minazif	90.09 63	P	P	P	01 41 38.5 +0.1
UOSS	Minazif	90.09 63	P	P	P	01 41 38.7 +0.2
UOSS	Minazif	90.09 63	P	P	P	01 41 42.1 +0.7
SOHO	SOHO	90.72 63	iP	P	P	01 41 42.1 +0.7
SOHO	SNR=7.8	90.72 63	iP	P	P	01 41 42.1 +0.7
KURK	Kurchatov	91.09 32	iP	pmax	P	01 41 41.8 -0.7
KURK	comp=Z,24nm,1.5s	91.09 32	iP	pmax	P	01 41 41.8 -0.7
KURK	Kurchatov	91.09 32	P	I	Amb	01 41 42.3 -0.2
KURK	comp=Z,29nm,0.9s	91.09 32	P	I	Amb	01 41 54.0
CHM	Chimkent	91.20 42	eP	P	P	01 41 43.3 -0.1
CHM	comp=Z,2.7nm,0.6s,baz=42	91.20 42	eP	P	P	01 41 43.3 -0.1
CHM	Chimkent	91.20 42	eP	pmax	P	01 41 43.2 -0.1
CHM	comp=Z,3.0nm,0.6s			pmax	pmax	
KKAR	Karatay Array	91.31 41	P	P	P	01 41 43.5 -0.3
KKAR	Karatay Array	91.31 41	P	P	P	01 41 43.5 -0.3
IUG	Iuzhnyy	91.56 42	eP	P	P	01 41 44.9 -0.3
IUG	comp=Z,2.6nm,1.3s,baz=42	91.56 42	eP	P	P	01 41 44.9 -0.3
IUG	Iuzhnyy	91.56 42	eP	LR	LR	02 22 05.8
IUG	comp=Z,2um,19.7s,baz=42	91.56 42	eP	pmax	pmax	01 41 44.8 -0.3
IUG	Iuzhnyy	91.56 42	eP	pmax	pmax	01 41 44.8 -0.3
IUG	comp=Z,3.0nm,1.3s			MLR	MLR	
TAS	Tashkent	91.56 43	I	Amb	I	02 22 33.2
ZAAO	Zalesovo Array	91.65 27	I	Amb	I	01 42 09.3
ZAAO	comp=Z,59nm,1.4s	91.65 27	I	Amb	I	01 42 09.3
ZALV	Zalesovo Beam	91.65 27	P	P	P	01 41 44.5 -0.6
ZALV	comp=Z,3.6nm,0.7s,baz=308,slow=5.1,SNR=11	91.65 27	P	LR	LR	02 20 43.8
ZALV	Zalesovo Beam	91.65 27	P	LR	LR	01 41 44.5 -0.6
ZALV	Zalesovo Beam	91.65 27	P	P	P	01 41 46.6 -0.2
DZA	Taraz	91.92 41	eP	P	P	02 22 55.5
DZA	comp=Z,741nm,14.8s,baz=41	91.92 41	eP	P	P	01 41 46.5 -0.2
DZA	Taraz	91.92 41	eP	MLR	MLR	
DZA	comp=Z,741nm,15.0s	91.92 41	eP			

27d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TKM2, USP, DHRM, MTBS, etc.

2014 JUL

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

1294

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

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like N02D Trinity Center, GLA Glamis, GSC Goldstone, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like GRNR comp=N,50nm,14.0s, PINE comp=Z,50nm,15.0s, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like XAN comp=Z,22nm,0.9s, REDW Red Top Meadow, etc.

27d 4h

2014 JUL

1298

Table with columns for station call letters, frequency, power, and program details. Includes stations like LFK, VRI, HARR, etc., and programs like Pruhonice, GO Pecny, Ondr, etc.

27d 7h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

2014 JUL

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

1302

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ICS, LR, Pn, 07 44 31.5, etc. Includes stations like KSRS, MJAR, USRK, etc.

ISC 27 07:39:46.2, 2.8, 381.65N, 170.19E, h0km, mb4.5/4, mb1 3.5/8, mb1mx3.4/40, mbtmp3.5/8, ML3.0/3, Error ellipse: s-maj=60.2km s-min=14.1km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ICS, LR, Pn, 07 40 45.5, etc. Includes stations like IUG, AML, BRLS, etc.

ISC 27 08:04:08.8, 0.4, 631.27S, 33.66W, h0km, mb4.4/14, mb1 4.5/15, mb1mx4.4/26, mbtmp4.4/15, ML5.2/1, MS3.5/11, Ms1 3.5/11, ms1mx3.4/25, Error ellipse: s-maj=21.0km s-min=14.4km az=70.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ICS, LR, Pn, 07 44 31.5, etc. Includes stations like HOPE, PMSA, SYO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ICS, LR, Pn, 08 23 00.4, etc. Includes stations like SCHE, NVAR, PDAR, etc.

ISC 27 08:04:34.1, 1.0, 2.05N, 99.40E, h124km, 7km, mb3.7/7, mb1 3.8/8, mb1mx3.4/48, mbtmp4.0/8, Error ellipse: s-maj=63.0km s-min=14.5km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ICS, LR, Pn, 08 23 00.4, etc. Includes stations like RPSI, MNSI, etc.

ISC 27 08:04:34.1, 1.0, 1.97N, 0.04, 99.05E, 0.05, h132km, 6km, n44, r190/54, mb4.0/12, Northern Sumatera

27d 9h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like EIDS, ABKAR, PETK, etc.

NIED 27 08:08:57.1, 37.24N, 142.20E, h29km, MW3.5, Moment Tensor solution...

JMA 27 08:08:57.0-0.3, 37.24N, 142.20E, h29km, Mw3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JFK, ONAJ, JNFK, etc.

DRS 27 08:28:46.4-0.0, 42.89N, 147.84E, h12km, IDC 27 08:28:46.8-1.4, 42.99N, 147.60E, h10km, mb3.2/3, mb1 3.3/7, mb1mx3.2/34, mbtmp3.3/7, ML3.0/4, Error ellipse: s-maj=25.3km s-min=10.6km az=168.0

MOS 27 08:28:47.2-1.0, 42.94N, 147.79E, h11km, mb3.7/1, Error ellipse: s-maj=7.9km s-min=7.2km az=150.5

ISC 27 08:28:47.7-1.2, 42.89N, 147.84E, h8km, mb3.8km, n44, c1921/69, mb3.2/3, 5C-7D, Eastern Caucasus

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

2014 JUL

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

IDC 27 08:41:56.5-1.0, 19.20S, 176.66E, h0km, mb3.9/8, mb1 4.2/9, mb1mx4.0/26, mbtmp3.9/9, ML3.7/1, MS3.6/19, Ms1 3.6/19, ms1mx3.4/35, Error ellipse: s-maj=40.3km s-min=20.9km az=145.0

NEIC 27 08:41:60.0-0.9, 19.3S, 176.8E, h1, h34km, mb4.0km, mb4.0/16, Error ellipse: s-maj=20.4km s-min=5.6km az=138.0

ISC 27 08:42:00.3-0.5, 19.23S, 176.73E, h35km, n58, c126/43, mb4.0/13, MS3.7/17, South of Fiji Islands

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

1304

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

MDD 27 08:55:33.8-2.3, 36.98N, 15.15W, h0km, mb4.4/1, Error ellipse: s-maj=24.4km s-min=9.2km az=137.0, PRXIMO

INMG 27 08:55:43.8-0.7, 37.24N, 15.59W, h10km, ML2.2, Error ellipse: s-maj=6.2km s-min=2.1km az=121.0

ISC 27 08:55:36.0-2.1, 37.28N, 15.4W, h10km, n37, c307/51, Azores-Cape St. Vincent Ridge

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

27 to 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MAT Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

2014 JUL

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like WMQ comp=N,51nm,4.9s, WMQ comp=E,63nm,6.1s, ZAAO Zalesovo Array, etc.

1306

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like AKKB Malin Array Si, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

JMA 27 10:00:54.5:0.2,28:09N;128:01E,h12km,2km,M3.3
IDC 27 10:00:57.4:1.3,28:04N;127:54E,h0km,mb3.5/4,
mb1 3.0/5,mb1mx3.5/32,mbtm3.0/5,ML3.2/1,MS3.3/7,
Ms1 3.0/7,ms1mx3.0/37,Error ellipse:s-maj=49.7km
s-min=23.0km az=73.0

ISC 27 10:00:55.2:2.0,28:06N;128:06E,0.06,h4km,12km,
n25,+c143/27,mb3.4/4,MS3.5/4,Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like JOKE Okinoerabujima, JOKE Okinoerabujima, JTK Tokunoshima, etc.

BUI 27 10:15:29.5:0.0,3:13S;136:53E,h50km,mb5.0/29,
mb4.9/36,Ms4.7/10,Ms7 4.5/3

IDC 27 10:15:31.2:1.5,2:27S;136:47E,h44km,14km,mb4.0/14,
mb1 4.3/19,mb1mx4.2/29,mbtm4.4/19,ML4.7/5,MS3.6/15,
Ms1 3.6/15,ms1mx3.5/33,Error ellipse:s-maj=10.9km
s-min=9.3km az=61.0

DJA 27 10:15:31.7:0.2,3:3S;137:7E,h63km,3km,M4.8/36,
mb4.9/36,mb5.3/13,MLV5.0/10,WM(m)B4.7/13
NEIC 27 10:15:32.4:2.4,2:01S;136:48E,0.05,h51km,5km,
mb4.7/54,Error ellipse:s-maj=9.1km s-min=6.6km
az=206.0

KLM 27 10:15:35.0,3:27S;136:38E,h51km,mb4.8,Hypocentre
not reviewed by the ISC

ISC 27 10:15:30.6:0.3,2:28S;104:136:49E,0.04,h34km,n172,
c1975/174,mb4.7/55,MS3.7/12,2C,Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like SMPI Sarmi, RKPI Ransiki, RKPI Ransiki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MTVZ, DRZ, FWV, etc.

IDC 27 12:45:51.0, 1.5, 23.85S, 179.90E, h502km, 17km, mb3.6/12, mb1.3/9,14, mb1mx3.6/40, mbtmp4.5/14, Error ellipse: s-maj=24.7km, s-min=15.3km, az=167.0

NEIC 27 12:45:52.6, 1.8, 23.9S, 0.1, 179.9E, 0.1, 5.52km, 7km, mb4.3/45, Error ellipse: s-maj=17.9km, s-min=14.8km, az=102.0

ISC 27 12:45:52.0, 4.2, 24.01S, 0.05, 179.96E, 0.08, h526km, n98, s156/110, mb4.2/35, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like RIZ, RAO, RAO, etc.

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

GCG 27 12:51:15.8, 0.7, 15.41N, 91.95W, h147km, 43km, MD3.3, SNET 27 12:51:16.2, 4.3, 14.01N, 92.45W, h21km, 41km, ML3, 3, MEX 27 12:51:16.5, 1.1, 14.21N, 92.35W, h81km, 26km, MD3.8, ISC 27 12:51:15.4, 2.9, 14.22N, 91.92E, 0.10, h25km, 16km, n14, c194722, Near coast of Chapas

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

IDC 27 13:29:01.5, 1.0, 16.30N, 98.63W, h0km, mb4.3/16, mb1.4/5, 2/1, mb1mx4.3/43, mbtmp4.3/21, ML3.8/5, MS3.6/22, Ms1.3/6, 22, ms1mx3.6/29, Error ellipse: s-maj=24.2km, s-min=13.3km, az=25.0

Plg12.0000°, Azm114.0000°, P - 1.3060, Plg8.0000°, Azm206.0000°, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 27 13:29:05.7, 1.1, 16.31N, 0.09, 98.66W, 0.06, h31km, 6km, mb4.7/300, Md4.8/22(MEX) Error ellipse: s-maj=13.6km, s-min=5.5km, az=207.0

ISC 27 13:29:03.1, 1.4, 16.19N, 0.05, 98.78W, 0.03, h15km, 6km, n560, c1923/558, mb4.7/134, MS3.8/18, 3C, Near coast of Guerrero

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

27d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OKCFA Oklahoma City, BNM Barren Site, OK025 Westminster Rd, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KSC0 Kaye Shedlock, BC3 Big Chuckwall, S44A Carbonade, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GSC Goldstone, N38A Joes South For, SRU Robert Swe, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include AKHS, ELBA, MDNY, ORLY, YKBL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include LUWI, MFSI, SPSI, BONE, GTOH, etc.

WRA Warramunga Arr 22.53 145 P P 14 17 30.4 -1.4
WRA Warramunga Arr 22.53 145 P P 14 17 30.4 -1.4
WB2 Warramunga Arr 22.54 145 P P 14 17 30.5 -1.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include TAS, TAS, TAS, IUG, IUG, IUG, IUG, BTK, BTK, ARK, ARK, etc.

IDC 27 14:46:18.4:1.3:3:30S:138:90E,h0km,mb3.7/3,
mb1 4.0/6,mb1mx3.7/24,mbtmp3.8/6,ML4.0/3,MS3.1/1,
MS1 3.1/1,ms1mx2.5/28,Error ellipse: s-maj=28.0km
s-min=23.3km az=106.0

NEIC 27 14:46:24.2:2.2:3:43S:0:09:139:22E:0:07,h64km,11km,
mb4.1/9,Error ellipse: s-maj=16.0km s-min=5.5km
az=144.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include JAY, JAY, JAY, FAKI, COEN, MTN, KNRA, etc.

mb1 3.6/3,mb1mx3.3/23,mbtmp3.4/3,ML3.4/1,Error
ellipse: s-maj=137.5km s-min=28.9km az=75.0,Irian
Jaya region

WRA Warramunga Arr 18.98 178 P P 15 06 03.4 -0.4
ASAR Alice Springs 22.67 179 P P 15 06 44.2 +0.4
MKAR Makanchi Array 65.18 324 P P 15 12 23.6 -0.1

MDD 27 15:28:45.5:0.6:3:27N:15:91W,h0km,mb3.2/4,Error
ellipse: s-maj=7.0km s-min=2.8km az=138.0,PRXIMO
TT-model: canary

INMG 27 15:28:47.9:0.9:3:73N:16:20W,h10km,ML2.4,Error
ellipse: s-maj=9.4km s-min=2.6km az=124.0,
ISC 27 15:28:43.2:2.3:37N:0:1x15:8W:0:1,h10km,n33,
c25/46,Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include PMPST, PMPST, PMPST, PMPST, PMAFR, PMAFR, etc.

NNC 27 15:45:03.7:7.2:3775N:71:51E,h0km,mb4.4,mpv4.0,
2C-2D,Error ellipse: s-maj=55.5km s-min=42.9km
az=172.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include AML, EKS2, AAK, AAK, AAK, etc.

ISK 27 15:49:21.4:4.1:71N:42:17E,h10km,ML2.5/3
TIF 27 15:49:21.4:4.1:72N:42:15E,h10km,1km
DDA 27 15:49:22.0:4.1:71N:42:14E,h7km,2km,ML2.0
ISC 27 15:49:21.2:1.9:41:7N:0:1x42:22E:0:08,h8km,17km,n10,
c0546/20,Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include BATM, BATM, BATM, BATM, BATM, etc.

IDC 27 14:12:29.9:2.3:1:27N:126:98E,h0km,mb3.6/3,
mb1 3.8/3,mb1mx3.4/24,mbtmp3.6/3,Error ellipse:
s-maj=171.7km s-min=27.7km az=66.0
DJA 27 14:12:31.5:0.3:2:S:2x12:1E:,h10km,M3.8/7,mb3.6/1,
MLV3.9/7
NEIC 27 14:12:37.4:0.6:0:2N:0:1x124:0E:0:2,h74km,25km,
mb4.2/2,Error ellipse: s-maj=31.6km s-min=20.4km
az=89.0
ISC 27 14:12:31.5:1.0:1:57S:0:06:120:85E:0:05,h10km,n20,
c120/22,mb3.7/4,Sulawesi

IDC 27 15:01:40.6:2.9:0:86S:133:48E,h0km,mb3.4/2,

JHU			S	Sn	18 09 43.0	-2.4
JIM2	Oshima 3	1.17 234	↑P	Pn	18 09 31.2	+0.3
JIM2		1.23 263	↓P	Pn	18 09 46.4	+0.3
JHO	Hitachi	1.19 360	↑P	Pn	18 09 32.1	+0.9
JO2	Odawara 2	1.23 263	↓P	Pn	18 09 31.4	-0.3
JO2		1.23 263	↓P	Pn	18 09 45.9	-1.5
JAG	Ashikaga	1.36 318	↑P	Pn	18 09 33.0	-0.4
JHTM	Izhatsuma	1.37 251	↓P	Pn	18 09 33.3	-0.2
JTHY	Toshimagashi	1.39 230	↓P	Pn	18 09 34.3	+0.6
JRY	Ryogami san	1.49 294	↓P	Pn	18 09 34.9	-0.3
MJAR	Matsushiro Arr	2.23 301	↓P	Pn	18 09 42.8	-2.4
MJAR	31nm,0.3s,baz=104,slo=14,SNR=1095			S		
MJAR	12nm,0.3s,baz=64,slo=18,SNR=2.7			S	18 10 09.5	-2.0
MJAR	comp-Z,22nm,20.4s,baz=125,slo=48			LR	18 10 49.9	
MJAR	Matsushiro Arr	2.23 301	↓P	Pn	18 09 42.5	-2.7
MAJO	Matsushiro	2.23 301	d/P	Pn	18 09 45.2	-0.0
MAJO	Matsushiro	2.23 301	P	Pn	18 09 45.1	-0.1
MAT	Matsushiro	2.23 301	P	Pn	18 09 44.4	-0.8
MAT				S	18 10 10.4	-1.2
MJB9	Matsu-Tunnel	2.23 301	P	Pn	18 09 45.1	-0.1
JHU	Hachioji jima 2	2.38 196	P	Pn	18 09 48.5	+1.3
JHU	657nm,0.3s,baz=325,slo=15,SNR=242			S		
JHU	293nm,0.3s,baz=52,slo=21,SNR=5.4			S	18 10 15.5	+0.1
JHU2	Mitsune	2.38 196	P	Pn	18 09 49.1	+1.8
INU	Inuyama	2.91 270	P	Pn	18 09 54.3	-0.2
ERM	Erimo	6.89 16j	eP	Pn	18 10 47.5	-1.4
ERM	Erimo	6.89 16	eP	Pn	18 10 47.2	-1.6
ERM				S	18 12 02.8	+3.0
JNU	Nakatsue	8.35 257	P	Pn	18 11 10.0	+1.1
JNU	0.8nm,0.3s,baz=59,slo=3.6,SNR=7.5			S		
JNU	Nakatsue	8.35 257	P	Pn	18 11 10.6	+1.6
JCU	Chichijima	8.41 170	P	Pn	18 11 08.5	-1.3
JCU	92nm,0.3s,baz=343,slo=5.1,SNR=52			S		
JCJ				S	18 12 35.4	-7.8
JCJ	12nm,0.3s,baz=140,slo=23,SNR=2.2			S		
ASAJ	Chichijima	8.41 170	P	Pn	18 11 09.0	-0.8
ASAJ	Asahikawa	8.83 10	P	Pn	18 11 13.2	-2.2
ASAJ	4.8nm,0.3s,baz=223,slo=9.8,SNR=32			S		
ASAJ	1.2nm,0.3s,baz=327,slo=29,SNR=2.0			S	18 12 47.4	-5.9
ASAJ	comp-Z,26nm,21.5s,baz=152,slo=42			LR	18 15 21.3	
JKA	Kamikawa-asahi	8.83 10	P	Pn	18 11 13.2	-2.2
NMR	Nemuro-Hokkai	8.88 25j	↑P	Pn	18 11 13.7	-2.4
NMR				S	18 12 44.7	-1.0
GRPR	Tuman	9.45 23	eP	Pn	18 11 21.4	-2.5
GRPR				S	18 12 58.0	-1.1
GRPR	comp-Z,41nm,0.2s			pmax		
GRPR	comp-N,28nm,0.1s			pmax		
GRPR	comp-E,24nm,0.1s			pmax		
GRPR	comp-Z,757nm,7.0s			MLR		
YUK	Yuzh-Kuril'sk	9.52 24	eP	Pn	18 11 21.9	-2.9
YUK				S	18 13 00.4	-1.0
YUK	comp-Z,111nm,0.4s			pmax		
YUK	comp-N,42nm,0.3s			pmax		
YUK	comp-E,12nm,0.1s			pmax		
YUK	comp-Z,533nm,1.4s			pmax		
VLA	Vladivostok	10.22 321j	↑P	Pn	18 11 36.9	+2.5
VLA				S		
MSHR	Mys Shuitsa	10.24 317j	↑P	Pn	18 11 35.7	+1.0
MSHR				S		
KSRS	Korea Array	10.0 285	P	Pn	18 11 36.0	-0.8
KSRS	comp-Z,0.5nm,0.3s,baz=101,slo=14,SNR=38			LR	18 15 21.6	
KSRS	comp-Z,102nm,22.0s,baz=122,slo=36			LR		
KSAR	Wonju Array Be	10.43 285	P	Pn	18 11 37.3	0.0
KSAR	Wonju Array Be	10.43 285	Pn	Pn	18 11 37.3	0.0
KS19	Wonju Array Si	10.45 285	P	Pn	18 11 39.1	+1.5
TJN	Taejon	10.77 279j	↑P	Pn	18 11 44.1	+2.2
USA0B	Ussuriysk Arr	10.97 326j	↑P	Pn	18 11 45.9	+1.2
USRK	Ussuriysk Arr	10.97 326	P	Pn	18 11 45.8	+1.0
USRK	124-slo=12,SNR=9.3			S		
USRK	Ussuriysk Arr	10.97 326	P	Pn	18 11 45.2	+0.5
KUR	Kuril'sk	11.27 27	eP	Pn	18 11 48.3	-0.4
KUR				S	18 13 44.4	-8.5
KUR	comp-E,36nm,0.5s			smax		
YSS	Yuzh-Sakhalin	11.64 7	eP	Pn	18 11 51.0	-2.8
MDJ	Mudanjiang	12.45 321	P	Pn	18 12 08.3	+3.4
MDJ				S		
MDJ	comp-E,10.0nm,0.9s			pmax		
MDJ	comp-E,170nm,3.9s			pmax		
MDJ	Mudanjiang	12.45 321	Pn	Pn	18 12 06.5	+1.6
CN2	Changchun	14.34 310	eP	Pn	18 12 33.3	-2.4
CN2				S		
KLR	Kul'dur	15.25 338	P	Pn	18 12 42.8	+0.6
KLR	comp-E,0.4nm,0.3s,baz=171,slo=10,SNR=5.5			pmax		
KLR	Kul'dur	15.25 338j	↑P	Pn	18 12 43.0	-2.8
KLR				S		
GRNR	Gornyy	15.64 350	eP	Pn	18 12 41.0	-6.0
GRNR				MLR		
GRNR	comp-E,50nm,16.0s			MLR		
GRNR	comp-N,70nm,12.0s			MLR		
NJ2	Nanjing	18.38 266	eP	Pn	18 13 21.5	+0.4
NJ2				pmax		
TIA	Tai'an	19.04 279	P	Pn	18 13 33.3	+4.3
TIA				pmax		
ZEA	Zeya	20.57 337	eP	P	18 13 42.2	-2.0
PETK	Petrovsk	21.42 29	P	Pn	18 13 55.8	+2.5
WHN	Wuhan	22.51 265	↓P	P	18 14 04.0	-1.2
HHC	Hu-ho-hao-fe	23.40 292	eP	P	18 14 15.0	+0.8
HHC				pmax		
HHC	comp-Z,25nm,0.8s			pmax		
XAN	Xian	26.00 276	P	Pn	18 14 37.3	-0.6
XAN				pmax		
XAN	comp-Z,11nm,0.7s			LR		
XAN	comp-Z,87nm,13.0s			LR		
XAN	comp-Z,190nm,17.3s			LR		
ENH	Enshi	26.56 268	P	P	18 14 40.7	-2.2
ENH				IAMB	18 14 42.1	
ULN	Ulaanbaatar	27.75 307ceP		P	18 14 52.3	-1.2
ULN				pmax		
H11N2	WAKE ISLAND Hy 27.96 117		T	T	18 44 45.6	
H11N1	WAKE ISLAND Hy 27.96 117		T	T	18 44 38.0	
H11N3	WAKE ISLAND Hy 27.98 117		T	T	18 44 46.9	
H11N3	WAKE ISLAND Hy 27.98 117		T	T	18 44 46.9	
SOMM	Songino Array	28.17 307	P	P	18 14 56.2	-1.0
SOMM	comp-Z,2.3nm,0.5s,baz=108,slo=9.3,SNR=15			LR	18 26 09.4	
SOMM	comp-Z,53nm,18.2s,baz=116,slo=36			P	18 14 56.3	-1.0
SOMM	Songino Array	28.17 307	P	pmax		
SOMM	comp-Z,2.0nm,0.7s			P	18 14 56.2	-1.0
H11S3	WAKE ISLAND Hy 28.60 119		T	T	18 45 05.0	
H11S1	WAKE ISLAND Hy 28.60 119		T	T	18 45 13.3	
H11S2	WAKE ISLAND Hy 28.62 119		T	T	18 45 02.5	
LZH	Lanzhou	29.71 282	eP	P	18 15 12.3	+1.2
LZH				pmax		
LZH	comp-Z,25nm,1.1s			pmax		

LZH			LR	LR		
LZH	comp-Z,140nm,14.6s		LR	LR		
LZH	comp-Z,160nm,13.0s		LR	LR		
GTA	Gaotai	32.43 289	eP	P	18 15 34.8	-0.2
GTA				pmax		
KMI	Kuming	34.07 263j	eP	P	18 15 47.3	-2.2
KMI				pmax		
KIWB	Kanaga Island	34.16 48	P	P	18 15 48.2	-1.5
BILL	Bilibino	35.77 16	eP	P	18 16 05.7	+2.4
BILL				pmax		
DGZ	Jazzart, Alta	40.81 307d/P		P	18 16 47.1	+0.9
DGZ				pmax		
WMQ	Urumqi	40.99 298	eP	LR	18 16 49.0	+1.4
WMQ				LR		
WMQ	comp-Z,54nm,13.3s			LR		
ZAAO	Zalesovo Array	42.52 314	P	IAMB	18 16 59.7	-0.2
ZAAO				IAMB	18 17 01.3	
ZALV	Zalesovo Beam	42.52 314	P	P	18 16 59.9	0.0
ZALV	comp-Z,6.0nm,0.6s,baz=105,slo=8.3,SNR=32			P		
ZALV	Zalesovo Beam	42.52 314	P	P	18 16 59.4	-0.4
ZSN	Zaisan	42.61 304	i/P	P	18 17 00.9	+1.1
ZSN	comp-Z,4.9nm,1.0s,baz=304			P		
ZSN	Zaisan	42.61 304	i/P	P	18 17 00.8	+0.1
ZSN				pmax		
MK31	Makanchi Array	44.42 303	P	P	18 17 15.4	0.0
MK31				pmax		
MK31	comp-Z,4.0nm,0.8s			P	18 17 15.4	0.0
MK31	Makanchi Array	44.42 303	P	IAMB	18 17 16.8	
MKAR	Makanchi Array	44.42 303	P	P	18 17 15.2	-0.1
MKAR	comp-Z,4.4nm,0.6s,baz=88,slo=9.8,SNR=53			LR	18 36 41.3	
MKAR	comp-Z,33nm,20.0s,baz=193,slo=37			P	18 17 15.1	-0.2
MKAR	Makanchi Array	44.42 303	i/P	P	18 17 15.1	-0.2
MKAR				pmax		
NRIK	Noril'sk	44.46 336	P	P	18 17 15.1	-0.1
NRIK				P	18 17 16.6	-0.4
MAKZ	Makanchi	44.64 303	P	P	18 17 16.6	-0.4
MAKZ				IAMB	18 17 18.7	
MAKZ	comp-Z,4.9nm,0.8s			P	18 17 23.0	-0.6
TAPN	Taplejung	45.40 275	eP	P	18 17 22.1	-1.3
TAPN	comp-Z,11nm,0.4s			P	18 17 22.0	-1.3
SEM	Semipalatinsk	45.41 309	i/P	P	18 17 22.0	-1.3
SEM				P	18 17 26.4	-0.8
SEM	Semipalatinsk	45.41 309	i/P	P	18 17 22.0	-1.3
ODAN	Odare	45.86 275	eP	P	18 17 26.4	-0.8
KURK	Kurchatov	46.41 309d/P		P	18 17 30.3	-0.6
KURK				pmax		
KURK	comp-Z,13nm,0.8s			P	18 17 30.6	-0.3
KURK	Kurchatov	46.41 309	P	IAMB	18 17 33.5	
KURK				IAMB		
RAMN	Ramite	46.46 275	eP	P	18 17 31.1	-0.9
RAMN	comp-Z,18nm,0.7s			P	18 17 32.5	0.0
JIRN	Jiri	46.51 276	eP	P	18 17 32.5	0.0
JIRN	comp-Z,25nm,0.4s			P	18 17 33.6	0.0
GUN	Gumba	46.66 277	eP	P	18 17 33.6	0.0
SHLS	Shalkode	47.01 299	i/P	P	18 17 33.7	-2.2
SHLS				P	18 17 33.7	-2.2
PKI	Pulchoki	47.18 277	eP	P	18 17 37.0	-0.6
PKIN	Pulchoki	47.19 277	eP	P	18 17 37.0	-0.6
KKN	Kakani	47.19 277	eP	P	18 17 37.3	-0.3
UZZB	Uzynbulak	47.32 299	i/P	P	18 17 38.5	0.0
UZZB	comp-Z,2.6nm,0.8s,baz=299			P		
UZZB	Uzynbulak	47.32 299	i/P	P	18 17 38.4	0.0
UZZB				pmax		
KPKS	Kokpek	47.50 299	i/P	P	18 17 40.2	+0.5
KPKS	comp-Z,2.5nm,0.8s,baz=299			P		
KPKS	Kokpek	47.50 299	i/P	P	18 17 40.1	+0.5
KPKS				pmax		
GKN	Gorkha	47.63 277	eP	P	18 17 40.5	-0.4
SATY	Saty	47.78 299	i/P	P	18 17 42.3	+0.3
SATY	comp-Z,3.0nm,0.5s			P	18 17 42.2	+0.3
SATY	Saty	47.78 299	i/P	P	18 17 42.7	+0.2
DANN	Dangsing	48.20 278	eP	P	18 17 48.1	-0.1
DANN	comp-Z,3.0nm,0.5s			P	18 17 49.1	+0.9
KOLN	Koldanda	48.26 278	eP	P	18 17 48.1	-0.1
CHKK	Chushkaly	48.62 300	eP	P	18 17 49.1	+0.9
CHKK	comp-Z,0.4nm,0.3s,baz=300			P		
CHKK	Chushkaly	48.62 300	eP	P	18 17 49.0	+0.9
M						

27 to 19h

Table with columns: NAZ, Nazwa, Dubai, SNR, P, Pn, 18 19 53.7 +5.2, 18 21 21.7 -2.1, 18 19 53.8 +5.2, 18 19 50.0 +1.0, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, 18 19 54.7 -0.7, 18 20 01.5 -0.2, etc.

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Table with columns: WRA, TXAR, BRTR, Warramunga Arr, Lajitias Arr, Keskin Array B, etc.

Table with columns: KURK, Kurchatov, 60.23 327, P, P, 19 13 01.5 -3.0, 19 13 04.8, 19 15 54.8 -2.3

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, BKI Bering, SPN Mys Shipunski, KZV Kizimen, etc.

SJA 27 19:37:43.9-0.5, 28:39Sx70:96W, h53km, 6km, ML4.0, MW3.9

NEIC 27 19:37:43.0-2.3, 28:30S-0:04-71:0W-0:1, h61km, 10km, Error ellipse: s-maj=14.6km s-min=6.5km az=91.0

GUC 27 19:37:43.0-2.3, 28:29S-0:03-73:5W, h58km, 2km, ML4.1

ISC 27 19:37:45.0-1.3, 32:29S-0:03-70:89W-0:05, h56km, 10km, n52, c190/66, 4C-32, Central Chile

Main table of station data for the first section, including codes like AC04, AC02, AC01, etc.

Ms1 3.2/1, ms1mx2.3/47, Error ellipse: s-maj=74.4km s-min=21.3km az=70.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, YOJ Yonaguni jima, etc.

NEIC 27 19:43:08.6-1.7, 30:7S-0:1-179:20W-0:06, h10km, 1km, mb4.0/4, Error ellipse: s-maj=24.1km s-min=7.4km az=168.0

ISC 27 19:43:17.0-0.6, 30:24S-0:09-178:6W-0:1, h128km, n45, c151/34, mb4.0/7, Kermadec Islands

Main table of station data for the second section, including codes like GLKZ, RAO, RIZ, etc.

baz=259, slow=74, SNR=31

Table with columns: TORO, Torodi Ar. Bea, 45.26 96 LR, etc.

IDC 27 19:59:47.5-1.8, 43:16N-105:31W, h0km, mb3.9/2, mb1 3.8/8, mb1mx3.5/54, mbtmp3.6/8, ML3.6, Error ellipse: s-maj=49.2km s-min=3.7km az=150.3

NEIC 27 19:59:48.0-1.2, 43:79N-0:04-105:23W-0:06, h0km, 2km, ML3.4/5.0, Error ellipse: s-maj=7.4km s-min=6.7km az=100.0

ANF 27 19:59:48.0-3.0, 43:79N-105:35W, h0km, ML3.7/12, Error ellipse: s-maj=5.6km s-min=3.3km az=117.0, Mining explosion.

ISC 27 19:59:48.2-0.7, 43:82N-0:04-105:16W-0:05, h0km, n60, c193/65, Wyoming

Main table of station data for the third section, including codes like RSSD, K2A, K22A, etc.

IDC 27 19:38:33.8-1.3, 24:63N-122:85E, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.3/43, mbtmp3.5/6, ML2.9/1, MS3.2/1

IDC 27 19:57:17.0-1.3, 25:18N-44:72W, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.5/56, mbtmp3.6/7, MS3.3/1, Ms1 3.3/1, ms1mx0.4/3, Error ellipse: s-maj=40.6km s-min=25.3km az=53.0

ISC 27 19:57:18.4-1.0, 25:22N-02:44W-0:2, h10km, n21, c1515/7, mb3.5/7, MS3.3/11, Northern Mid-Antarctic Ridge

baz=259, slow=74, SNR=31

baz=259, slow=74, SNR=31

27d 20h

Table with columns: Code, Station Name, Az, El, Op, Pn, Res. Includes stations like ULM, NVAR, YB, YKA, FINES, MKAR.

IDC 27.20:11:50.4:0.6,27:71N:66:17E,h0km,mb4.1/27,mb1 4.2/30,mb1mx4.1/51,mbtmp4.1/30,ML3.9/3,MS3.9/23,MS1 3.9/23,ms1mx3.7/45,Error ellipse: s-maj=15.0km s-min=1.6km az=4.0

MOS 27.20:11:54.0:1.3,27:80N:66:21E,h30km,mb4.7/16,Error ellipse: s-maj=7.3km s-min=4.1km az=80.4

NEIC 27.20:11:54.8:1.8,27:65N:0:09:66:05E:0:08,h30km,5km,mb4.4/19,Error ellipse: s-maj=14.1km s-min=9.0km az=149.0

DSN 27.20:12:05.6:3.4,27:41N:64:88E,h10km,ML4.4/8,Error ellipse: s-maj=100.9km s-min=21.2km az=1.0

ISC 27.20:11:54.5:0.3,27:59N:0:04:66:13E:0:04,h35km,n262,c24/27,mb4.3/70,MS3.9/29,11C-22,Pakistan

Main table for station 27d 20h. Columns: Code, Station Name, Az, El, Op, Pn, Res. Lists numerous stations like BHUJ, THW, SARF, KBL, HRA, CEP, WSAR, etc.

2014 JUL

Main table for station 2014 JUL. Columns: Code, Station Name, Az, El, Op, Pn, Res. Lists numerous stations like KSH, IUG, IUG, IUG, IUG, etc.

1318

Main table for station 1318. Columns: Code, Station Name, Az, El, Op, Pn, Res. Lists numerous stations like MKAR, MKAR, MKAR, SHL, SHL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Luthier M Schoo, Liberty Lake, Arcadia Dam, etc.

RSNC 27 22:41:45.4:0.6, 12.92N:70.58W, h97km, 16km, ML3.6, Mw4.4, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Uribia, Dabajuro, Santa Marta, etc.

CNIRM 27 22:49:47.2:1.1, 36.54N:7.47W, h30km, Error ellipse: s-maj=13.5km, s-min=8.7km, az=64.0

INMG 27 22:49:50.1:1.2, 36.71N:7.47W, h18km, 3km, ML2.2, Error ellipse: s-maj=2.5km, s-min=2.3km, az=72.0

IGIL 27 22:49:50.4, 36.70N:7.46W, h32km, ML2.2

MDD 27 22:49:51.7:0.1, 36.73N:7.48W, h1km, 2km, mb4.2/10, Error ellipse: s-maj=1.3km, s-min=0.8km, az=13.0, PPKXIMO

ISC 27 22:49:48.4:1.2, 36.68N:0.03:7.47W, h0.03, h58km, 11km, n80, az=168/148, 3C-18, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Barranco-do-Ve, Vaqueiros, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ESDC, CZD, SESP, SESP, etc.

SNET 27 23:07:21.5:1.0, 13.37N:90.27W, h28km, 7km, ML3.0

GCG 27 23:07:24.5:0.7, 13.46N:90.57W, h10km, 999km, MD3.8

ISC 27 23:07:22.0:0.9, 13.33N:0.2:90.21W, h0.08, h35km, n15, az=146/18, 6C, Near coast of Guatemala

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

IDC 27 23:20:03.6:0.9, 14.81S:171.75E, h0km, mb4.0/8

Ms1 3.8/22, ms1mx3.8/26, Error ellipse: s-maj=33.7km

NEIC 27 23:20:10.1:0.1, 15.0S:0.1:171.8E, 0.1, h48km, 9km, mb4.5/18, Error ellipse: s-maj=18.9km, s-min=14.0km, az=157.0

GCMT 27 23:20:10.1:0.2, 14.79S:0.0:171.79E, 0.1, h18km, 1km, MW5.0/100, Moment Tensor Solution. s30, c37, s100, c143; Duration: 0 Moment tensor: Scale 10^16Nm; M0=0.9e+15; M00=3.82e+14; M01=2.86e+11; M02=0.47e+25; M03=0.32e+10; M04=0.11e+25; Best double couple: M0=3.8200e+16; N1P1=3.180000e+08; S30=0.0000e+00; N1P2=2.280000e+08; S69=0.0000e+00; Principal axes: T: 3.8800, P163.0000, Azm163.0000; N: 0.9900, P163.0000, Azm163.0000; P: 2.8940, P164.0000, Azm273.0000; nsta1 refers to surface waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ISC 27 23:20:08.7:0.6, 14.9S:0.1:171.85E, 0.09, h35km, n55, az=130/33, mb4.4/14, MS3.9/22, Vanuatu Islands region

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

HOQ	Hogain	4.34 139	P	Pn	00 01 49.5 +0.6	KKAR	Karatay Array	20.91 35	P	P	00 05 25.0 -0.6	ARU	Art	29.68 5	P	P	00 07 43.7	
IMEH	Mehriz	4.49 4	ePn	Pn	00 01 53.4 +2.2	KKAR	Karatay Array	20.91 35	P	Iamb	Iamb	00 05 25.8 +0.3	ARU	Art	29.68 5	P	P	00 11 45.7 +1.5
KLNJ	Kolanjah	4.69 331	ePn	Pn	00 01 56.6 +2.5	KKAR	Karatay Array	20.91 35	P	Iamb	Iamb	00 05 28.2 +0.3	ARU	Art	29.68 5	P	P	00 13 14.8 +1.8
IBAF	Baligh	4.83 141	ePn	Pn	00 01 58.2 +2.4	comp=Z,8.5nm,0.8s							ARU	Art	29.68 5	P	P	00 06 48.4 -0.2
BIDD	Bidbid	4.83 141	ePn	Pn	00 01 58.2 +2.4	DZA	Taraz	21.20 37	eP	P	P	00 05 28.3 -0.3	VTS	Vitosh	29.68 310	IP	P	00 06 50.8 +1.7
BSY	Bisya	4.95 146	P	Pn	00 01 58.2 +0.9	DZA	Taraz	21.20 37	eP	P	P	00 05 28.3 -0.3	VOIR	Vitosh	29.70 310	IP	P	00 05 50.7 +1.6
ISAD	Sadrabad	5.02 355	ePn	Pn	00 02 01.0 +2.5	comp=Z,9.0nm,0.9s							MK31	Makanchi Array	29.74 41	P	P	00 06 49.5 +0.1
IRAM	Rameshneh	5.15 342	ePn	Pn	00 02 02.0 +1.8	BRTR	Keskin Array B	21.36 312	P	P	P	00 05 31.8 +1.2	MK31	Makanchi Array	29.74 41	P	P	00 06 49.5 +0.1
SMDO	Samax	5.17 137	P	Pn	00 02 05.1 +1.0	BRTR	Keskin Array S	21.36 312	P	P	P	00 05 31.8 +1.2	MK31	Makanchi Array	29.74 41	P	P	00 06 49.5 +0.1
ICHK	Chekchek	5.33 2	ePn	Pn	00 02 05.2 +2.4	BR131	Keskin Array S	21.36 312	P	Iamb	Iamb	00 05 31.8 +1.2	MKAR	Makanchi Array	29.74 41	P	P	00 06 49.7 +0.3
WSAR	Wadi Sarin	5.42 131	Pn	Pn	00 02 03.6 -0.2	BR131	Keskin Array S	21.36 312	P	Iamb	Iamb	00 05 31.8 +1.2	MKAR	Makanchi Array	29.74 41	P	P	00 06 49.7 +0.3
WSAR	Wadi Sarin	5.42 131	Pn	Pn	00 02 03.6 -0.2	BR231	Keskin MP Array	22.00 311	P	P	P	00 05 38.3 +1.0	MKAR	Makanchi Array	29.74 41	P	P	00 06 49.3 -0.1
YZKH	Yazd	5.49 3	ePn	Pn	00 02 06.7 +1.9	BR231	Keskin MP Array	22.00 311	P	Iamb	Iamb	00 05 52.2	MKAR	Makanchi Array	29.74 41	P	P	00 06 50.7 +1.3
JMDO	Jabal Madar	5.74 141	P	Pn	00 02 09.0 +0.9	ANTO	Ankara	22.00 311	IP	P	P	00 05 39.4 +2.1	ARR	Arges	29.92 316	IP	P	00 06 52.3 +1.2
IGAR	Gharah	5.80 342	ePn	Pn	00 02 11.2 +2.0	ANTO	Ankara	22.00 311	P	P	P	00 05 38.2 +0.9	KURK	Kurchatov	30.20 311	ePn	Pmax	00 06 54.1 +0.8
WBK	Wadi Bani Khal	6.08 134	P	Pn	00 02 13.0 +0.1	ANTO	Ankara	22.00 311	P	P	P	00 05 38.2 +0.9	KURK	Kurchatov	30.20 311	ePn	Pmax	00 06 52.9 -0.4
ROKH	ROKH	6.09 334	ePn	Pn	00 02 14.9 +1.7	ILGA	ilgaz	22.02 315	P	Iamb	Iamb	00 05 38.6 +1.0	KURK	Kurchatov	30.20 311	ePn	P	00 06 54.6 -0.9
JHBN	Jahan bin	6.14 331	ePn	Pn	00 02 15.2 +1.2	ILGA	ilgaz	22.02 315	P	Iamb	Iamb	00 05 56.6	AKASG	Malin Array Be	30.45 328	P	P	00 06 52.9 -0.9
ZEFZ	Zefret	6.20 345	ePn	Pn	00 02 15.7 +0.9	KSH	Kashi	22.07 50	P	P	P	00 05 32.0 -6.2	AKASG	Malin Array Si	30.45 328	P	P	00 09 22.49
ANAR	Anarak	6.26 356	ePn	Pn	00 02 17.1 +1.3	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKASG	Malin Array Si	30.45 328	P	P	00 06 55.3 -0.3
ZHSF	Zahedan	6.39 63	ePn	Pn	00 02 17.9 +0.6	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
TPRV	Parvadeh(Tabas	6.48 19	ePn	Pn	00 02 20.7 +2.3	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
BSRN	Basiran	6.63 39	ePn	Pn	00 02 21.8 +1.3	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IKLH	Kolahhood	6.80 47	ePn	Pn	00 02 23.7 +0.8	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
NBDN	Nebhdandan	6.80 47	ePn	Pn	00 02 24.1 +1.3	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
MHTO	MHTO	6.82 149	P	Pn	00 02 23.1 +0.2	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IKOO	Kooshah	6.91 36	ePn	Pn	00 02 26.1 +1.6	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
ITEG	Tejap	7.19 20	ePn	Pn	00 02 29.7 +1.8	KSH	Kashi	22.07 50	P	P	P	00 05 44.5 +2.0	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
TABS	Tabas	7.19 20	ePn	Pn	00 02 29.7 +1.8	ISP	Isparta	22.72 305	P	P	P	00 05 45.4 +0.4	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
TNSJ	Nastanj	7.34 16	ePn	Pn	00 02 31.6 +1.3	ISP	Isparta	22.72 305	P	P	P	00 05 45.4 +0.4	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IDAH	Dahanechah	7.62 39	ePn	Pn	00 02 36.4 +2.2	ISP	Isparta	22.72 305	P	P	P	00 05 45.4 +0.4	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
AFRZ	Afriz	7.72 31	ePn	Pn	00 02 37.9 +2.3	ISP	Isparta	22.72 305	P	P	P	00 05 45.4 +0.4	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
KHMZ	Khomyen	7.74 333	ePn	Pn	00 02 38.3 +2.4	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IBDN	Ibydian	8.20 327	ePn	Pn	00 02 45.0 +2.9	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IKMR	Kamar-syah	8.30 324	ePn	Pn	00 02 44.1 +0.8	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
ILAS	Lasjerd	8.53 353	ePn	Pn	00 02 49.0 +2.4	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
SHRT	Shahrakht	8.54 37	ePn	Pn	00 02 48.0 +1.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IKFM	Kafar-mosalman	8.59 322	ePn	Pn	00 02 50.2 +2.9	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IDOB	Doab	8.62 324	ePn	Pn	00 02 49.3 +1.4	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IVIS	Veis	9.29 322	ePn	Pn	00 03 07.1 +1.9	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IKOM	Komasi	9.27 323	ePn	Pn	00 02 57.8 +1.1	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IBZA	Zobaz	9.31 326	ePn	Pn	00 02 58.0 +0.5	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IPRN	Peran	9.45 351	ePn	Pn	00 03 01.8 +2.6	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
QABG	Abgarm-Qazvin	9.63 337	ePn	Pn	00 03 01.3 -0.5	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
IVIS	Veis	9.89 322	ePn	Pn	00 03 07.1 +1.9	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
QALM	Alamut, Qazvin	9.93 343	ePn	Pn	00 03 07.8 +1.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
ILIN	Lien	10.13 324	ePn	Pn	00 03 10.9 +2.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
HRA	Herat	10.18 41	Pn	Pn	00 03 10.7 +1.4	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
MIYA	Miami	10.67 27	ePn	Pn	00 03 18.1 +2.1	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06 55.0 -0.6
GEYT	Alibek	11.48 16	Pn	Pn	00 03 26.7 -0.3	AB31	Akbulak array	22.76 10	P	P	P	00 05 45.5 +0.2	AKBB	Malin Array Si	30.45 328	P	P	00 06

Table with columns: PRED, Name, RA, Dec, P, and other parameters. Includes entries like MYKA Terra Mystica, LATE Laterza, KBA Koelnbreinsper, etc.

Table with columns: CMAR, Name, RA, Dec, P, and other parameters. Includes entries like BSEGG Bad Segeberg, ECH Echer, BUG Bochum-Umm, etc.

Table with columns: Name, RA, Dec, P, and other parameters. Includes entries like MCH1 Michaelchurch, HLM1 Long Mynd, ESBB Sonseca Array, etc.

ZUR 28 00:05:30.1, 46:65N: 7:56E, h8km, MLH0.2/1, 1C, Error ellipse: s-maj=3.2km s-min=1.1km az=129.0, Switzerland
Code Station Name Δα AZ° Phase ID ISC Time Res h m s SC
WIMIS Wimmis 0.04 75 Up Pg 00 05 32.0 +0.1
WIMIS Wimmis Pg 00 05 33.4 +0.2
LKBD Leukerbad 0.27 10 Pg 00 05 39.8 +0.5
FIESA Fiescheralp 0.44 120 Pg 00 05 39.0 +0.3
FIESA Fiescha Pg 00 05 45.0 +0.5
NIED 28 00:21:23.5, 27:57N: 142:29E, h83km, MW3.9, Moment Tensor Solution. s1 Moment tensor: Scale 10^14 Nm; Mr=4.54; Mw=1.54; Mww=0.8; Mw2=5.7; Mw3=1.70; Mw4=2.64; Fault plane solution: M6.81000x10^14 NP1: s196.00000, s63.00000, s-138.00000; NP2: s320.00000, s43.00000, s-138.00000.
JMA 28 00:21:23.4±0.1, 27:57N: 142:29E, h83km, M3.9, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like CBJJ Chichi jima, JHHZ Haha-jima-NKT2, BS04 Boso 4, etc.

TAP 28 00:37:19.8, 24.02N, 122.34E, h13km, 1km, ML2.9, D
JMA 28 00:37:20.9, 0.1, 24.03N, 122.37E, h15km, 2km, ML2.5
ISC 28 00:37:19.9, 1.0, 24.02N, 122.36E, 0.02, h14km, 8km,

n58, c0548/112, Taiwan region

Main table of station data for the first section, including stations like ENAH Nanao, JYNG Yonagunijimaku, ENA Nanao, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like NSTT Nanjuang, NSTT Yuchr, TYC Yuchr, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like ANP Anpu, ALS Alishan, ALS Kuro-shima, etc.

IDC 28 00:50:50.5, 2.0, 36.74N, 140.62E, h0km, mb3.6/3,
mb1 3.8/5, mb1mx3.5/45, mbtmp4.0/5, ML3.9/2, Error
ellipse: s-maj=45.5km s-min=26.6km az=79.0
JMA 28 00:51:01.9, 0.1, 36.31N, 140.02E, h72km, 1km, M3.4
Broadband fault plane solution: P waves. NP1:
e=187.00000°, s=28.00000°, t=01.00000°. NP2:
e=355.00000°, s=82.00000°, t=1.84.00000°. Principal axes: T
Plg72.0000°, Azm252.0000°, N Plg5.0000°,
Azm357.0000°, P Plg17.0000°, Azm89.0000°;
JMA Felt J1.
ISC 28 00:51:00.5, 0.9, 36.24N, 140.03E, 0.06, h84km, 7km,

Main table of station data for the second section, including stations like Code Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like JYT Yasato, JAG Ashikaga, etc.

Main table of station data for the third section, including stations like DZM Mont Dzumac, PPT Papeete, PPT2 Papeete, etc.

28d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GLMI Grayling, CLL Colim, KHC Kasperske Hory, etc.

NEIC 28 02:01:56.6-1.2, 7.5S:0.1:67.6E:0.2, h10km, 2km, mb4/8, Error ellipse: s-maj=33.5km s-min=2.8km az=132.0

ICD 28 02:01:56.3-4.7, 7.63S:67.71E, h0km, mb3/8, mb1 3.9/3, mb1 mx3.4/33, mbtmp3.83, MS3.5/1, Ms1 3.7/1, ms1mx2.8/31, Error ellipse: s-maj=130.6km s-min=80.6km az=163.0

ISC 28 02:01:55.9-1.8, 7.75S:0.3:67.7E:0.2, h10km, n18, 0591/15, mb4.1/8, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MYKOM Kota Tinggi, MBAR Mbarara, CMAR Chiang Mai Arr, etc.

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Table with columns: MKAR Makanchi Array, ABKAR Abkulak array, SONM Songino Array, UNLN Ulanbatar, NVAR Nara Array, etc.

ICD 28 02:09:40.3:2.2, 5.93S:129.78E, h0km, mb4.1/1, mb1 3.9/3, mb1mx3.5/29, mbtmp3.7/3, ML3.8/2, Error ellipse: s-maj=148.8km s-min=30.7km az=69.0, Banda Sea

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

ICD 28 02:13:41.0:3.8, 22.46S:175.00W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/39, mbtmp4.0/5, MS3.2/1, Ms1 3.2/1, ms1mx2.6/24, Error ellipse: s-maj=191.8km s-min=33.4km az=149.0

NEIC 28 02:13:41.5:2.0, 22.5S:0.2:174.8W:0.1, h10km, 1km, mb4.6/8, Error ellipse: s-maj=26.7km s-min=21.5km az=29.0

ISC 28 02:13:45.6:0.9, 22.5S:0.2:174.9W:0.1, h33km, n25, 0588/25, mb4.3/7, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MSVF Nonsavu, RZR Rangona, DZM Mont Dzumac, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ILAR Indian Moutai, CMAR Chiang Mai Arr, etc.

ICD 28 02:21:07.7:1.2, 2.68S:141.09E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.8/28, mbtmp3.9/6, ML4.5/2, MS3.0/1, Ms1 3.0/1, ms1mx2.4/28, Error ellipse: s-maj=16.8km s-min=8.5km az=39.0

NEIC 28 02:21:11.9:1.1, 2.58S:0.07:140.51E:0.07, h18km, 5km, mb2.2/11, Error ellipse: s-maj=12.0km s-min=7.9km az=139.0

DJA 28 02:21:11.7:0.7, 2.57S:141.15E, h10km, M4.0/4, MLV4.0/4, ICD 28 02:21:12.3:0.5, 2.54S:0.06:140.50E:0.04, h24km, n39, MS169/37, mb3.9/10, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JAY Jayapura, GENI Geniem, SMPI Sarmi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NACS Nancachiao, H1S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, LSA Lhasa, etc.

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Table with columns: MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, VNSA Vanda, etc.

KRNET 28 02:38:51.0:0.1, 39.39N:72.69E, h18km, mb3.3, NNC 28 02:39:02.7:4.3, 40.28N:72.50E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=38.9km s-min=21.8km az=177.0

ISC 28 02:38:55.8:2.0, 39.68N:0.1:72.40E:0.06, h14km, 14km, n20, 1163/35, 23C-15Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like OHH Osh, OHH Osh, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ARS Arslanbulak, ARS Arslanbulak, ARK Arkit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ARLS Aral, ARLS Aral, AML Almayashu, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TIC Toudomi, TTIG Tnine Tigouva, TTIG Tnine Tigouva, etc.

PPT2	comp=Z,994nm,29.8s	eLR	LR	04 12 21.7	
BIDO	comp=Z,1µm,22.8s,baz=296				
BIDB	SNR=1	76.77 292	P	03 48 36.6 -2.5	
WRH	Wood River Hil	76.77 25	P	03 48 38.6 -0.3	
WRH			I Amb	03 48 40.0	
DHY	comp=Z,72nm,1.7s	76.94 27	P	03 48 39.8 +0.3	
HIN	Denali Highway	76.95 30	I AMs_20	I AMs_20	04 19 07.9
FID	Port Fidalgo	77.01 29	P	03 48 40.3 +0.5	
MHTO	MHTO	77.03 290	P	03 48 39.8 -0.9	
MHTO	SNR=5.8		P	03 48 39.8 -0.9	
COLA	College	77.04 25	P	03 48 39.5 -0.3	
COLA	comp=Z,37nm,1.7s		P max		
COLA	College	77.04 25	P	03 48 39.5 -0.3	
COLA			I Amb	03 48 44.5	
TOLK	comp=Z,37nm,1.6s				
TOLK	Toolik Lake Re	77.12 21	P	03 48 41.3 +0.9	
TOLK	baz=258				
TOLK	Toolik Lake Re	77.12 21	P	03 48 40.7 +0.3	
TOLK			I Amb	03 48 53.3	
POKR	comp=Z,60nm,1.6s				
POKR	Poker Plat Res	77.26 25	P	03 48 40.7 -0.5	
EYAK	Cordova Ski Ar	77.34 30	I AMs_20	I AMs_20	04 19 30.2
HDA	Harding Lake	77.34 26	P	03 48 40.5 -1.1	
HDA	baz=26				
HDA	Harding Lake	77.34 26	P	03 48 40.7 -0.9	
HDA			I Amb	03 48 42.4	
ARU	comp=Z,52nm,1.8s				
ARU	Arti	77.35 326d	I P	03 48 40.3 -1.5	
ARU				03 51 30.1	
ARU			PPP	03 53 30.3 -0.5	
ARU			SS	04 03 29.0 -0.1	
ARU	comp=Z,47nm,1.8s				
ARU			MLR		
ARU	comp=Z,1µm,19.0s				
ARU	Arti	77.35 326	P	03 48 40.9 -0.9	
KLU	Klutina	77.38 29	I Amb	03 48 41.1 -0.8	
IL31	comp=Z,61nm,1.5s				
IL31		77.43 25	P	03 48 41.0 -1.0	
ILAR	comp=Z,48nm,1.8s				
ILAR	Eielson Array	77.43 25	P	03 48 40.4 -1.7	
ILAR	comp=Z,2.8nm,1.1s,baz=262,slow=5.3,SNR=12		LR	04 18 57.4	
ILAR	comp=Z,511nm,21.7s,baz=254,slow=33				
ILAR	Eielson Array	77.43 25	P	03 48 40.9 -1.2	
ILAR	Eielson Array	77.43 25	P	03 48 40.9 -1.2	
HOQ	Hoqain	77.51 292	P	03 48 42.2 -1.2	
PAX	SNR=6.4				
PAX	Paxson	77.78 27	P	03 48 43.8 -0.4	
PAX	comp=Z,70nm,1.7s				
PAX			P max		
PAX	Paxson	77.78 27	P	03 48 43.8 -0.4	
PAX			I Amb	03 48 48.5	
RAGM	comp=Z,70nm,1.7s				
RAGM	Ragged Mountai	77.84 30	I AMs_20	I AMs_20	04 20 16.6
TBI	Tubuai	78.15 116	eS	03 58 41.5 +1.0	
TBI	comp=Z,2µm,32.5s				
TBI			eSS	04 03 40.0 -2.9	
RIDQ	comp=Z,368nm,26.0s				
RIDQ	Independent Ri	78.16 26	P	03 48 46.1 -0.2	
ARAQ	SNR=8.1	78.25 292	P	03 48 46.2 -1.3	
GLB	Gilahina Butte	78.38 29	P	03 48 48.0 +0.5	
GLB			I Amb	03 48 49.5	
DOT	comp=Z,75nm,1.5s				
DOT	Dot Lake	78.50 27	P	03 48 48.0 -0.1	
DOT			I Amb	03 48 49.7	
SCRK	comp=Z,36nm,1.6s				
SCRK	Sand Creek	78.57 26	P	03 48 48.3 -0.3	
SCRK			I Amb	03 48 52.7	
MENT	comp=Z,45nm,1.8s				
MENT	Mentasta	78.58 27	P	03 48 48.9 +0.4	
ASHO	SNR=6.1	78.60 294	P	03 48 47.3 -2.2	
CRQM	Cirque	78.64 30	I AMs_20	I AMs_20	04 21 04.2
MCARA	comp=Z,653nm,19.0s				
MCARA	McCarthy SAT	78.75 29	I AMs_20	I AMs_20	04 18 28.4
TGL	comp=Z,728nm,22.0s				
TGL	Tana Glacier	78.79 30	P	03 48 49.6 -0.2	
TGL			I Amb	03 48 54.4	
ISLE	comp=Z,54nm,1.2s				
ISLE	Juniper Island	79.02 30	I AMs_20	I AMs_20	04 21 16.6
BALM	comp=Z,697nm,21.0s				
BALM	Baldy	79.05 29	P	03 48 51.2 0.0	
BALM			I Amb	03 49 25.5	
MESA	comp=Z,90nm,1.9s				
MESA	Mesa	79.18 30	I AMs_20	I AMs_20	04 19 34.0
YAH	comp=Z,944nm,21.0s				
YAH	Yahstse	79.29 30	I AMs_20	I AMs_20	04 21 02.9
BARN	comp=Z,941nm,20.0s				
BARN	Barnard Glacie	79.38 29	P	03 48 53.9 +0.7	
BARN			I Amb	03 49 13.4	
BCAR	comp=Z,68nm,1.4s				
BCAR	Beaver Creek A	79.47 27	P	03 48 53.5 0.0	
CTGM	Chitina Glacie	79.53 29	P	03 48 54.7 +0.7	
TABL	Table Mountain	79.60 30	P	03 48 55.1 +0.7	
TABL			I AMs_20	04 20 09.0	
EGAK	comp=Z,848nm,21.0s				
EGAK	Eagle	79.87 26	P	03 48 56.2 +0.7	
PCA	Pinnacle	80.02 30	I AMs_20	I AMs_20	04 20 52.3
DAWY	comp=Z,795nm,19.0s				
DAWY	Dawson	80.59 26	P	03 49 00.1 +0.6	
DAWY			I Amb	03 49 01.9	
HYT	comp=Z,41nm,1.5s				
HYT	Haines Junctio	81.40 30	P	03 49 04.9 +1.0	
HYT			I Amb	03 49 09.0	
EPYK	comp=Z,34nm,1.4s				
EPYK	Eagle Plains	81.77 24	P	03 49 06.3 +0.6	
EPYK	baz=270				
EPYK	Eagle Plains	81.77 24	P	03 49 06.0 +0.3	
KIROV	SNR=10.7	82.36 328	I P	03 49 08.0 +0.7	
SKAG	Skagway	82.51 31	P	03 49 10.7 +1.1	
SKAG			I Amb	03 49 12.4	
WHY	comp=Z,56nm,1.8s				
WHY	Whitehorse	82.69 30	P	03 49 11.6 +0.9	
WHY			I Amb	03 49 13.5	
WHY	comp=Z,80nm,1.9s				
WHY			I AMs_20	04 23 41.8	
PRGR	comp=Z,649nm,20.0s				
PRGR	Permogore	84.08 331	I P	03 49 17.3 -0.3	
PRGR			P max		
TAOE	comp=Z,49nm,1.1s				
TAOE	Nuku Hiva Isla	84.26 100	eLR	04 15 31.4	
WRAK	comp=Z,1µm,32.6s				
WRAK	Wrangell Islan	84.28 34	I Amb	03 49 19.5 +0.7	
WRAK			I Amb	03 49 25.8	
AKT	comp=Z,16nm,0.9s				
AKT	Akhty	84.47 311	eP	03 49 19.7 -0.6	
AKT				03 49 23.7	
DIB	comp=Z,60nm,1.6s				
DIB	Dawson Inlet	84.48 37	P	03 49 20.3 +0.4	
DIB			I Amb	03 49 21.5	
MAK	comp=Z,38nm,1.4s				
MAK	Makhachkala	84.51 312d	I P	03 49 11.7 -8.5	
MAK				03 52 28.9	
MAK	comp=Z,262nm,1.4s				
MAK			P max		
MAK	comp=Z,519nm,19.0s				
MAK			MLR		
DLBC	Dease Lake	85.33 32	P	03 49 25.3 +1.2	
DLBC			I Amb	03 49 27.0	
GROC	comp=Z,58nm,1.6s				
GROC	Groznyy	85.73 313	eP	03 49 26.0 -0.4	
GROC				03 52 44.1	
GROC	comp=Z,39nm,1.0s				
GROC			P max		
VNDA	comp=Z,4.5nm,0.9s,baz=323,slow=5.8,SNR=19				
VNDA	Vanda	86.01 175	P	03 49 27.0 0.0	
VNDA				04 27 07.7	
VNDA	comp=Z,925nm,19.5s,baz=352,slow=35				
VNDA	Vanda	86.01 175	P	03 49 27.4 +0.4	
VNDA			P max		

VNDA	comp=Z,54nm,1.9s				
VNDA	Vanda	86.01 175	P	03 49 27.4 +0.4	
VNDA			I Amb	03 49 31.2	
C36M	comp=Z,54nm,1.9s				
C36M	Paulutok	86.26 21	P	03 49 28.0 -0.4	
C36M	baz=281				
C36M	Paulutok	86.26 21	P	03 49 28.6 +0.2	
KLMR	Klimovskoe	87.11 331	I P	03 49 30.7 -2.0	
KLMR				03 59 56.6 -2.1	
KLMR	comp=Z,64nm,1.3s				
KLMR	Klimovskoe	87.11 331	I P	03 49 30.8 -2.0	
KLMR				03 49 30.8 -2.0	
KLMR				03 49 33.0	
KLMR	comp=Z,64nm,1.3s				
KLMR			ePP	03 52 47.6 -8.5	
KLMR			S	03 59 56.7 -2.0	
KLMR			SKSac	03 59 56.7 -2.0	
KLMR			LQ	04 19 42.6	
KLMR			LQ	04 19 42.6	
KLMR			LR	04 24 59.5	
KLMR			AMP	04 30 06.6	
ZEI	comp=Z,897nm,16.4s				
ZEI	Tsey	87.16 313	eP	03 49 30.8 -2.9	
ZEI			P max		
TMCR	comp=Z,33nm,1.3s				
TMCR	Tamitsa	87.17 334	eP	03 49 31.1 -1.9	
TMCR			P max		
GOF	comp=Z,22nm,1.1s				
GOF	Gofitskoye	87.47 315f	eP	03 49 30.5 -4.4	
GOF			P max		
AKH	comp=Z,45nm,1.3s				
AKH	Akhalkakali	87.64 311	P	03 49 35.5 -0.5	
AKH			P max		
AKH	comp=Z,96nm,1.9s				
AKH			MLR		
AKH	comp=Z,800nm,21.0s				
AKH	Akhalkakali	87.64 311	P	03 49 35.5 -0.5	
AKH			I AMs_20	04 31 41.8	
AKH			I AMs_20		
LVZ	comp=Z,764nm,21.0s				
LVZ	Lovozero	87.70 338f	eP	03 49 32.9 -2.7	
LVZ			P max		
KBZ	comp=Z,27nm,1.3s				
KBZ	Khabaz	87.76 314	P	03 49 35.4 -0.9	
KBZ	comp=Z,3.0nm,0.9s,baz=217,slow=24,SNR=6.1				
KBZ			LR	04 32 52.2	
KIV	comp=Z,706nm,18.7s,baz=73,slow=38				
KIV	Kislovodsk	87.88 314	eP	03 49 35.5 -1.5	
KIV				03 53 00.8	
KIV				04 00 02.9	
KIV			eSS	04 06 05.2 -0.9	
KIV			P max		
KIV	comp=Z,22nm,1.0s				
KIV			P max		
KIV	comp=Z,411nm,4.8s				
KIV			MLR		
KIV	comp=Z,1µm,20.0s				
KIV	Kislovodsk	87.88 314	P	03 49 36.0 -1.0	
KIV			I Amb	03 49 50.4	
GEVA	comp=Z,28nm,1.5s				
GEVA	Gevas	88.40 308	P	03 49 38.4 -1.4	
GEVA			I Amb	03 49 58.8	
SPAO	comp=Z,30nm,1.0s				
SPAO	Spitsbergen Ar	88.71 350	P	03 49 39.9 -0.3	
KBS	Kingsbay	89.03 351	I P	03 49 40.8 -0.8	
KBS			P max		
KBS	comp=Z,21nm,2.5s				
KBS	Kingsbay	89.03 351	P	03 49 41.6 0.0	
MOS	Moscow	89.06 326	eP	03 49 38.4 -3.8	
MOS				03 53 08.3	
MOS				04 00 07.4	
MOS			eS	04 00 31.1 +1.6	
MOS			eS	04 01 35.6 +0.8	
MOS			P	03 49 43.2 -2.3	
OBN	comp=Z,445nm,20.2s,baz=280,slow=31				
OBN	Obninsk	89.78 326c	eP	03 53 24.6	
OBN				04 00 42.9 +6.7	
OBN			P max		
MARD	comp=Z,25nm,1.7s				
MARD	Mardin	90.34 308	P	03 49 47.5 -1.3	
ARCES	comp=Z,984nm,18.4s,baz=55,slow=60				
ARCES	ARCES Array B	90.36 341	P	03 49 47.1 -0.9	
ARCES	comp=Z,17nm,0.3s,baz=70,slow=7.8,SNR=1.5				
ARCES			LR	04 36 18.9	
AREO	comp=Z,984nm,18.4s,baz=55,slow=60				
AREO	ARCES Array S	90.36 341	P	03 49 46.9 -1.1	
NLWA	Neilton Lookou	90.72 42	I AMs_20	I AMs_20	04 25 00.8
MAW	comp=Z,460nm,18.0s				
MAW	Mawson	90.83 202	P	03 49 51.0 +1.0	
MAW	baz=91,SNR=5.6				
MAW	Mawson	90.83 202	P	03 49 50.4 +0.4	
MAW	comp=Z,5.2nm,0.8s,baz=63,slow=7.6,SNR=11				
MAW			LR	04 27 40.9	
MAW	comp=Z,621nm,20.2s,baz=66,slow=34				
MAW	Mawson	90.83 202	P	03 49 50.5 +0.4	
MAW			P max		
MAW	comp=Z,2.0nm,1.0s				
MAW	Mawson	90.83 202	P	03 49 50.5 +0.4	
MAW			P	03 53 30.1	
RKT	comp=Z,988nm,32.0s				
RKT	Rikties	91.21 113	eLR	04 16 59.6	
D03D	comp=Z,283				
D03D	Eldon	91.28 42	P	03 49 54.9 +2.2	
ANN	comp=Z,570nm,20.7s,baz=0,slow=34				
ANN	Anapa	91.44 315	eP	03 49 50.9 -2.6	
ANN				03 53 30.1	
ANN			eS	04 00 22.0 -2.9	
ANN			SKSac	04 06 55.8 -1.6	
ANN			eSS	04 10 3	

PRU	comp=Z,600nm,19.2s	MLR	MLR						
PRA	Prague	104.12	326	ePP	PP	AMS	AMS	03 55 08.4	+0.3
PRA	comp=Z,300nm,18.1s							04 47 50.0	
CLL	Colim	104.26	327	ePdif	Pdif	ePP	PP	03 50 55.0	+3.7
CLL				eSKSac	SKSac	ePS	PS	03 55 10.0	+0.9
CLL				ePPS	PPS	e		04 01 37.0	+6.9
CLL				eSS	SS	eSSS	SSS	04 04 16.0	+5.7
CLL				Lm	MLR			04 05 06.0	
CLL								04 06 28.0	
CLL	comp=N,2um,18.8s							04 10 03.0	+5.9
CLL	comp=E,2um,18.6s			Lm	MLR			04 42 00.0	
CLL	comp=Z,2um,19.3s			Lm	MLR			04 42 00.0	
TUC	Tucson	104.52	54	IAMS_20	IAMS_20			04 45 40.8	
PDG	Podgorica	104.69	317	IAMS_20	IAMS_20			04 42 42.2	
KHC	Kasperske Hory	105.08	325	ePDIFF	Pdif	ePP	PP	03 50 51.6	-3.4
KHC				eSKS	SKS	eAMS	AMS	03 55 11.4	-3.9
KHC				AMS	AMS			04 01 38.0	+3.9
KHC								04 47 50.0	
KHC	comp=Z,900nm,16.6s			eP	Pdif	e		03 50 51.6	-3.4
KHC	Kasperske Hory	105.08	325	e		MLR	MLR	03 55 11.4	-3.9
KHC								04 01 38.0	
NKC	Novy Kostel	105.13	327	ePP	PP	AMS	AMS	03 55 14.6	-1.0
NKC								04 41 20.0	
HSIG		105.41	57	IAMS_20	IAMS_20			04 43 53.8	
IS20	IJR Ranch, Cre	105.64	48	IAMS_20	IAMS_20			04 34 44.7	
SACA	Great Sand Dun	105.71	45	IAMS_20	IAMS_20			04 37 27.9	
E28A	Huff	105.87	37	IAMS_20	IAMS_20			04 31 31.2	
MDND	Maddock	105.88	36	IAMS_20	IAMS_20			04 43 04.0	
319A	Douglas	106.03	54	IAMS_20	IAMS_20			04 44 17.9	
MBAR	Mbarara	106.07	272	IAMS_20	IAMS_20			04 44 23.9	
Q24A	Divide	106.38	46	IAMS_20	IAMS_20			04 35 14.7	
SDCO	Great Sand Dun	106.61	47	IAMS_20	IAMS_20			04 34 13.3	
ULM	Lac du Bonnet	106.65	32	IAMS_20	IAMS_20			04 34 29.6	
121A	COCKES Peak, D	106.83	53	IAMS_20	IAMS_20			04 44 52.9	
Y22D	IRIS PASCAL I	106.95	51	IAMS_20	IAMS_20			04 38 41.9	
T25A	Trinidad	107.65	47	IAMS_20	IAMS_20			04 36 12.8	
D32A	Dogwood Acres	107.74	35	IAMS_20	IAMS_20			04 44 26.4	
AGMM	Agassiz Nation	107.75	34	IAMS_20	IAMS_20			04 35 39.4	
TIP	Timpagrande	107.78	315	IAMS_20	IAMS_20			04 43 49.6	
SUSD	Miller	108.00	39	IAMS_20	IAMS_20			04 37 38.5	
EPT	El Paso	108.11	53	IAMS_20	IAMS_20			04 45 04.0	
KSCO	Kaye Shedlock	108.14	45	IAMS_20	IAMS_20			04 42 24.4	
CEL	Celeste	108.79	315	IAMS_20	IAMS_20			04 44 29.3	
F33A	5 Mile Ranch	108.87	36	IAMS_20	IAMS_20			04 45 24.0	
B35A	Bob, Littlefor	108.89	33	IAMS_20	IAMS_20			04 38 52.3	
ECSD	EROS Data Cent	109.81	38	IAMS_20	IAMS_20			04 36 01.4	
MSTX	Muleshoe	110.17	50	IAMS_20	IAMS_20			04 47 24.1	
CBKS	Cedar Bluff	110.23	44	IAMS_20	IAMS_20			04 48 35.6	
F36A	Milaca	110.45	35	IAMS_20	IAMS_20			04 36 40.1	
HPIG		110.50	58	IAMS_20	IAMS_20			04 43 11.8	
L34A	Svendsen Farm	110.89	40	IAMS_20	IAMS_20			04 46 39.3	
CLTB	Callabellotta	110.99	315	IAMS_20	IAMS_20			04 51 10.4	
E38A	The Farm, Brul	111.12	34	IAMS_20	IAMS_20			04 48 21.3	
R32A	Long Quarter	111.13	44	IAMS_20	IAMS_20			04 45 09.2	
SPMN	Marine on 441	111.25	35	IAMS_20	IAMS_20			04 36 40.8	
TXAR	Lajitas Array	111.29	55	PKIKP	PKIKP	AMS	AMS	03 55 21.9	+0.1
I37A	Lemond, Waseca	111.59	37	IAMS_20	IAMS_20			04 39 26.3	
AD1A	Chassel	112.43	32	IAMS_20	IAMS_20			04 41 30.6	
G40A	Rib Lake	112.68	34	IAMS_20	IAMS_20			04 39 09.8	
COWI	Conover	112.74	33	IAMS_20	IAMS_20			04 41 20.3	
K38A	Parkersburg	112.75	38	IAMS_20	IAMS_20			04 40 25.2	
WMOK	Wichita Mounta	112.81	48	IAMS_20	IAMS_20			04 40 47.3	
ABTX	Ablene, Hawle	113.11	50	IAMS_20	IAMS_20			04 35 23.7	
I40A	Norwalk	113.29	35	IAMS_20	IAMS_20			04 41 55.1	
E43A	Lone Tree Farm	113.70	32	IAMS_20	IAMS_20			04 42 37.0	
JCT	Junction City	113.91	52	P	PKIKP			03 55 27.5	+0.7
JCT								04 38 36.2	
P38A	Dawn	113.97	41	IAMS_20	IAMS_20			04 40 16.9	
L40A	Anamosa	114.02	37	IAMS_20	IAMS_20			04 43 31.8	
JFWS	Jewell Farm	114.09	36	IAMS_20	IAMS_20			04 41 03.5	
I42A	Draeger Farm	114.26	35	IAMS_20	IAMS_20			04 36 56.6	
TUL1	Leonard	114.39	45	IAMS_20	IAMS_20			04 39 41.7	
H43A	Windswept, Lux	114.53	34	IAMS_20	IAMS_20			04 38 48.6	
Z3A	Zacatecas	114.57	61	IAMS_20	IAMS_20			04 39 32.6	
2A15	Percheven, San	114.58	48	IAMS_20	IAMS_20			04 47 04.4	
P40A	Paris	114.97	40	IAMS_20	IAMS_20			04 54 08.4	
L42A	Oliver, Polo	114.99	37	IAMS_20	IAMS_20			04 41 21.2	
WHTX	Lake Whitney	115.05	50	IAMS_20	IAMS_20			04 50 39.0	
U38A	Gravette	115.10	44	IAMS_20	IAMS_20			04 44 04.3	
S39A	Bolivar	115.16	42	IAMS_20	IAMS_20			04 44 24.6	
G45A	Suttons Bay	115.29	32	IAMS_20	IAMS_20			04 43 46.1	
K43A	Burlington	115.33	35	IAMS_20	IAMS_20			04 43 06.2	
HHAR	Hobbs	115.49	44	IAMS_20	IAMS_20			04 44 11.6	
435B	Jarrell	115.50	51	IAMS_20	IAMS_20			04 51 29.0	
R40A	Maddies Store	115.53	41	IAMS_20	IAMS_20			04 53 39.2	
L44A	Lake County Fo	115.91	36	IAMS_20	IAMS_20			04 43 24.4	
HDIL	Hopedale	116.09	38	IAMS_20	IAMS_20			04 40 56.5	
MGMO	Mountain Grove	116.15	42	IAMS_20	IAMS_20			04 49 53.0	
W39A	Magazine	116.16	45	P	PKIKP			03 55 31.1	+0.2

HQIL	Hanson Quarry C	116.18	36	IAMS_20	IAMS_20			04 43 43.5	
U40A	Yellville	116.19	43	P	PKIKP			03 55 31.2	+0.3
U40A	Yellville	116.19	43	IAMS_20	IAMS_20			04 54 54.2	
237A	Washetta, Mont	116.28	49	IAMS_20	IAMS_20			04 39 31.5	
CCM	Cathedral Cave	116.33	41	IAMS_20	IAMS_20			04 43 47.4	
P43A	Skaggs, Pawnee	116.50	39	IAMS_20	IAMS_20			04 50 35.5	
MIAR	Mount Ida	116.64	45	PKIKP	PKIKP			03 55 32.6	+0.8
MIAR	Mount Ida	116.64	45	P	PKIKP			03 55 32.9	+1.1
MIAR	Mount Ida	116.64	45	IAMS_20	IAMS_20			04 41 12.5	
O44A	Mansfield	116.83	38	IAMS_20	IAMS_20			04 41 50.3	
FVM	French Village	116.90	41	IAMS_20	IAMS_20			04 43 14.2	
J47A	Sumner	116.94	33	IAMS_20	IAMS_20			04 43 57.2	
T42A	Van Buren	117.00	42	IAMS_20	IAMS_20			04 49 39.4	
HKT	Hockley	117.22	51	IAMS_20	IAMS_20			04 51 50.5	
NATX	Nacogdoches	117.25	49	IAMS_20	IAMS_20			04 41 03.2	
UALR	University of	117.39	45	IAMS_20	IAMS_20			04 40 55.0	
WLAR	White Oak Lake	117.42	46	IAMS_20	IAMS_20			04 41 06.0	
LCAR	Lake Charles	117.50	43	IAMS_20	IAMS_20			04 55 29.7	
SFIN	Lafayette	117.52	37	IAMS_20	IAMS_20			04 42 38.1	
I49A	Point Hope	117.52	31	IAMS_20	IAMS_20			04 52 16.0	
S44A	Carbondale	117.82	40	IAMS_20	IAMS_20			04 52 21.7	
Z41A	Richland Creek	117.86	46	IAMS_20	IAMS_20			04 40 30.9	
P46A	Rosedale	117.93	37	IAMS_20	IAMS_20			04 42 43.1	
N47A	Urbana	118.01	36	IAMS_20	IAMS_20			04 44 47.2	
L48A	N Adams	118.02	34	IAMS_20	IAMS_20			04 40 42.0	
PARMO	Parma	118.09	41	IAMS_20	IAMS_20			04 50 21.2	
AAM	Ann Arbor	118.21	33	IAMS_20	IAMS_20			04 41 21.9	
HENN	Henderson Moun	118.25	41	IAMS_20	IAMS_20			04 47 34.3	
PENMO	Penman	118.30	42	IAMS_20	IAMS_20			04 43 13.7	
GNAR	Gosnell	118.32	42	IAMS_20	IAMS_20			04 56 15.3	
LPAR	Lepanto	118.33	43	IAMS_20	IAMS_20			04 51 59.8	
PEBM	Pemiscott Bayo	118.34	42	IAMS_20	IAMS_20			04 54 16.8	
K50A	Casco	118.43	32	IAMS_20	IAMS_20			04 45 23.5	
HICK	Hickman	118.51	41	IAMS_20	IAMS_20			04 47 41.2	
X43A	Marvel	118.54	44	IAMS_20	IAMS_20			04 38 18.5	
LNXT	Lenox	118.59	42	IAMS_20	IAMS_20			04 43 09.4	
GLAT	Glass	118.63	42	IAMS_20	IAMS_20			04 57 40.4	
USIN	University of	118.66	39	IAMS_20	IAMS_20			04 45 40.9	
SADO	Sadova	118.74	29	IAMS_20	IAMS_20			04 45 32.8	
N49A	Columbus Grove	118.85	35	IAMS_20	IAMS_20			04 40 43.1	
MET	Memphis-Engin	118.85	43	IAMS_20	IAMS_20			04 44 35.6	
50A	Fremont	119.16	34	IAMS_20	IAMS_20			04 41 40.1	
O49A	Covington	119.25	35	IAMS_20	IAMS_20			04 40 08.8	
W45A	Hickory Valley	119.34	43	IAMS_20	IAMS_20			04 43 17.3	
WCI	Wyandotte Cave	119.35	38	IAMS_20	IAMS_20			04 46 20.0	
T47A	Sharon Grove	119.61	40	IAMS_20	IAMS_20			04 56 07.1	
WVT	Waverly	119.66	41	IAMS_20	IAMS_20			04 57 50.7	
Y45A	Heagerty	119.82	44	IAMS_20	IAMS_20			04 55 02.4	
N51A	Ashland	119.86	34	IAMS_20	IAMS_20			04 41 37.6	
M52A	Chesterland	119.97	32	IAMS_20	IAMS_20			04 42 58.2	
ACSO	Alum Creek Sta	119.99	34	IAMS_20	IAMS_20			04 41 29.2	
R49A	Shelbyville	119.99	37	IAMS_20	IAMS_20			04 42 20.8	
J54A	Appleton	120.10	29	IAMS_20	IAMS_20			04 52 39.9	
PLAL	Pickwick Lake	120.18	42	IAMS_20	IAMS_20			04 41 23.5	
MEDO	Medlin	120.27	29	IAMS_20	IAMS_20			04 43 31.4	
ERPA	Erie	120.27	31	IAMS_20	IAMS_20			04 44 35.9	
PECO	Prince Edward	120.38	28	IAMS_20	IAMS_20			04 52 51.1	
M53A	WI Miller and	120.40	32	IAMS_20	IAMS_20			04 46 42.6	
P51A	Williamsport	120.45	35	IAMS_20	IAMS_20			04 40 44.6	
J55A	Hilton	120.50	29	IAMS_20	IAMS_20			04 46 23.5	
R50A	Paris	120.51	37</						

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARD, IGAR, IDMV, etc.

IDC 28 05:22:41.4, 2.1, 5.47S; 154.26E, h132km, 16km, mb3.8/13, m1 3.9/16, mb1mx3.8/40, mbtmp4.2/16, Error ellipse: s-maj=22.5km s-min=11.7km az=63.0

NEIC 28 05:22:42.5, 0.9, 1.541-18E:0.10, h140km, 7km, mb4.6/18, Error ellipse: s-maj=14.2km s-min=12.1km az=81.0

ISC 28 05:22:39.9, 0.5, 5.45S; 100.06E; 154.35E; 0.08, h118km, m49, r1511/52, mb4.1/20, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL, KRVT, PMG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNZO, BSWZ, BFZ, etc.

IDC 28 05:27:51.2, 5.2, 5.50N; 126.46E, h0km, mb3.7/3, m1 3.9/3, mb1mx3.5/32, mbtmp3.7/3, MS3.2/3, M1 3.3/3, ms1mx2.8/33, Error ellipse: s-maj=209.9km s-min=27.4km az=66.0

ISC 28 05:27:54.0, 5.30N; 126.47E, h1km, MS4.1, M28 05:27:58.3, 2.5, 5.3N; 101.126E; 0.1, h46km, 28km, n12, e230/14, mb3.6/3, 1C-1D, Mindanao

IDC 28 05:28:53.0, 0.8, 3.74N; 139.17E, h0km, mb3.8/10, m1 3.9/11, mb1mx3.7/35, mbtmp3.8/11, ML3.2/1, MS3.1/6, M1 3.1/6, ms1mx2.9/30, Error ellipse: s-maj=29.0km s-min=15.0km az=71.0

JMA 28 05:28:55.2, 34.79N; 139.33E, h2km, 1km, M3.4, JMA Feil II J1, NIED 28 05:28:55.3, 34.79N; 139.33E, h2km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mn-1.23; Mw0.90; Mm0.33; Ml0-0.66; Mm0-0.44; Ml0-0.14; Fault plane solution: M0.1, 360000^10^15 NP1; 0.111, 0.00000^8, 0.60, 0.00000^8, -97, 0.00000^8. NP2: 0.305, 0.00000^8, 0.31, 0.00000^8, -78, 0.00000^8

NEIC 28 05:28:58.3, 2.1, 3.476N; 105.139E; 0.1, h35km, 1km, mb4.4/2, Error ellipse: s-maj=18.7km s-min=6.9km az=73.0

ISC 28 05:28:55.0, 1.0, 34.80N; 103.139E; 0.05, h12km, 6km, n41, e1903/40, mb3.8/12, 3D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JIM2, KTJ3, JOTHY, etc.

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

TAP 28 05:37:05.0, 24.24N; 122.18E, h51km, ML4.1, D, JMA 28 05:37:04.3, 0.1, 24.18N; 122.17E, h56km, 2km, M3.4, ISC 28 05:37:05.1, 2.2423N; 102.022E; 0.02, h45km, 9km, n132, e1925/31, 4C-4D, Taiwan region

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

28d 6h

JMA Feit II J1.
NEIC 28 06:15:37.7z, 2.5, 34.72N, 0.05:139.28E, 0.10, h35km, 2km,
mb4.6/3, Error ellipse: s-maj=15.3km s-min=4.4km
az=238.0

ISC 28 06:15:35.0, 1.0, 34.78N, 0.03:139.35E, 0.03, h10km, 6km,
n27, r1905/36, mb4.3/6, 2C-4D, Near south coast of
eastern Honshu

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

MCARA McCarthy VSAT 54.37 35 P 06 25 02.0 +0.4
WRO Warramunga Arr 54.62 186 P 06 25 03.2 -0.6
WRA Warramunga Arr 54.62 186 P 06 25 01.7 -2.2
ABKAR Akbulak array 58.13 311 P 06 25 29.0 +0.4

IDC 28 06:34:14.3, 0.7, 7.46N, 136.84E, h2km, mb4.1/13,
M1 4.2/14, mb1mx4.0/36, mbtmp4.1/14, ML4.3/1, MS3.6/24,
ms1.3/6/24, ms1mx3.5/40, Error ellipse: s-maj=33.5km
s-min=14.1km az=80.0

NEIC 28 06:34:15.3, 1.7, 7.36N, 0.09:136.9E, 0.1, h10km, 1km,
mb4.6/15, Error ellipse: s-maj=20.5km s-min=15.9km
az=91.0

ISC 28 06:34:17.6, 0.6, 7.41N, 0.08:136.8E, 0.1, h22km, n54,
r121/37, mb4.2/19, MS3.6/20, Western Caroline Islands

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

2014 JUL

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

TIR 28 06:42:37.7, 41.74N, 19.73E, h11km, Md2.6/4
BEO 28 06:42:39.5, 1.0, 41.68N, 19.94E, h15km, 3km, ML1.9/3
ISC 28 06:42:38.6, 1.0, 41.72N, 0.03:19.81E, 0.08, h10km, 11km,
n8, r097/22, Albania

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

ANF 28 06:45:39.4, 0.2, 33.01N, 117.72W, h7km, 2km, ML3.2/34,
Error ellipse: s-maj=2.4km s-min=1.1km az=20.0

PAS 28 06:45:40.1, 1.6, 32.988N, 0.007:117.75W, 0.01,
h10km, 1km, ML3.3/142, Error ellipse: s-maj=2.5km
s-min=1.8km az=77.0

NEIC 28 06:45:40.1, 1.7, 32.99N, 0.02:117.73W, 0.2, h18km, 2km,
Error ellipse: s-maj=3.5km s-min=2.7km az=205.0

SCEDD 28 06:45:40.3, 32.97N, 117.73W, h15km
ECX 28 06:45:41.6, 1.1, 33.00N, 117.65W, h0km, 15km, MD3.0,
ML3.

ISC 28 06:45:39.5, 1.0, 32.97N, 0.02:117.74W, 0.02, h11km, 8km,
n164, r0985/224, 3C-1D, California-Baja California
border region

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

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

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, Azimuth, Elevation, etc. Includes stations like Malin Array Si, Kesra, Keora, etc.

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, Azimuth, Elevation, etc. Includes stations like M52A Chesterland, S57A Dark Hollow, E43A Lone Tree Farm, etc.

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, Azimuth, Elevation, etc. Includes stations like 146A Union, IMW Indian Meadow, FCAR Ozark Folk Cen, etc.

NEIC 28 08:05:29.7+2.2, 34.82N:0.03;-139.42E:0.08, h9km, 4km, mb4, 4/22, Error ellipse: s-maj=10.0km s-min=4.4km z=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, etc. Includes stations like JIM2 Oshima 3, JIM2 Toshimihagashi, etc.

RSNC 28 10:55:38.0-0.7, 12.82'N-70.51'W, h104km, 13km, ML4.0, Mw4.2

ISC 28 10:55:33.1-0.6, 12.94'N-0.04-0.7035W, 0.05, h11km, n7.5, z=236/93, mb3.5, MS3.4/7, Near coast of Venezuela

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations and their data for the 1347 event.

NEIC 28 11:04:33.9-1.6, 47.52'N-0.04-122.83'W, 0.06, h21km, 4km, Error ellipse: s-maj=6.0km s-min=5.7km az=206.0

SEA 28 11:04:34.7-2.0, 47.46'N-0.04-122.80'W, 0.03, h27km, 8km, ML3.5/99, Mw3.3/9/SLM, Error ellipse: s-maj=5.9km s-min=2.6km az=162.0, Moment Tensor Solution.

ANF 28 11:04:34.1-0.3, 47.50'N-122.71'W, h21km, 4km, ML3.4/15 Error ellipse: s-maj=4.5km s-min=2.0km az=100.0

ISC 28 11:04:34.3-1.0, 47.50'N-0.03-122.80'W, 0.04, h28km, 9km, Mw4.4, z=193/55, Washington

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations and their data for the 1347 event.

TEH 28 11:35:44.1, 33.61'N-45.62'E, h8km, ML3.5

ISH 28 11:35:44.7-0.4, 33.57'N-45.60'E, h15km, ML2.6

ISC 28 11:35:42.4-2.6, 33.60'N-0.04-45.5E, 0.1, h5km, 15km, n18, z=170/24, Iran-Iraq border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations and their data for the 1347 event.

JWY Kouya 3.41 292 P Pn 11 40 35.2 +0.3

JYTA Yamagatanai 3.41 321 P Pn 11 40 35.6 +0.7
JAG Ashigaka 3.44 1 P Pn 11 40 34.7 -0.5
MJAR Matsushiro Arr 3.69 345 Pn 11 40 36.6 +0.4

WRM Warramunga Arr 52.84 186 P P 11 48 35.6 +0.1

ASAR Alice Springs 56.57 186 P 11 49 03.0 +0.1

OMAN 28 11:47:34.2-1.7, 14.47'N-58.12'E, h34km, 23km, mb5.3/1, Error ellipse: s-maj=18.7km s-min=12.3km az=8.0

DSN 28 11:47:37.0-1.9, 14.77'N-57.85'E, h10km, Error ellipse: s-maj=26.4km s-min=7.0km az=31.0

ISC 28 11:47:34.8-4.3, 14.5'N-0.2-58.0E, 0.1, h17km, n14, z=0/88/19, Owen Fracture Zone region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations and their data for the 1347 event.

NEIC 28 12:23:23.8-3.0, 7.45'N-0.10-136.5E, 0.1, h10km, 1km, mb4.6/4, Error ellipse: s-maj=19.7km s-min=16.2km az=99.0

IDC 28 12:23:23.1-0.6, 7.75'N-137.09'E, h0km, mb4.1/13, mb1.4/4/14, mb1mx4.1/37, mbntmp4.2/14, ML4.4/1, MS3.9/8, Mw1.3/8/8, mb1mx3.3/40, Error ellipse: s-maj=29.7km s-min=15.3km az=76.6

ISC 28 12:23:23.5-0.5, 7.48'N-0.06-136.6E, 0.1, h10km, n35, z=209/27, mb4.3/16, Western Caroline Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations and their data for the 1347 event.

DJA 28 12:24:59.0-0.5, 7.54'N-130.0'E, h177km, 11km, M4.2/7, mb4.0/7, mb4.3/1, MLV4.3/7, Mw(mb)3.5/1, Banda Sea

28d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT, PMV, PMG, WRA, ASAR, FITZ, TORO.

NIED 28 12:36:56.5, 28.11N; 127.99E, h9km, MW4.8, Moment Tensor Solution... s3 Moment tensor: Scale 10^16Nm...

JMA 28 12:36:56.0, 28.2, 28.11N; 127.99E, h9km, 2km, M4.4 JMA Felt 1 J1...

GCMT 28 12:37:01.3, 0.4, 28.104N; 127.93E; 0.02, h17km, 1km, MW4.8, 8.76, Moment Tensor Solution... s15.c17; s76.c114...

NEIC 28 12:37:04.3, 1.7, 28.10N; 127.98E; 0.08, 128.0E; 0.1, h62km, 8km, mb4.6/24, Error ellipse: s-maj=15.8km s-min=9.0km...

IDC 28 12:37:05.2, 2.5, 28.09N; 127.98E, h68km, 24km, mb3.6/18, mb1.3/8.24, mb1mx3.7/56, mbtmp4.0/24, MS4.1/14...

BUI 28 12:37:06.4, 0.0, 28.08N; 127.83E, h82km, mb4.7/28, mb4.4/34, Ms4.8/35, Ms7.4/530

ISC 28 12:37:01.1, 2.0, 28.05N; 128.04E; 0.04, h32km, 15km, n98, c204/97, mb4.2/28, MS4.2/15.2C, Ryukyu Islands

Main table of station data for the 28d 12h period, listing station codes, names, coordinates, and seismic parameters.

2014 JUL

Main table of station data for the 2014 JUL period, listing station codes, names, coordinates, and seismic parameters.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOKE, TOKUNOSHIMA, IHEYA, AMAMINISHIKOMI, YORONJIMA, KUNIGAMI, AMAMI OSHIMA, NAKATSU, KOREA ARRAY, MATSUSHIRO ARR, USSURIYSK ARR, MAKANCHI ARRAY, WARRAMUNGA ARR, YELLOWKNIFE ARR.

ISC 28 12:37:41.4, 0.8, 27.96N; 126.128E; 0.08, h21km, 5km, n14, c203/19, mb4.1/3, Ryukyu Islands

IDC 28 12:37:46.3, 0.8, 7.02N; 73.19W, h150km, 43km, mb3.2/4, mb1.3/5.6, mb1mx3.2/34, mbtmp3.7/6, Error ellipse: s-maj=97.5km s-min=7.7km az=133.0...

ISC 28 12:37:45.0, 0.8, 6.84N; 0.03; 73.14W; 0.04, h152km, 6km, n31, c1916/58, 1C-4D, Northern Colombia

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC, BARRC, PAMP, RUSC, PTBC, TAMC, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, GUY2C, VILC, RREF, CBCC, DBBC, TOLC, SDV, PRAC, ORTC, SJCC, MACC, TXAR, PDAR, SCHG, YKA.

JMA 28 12:40:01.1, 1.0, 1.28; 0.09N; 127.98E, h20km, 2km, M3.4 IDC 28 12:40:09.3, 5.1, 28.08N; 127.60E, h60km, 52km, mb3.6/6, mb1.3/6.7, mb1mx3.3/53, mbtmp3.7/7, ML3.2/1, Error ellipse: s-maj=47.7km s-min=21.7km az=75.0

Main table of station data for the 1348 period, listing station codes, names, coordinates, and seismic parameters.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VHL, YHB, BCIY, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like ULM, GDLZ, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like TAP 28, HGSD, EGFH, etc.

NSK	Sanguang	1.25 335	P	Pn	13 14 42.4 +0.1	SSPT	Xinbi	1.64 231	eP	Pn	13 14 49.2 +1.6	ARLS	baz=7.0		↑/S	Sg	13 15 40.3 -0.2	
NSK	baz=256					SSPT	baz=225					ARLS	baz=7.0					
NSK	baz=336		eS	Sn	13 14 57.8 -0.7	YM10	YM10	1.65 348	eP	Pn	13 14 48.5 +0.7	AML	Almayashu	2.50 354	↑/P	Pb	13 15 13.8 -1.2	
WKG	Gukeng	1.27 277	eP	Pn	13 14 42.5 0.0	YM10	baz=334		eS	Sn	13 15 08.3 +0.1	AML	baz=56		↑/S	Sb	13 15 46.4 0.0	
WKG	baz=277		eS	Sb	13 15 00.7 +1.1	YM04	YM04	1.65 347	eP	Pn	13 14 48.5 +0.7	AML	Almayashu	2.50 354	P	Pb	13 15 13.7 -1.2	
WDLH	Douliu	1.29 277	eP	Pb	13 14 44.2 +0.2	YM04	baz=347		eS	Sn	13 15 09.0 +0.8	BTK	Batken	2.52 280	↑/eP	Pn	13 15 12.5 +1.3	
WDLH	baz=276		eS	Sb	13 15 00.9 +0.7	YM05	YM05	1.66 348	eP	Pn	13 14 48.5 +0.6	BTK	baz=82		↑/eS	Sn	13 15 43.3 +0.7	
JYNG	Yonagunijimaku	1.30 45	P	Pn	13 14 43.3 +0.4	YM05	baz=333		eS	Sn	13 15 08.2 -0.2	BTK	Batken	2.52 280	eP	Pn	13 15 13.4 +2.2	
JYNG	baz=276		eS	Sn	13 14 59.8 +0.4	YM11	YM11	1.66 349	eP	Sn	13 14 49.0 +1.1	BTK	baz=82		eS	Sb	13 15 48.3 +1.6	
NWLT	Wulai	1.30 342	eP	Sn	13 14 43.3 +0.4	YM11	baz=333		eS	Sn	13 15 07.6 -0.8	KZA	Kyzart	2.60 201	eP	Pb	13 15 15.9 -0.7	
NWLT	baz=342		eS	Sn	13 14 58.8 -0.7	YM11	baz=333		eS	Sn	13 15 07.6 -0.8	KZA	baz=21		↑/S	Sb	13 15 49.6 +0.4	
SLGT	Liugui	1.30 246	eP	Pn	13 14 44.0 +1.0	YM08	YM08	1.68 349	eP	Pn	13 14 48.8 +0.6	KZA	Kyzart	2.60 20	P	Pg	13 15 18.5 -0.3	
SLGT	baz=239		eS	Sb	13 15 01.4 +0.8	YM08	baz=334		eS	Sn	13 15 08.0 -0.8	UCH	Uchtor	2.61 8	↑/P	Pb	13 15 15.5 -1.3	
TCU	Taichung	1.31 298	eP	Pb	13 14 44.7 +0.4	YM03	YM03	1.68 348	eP	Sn	13 14 48.8 +0.6	UCH	baz=9.0		↑/S	Sb	13 15 48.7 -0.8	
TCU	baz=298		eS	Sb	13 15 01.9 +1.3	YM03	baz=337		eS	Sn	13 15 08.1 -0.8	UCH	baz=9.0			P	Pb	13 15 16.3 -0.5
NTC	Toucheng	1.32 356	eP	Pn	13 14 44.1 +1.0	SCZT	Fangliu	1.68 227	eP	Pn	13 14 48.8 +0.7	ARK	Arkit	2.67 324	↑/P	Pn	13 15 15.2 +1.9	
NTC	baz=356		eS	Sn	13 15 00.3 +0.4	NTST	Danshui	1.68 345	eP	Pb	13 14 50.4 -0.3	ARK	baz=27		↑/S	Sn	13 15 48.4 +1.9	
SGST	Jiashian	1.32 250	eP	Pn	13 14 43.9 +0.7	NTST	baz=345		eS	Sn	13 15 09.9 +1.0	ARK	Arkit	2.67 324	eP	Pn	13 15 14.9 +1.6	
SGST	baz=249		eS	Sb	13 15 00.9 -0.3	ANP	Anpu	1.69 347	eP	Sn	13 14 49.0 +0.7	ARK	Arkit	2.67 324	eS	Sb	13 15 50.3 -0.8	
TWQ1	Liyutan	1.34 307	eP	Pb	13 14 45.1 +0.3	TWY	Chentua	1.76 350	eP	Pn	13 14 50.4 +1.2	AAK	Ala-Archa	3.01 6	Pn	Pb	13 15 21.9 -1.6	
TWQ1	baz=308		eS	Sb	13 15 01.8 +0.3	TWY	baz=348		eP	Pn	13 14 50.4 +1.2	AAK	Ala-Archa	3.01 6	Pn	Pb	13 15 21.9 -1.6	
CHN1	Nanshi	1.34 255	eP	Pb	13 14 45.0 +0.2	HATJ	Hateruma jima	1.79 73	P	Sn	13 14 50.0 +0.4	AAK	Ala-Archa	3.01 6	↑/P	Sb	13 15 59.1 -1.8	
CHN1	baz=254		eS	Sb	13 15 02.9 +1.2	HATJ	baz=290		S	Pn	13 15 11.3 -0.2	AAK	Ala-Archa	3.01 6	P	Pb	13 15 22.0 -1.5	
YOJ	Yonaguni jima	1.35 47	P	Pn	13 14 44.2 +0.6	IRIF	Iriomote-Funau	1.82 64	S	Pn	13 15 13.2 +0.8	AAK	Ala-Archa	3.01 6	Pn	Pb	13 15 21.9 -1.6	
YOJ	baz=254		S	Sn	13 15 01.5 +0.9	IRIF	baz=254		eP	Pn	13 14 54.6 +0.9	AAK	Ala-Archa	3.01 6	Pn	Pb	13 15 21.9 -1.6	
SNST	Tainan City	1.36 257	eP	Sn	13 14 46.0 +0.8	HEN	Hengchun	1.88 216	eP	Pn	13 14 51.2 +0.3	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 29.0 +2.2	
SNST	baz=256		eS	Sb	13 15 03.2 +1.0	HEN	baz=208		eS	Sn	13 15 14.6 +0.7	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 16 08.9	
WCHH	Zhanghua	1.37 293	eP	Pb	13 14 45.6 +0.2	TWKBT	Hengchun	1.90 213	eP	Sn	13 14 50.1 -1.0	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
WCHH	baz=293		eS	Sb	13 15 03.4 +0.8	TWKBT	baz=212		eP	Pn	13 14 51.0 -0.2	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
NSTT	Nanjuang	1.39 322	eP	Pb	13 14 45.5 -0.1	JKRS	Kuro-shima	2.02 69	P	Sn	13 14 53.1 +0.3	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
NSTT	baz=322		eS	Sn	13 15 02.2 +0.6	JKRS	baz=12		S	Sn	13 15 17.8 +0.5	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
NSY	Sanyi	1.39 309	eP	Pb	13 14 46.0 +0.3	PCYT	Pengchayiu	2.09 3	eP	Pn	13 14 54.1 +0.3	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
NSY	baz=309		eS	Sb	13 15 04.0 +1.0	WDGT	Dungli	2.11 263	eP	Sn	13 14 55.0 +0.9	AAK	Ala-Archa	3.01 6	↑/P	Pg	13 15 28.9 +2.2	
LI0B	Emei	1.39 323	eP	Pb	13 14 45.7 0.0	WDGT	baz=263		eS	Sn	13 15 19.4 -0.1	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
LI0B	baz=323		eS	Sb	13 15 02.8 -0.2	PHUB	Peng-hu	2.17 270	eP	Pn	13 14 55.8 +0.9	EKS2	baz=58		↑/S	Sb	13 15 58.3 -2.9	
CHY	Chiayi	1.39 269	eP	Pb	13 14 45.8 +0.2	PHUB	baz=270		eS	Sn	13 15 20.6 -0.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
CHY	baz=268		eS	Sb	13 15 03.5 +0.5	JIJ	Ishigaki jima	2.18 67	P	Sn	13 14 55.4 +0.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
TIPB	Shuangxi	1.43 356	eP	Pn	13 14 45.9 +1.1	JIJ	baz=15		S	Pn	13 15 19.9 -1.3	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
TIPB	baz=356		eS	Sn	13 15 03.5 +0.6	PNG	Penghu	2.19 271	eP	Pn	13 14 56.2 +1.1	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
SSD	Sandimen	1.44 237	eP	Pn	13 14 45.4 +0.6	PNG	baz=271		P	Pn	13 15 21.6 +0.2	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
SSD	baz=232		eS	Sn	13 15 03.6 +0.8	VCHM	Qimei	2.33 262	eP	Pn	13 14 57.8 +0.8	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WDJ	Dajia District	1.44 304	eP	Pb	13 14 46.4 0.0	VCHM	baz=262		eS	Sn	13 15 23.7 -1.2	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WDJ	baz=317		eS	Sn	13 15 04.5 +0.1	JISG	Ishigakijimahi	2.41 64	P	Sn	13 15 57.8 -0.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NMLH	Niitoli	1.45 314	eP	Pb	13 14 46.5 -0.1	JISG	baz=12		S	Sn	13 15 26.1 -0.7	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NMLH	baz=314		eS	Sn	13 15 03.8 +0.6	VWUC	VWUC	2.69 303	eP	Sn	13 15 02.4 +0.3	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
PTSB	Yuanli	1.45 309	eP	Pb	13 14 46.4 -0.3	VWUC	baz=303		eS	Sn	13 15 32.6 -1.3	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
PTSB	baz=309		eS	Sb	13 15 03.8 +0.7	JTJ	Tarama	2.75 66	P	Sn	13 15 04.0 +1.1	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WLTB	Daxi	1.45 335	eP	Pb	13 14 46.9 +0.1	JTJ	baz=15		S	Pn	13 15 35.5 +0.1	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WLTB	baz=346		eS	Sb	13 15 05.2 +0.4	PTTC	Pingtian	2.78 315	eP	Pn	13 15 03.5 +0.2	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NHHD	Xindian Distri	1.47 345	eP	Pn	13 14 46.5 +1.2	MATB	Ma-tsu	3.17 326	eP	Pn	13 15 08.7 0.0	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NHHD	baz=334		eS	Sn	13 15 03.4 -0.3	JIRB	Irabujima	3.22 66	eS	Sn	13 15 45.5 -1.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
TWA	Mucha	1.47 347	eP	Pn	13 14 46.8 +1.4	JMU2	Kyosojima3	3.32 68	eS	Sn	13 15 49.0 -0.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
TWA	baz=337		eS	Sn	13 15 04.4 +0.6	JIKM	Ikenajima	3.32 65	eS	Sn	13 15 48.3 -1.1	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
RLNB	Erlin	1.49 284	eP	Pb	13 14 47.4 +0.1	JIKM	Kinmen	3.32 286	eP	Sn	13 15 12.6 +1.9	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
RLNB	baz=273		eS	Sb	13 15 07.4 +1.5	QZH	Quanzhou	3.36 295	Pn	Pn	13 15 11.8 +0.5	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WLBG	Puzi	1.50 268	eP	Pb	13 14 47.6 0.0	QZH	baz=285		Sm	Sm	13 15 47.8 -2.5	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WLBG	baz=268		eS	Sb	13 15 07.1 +0.8	QZH	comp=N,150nm,0.2s		Sm	Sm		EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
MASBT	Mashibuluo	1.51 233	eP	Pn	13 14 46.3 +0.4	QZH	comp=E,120nm,0.3s		Sm	Sm		EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
MASBT	baz=229		eS	Sn	13 15 03.5 -1.2	KNMB	Chinmen Tao	3.38 287	eP	Pn	13 15 12.0 +0.5	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
CHN3	Shinhu	1.52 253	eP	Pb	13 14 48.9 +1.0	KNMB	baz=286		eP	Pn	13 15 12.0 +0.5	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
CHN3	baz=252		eS	Sb	13 15 10.0 +3.4	JOGS	Gusukube	3.40 68	P	Sn	13 15 12.6 +0.9	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
SBCB	SBCB	1.52 325	eP	Pb	13 14 48.3 +0.3	JOGS	baz=286		eS	Sn	13 15 50.8 -0.4	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
SBCB	baz=325		eS	Sb	13 15 07.0 +0.1	LYJJ	Jianjiangzhen	3.59 327	eP	Sn	13 15 14.8 +0.3	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
EAST	Anshuo	1.52 221	eP	Pn	13 14 45.5 -0.5	MHZO	Yeshan	3.67 315	eP	Pn	13 15 15.3 -0.2	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
LAY	Lan-yu	1.53 194	eP	Pn	13 14 45.0 -1.2	XPSS	Dashiqiu	3.73 335	eP	Pn	13 15 15.8 -0.5	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
LAY	baz=192		eS	Sn	13 15 01.9 -3.3	ZPLA	Ao Xicun	3.86 277	eP	Pn	13 15 18.4 +0.3	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NWF	Wu-fen Shan	1.54 355	eP	Pb	13 14 47.9 -0.3	AXDP	Jialang	3.87 291	eP	Pn	13 15 18.7 +0.0	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
NWF	baz=355		eS	Sn	13 15 06.3 +0.9	KRSR	Korea Array	14.79 19	Pn	P	13 17 53.6 0.0	EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WFSB	Wu-fen Shan	1.54 355	eP	Pb	13 14 47.5 +1.3	KRSR	comp=E,0.3nm,0.3s,ba=197,slow=11,SNR=9.3		P	P		EKS2	Erkin-Say	3.02 356	↑/eP	Pb	13 15 21.1 -2.6	
WFSB	baz=355		eS	Sn	13 15 06.5 +1.2	MKAR	M											

Table with columns: IUG, comp, Z, f, S, P, Pg, Pb, Lg, Pn, Sn, Sg, Pmax, Pmax. Rows include stations like Luzhny, Tashkent, Medeo, Karabastau, etc.

Table with columns: PDGK, comp, Z, f, S, P, Pmax, Pmax. Rows include stations like Nilore, Chaly, Talydyrgorhan, etc.

Table with columns: MXZ, Matakaoa Point, 18.20 196, P, P, 13 39 47.3 +0.3. Rows include stations like Urewera, Haurangi, etc.

TAP 28 13:14:29.7, 25:14N-119:21E, h40km, 1km, ML1.8, B, Near coast of southeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like VVUC, MHZO, KNMB, etc.

ISC 28 13:35:43.2, 3.1, 19:91Sx175:79W, h126km, 29km, mb3.9/10, mb1 4.0/12, mb1mx3.8/27, mbtmp4.3/12, Error ellipse: s-maj=25.0km s-min=14.9km az=136.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like NIUE, NIUE, etc.

ISC 28 13:35:45.6, 0.6, 20:15S, 0.1x175:56W, 0:07, h150km, n55, s144/46, mb4.8/24, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like NIUE, NIUE, etc.

ISC 28 13:36:28.2, 2.1, 1:75N, 126:34E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/29, mbtmp3.6/3, Error ellipse: s-maj=182.5km s-min=26.1km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like TNTI, TNTI, etc.

ISC 28 13:36:32.5, 1.4, 1:9N, 0.2x126:6E, 0.1, h35km, n13, s160/14, mb3.7/5, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like WRRB, WRRB, etc.

ISC 28 13:39:20.2, 9.9, 19:99Sx178:12W, h470km, 115km, mb3.1/9, mb1 3.4/9, mb1mx3.3/24, mbtmp3.9/9, Error ellipse: s-maj=55.2km s-min=32.1km az=169.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like WRRB, WRRB, etc.

ISC 28 13:39:26.1, 0.9, 20:45S, 0.2x178:1W, 0.1, h550km, n24, s129/23, mb3.9/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like CTAO, CTAO, etc.

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28d 14h

Table with columns: MTN, Station Name, Time, Res, etc. Includes stations like Manton Dam, Fitzroy Crossi, MORW Morawa, etc.

Table with columns: SIRI, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, GMB Gambarie, MCSR Castoreale, etc.

IDC 28 13:46:42.0, 2.1, 1.15N, 126.31E, h3km, mb3.6/3, mb1.3, 6/3, mb1mx3.4/30, mbtmp3.6/3, Error ellipse: s-maj=186.7km s-min=24.6km az=65.0

SIRI comp=E,328um,1.6s AML AML

PIPA comp=E,1036um,0.4s AML AML

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TATI Ternate, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: SIRA, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, NOV Novara, NOV Novara, etc.

LDG 28 14:00:03.5, 39.23N, 15.51E, h307km ROM 28 14:00:04.7, 0.2, 39.264N, 0.009, 15.35E, 0.02, h285km, 1km, ML3.8/1, Error ellipse: s-maj=1.6km s-min=0.7km az=103.0

SIRI comp=E,419um,1.1s AML AML

PIPA comp=N,1009um,0.4s AML AML

IDC 28 14:00:06.9, 0.9, 39.46N, 15.06E, h281km, 11km, mb3.5/17, mb1.3, 6/30, mb1mx3.4/46, mbtmp4.1/30, Error ellipse: s-maj=10.0km s-min=8.5km az=42.0

SIRI comp=N,1725um,0.6s AML AML

PIPA comp=N,1159um,0.7s AML AML

MOS 28 14:00:06.6, 0.9, 39.40N, 15.17E, h288km, mb3.9/11, Error ellipse: s-maj=7.4km s-min=5.0km az=87.2

SIRI comp=N,1270um,0.5s AML AML

PIPA comp=N,1160um,0.7s AML AML

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like IST3 Stromboli F, CET2 Cetraro, BULG Bulgheria - Ca, etc.

Table with columns: SIRA, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, MNO Monte Soro, MNO Monte Soro, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like T0702 Acquaformosa, CAR1 CAROLEI, CUC Castrolucco, etc.

Table with columns: SIRA, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, EPZF Pizzo Felice, EPZF Pizzo Felice, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like MMN Mormanno, MGR Morigerati, JOPP Joppolo, etc.

Table with columns: SIRA, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, GIB Gibilmanna, GIB Gibilmanna, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TDS Terranova Siba, MGR Morigerati, JOPP Joppolo, etc.

Table with columns: SIRA, Station Name, Time, Res, etc. Includes stations like SIRA, SIRA, SIRA, etc.

Table with columns: PIPA, Station Name, Time, Res, etc. Includes stations like PIPA, CAFE Carife, CAFE Carife, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CORL, SSS, VAGA, MEU, CLTB, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VTS, STAL, SALO, OBKA, MYKA, ARSA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LDF, GRR, AKASG, PAB, MVO, MDT, etc.

Table with columns: NIL, comp, pmax, pmax, WNT, Mingjian, baz, 0.76, 40, eP, Pg, 14 21 01.6 +0.4, WNT, Nilore, 46.28, 78, P, P, 14 08 06.0 +1.2, NR1K, Nori'sk, 47.62, 27, P, P, 14 08 15.6 +1.1, MK31, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.2, MK31, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.2, MKAR, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.4, SCHQ, Schefferville, 54.77, 315, P, P, 14 09 06.0 -1.6, SCHQ, Schefferville, 54.77, 315, I Amb, I Amb, 14 09 33.1, LMN, Caledonia Mnt, 56.96, 305, P, P, 14 09 21.9 -1.4, LMN, Caledonia Mnt, 56.96, 305, I Amb, I Amb, 14 09 30.9, BATG, Yachukut, 57.17, 307, P, P, 14 09 23.8 -0.9, YAK, Yachukut, 66.06, 28, I P, P, 14 10 25.3 +1.9, BOS, Bosho, 68.25, 171, P, P, 14 10 38.4 +0.7, BOS, Bosho, 68.25, 171, P, P, 14 10 38.2 +0.6, BILL, Bilibino, 70.73, 11, I P, P, 14 10 55.2 +3.0, BILL, Bilibino, 70.73, 11, ePP, pP, 14 11 57.6 +2.1, BILL, Bilibino, 70.73, 11, eS, SKSac, 14 13 42.2, BILL, Bilibino, 70.73, 11, pmax, pmax, 14 20 21.6 -5.2, YKA, Yellowknife Ar, 70.82, 338, P, P, 14 10 52.5 -0.3, CMAR, Chiang Mai Arr, 73.76, 79, P, P, 14 11 11.3 +0.4, DAWY, Dawson, 74.99, 349, P, P, 14 11 17.6 +0.4, ILAR, Eielson Array, 75.27, 352, P, P, 14 11 19.2 +0.5, SCRK, Sand Creek, 75.70, 351, P, P, 14 11 22.2 +0.9, SCRK, Sand Creek, 75.70, 351, I Amb, I Amb, 14 11 48.7, ECSD, EROS Data Cent, 76.96, 316, P, P, 14 11 28.0 -0.6, ECSD, EROS Data Cent, 76.96, 316, I Amb, I Amb, 14 11 28.6, PPLA, Purkeypile, 77.60, 354, P, P, 14 11 32.0 +0.1, MCARA, McCarthy VSAT, 78.07, 350, I Amb, I Amb, 14 11 34.9 +0.5, MCARA, McCarthy VSAT, 78.07, 350, I Amb, I Amb, 14 12 09.3, R40A, Maddies Statio, 78.11, 310, P, P, 14 11 34.7 -0.4, R40A, Maddies Statio, 78.11, 310, I Amb, I Amb, 14 12 34.6, SML, Sawmill, 78.32, 352, P, P, 14 11 36.1 +0.4, SML, Sawmill, 78.32, 352, I Amb, I Amb, 14 11 36.6, SKT, Skwentna, 78.45, 354, P, P, 14 11 35.8 -0.7, SKT, Skwentna, 78.45, 354, I Amb, I Amb, 14 11 54.8, S39A, Bolivar, 79.14, 310, P, P, 14 11 40.5 -0.2, S39A, Bolivar, 79.14, 310, I Amb, I Amb, 14 11 40.9, RAGM, Ragged Mountai, 79.26, 350, P, P, 14 11 43.6 +2.7, PETK, Petropavlovsk, 82.34, 22, P, P, 14 11 56.7 -0.5, PEDR, Pinedale Array, 84.19, 323, P, P, 14 12 06.5 -0.6, PEDR, Pinedale Array, 84.19, 323, I P, P, 14 12 06.5 -0.6, TXAR, Lajitas Array, 91.13, 310, P, P, 14 12 41.0 +0.7, TXAR, Lajitas Array, 91.13, 310, P, P, 14 12 41.0 +0.7

TAP 28 14:20:46.5,23:29N:120:15E,h8km,ML2.1,1C,B,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CHN8, Yiju, 0.08, 50, I P, 14 20 49.5 +0.9, CHN8, Yiju, 0.08, 50, I S, 14 20 51.2 +1.1, SCLT, Jiali, 0.13, 159, I P, 14 20 50.3 +1.0, WLBG, Puzi, 0.23, 38, eP, 14 20 51.9 +0.7, TAI1, Yung-k'ang, 0.26, 163, P, 14 20 53.2 -0.3, TAI1, Yung-k'ang, 0.26, 163, S, 14 20 57.1 -1.1, CHN3, Shinhua, 0.30, 137, P, 14 20 53.9 -0.2, CHN3, Shinhua, 0.30, 137, eS, 14 20 54.0 -0.8, CHY, Chiayi, 0.33, 52, P, 14 20 54.0 -0.7, CHY, Chiayi, 0.33, 52, eS, 14 20 59.6 -0.5, SNST, Tainan City, 0.33, 103, eP, 14 20 54.6 -0.1, SNST, Tainan City, 0.33, 103, S, 14 20 59.9 -0.4, CHN1, Nanshi, 0.37, 107, P, 14 20 54.4 +0.6, CHN1, Nanshi, 0.37, 107, I S, 14 21 00.8 -0.5, WTP, Ta-pu, 0.43, 96, I P, 14 20 56.4 -0.1, WTP, Ta-pu, 0.43, 96, I S, 14 21 03.5 +0.3, TPUB, Ta-pu, 0.45, 89, P, 14 20 56.0 +0.7, TPUB, Ta-pu, 0.45, 89, eS, 14 21 03.5 0.0, WDGJ, Tungji, 0.45, 266, P, 14 20 56.4 -0.3, WDGJ, Tungji, 0.45, 266, S, 14 21 03.7 +0.2, SGST, Jiashian, 0.46, 118, eP, 14 20 56.6 -0.3, SGST, Jiashian, 0.46, 118, S, 14 21 03.2 -0.5, WDLH, Douliu, 0.53, 42, eP, 14 20 58.9 +0.7, WDLH, Douliu, 0.53, 42, eS, 14 21 06.5 +0.4, WDK, Gukeng, 0.55, 44, eP, 14 20 57.9 -0.5, WDK, Gukeng, 0.55, 44, eS, 14 21 07.0 +0.5, SLGT, Liugui, 0.55, 123, eP, 14 20 58.9 +0.4, SLGT, Liugui, 0.55, 123, eS, 14 21 06.0 -0.5, PHUB, Peng-hu, 0.57, 293, eP, 14 20 59.0 +0.2, PHUB, Peng-hu, 0.57, 293, eS, 14 21 07.0 -0.1, CHN5, Tsauling, 0.57, 58, P, 14 20 59.0 +0.1, CHN5, Tsauling, 0.57, 58, S, 14 21 07.2 -0.2, STYT, Tauyuan, 0.58, 103, eP, 14 20 58.9 -0.1, STYT, Tauyuan, 0.58, 103, S, 14 21 08.1 +0.7, WTCT, Ta-ch'eng, 0.58, 12, S, 14 21 07.2 -0.3, PNG, Penghu, 0.61, 297, P, 14 20 58.9 -0.6, PNG, Penghu, 0.61, 297, S, 14 21 08.1 0.0, RLNB, ErIn, 0.63, 18, eS, 14 21 09.4 +0.7, RLNB, ErIn, 0.63, 18, eS, 14 21 09.4 +0.7, ALS, Alishan, 0.64, 70, I P, 14 21 00.3 +0.1, ALS, Alishan, 0.64, 70, P, 14 21 10.1 +0.6, SGLT, Jiouru, 0.65, 151, eS, 14 21 09.9 +0.5, VCHM, Oimei, 0.66, 263, P, 14 21 00.3 -0.1, VCHM, Oimei, 0.66, 263, S, 14 21 09.9 +0.1, KAU, Kaoshiung, 0.74, 168, eP, 14 21 01.9 +0.3, KAU, Kaoshiung, 0.74, 168, eS, 14 21 12.7 +0.8, WHYT, Xinyi Township, 0.76, 58, eP, 14 21 02.4 +0.3, WHYT, Xinyi Township, 0.76, 58, eP, 14 21 02.4 +0.3

Table with columns: WNT, Mingjian, baz, 0.76, 40, eP, Pg, 14 21 01.6 +0.4, WNT, Nilore, 46.28, 78, P, P, 14 08 06.0 +1.2, NR1K, Nori'sk, 47.62, 27, P, P, 14 08 15.6 +1.1, MK31, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.2, MK31, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.2, MKAR, Makanchi Array, 48.19, 58, P, P, 14 08 19.4 +0.4, SCHQ, Schefferville, 54.77, 315, P, P, 14 09 06.0 -1.6, SCHQ, Schefferville, 54.77, 315, I Amb, I Amb, 14 09 33.1, LMN, Caledonia Mnt, 56.96, 305, P, P, 14 09 21.9 -1.4, LMN, Caledonia Mnt, 56.96, 305, I Amb, I Amb, 14 09 30.9, BATG, Yachukut, 57.17, 307, P, P, 14 09 23.8 -0.9, YAK, Yachukut, 66.06, 28, I P, P, 14 10 25.3 +1.9, BOS, Bosho, 68.25, 171, P, P, 14 10 38.4 +0.7, BOS, Bosho, 68.25, 171, P, P, 14 10 38.2 +0.6, BILL, Bilibino, 70.73, 11, I P, P, 14 10 55.2 +3.0, BILL, Bilibino, 70.73, 11, ePP, pP, 14 11 57.6 +2.1, BILL, Bilibino, 70.73, 11, eS, SKSac, 14 13 42.2, BILL, Bilibino, 70.73, 11, pmax, pmax, 14 20 21.6 -5.2, YKA, Yellowknife Ar, 70.82, 338, P, P, 14 10 52.5 -0.3, CMAR, Chiang Mai Arr, 73.76, 79, P, P, 14 11 11.3 +0.4, DAWY, Dawson, 74.99, 349, P, P, 14 11 17.6 +0.4, ILAR, Eielson Array, 75.27, 352, P, P, 14 11 19.2 +0.5, SCRK, Sand Creek, 75.70, 351, P, P, 14 11 22.2 +0.9, SCRK, Sand Creek, 75.70, 351, I Amb, I Amb, 14 11 48.7, ECSD, EROS Data Cent, 76.96, 316, P, P, 14 11 28.0 -0.6, ECSD, EROS Data Cent, 76.96, 316, I Amb, I Amb, 14 11 28.6, PPLA, Purkeypile, 77.60, 354, P, P, 14 11 32.0 +0.1, MCARA, McCarthy VSAT, 78.07, 350, I Amb, I Amb, 14 11 34.9 +0.5, MCARA, McCarthy VSAT, 78.07, 350, I Amb, I Amb, 14 12 09.3, R40A, Maddies Statio, 78.11, 310, P, P, 14 11 34.7 -0.4, R40A, Maddies Statio, 78.11, 310, I Amb, I Amb, 14 12 34.6, SML, Sawmill, 78.32, 352, P, P, 14 11 36.1 +0.4, SML, Sawmill, 78.32, 352, I Amb, I Amb, 14 11 36.6, SKT, Skwentna, 78.45, 354, P, P, 14 11 35.8 -0.7, SKT, Skwentna, 78.45, 354, I Amb, I Amb, 14 11 54.8, S39A, Bolivar, 79.14, 310, P, P, 14 11 40.5 -0.2, S39A, Bolivar, 79.14, 310, I Amb, I Amb, 14 11 40.9, RAGM, Ragged Mountai, 79.26, 350, P, P, 14 11 43.6 +2.7, PETK, Petropavlovsk, 82.34, 22, P, P, 14 11 56.7 -0.5, PEDR, Pinedale Array, 84.19, 323, P, P, 14 12 06.5 -0.6, PEDR, Pinedale Array, 84.19, 323, I P, P, 14 12 06.5 -0.6, TXAR, Lajitas Array, 91.13, 310, P, P, 14 12 41.0 +0.7, TXAR, Lajitas Array, 91.13, 310, P, P, 14 12 41.0 +0.7

TAP 28 14:20:48.0,23:34N:120:13E,h2km,ML2.3,B,Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, CHN8, Yiju, 0.07, 85, I P, 14 20 50.1 +0.7, CHN8, Yiju, 0.07, 85, I S, 14 20 52.4 +1.9, SCLT, Jiali, 0.17, 161, P, 14 20 52.6 +1.2, SCLT, Jiali, 0.17, 161, S, 14 20 56.0 +2.4, SCLT, Jiali, 0.17, 161, I S, 14 20 52.6 +1.2, WLBG, Puzi, 0.21, 48, eP, 14 20 52.6 +0.6, WLBG, Puzi, 0.21, 48, S, 14 20 57.0 +2.3, WLBG, Puzi, 0.21, 48, eS, 14 20 56.8 +2.1, WSF, Szu, 0.31, 15, eP, 14 20 55.0 +1.0, WSF, Szu, 0.31, 15, I S, 14 21 01.2 -0.6, CHY, Chiayi, 0.31, 60, eP, 14 20 55.8 -0.5, CHY, Chiayi, 0.31, 60, eS, 14 21 01.2 -0.6, TAI1, Yung-k'ang, 0.31, 164, eP, 14 20 55.7 -0.6, CHN3, Shinhua, 0.34, 141, P, 14 20 56.3 -0.3, SNST, Tainan City, 0.36, 110, eP, 14 20 56.9 -0.2, SNST, Tainan City, 0.36, 110, eS, 14 21 02.8 -0.4, CHN1, Nanshi, 0.40, 113, P, 14 20 57.6 -0.1, WDGJ, Tungji, 0.44, 260, P, 14 20 58.5 -0.1, WDGJ, Tungji, 0.44, 260, S, 14 21 05.4 -0.2, WTP, Ta-pu, 0.45, 102, I P, 14 20 58.6 -0.1, WTP, Ta-pu, 0.45, 102, S, 14 21 06.7 +0.7, TPUB, Ta-pu, 0.46, 95, P, 14 20 58.5 -0.3, TPUB, Ta-pu, 0.46, 95, S, 14 21 06.6 +0.5, SGST, Jiashian, 0.49, 122, P, 14 20 58.7 -0.6, SGST, Jiashian, 0.49, 122, S, 14 21 07.3 +0.3, WDLH, Douliu, 0.51, 47, eS, 14 21 08.0 +0.4, WDK, Gukeng, 0.52, 49, eP, 14 20 59.7 -0.3, WDK, Gukeng, 0.52, 49, S, 14 21 07.8 -0.2, WTCT, Ta-ch'eng, 0.54, 15, eP, 14 21 00.2 0.0, WTCT, Ta-ch'eng, 0.54, 15, eP, 14 21 00.2 0.0

EAF 28 14:33:18.7±2.4,18:33S:30:79E,h10km,MD3.5,

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, BLWY, Bulawayo, 2.73, 228, I P, 14 34 03.2 +0.3, BLWY, Bulawayo, 2.73, 228, I S, 14 34 36.3 +0.2, BLWY, Bulawayo, 2.73, 228, I P, 14 34 03.2 +0.3, BLWY, Bulawayo, 2.73, 228, I S, 14 34 36.3 +0.2, MATP, Matopo, 3.00, 226, I P, 14 34 04.7 -1.8, MATP, Matopo, 3.00, 226, I S, 14 34 39.2 -3.4, MATP, Matopo, 3.00, 226, I P, 14 34 04.7 -1.8, MATP, Matopo, 3.00, 226, I S, 14 34 39.2 -3.4, LSZ, Lusaka, 3.92, 320, I P, 14 34 19.8 +0.6, LSZ, Lusaka, 3.92, 320, I S, 14 35 01.8 -3.6, LSZ, Lusaka, 3.92, 320, I P, 14 34 19.8 +0.6, LSZ, Lusaka, 3.92, 320, I S, 14 35 01.8 -3.6, MOS 28 14:36:10.6±1.0,37:09N:142:67E,h11km,mb4.4/11, Error ellipse: s-maj=10.6km s-min=6.6km az=90.8, IDC 28 14:36:11.3±0.7,37:02N:142:53E,h8km,mb3.9/14, mb1.4/18,mb1mx0.4/34,mbtmp3.9/18,ML4.2/2,MS2.5/3, Ms1.2/5,ms1mx2.3/39, Error ellipse: s-maj=18.2km s-min=15.6km az=124.0, NEIC 28 14:36:12.5±1.9,37:02N:142:66E,0:1,h10km,1km, mb4.5/13, Error ellipse: s-maj=15.4km s-min=10.7km az=100.0, JMA 28 14:36:12.7±0.3,37:10N:142:45E,h18km,5km, M4.2, NIED 28 14:36:12.8,37:10N:142:45E,h18km,MW3.9,Moment

Table with columns: Tensor Solution, s3, Moment tensor, Scale 10^14Nm, Min:6.58; Mw:4.45; Mw:2.13; Mw:1.51; Mw:3.60; Mw:0.23; Fault plane solution: M7.01000x10^14 NP1.φ:63.00000°, δ50.00000°, λ:-78.00000°. NP2.φ:224.00000°, δ41.00000°, λ:-105.00000°. ISC 28 14:36:12.6±2.3,37.08N:105:142:58E±0.05,h11km±14km, m8b,±197/99,mb4.2/30,7C-3D, Off east coast of Honshu, Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, JFK, Kawauchi, 1.39, 282, P, 14 36 56.6 -2.5, JFK, Kawauchi, 1.39, 282, eS, 14 36 52.2 -4.3, ONAJ, Iwakimizuishiy, 1.43, 271, P, 14 36 36.4 -2.2, JMS1, Minamimatomoc, 1.49, 296, P, 14 36 37.2 -2.2, JMS1, Minamimatomoc, 1.49, 296, eS, 14 36 55.1 -3.8, JIKH, Ishinomakikobu, 1.51, 324, P, 14 36 37.5 -1.8, JIKH, Ishinomakikobu, 1.51, 324, eS, 14 36 56.6 -2.8, JFFD, Fukushimafurud, 1.62, 271, P, 14 36 38.6 -2.6, JFFD, Fukushimafurud, 1.62, 271, eS, 14 36 58.2 -3.8, JMM, Marumori, 1.62, 299, P, 14 36 39.2 -2.0, JIO, Ori, 1.68, 325, P, 14 36 40.6 -1.4, JIO, Ori, 1.68, 325, eS, 14 37 00.3 -3.3, JFT, Otama, 1.84, 284, P, 14 36 43.2 -1.1, JJO, Okura, 1.99, 311, P, 14 36 45.4 -0.9, JMK, Ichinoseki, 2.15, 330, P, 14 36 48.3 -0.2, JMS, Shirataka, 2.30, 300, eS, 14 37 13.8 -1.4, JFY, Yanaizu, 2.32, 279, P, 14 36 50.5 0.0, JYK, Kaneyama, 2.54, 317, P, 14 36 50.9 +0.1, JOM, Ohasama, 2.59, 337, P, 14 36 53.5 -0.3, JAG, Ashikaga, 2.60, 256, P, 14 36 54.6 0.0, BSO1, Boso I, 2.75, 209, P, 14 36 55.3 -1.1, MJAR, Matsushiro Arr, 3.55, 263, P, 14 36 56.4 +0.1, MJAR, Matsushiro Arr, 3.55, 263, LR, 14 37 07.7 0.0, MAJO, Matsushiro, 3.55, 263, I P, 14 37 08.5 +0.7, MAJO, Matsushiro, 3.55, 263, P, 14 37 08.4 +0.7, MAT, Matsushiro, 3.55, 263, P, 14 37 08.6 +0.8, MAT, Matsushiro, 3.55, 263, eS, 14 37 52.4 +2.6, MJB9, Matsu-Tunnel, 3.56, 263, P, 14 37 08.6 +0.8, JHJ2, Mitsune, 4.56, 211, Pn, 14 37 20.9 -0.7, JHJ, Hachiojima 2, 4.57, 211, Pn, 14 37 20.6 -1.2, JHJ, Hachiojima 2, 4.57, 211, S, 14 38 10.6 -4.4, INU, Inuyama, 4.82, 251, Pn, 14 37 26.5 +1.3, ERM, Erimo, 4.95, 5ceP, pmax, 14 37 26.8 -0.1, ERM, Erimo, 4.95, 5, Pn, 14 37 26.6 -0.3, NMR, Nemuro-Hokkai, 7.02, 20, I P, 14 37 49.4 -1.8, NMR, Nemuro-Hokkai, 7.02, 20, I S, 14 39 02.9 -4.9, JKA, Kamikawa-asahi, 7.03, 0, Pn, 14 37 55.5 +0.1, JKA, Kamikawa-asahi, 7.03, 0, Pn, 14 39 11.6 -3.7, ASAJ, Asahikawa, 7.03, 0, Pn, 14 37 55.8 +0.4, ASAJ, Asahikawa, 7.03, 0, LR, 14 39 11.6 -3.7, ASAJ, Asahikawa, 7.03, 0, LR, 14 40 58.8, GRPR, Tuman, 7.32, 18, eP, 14 37 58.1 -1.3, GRPR, Tuman, 7.32, 18, S, 14 39 18.6 -3.8, YUK, Yuzh-Kuril'sk, 7.38, 19, dI P, 14 37 58.5 -1.8, YUK, Yuzh-Kuril'sk, 7.38, 19, eS, 14 39 19.3 -4.6, YUK, Yuzh-Kuril'sk, 7.38, 19, pmax, pmax, 14 39 19.3 -4.6, YUK, Yuzh-Kuril'sk, 7.38, 19, pmax, pmax, 14 39 19.3 -4.6, YUK, Yuzh-Kuril'sk, 7.38, 19, pmax, pmax, 14 39 19.3 -4.6, KUR, Kuril'sk, 9.06, 24, P, 14 38 24.4 +1.1, KUR, Kuril'sk, 9.06, 24, S, 14 40 02.0 -3.3, KUR, Kuril'sk, 9.06, 24, smax, smax, 14 40 02.0 -3.3, KUR, Kuril'sk, 9.06, 24, smax, smax, 14 40 02.0 -3.3, YSS, Yuzh-Sakhalins, 9.86, 11, I P, 14 38 34.9 +0.5, YSS, Yuzh-Sakhalins, 9.86, 11, eS, 14 40 20.9 -4.1, YSS, Yuzh-Sakhalins, 9.86, 11, pmax, pmax, 14 40 20.9 -4.1, YSS, Yuzh-Sakhalins, 9.86, 11, MLR, MLR, 14 40 20.9 -4.1, YSS, Yuzh-Sakhalins, 9.86, 11, Pn, 14 38 34.8 +0.5, USRK, Ussuriysk Ar, 10.73, 315, Pn, 14 38 49.9 +3.6, USRK, Ussuriysk Ar, 10.73, 315, Pn, 14 38 49.9 +3.6, KSRS, Korea Array, 11.69, 276, Pn, 14 39 01.2 +1.8, KSRS, Korea Array, 11.69, 276, LR, 14 43 21.4, YAK, Yakutsk, 26.23, 346, I P, 14 41 46.9 -0.5, YAK, Yakutsk, 26.23, 346, pmax, pmax, 14 41 46.9 -0.5, H11N2, WAKE ISLAND Hy 27.38, 122, T, 15 10 52.8, H11N1, WAKE ISLAND Hy 27.39, 123, T, 15 10 53.3, H11N3, WAKE ISLAND Hy 27.39, 122, T, 15 10 55.1, ULN, Ulaanbaatar, 28.10, 304, ceP, 14 42 06.3 +1.7, ULN, Ulaanbaatar, 28.10, 304, pmax, pmax, 14 42 06.3 +1.7, H11S1, WAKE ISLAND Hy 28.11, 125, T, 15 11 49.8, H11S2, WAKE ISLAND Hy 28.11, 125, T, 15 11 50.3, H11S3, WAKE ISLAND Hy 28.11, 125, T, 15 11 50.3, H11S2, WAKE ISLAND Hy 28.12, 125, T, 15 11 52.7, ENH, Enshi, 28.27, 266, P, 14 42 05.4 -0.7, ENH, Enshi, 28.27, 266, I Amb, I Amb, 14 42 15.7, SONM, Songrio Array, 28.54, 304, P, 14 42 08.2 -0.2, SONM, Songrio Array, 28.54, 304, P, 14 42 08.2 -0.2, BILL, Bilibino, 33.72, 161, eP, 14 42 55.0 +1.4, BILL, Bilibino, 33.72, 161, eS, 14 48 22.1 +5.6, BILL, Bilibino, 33.72, 161, pmax, pmax, 14 48 22.1 +5.6, BILL, Bilibino, 33.72, 161, MLR, MLR, 14 48 22.1 +5.6, DGZ, Jazator, Alta, 41.12, 306, I P, 14 43 57.0 +0.2, DGZ, Jazator, Alta, 41.12, 306, pmax, pmax, 14 43 57.0 +0.2, ZAAO, Zalesovo Array, 42.57, 312, P, 14 44 06.8 -1.5, ZALV, Zalesovo Beam, 42.57, 312, P, 14 44 08.6 +0.3, ZALV, Zalesovo Beam, 42.57, 312, I P, 14 44 08.6 +0.3, ZALV, Zalesovo Beam, 42.57, 312, pmax, pmax, 14 44 08.6 +0.3, MK31, Makanchi Array, 44.88, 302, P, 14 44 27.0 -0.1, MK31, Makanchi Array, 44.88, 302, pmax, pmax, 14 44 27.0 -0.1, MK31, Makanchi Array, 44.88, 302, P, 14 44 27.0 -0.1, MKAR, Makanchi Array, 44.88, 302, P, 14 44 27.2 +0.1, MKAR, Makanchi Array, 44.88, 302, P, 14 44 27.2 +0.1, MAKZ, Makanchi, 45.09, 302, P, 14 44 28.7 -0.1, MAKZ, Makanchi, 45.09, 302, pmax, pmax, 14 44 28.7 -0.1, MAKZ, Makanchi, 45.09, 302, P, 14 44 28.6 -0.1, MAKZ, Makanchi, 45.09, 302, I Amb, I Amb, 14 44 38.5, KDAK, Kodiak Island, 46.44, 42, P, 14 44 39.7 +0.5, KDAK, Kodiak Island, 46.44, 42, pmax, pmax, 14 44 39.7 +0.5, KDAK, Kodiak Island, 46.44, 42, P, 14 44 39.7 +0.5, KURK, Kurchatov, 46.44, 308, ceP, 14 44 41.2 +0.4, KURK, Kurchatov, 46.44, 308, pmax, pmax, 14 44 41.2 +0.4, KURK, Kurchatov, 46.44, 308, P, 14 44 40.7 -0.2, RND, Reindeer, 48.11, 34, P, 14 44 53.2 +1.0, RND, Reindeer, 48.11, 34, pmax, pmax, 14 44 53.2 +1.0, RND, Reindeer, 48.11, 34, P, 14 44 53.2 +1.0, RND, Reindeer, 48.11, 34, I Amb, I Amb, 14 44 53.8, RND, Reindeer, 48.11, 34, P, 14 44 56.0 -1.6, RND, Reindeer, 48.11, 34, I Amb, I Amb, 14 44 58.5, IL31, 48.95, 32, P, 14 44 59.5 +1.0, IL31, 48.95, 32, P, 14 44 59.5 +1.0

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like DGZ, GKN, DANN, KOLN, MK31, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like NRIK, WRAB, WRAB, WRA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like OBN, FINES, RES, AKASG, etc.

INET 28 15:13:47.2, 11:31N-85:49W, h187km, ML2.9 UCR 28 15:13:47.9, 12:11N-85:54W, h183km, 3km, MD3.8, 2C, Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Lists stations like BUAI, BUEV, GBS3, etc.

ARE 28 15:26:36.1, 8.4:97S:0.07:79:5W:0.1, h92km, 5km, ML4.7, mb4.4/26(NEIC), Error ellipse: s-maj=16.2km s-min=9.5km az=76.0

ICD 28 15:26:37.4, 1.9:4:93S:79:38W, h98km, 18km, mb3.5/11, mb1 3.7/15, mb1mx2.6/41, mbtmp4.0/15, MS3.2/4, MS1 3.2/4, ms1mx2.8/23, Error ellipse: s-maj=21.9km s-min=15.7km az=77.0

NEIC 28 15:26:38.2, 1.3:4:94S:0.07:79:3W:0.1, h108km, 6km, Error ellipse: s-maj=18.3km s-min=9.0km az=74.0

IGQ 28 15:26:39.8, 1.3:5:10:0:8:0W:1, h62km, M4.6 VAO 28 15:27:02.7, 1.3:5:16S:76:47W, h10km, mb4.6

ISC 28 15:26:36.9, 0.5:5:00S:0.05:79:41W:0.07, h100km, n83, i1568/82, mb4.0/13, Northern Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Lists stations like GONZ, MCRA, ARNL, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GSMV Great Sitkin M, KOKL Mount Ključef, ATKA Atka Island, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GSC Goldstone, RDMU Red Mountain, KNB Kanab, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IMW Indian Meadow, TORO Torodi Arr, YKA Yellowknife Arr, etc.

JMA 28 16:26:59.2, 0.2, 28.08N, 127.98E, h13km, 2km, M3.6
NIED 28 16:26:59.3, 28.08N, 127.98E, h13km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

Table with columns: Code, Station Name, Az, Alt, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOKE Okinoerabujima, JTK Tokunoshima, etc.

IDC 28 16:27:08.2, 1.5, 53.58N, 154.18E, h518km, 66km, mb2.7/4,
mb1 2.9/5, mb1mx2.5/61, mbmp3.5/5, Error ellipse:
s-maj=195.7km s-min=24.6km az=58.0, Sea of Okhotsk

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

IDC 28 16:58:22.7, 6.0, 16.16N, 98.63W, h0km, mb3.6/4,

mb1 4.0/6.6, mb1mx3.8/33, mbtmp3.7/6, ML3.5/2, MS2.7/4, Ms1 2.7/4, ms1mx2.5/33, Error ellipse: s-maj=120.7km s-min=29.1km az=10.0

mb4.5/11, Error ellipse: s-maj=20.0km s-min=13.0km az=134.0
IDC 28 17:14:22.84.4.4, 25:04S:179:16E, h545km, 48km, mb3.2/9, mb1 3.4/10, mb1mx3.2/29, mbtmp4.2/10, Error ellipse: s-maj=33.5km s-min=25.9km az=16.0

comp=E,84nm,10.8s LR LR
WMQ comp=Z,7.4nm,12.1s URumqi 18.51 317 eP Pn 17 31 47.8 +1.1

ISC 28 16:58:22.9.1.6, 16:17N:0.06:96.67W:0.04, h5km, 10km, n61, c190772, mb3.9/4, Near coast of Guerrero

ISC 28 17:13:43.7.0.7, 36:39N:137:21E, h265km, 7km, mb3.0/2, mb1 3.3/8, mb1mx2.9/43, mbtmp4.0/8, Error ellipse: s-maj=23.3km s-min=12.5km az=64.0

JMA 28 17:43:24.1.0.1, 36:30N:137:17E, h263km, 1km, M2.6
ISC 28 17:43:23.7.1.0, 36:36N:137:17E, h263km, 1km, M2.6

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

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

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

MAN 28 17:00:39.7.7, 10N:123:67E, h42km, MS3.6
IDC 28 17:00:49.3.2.3, 5.41N:123:96E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/29, mbtmp4.0/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/31, Error ellipse: s-maj=27.5km s-min=27.4km az=63.0

MEX 28 17:25:01.3.0.4, 14:12N:92:17W, h38km, 24km, MD3.4
CGC 28 17:25:03.6.0.3, 14:26N:91:88W, h70km, 8km, MD3.1

NEIC 28 17:46:58.4.0.8, 53:39N:0.07:163.99W:0.08, h52km, 9km, ML2.5/2.4, Error ellipse: s-maj=10.6km s-min=4.6km

ISC 28 17:00:54.0.1.3, 5.4N:0.1:124.0E:0.1, h35km, n7, c3903/7, mb3.9/4, 1C, Mindanao

ISC 28 17:25:01.3.2.7, 14:3N:0.1:92:11W:0.09, h30km, 17km, n6, c1942/11, Near coast of Chiapas

NEIC 28 17:46:58.0.8, 53:39N:0.07:163.99W:0.08, h52km, 9km, ML2.5/2.4, Error ellipse: s-maj=10.6km s-min=4.6km

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

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

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

NEIC 28 17:42:50.1.7, 24:9S:0.1:179.3E:0.1, h52km, 9km, ML2.5/2.4, Error ellipse: s-maj=10.6km s-min=4.6km

BUI 28 17:27:31.1.0.0, 31:45N:105:18E, h17km, ML3.6/20, Ms3.4/6, Ms7 3.1/3, 1C, Sichuan

JMA 28 18:20:38.1.0.2, 37:24N:142:20E, h25km, M2.9
IDC 28 18:20:41.3.7.1, 36:77N:141:24E, h263km, 73km, mb2.8/2, mb1 2.9/3, mb1mx2.6/40, mbtmp3.2/3, Error ellipse: s-maj=154.6km s-min=90.4km az=106.0

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

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

ISC 28 18:20:35.7.2.6, 37:22N:0.07:142.2E:0.1, h9km, 12km, n15, c1928/23, Off east coast of Honshu

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

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

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

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

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

JMA 28 18:21:18.7.0.2, 28:11N:128:01E, h12km, 3km, M3.1
ISC 28 18:21:17.7.2.7, 28:12N:0.08:128.0E:0.1, h17km, 14km, n12, c1922/19, Northwest of Ryukyu Islands

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes entries for JOKE, JTK, JAMN, etc.

NEIC 28 18:38:15.8: 1.1, 16:22S:0.05:72:1W:0.1, h143km, 13km, mb4.0/2, Error ellipse: s-maj=17.3km s-min=1.6km az=63.0

IDC 28 18:38:16.0: 1.8, 16:10S:1.71:91W, h135km, 18km, mb3.5/3, mb1 3.7/8, mb1mx3.5/3, mbtmp4.1/8, Error ellipse: s-maj=27.3km s-min=21.8km az=21.0

VAO 28 18:38:20.4: 2.5, 15:71S:71.60W, h164km, 10km, mb3.8

ISC 28 18:38:14.8: 0.7, 16:04S:0.06:71.94W:0.07, h150km, n42, s177/45, mb3.4/3, Southern Peru

Main table for station data, including codes like AP01, PB12, LPAZ, etc., with station names and various parameters.

IDC 28 18:49:09.5: 0.6, 20:58S:174.30W, h0km, mb4.4/22, mb1 4.5/23, mb1mx4.4/38, mbtmp4.3/23, ML4.7/1, MS3.9/24, Ms1 3.9/24, ms1mx3.8/34, Error ellipse: s-maj=20.5km s-min=14.7km az=138.0

NEIC 28 18:49:09.7: 2.7, 20:55S:0.1:174.14W:0.10, h10km, 1km, mb4.9/69, Error ellipse: s-maj=18.5km s-min=15.0km az=155.0

GCMT 28 18:49:15.7: 0.4, 20:64S:0.05:173.73W:0.03, h28km, MW4.9/64, Moment Tensor Solution, s28, c38; s64, c76; Duration: 0 Moment tensor: Scale 10^18Nm; M2: 7.3e+08; Mw: 0.59; 14; Mw: 2.14; 13; Mw: 0.72; 26; Mw: 0.75; 08; Mw: 0.70; 18; Best double couple: M2: 772000.10^16; NP1: 196.00000; 3.61.00000; 1.73.00000; NP2: 6.30.00000; 6.55.00000; 1.98.00000; Principal axes: T: 2.9380, P1g78.0000, Azm328.0000; N: -0.3370, P1g7.0000, Azm205.0000; P: -2.6060, P1g10.0000; Azm114.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 18:49:11.0: 0.4, 20:65S:0.07:174.29W:0.09, h10km, n141, s179/122, mb4.8/52, MS4.0/23, 2C-1D, Tonga Islands

Main table for station data, including codes like NIUE, AFI, AFJ, etc., with station names and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes entries for TBI, TBI, PPT2, etc.

NEIC 28 18:38:15.8: 1.1, 16:22S:0.05:72:1W:0.1, h143km, 13km, mb4.0/2, Error ellipse: s-maj=17.3km s-min=1.6km az=63.0

IDC 28 18:38:16.0: 1.8, 16:10S:1.71:91W, h135km, 18km, mb3.5/3, mb1 3.7/8, mb1mx3.5/3, mbtmp4.1/8, Error ellipse: s-maj=27.3km s-min=21.8km az=21.0

VAO 28 18:38:20.4: 2.5, 15:71S:71.60W, h164km, 10km, mb3.8

ISC 28 18:38:14.8: 0.7, 16:04S:0.06:71.94W:0.07, h150km, n42, s177/45, mb3.4/3, Southern Peru

Main table for station data, including codes like TBI, PPT2, PPT, etc., with station names and various parameters.

IDC 28 18:49:09.5: 0.6, 20:58S:174.30W, h0km, mb4.4/22, mb1 4.5/23, mb1mx4.4/38, mbtmp4.3/23, ML4.7/1, MS3.9/24, Ms1 3.9/24, ms1mx3.8/34, Error ellipse: s-maj=20.5km s-min=14.7km az=138.0

NEIC 28 18:49:09.7: 2.7, 20:55S:0.1:174.14W:0.10, h10km, 1km, mb4.9/69, Error ellipse: s-maj=18.5km s-min=15.0km az=155.0

GCMT 28 18:49:15.7: 0.4, 20:64S:0.05:173.73W:0.03, h28km, MW4.9/64, Moment Tensor Solution, s28, c38; s64, c76; Duration: 0 Moment tensor: Scale 10^18Nm; M2: 7.3e+08; Mw: 0.59; 14; Mw: 2.14; 13; Mw: 0.72; 26; Mw: 0.75; 08; Mw: 0.70; 18; Best double couple: M2: 772000.10^16; NP1: 196.00000; 3.61.00000; 1.73.00000; NP2: 6.30.00000; 6.55.00000; 1.98.00000; Principal axes: T: 2.9380, P1g78.0000, Azm328.0000; N: -0.3370, P1g7.0000, Azm205.0000; P: -2.6060, P1g10.0000; Azm114.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 18:49:11.0: 0.4, 20:65S:0.07:174.29W:0.09, h10km, n141, s179/122, mb4.8/52, MS4.0/23, 2C-1D, Tonga Islands

Main table for station data, including codes like MJAR, MAJO, MAJU, etc., with station names and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes entries for MAW, H03S2, H03S1, etc.

IDC 28 18:49:52.6: 3.1, 6:43S:154.38E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/36, mbtmp3.5/3, Error ellipse: s-maj=109.5km s-min=35.8km az=117.0, Bougainville-Solomon Islands Region

NEIC 28 19:01:31.7: 0.5, 37:01N:142.35E, h0km, mb4.1/21, mb1 4.2/29, mb1mx4.0/78, mbtmp4.1/29, ML3.8/6, MS3.6/13, Ms1 3.6/13, ms1mx3.3/39, Error ellipse: s-maj=14.6km s-min=12.5km az=108.0

JMA 28 19:01:32.0: 2.3, 37:05N:142.44E, h13km, 4km, M4.4 JMA Felt J1

NIED 28 19:01:32.7: 0.5N:142.44E, h13km, MW4.2 Moment Tensor Solution, S3 Moment tensor: Scale 10^18Nm; M2: 1.3; Mw: 1.84; Mw: 2.9; Mw: 7.9; Mw: 0.65; Mw: 1.08; Fault plane solution: M2: 49000.10^16; NP1: 6.24.00000; 3.61.00000; 1.06.00000; NP2: 6.84.00000; 8.33.00000; 1.64.00000; MOS 28 19:01:35.7: 1.5, 37:19N:142.44E, h36km, mb4.6/7 Error ellipse: s-maj=9.3km s-min=5.8km az=94.5

NEIC 28 19:01:37.1: 2.2, 36:99N:0.08:142.5E:0.1, h33km, 5km, mb4.6/19, Error ellipse: s-maj=13.0km s-min=9.4km az=127.0

ISC 28 19:01:34.2: 2.7, 37:04N:105.142E:103E:0.05, h17km, 17km, n125, s179/129, mb4.3/38, MS3.7/8, 10C-3D, Off east coast of Honshu

Main table for station data, including codes like WRA, ASAR, MKAR, etc., with station names and various parameters.

IDC 28 19:01:31.7: 0.5, 37:01N:142.35E, h0km, mb4.1/21, mb1 4.2/29, mb1mx4.0/78, mbtmp4.1/29, ML3.8/6, MS3.6/13, Ms1 3.6/13, ms1mx3.3/39, Error ellipse: s-maj=14.6km s-min=12.5km az=108.0

JMA 28 19:01:32.0: 2.3, 37:05N:142.44E, h13km, 4km, M4.4 JMA Felt J1

NIED 28 19:01:32.7: 0.5N:142.44E, h13km, MW4.2 Moment Tensor Solution, S3 Moment tensor: Scale 10^18Nm; M2: 1.3; Mw: 1.84; Mw: 2.9; Mw: 7.9; Mw: 0.65; Mw: 1.08; Fault plane solution: M2: 49000.10^16; NP1: 6.24.00000; 3.61.00000; 1.06.00000; NP2: 6.84.00000; 8.33.00000; 1.64.00000; MOS 28 19:01:35.7: 1.5, 37:19N:142.44E, h36km, mb4.6/7 Error ellipse: s-maj=9.3km s-min=5.8km az=94.5

NEIC 28 19:01:37.1: 2.2, 36:99N:0.08:142.5E:0.1, h33km, 5km, mb4.6/19, Error ellipse: s-maj=13.0km s-min=9.4km az=127.0

ISC 28 19:01:34.2: 2.7, 37:04N:105.142E:103E:0.05, h17km, 17km, n125, s179/129, mb4.3/38, MS3.7/8, 10C-3D, Off east coast of Honshu

Main table for station data, including codes like JFK, ONAJ, etc., with station names and various parameters.

Table with columns: J05D, Fort Rock, OR, 3.46 38 P, Pn, 20 02 07.9 +1.7. Includes other stations like PAHR, PNRH, PINE, IOTA.

NEIC 28 20:08:22.9:0.9, 17.7S:0.2:178.0W:0.2, h458km, 7km, mb4.2/12, Error ellipse: s-maj=30.2km s-min=19.0km az=151.0

IDC 28 20:08:39.0:15.0, 17.81S:178.73W, h610km, 148km, mb3.3/4, mb1.3, mb1mx3.9/33, mbtmp3.4/8, Error ellipse: s-maj=139.6km s-min=72.7km az=112.0

ISC 28 20:08:26.8:0.9, 17.7S:0.2:178.1W:0.2, h500km, n20, a1529/21, mb4.1/11, Fiji Islands region

Main table for 28d 22h section, listing stations like MSVF, CTA, STKA, WRA, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 20:18:02.5:2.2, 3.42S:128.29E, h0km, mb3.8/2, mb1.4/2.3, mb1mx3.6/29, mbtmp3.9/3, ML3.8/1, MS3.0/1, Ms1.3/0.1, ms1mx2.4/25, Error ellipse: s-maj=134.2km s-min=29.3km az=67.0, Seram

Table listing stations like WRA, ASAR, MKAR with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

NEIC 28 20:38:46.1:1.3, 4.73N:0.10:127.7E:0.2, h116km, 10km, mb4.3/8, Error ellipse: s-maj=22.7km s-min=13.7km az=76.0

IDC 28 20:38:46.1:4.0, 4.70N:127.63E, h116km, 39km, mb3.6/7, mb1.3/8, mb1mx3.4/34, mbtmp4.0/8, Error ellipse: s-maj=47.9km s-min=16.5km az=78.0

ISC 28 20:38:44.8:0.7, 4.77N:0.07:127.48E:0.10, h108km, n23, a1542/27, mb4.0/10, 2C, Talaud Islands

Main table for 28d 22h section, listing stations like GSPH, KCP, SKMP, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

MAN 28 20:38:52.4:6.15N:124.48E, h359km, MS3.0, Mindanao

Table listing stations like MATI with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 21:32:36.4:1.1, 30.02S:177.37W, h0km, mb4.0/6, mb1.4/2.6, mb1mx3.9/27, mbtmp4.0/6, MS3.7/3, Ms1.3/7.3, ms1mx2.9/36, Error ellipse: s-maj=26.0km s-min=22.3km az=51.0

NEIC 28 21:32:40.7:2.7, 30.08S:0.04:177.6W:0.2, h29km, 6km, mb4.3/7, Error ellipse: s-maj=24.0km s-min=4.4km az=81.0

ISC 28 21:32:41.4:0.7, 30.11S:0.06:177.6W:0.1, h35km, n24, a1523/24, mb4.2/10, Kermadec Islands

Table listing stations like RAO with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Main table for 28d 22h section, listing stations like RAO, Raoul Island, URZ, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

JMA 28 21:38:54.9:0.1, 24.80N:122.80E, h117km, 2km, M1.7, TAP 28 21:38:54.8:24.86N:122.76E, h118km, ML3.0, D

ISC 28 21:38:55.9:1.6, 24.77N:0.06:122.79E:0.03, h110km, 10km, n49, a087/85, Taiwan region

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

NEIC 28 22:02:35.3:0.3, 0.0N:2.10E:1.1, h134km, 4km, M4.1/17, mb4.8/4, mb5.4/1, MLV3.8/17, Mw(mb)4.8/1, Northern Sumatara

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 22:05:06.1:1.9, 22.01N:99.83E, h0km, mb4.0/2, mb1.3/7.3, mb1mx3.3/44, mbtmp3.7/3, ML3.2/1, Error ellipse: s-maj=44.0km s-min=18.6km az=92.0, Myanmar-China border region

ISC 28 22:05:06.1:1.9, 22.01N:99.83E, h0km, mb4.0/2, mb1.3/7.3, mb1mx3.3/44, mbtmp3.7/3, ML3.2/1, Error ellipse: s-maj=44.0km s-min=18.6km az=92.0

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Main table for 28d 22h section, listing stations like VWDT, EHY, SMLT, etc. with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 21:55:09.8:1.4, 33.12S:178.98W, h0km, mb4.0/2, mb1.4/2.3, mb1mx3.7/40, mbtmp4.0/3, ML4.1/1, MS3.0/1, Ms1.3/0.1, ms1mx2.6/18, Error ellipse: s-maj=42.3km s-min=36.4km az=141.0

NEIC 28 21:55:11.5:1.8, 33.13S:178.97W:0.06, h10km, 2km, mb4.4/7, Error ellipse: s-maj=21.9km s-min=8.6km az=3.0

ISC 28 21:55:17.3:1.1, 33.25S:0.1:179.2W:0.2, h45km, n20, a1514/20, mb4.3/7, South of Kermadec Islands

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

DJA 28 22:02:35.3:0.3, 0.0N:2.10E:1.1, h134km, 4km, M4.1/17, mb4.8/4, mb5.4/1, MLV3.8/17, Mw(mb)4.8/1, Northern Sumatara

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 22:05:06.1:1.9, 22.01N:99.83E, h0km, mb4.0/2, mb1.3/7.3, mb1mx3.3/44, mbtmp3.7/3, ML3.2/1, Error ellipse: s-maj=44.0km s-min=18.6km az=92.0, Myanmar-China border region

ISC 28 22:05:06.1:1.9, 22.01N:99.83E, h0km, mb4.0/2, mb1.3/7.3, mb1mx3.3/44, mbtmp3.7/3, ML3.2/1, Error ellipse: s-maj=44.0km s-min=18.6km az=92.0

Main table for 28d 22h section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

KKM	comp=Z,114nm,1.2s	I Amb	I Amb	23 07 04.7					
MEEK	Meekatharra baz=31,SNR=12	30.99 228	P	P	23 07 05.9 -0.2				
KMBL	Kambalda baz=32,SNR=5.1	31.81 217	P	P	23 07 12.7 -0.5				
PBKI	Pangkalan Bun	32.38 276	P	P	23 07 21.7 +3.3				
WOJI	Wonorejo, Jawa	32.30 266	P	P	23 07 21.5 +0.3				
SBUM	Sibu	32.98 285	P	P	23 07 23.9 +0.3				
SBUM	Sibu	32.98 285	P	P	23 07 26.0				
STKI	Sintang	33.09 281	P	P	23 07 34.5 +1.0				
SMRI	Semarang	33.20 268	P	P	23 07 27.1 +1.5				
SMRI	Semarang	33.20 268	P	P	23 07 24.4 -1.2				
JCJ	Chichijima	33.92 357	I Amb	I Amb	23 07 31.4 -0.1				
JCJ	comp=Z,214nm,1.1s				23 07 36.0				
MORW	Morawa	34.24 227	P	P	23 07 34.9 +0.5				
MORW	Morawa	34.24 227	P	P	23 07 34.3 -0.2				
WAKE	Wake Island	34.41 40	I Amb	I Amb	23 07 35.4 -0.6				
WAKE	comp=Z,148nm,1.1s				23 07 41.5				
KSM	Kuching	34.55 283	P	P	23 07 37.7 +0.4				
KSM	Kuching	34.55 283	P	P	23 07 39.0				
KLBR	Kellerberrin	34.57 222	P	P	23 07 37.7 +0.4				
BLDU	Ballidu	34.67 224	P	P	23 07 38.6 +0.4				
MSVF	Nonsavu	34.97 111	i P	pmax	23 07 42.5 +1.5				
MSVF	comp=Z,82nm,0.9s								
MSVF	comp=Z,6um,19.0s								
MSVF	Nonsavu	34.97 111	I Amb	I Amb	23 07 42.2 +1.2				
MSVF	comp=Z,88nm,0.9s				23 07 44.9				
MSVF	comp=Z,7um,20.0s				23 21 21.1				
FUNA	Funafuti	35.00 95	P	I Amb	23 07 42.0 +0.7				
FUNA	comp=Z,2um,20.0s				23 07 51.9				
JCJ	Jatliwangi	35.38 269	P	P	23 07 45.8 +1.3				
NWAO	Narrogin (SRO)	35.77 220	P	P	23 07 50.3 +2.7				
NWAO	Narrogin (SRO)	35.77 220	P	P	23 07 48.3 +0.8				
NWAO	comp=Z,53nm,1.0s								
NWAO	Narrogin (SRO)	35.77 220	P	P	23 07 48.3 +0.8				
CISI	Cisompet, Garu	35.79 267	P	P	23 07 48.6 +0.5				
CISI	comp=Z,2um,comp=Z,190nm,1.2s								
CISI	Cisompet, Garu	35.79 267	P	I Amb	23 07 47.2 -0.8				
CISI	comp=Z,278nm,1.3s				23 07 49.5				
TAU	Tasmania Unive	35.91 176	P	pmax	23 07 50.2 +1.6				
TAU	comp=Z,119nm,1.4s								
TAU	comp=Z,11um,20.0s								
TAU	Tasmania Unive	35.91 176	P	P	23 07 50.2 +1.6				
TPI	Tanjungpandan	36.34 275	P	P	23 07 54.3 +1.5				
TWG	Pinlang	37.10 324	P	I Amb	23 07 57.4 -1.7				
TWG	comp=Z,280nm,1.0s				23 08 22.1				
YOJ	Yonaguni jima	37.30 328	P	pmax	23 08 00.8 +0.1				
YOJ	comp=Z,90nm,0.8s								
YOJ	Yonaguni jima	37.30 328	P	I Amb	23 08 00.8 +0.1				
YOJ	comp=Z,8um,19.0s				23 08 22.8				
TPUB	Tapu	37.73 324	P	I Amb	23 08 03.2 -1.2				
TPUB	comp=Z,415nm,1.4s				23 08 06.5				
NACB	Ninganchiao	37.85 326	P	I Amb	23 08 05.0 -0.4				
NACB	comp=Z,319nm,1.2s				23 08 08.7				
NACB	comp=Z,7um,20.0s				23 21 04.1				
SSLB	Suangleung	37.91 324	P	I Amb	23 08 05.6 -0.4				
SSLB	comp=Z,7um,18.0s				23 26 00.8				
PPBI	Pangkal Pinang	37.93 275	P	I Amb	23 08 15.8 +1.0				
XMIS	Christmas Isla	37.95 262	I Amb	I Amb	23 08 07.2 +0.8				
YHNB	Yeheng	38.36 326	P	I Amb	23 08 10.5 +0.8				
YHNB	comp=Z,120nm,1.0s				23 08 19.9				
YHNB	comp=Z,7um,19.0s				23 23 24.7				
TATO	Taipei	38.54 326	P	I Amb	23 08 10.5 -0.6				
TATO	comp=Z,264nm,1.2s				23 08 14.7				
TATO	Taipei	38.54 326	I Amb	I Amb	23 23 33.2				
OZU	Omahuta	39.16 140	P	I Amb	23 08 18.3 +2.0				
OZU	comp=Z,145nm,0.9s				23 08 20.7				
OZU	comp=Z,5um,18.0s				23 24 16.1				
PMBI	Palembang	39.17 274	P	P	23 08 18.6 +1.9				
PMBI	comp=Z,4um,comp=Z,149nm,1.1s								
PMBI	Palembang	39.17 274	I Amb	I Amb	23 08 17.2 +0.5				
PMBI	comp=Z,169nm,1.1s				23 08 27.5				
MDSI	Maura Dua	39.59 271	P	P	23 08 19.3 -0.9				
KNMB	Chin-men Tao	39.94 322	P	I Amb	23 08 23.5 +0.6				
KNMB	comp=Z,212nm,1.1s				23 08 26.9				
KNMB	comp=Z,6um,21.0s				23 23 08.7				
OZH	Quanzhou	40.18 323	i P	S	23 08 26.0 +1.2				
OZH	comp=Z,44nm,1.0s				23 14 34.5 +3.5				
OZH	comp=Z,2um,6.5s								
OZH	comp=Z,3um,21.3s								
OZH	comp=Z,2um,19.9s								
LHSI	Lahat	40.31 272	P	P	23 08 26.2 +0.1				
LHSI	comp=Z,3um,comp=Z,81nm,1.4s								
MYKOM	Kota Tinggi	40.91 281	P	P	23 08 30.7 -0.4				
MYKOM	Kota Tinggi	40.91 281	P	P	23 08 33.0				
HKPS	Hong Kong Po S	41.17 316	P	P	23 08 32.8 -0.8				
KSI	Kapahiang	41.25 272	P	P	23 08 39.3 +5.3				
JNU	Nakatsue	41.76 344	P	P	23 08 37.6 -0.2				
RGRI	Rengat	41.97 277	P	P	23 08 41.5 +1.6				
RAO	Raoul Island	42.22 126	P	pmax	23 08 42.8 +1.2				
RAO	comp=Z,395nm,0.9s								
RAO	Raoul Island	42.22 126	P	P	23 08 42.8 +1.2				
GZH	Guangzhou	42.26 316	P	S	23 08 44.5 +2.5				
GZH	comp=Z,2um,5.6s				23 15 06.8 +4.8				
GZH	comp=Z,2um,18.9s								
GZH	comp=Z,3um,20.5s								
QRZ	Quartz Range	42.28 147	I Amb	I Amb	23 25 38.4				
QRZ	comp=Z,4um,19.0s								
QIZ	Qiongzong	42.36 308	P	P	23 08 43.0 +0.1				
QIZ	comp=Z,3um,comp=Z,81nm,1.4s				23 10 23.5 +2.2				
QIZ	comp=Z,2um,22.6s				23 15 03.3 -0.3				
QIZ	comp=Z,38nm,1.0s				23 18 19.0 +6.1				
QIZ	comp=Z,1um,7.3s								
QIZ	comp=Z,2um,22.6s								
QIZ	comp=Z,2um,16.7s								

QIZ	comp=Z,3um,17.2s								
QIZ	Qiongzong	42.36 308	P	P	23 08 43.0 +0.1				
KRJI	Kerinci	42.56 275	P	P	23 08 46.3 +1.5				
KRJI	comp=Z,458nm,1.1s								
INU	Inuyama	42.60 352	P	P	23 08 43.5 -1.0				
SDSI	Sungai Dareh	42.77 276	P	P	23 08 46.6 +0.3				
SDSI	comp=Z,2um,comp=Z,116nm,1.0s								
THZ	Tophouse	43.15 148	P	I Amb	23 08 50.1 +1.0				
THZ	comp=Z,112nm,0.8s				23 08 52.6				
URZ	Urewera	43.26 141	I Amb	I Amb	23 27 14.4				
BKNI	Bangkang	43.37 278	P	P	23 08 52.2 +1.0				
BKNI	comp=Z,3um,comp=Z,222nm,1.1s								
BKNI	Bangkang	43.37 278	P	I Amb	23 08 51.5 +0.3				
BKNI	comp=Z,312nm,1.2s				23 09 00.4				
BKZ	Black Stump Fm	43.44 142	P	P	23 08 53.0 +1.5				
BKZ	comp=Z,4um,18.0s				23 27 01.2				
TUWZ	Tuamarina	43.47 147	P	P	23 08 53.1 +1.5				
LTZ	Lake Taylor	43.55 149	I Amb	I Amb	23 08 53.9 +1.6				
LTZ	comp=Z,95nm,0.9s				23 08 56.7				
LTZ	comp=Z,5um,21.0s				23 24 40.0				
MXZ	Matakaoa Point	43.60 139	P	I Amb	23 08 54.1 +1.4				
MXZ	comp=Z,5um,19.0s				23 25 57.6				
MJAR	Matsushiro Arr	43.62 353	P	P	23 08 49.9 -3.0				
MJAR	comp=Z,38nm,1.1s,baz=182,slow=8.8,SNR=84								
MJAR	comp=Z,19nm,1.0s,baz=199,slow=4.5,SNR=5.7				23 10 39.2 -1.0				
MAJO	Matsushiro	43.62 353	P	P	23 08 51.5 -1.4				
MAJO	comp=Z,48nm,1.3s								
MAJO	Matsushiro	43.62 353	P	P	23 08 51.8 -1.1				
MAT	Matsushiro	43.62 353	S	S	23 08 51.6 -1.3				
MAT	comp=Z,2um,20.0s				23 15 21.0 -0.7				
MJB9	Matsu-Tunnel	43.63 353	P	P	23 08 51.4 -1.5				
MLZ	Mavora Lakes	43.63 155	P	I Amb	23 08 54.4 +1.5				
MLZ	comp=Z,117nm,0.9s				23 08 56.3				
BSWZ	Blackbirch Sta	43.63 147	P	P	23 08 53.9 +1.0				
RPZ	Rata Peaks	43.65 151	I Amb	I Amb	23 08 54.6 +1.5				
RPZ	comp=Z,203nm,0.8s				23 08 56.5				
SSE	Sheshan	43.66 331	P	S	23 08 54.0 +0.8				
SSE	comp=Z,74nm,1.3s				23 15 25.5 +3.2				
SSE	comp=Z,74nm,1.3s								
SSE	comp=Z,750nm,7.4s								
SSE	comp=Z,1um,19.8s								
SSE	comp=Z,440nm,14.3s								
SSE	Sheshan	43.66 331	P	I Amb	23 08 53.6 +0.4				
SSE	comp=Z,169nm,1.0s				23 09 02.0				
LBZ	Lake Benmore	43.75 153	P	I Amb	23 08 54.9 +1.0				
LBZ	comp=Z,91nm,0.8s				23 08 57.0				
SNZO	South Karori	43.80 146	P	I Amb	23 08 54.9 +0.6				
SNZO	comp=Z,132nm,0.8s				23 08 56.9				
OXZ	Oxford	43.83 150	P	P	23 08 55.4 +0.8				
CMWZ	Cape Campbell	43.84 147	P	P	23 08 56.3 +1.7				
KHZ	Kahutara	43.94 148	I Amb	I Amb	23 25 20.3				
BHW	Baring Head	43.96 146	P	P	23 08 56.4 +0.8				
WHZ	Wether Hill Ro	43.98 156	P	I Amb	23 08 56.8 +1.1				
WHZ	comp=Z,92nm,0.9s				23 08 56.8 -0.2				
AFI	Afiama	44.08 103	P	P	23 08 56.8 -0.2				
AFI	comp=Z,16nm,0.3s,baz=327,slow=15,SNR=3.6								
AFI	Afiama	44.08 103	P	pmax	23 08 57.3 +0.3				
AFI	comp=Z,131nm,1.1s								
AFI	comp=Z,3um,20.0s				23 09 08.5				
AFI	Afiama	44.08 103	P	I Amb	23 08 57.2 +0.3				

28d 23h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Coldfoot, Harding Lake, Poker Plat Res, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like NVL, NVL, KRMB, KMRM, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like PAHR, B08A, E08A, VNA2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like VORD Divnogorie, LPSR Galich'ya Gora, Y14A Wickenburg, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like T25A Trinidad, MDUB Muduga, SORM Soroca, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like F36A Milaca, MDVR Moldovita, F36A Tabor, etc.

Table with columns: GPC, GO Pecny, Ondr, 119.80 325, ePKPDF, PKIKP, 23 19 39.8 +1.0, SP, 23 30 47.6 -0.9, etc.

Table with columns: CCM, Cathedral Cave, 121.47 49, P, PKPdf, 23 19 41.2 -1.1, PKPdf, 23 19 41.0 -1.3, etc.

Table with columns: PAOL, Paolisi, 123.71 315, IAMS_20, IAMS_20, 23 19 46.1 -0.5, IAMS_20, IAMS_20, 23 19 45.6 -0.9, etc.

Table with columns: ID, Name, Time, Date, Status, PKP/Pdf, and other details. Rows include 452A ZEK Kipawa Sen, 452B Lakeview Retre, 530A Schefferville, etc.

Table with columns: ID, Name, Time, Date, Status, PKP/Pdf, and other details. Rows include R53A Hurricane, R53B Hurricane, R53C Lakeview Retre, etc.

Table with columns: ID, Name, Time, Date, Status, PKP/Pdf, and other details. Rows include ASAL Leagalasta, P56A Dayton Farm, R, L57A Andrews Acres, etc.

Table with columns: WRA, SONMI, KRSRS, Station Name, Frequency, Power, and other technical details.

IDC 29 00:47:14.5:0.5, 20:02Sx70:33W, h0km, mb4, 1/11, mb1 4, 4/15, mb1mx3, 3/25, mbtmp4, 2/15, ML4, 2/4, MS3, 7/4, Ms1 3.84, ms1mx3, 3/25, Error ellipse: s-maj=2.0, 6km s-min=1.4, 9km s-min=7.0

NEIC 29 00:47:17.9:2.10S, 70:45W, h2km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mr5:15; M0=0.55; M0=-4.60; M0=0.07; M0=0.09; Mr=1.74; Fault plane solution: Ms5.20000*1015 NP1.0=17.92000*, 0.54, 8.00000*, 1.91, 21.0000*. NP2.0=357.81000*, 6.35, 22.0000*, 1.88, 28.0000*. Principal axes: T 5.4556, Plg0.0000*, Azm95.0000*, N -0.5522, Plg1.0000*, Azm359.0000*, P -4.9034, Plg10.0000*, Azm269.0000*

NEIC 29 00:47:17.8:1.2, 20:13S, 0:04, 70:47W, h0, h2km, 3km Error ellipse: s-maj=7.7km s-min=5.1km az=91.0 VAO 29 00:47:18.8:1.0, 12:38S, 70:53W, h31km, 8km, mb4.5, GUC 29 00:47:18.7:0.2, 20:13S, 70:51W, h23km, 3km, ML4, 6 GUC 29 00:47:16.4:0.8, 20:06S, 0:02, 70:56W, 0:04, h17km, 5km, n202, 0:132/216, mb4.7/37, 7C-9D, Near coast of northern Chile

Main station list for Chile, including stations like Huaiquique, Pisagua, Diego Aracena, etc., with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other parameters.

Main station list for Peru, including stations like Juan Fernandez, Chapadoo de Su, Colider, etc., with columns for Code, Station Name, Frequency, Power, and other technical details.

Main station list for Ecuador, including stations like Vanda, Torodi Arr. Sit, Torodi Arr. Bea, etc., with columns for Code, Station Name, Frequency, Power, and other technical details.

IDC 29 01:02:53.4:2.1, 2:16N, 127:14E, h0km, mb3.6/4, mb1 3.84, mb1mx3, 5/37, mbtmp3, 7/4, MS3, 2/1, Ms1 3.2/1, ms1mx2.5/29, Error ellipse: s-maj=138.2km s-min=25.4km az=69.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other parameters for stations in the Molucca Sea region.

RSRPR 29 01:20:03.7: 19:44N-68:09W, h47km, 9km, MD3.6/9 OSPL 29 01:20:05.9:1.1, 19:20N-67:91W, h0km, 19km, ML3.7, ISC 29 01:19:55.9:1.4, 19:75N, 0:06-67:80W, 0:03, h11km, 11km, n57, 0:142/71, 9C-10D, Mona Passage

Main station list for the Molucca Sea region, including stations like Punta Cana, DR, Agua, Aguadilla, etc., with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other parameters.

29d 1h

Table with columns: SDDR, Presa de Saban, 3.38 258, i P, P, 01 20 55.4 -0.6, 01 21 52.55

SJA 29 01:22:00.1-0.6, 23.79Sx64.03W, h592km, 5km, ML5.2, 1M14.4

NEIC 29 01:22:04.0-1.7, 23.54S; 0:09:63.6W; 0:1, h534km, 5km, mb4.3/142, Md4.2(SJA), Error ellipse: s-maj=13.9km

VAO 29 01:22:04.6-0.3, 23.61S; 63.68W, h543km, 4km, mb4.5

ISC 29 01:22:04.7-0.3, 23.57S; 0:04:63.74W; 0:05, h544km, n276, s1902/305, mb4.3/86, 16D, Saïta Province

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, ASTB Santa Barbara, AZAP Zapla, AZAP San Lorenzo, etc.

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Main table with columns: SALV Santo Antonio, SALV Vilhena, ITAB Concordia, C2SB Chapadão do Sul, etc.

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Main table with columns: TX31 Lajitas Ar. Si, X37A, U40A Yellville, HHAR Hobbs, MGMO Mountain Grove, M54A Oil Creek Stat, CCM Cathedral Cave, L56A Greenwood, QSPA South Pole Qui, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSU1, K37A, H38A, etc., and their respective broadcast parameters.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

29d 3h

Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like ESN Las Esperanzas, JTS Las Juntas de, and various local stations.

2014 JUL

Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like LRAL Lakeview Retre, ABTX Abilene, Hawle, and various local stations.

1382

Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like SC01 Santiago de lo, BC0K Bluff Creek, N, and various local stations.

Table with columns: RKT, Rikitea, comp, 55.99 229, eS, S, 03 50 11.9 -1.2, etc. Lists various radio stations and their frequencies.

Table with columns: RKT, Rikitea, comp, 55.99 229, eS, S, 03 50 11.9 -1.2, etc. Lists various radio stations and their frequencies.

Table with columns: RKT, Rikitea, comp, 55.99 229, eS, S, 03 50 11.9 -1.2, etc. Lists various radio stations and their frequencies.

29d 5h

Table of seismic data for stations KOLS, KLMR, KLRM, etc. Columns include station name, coordinates, time, magnitude, and other parameters.

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Table of seismic data for stations CMAR, KAPI, NWAQ, PSAAO, KULM, etc. Includes station names, coordinates, and event details.

1386

Table of seismic data for stations UDBI, MOSL, RICCI, MORI, etc. Includes station names, coordinates, and event details.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like ZLNL Zelenaya, TUMD Tumrok D, and various regional stations.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like KDAAK Kodiak Island, BPWAU Bear Paw Mtn., and various regional stations.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like KBG Krutoberegovo, BKI Bering, and various regional stations.

29d 7h

Table with columns: BRTR, Station Name, Time, Res, P, m, s, ISC. Includes stations like USSR Kurchatov, PPLA Purkeypile, OHAK Old Harbor, etc.

2014 JUL

Table with columns: BRTR, Station Name, Time, Res, P, m, s, ISC. Includes stations like BRTR Keskin Array B, ASAR Alice Springs, ESDC Sonseca Array, etc.

1388

Table with columns: Code, Station Name, Time, Res, P, m, s, ISC. Includes stations like KAHZ Kahuranaki, KHRH Kereru, IDC 29 06:32:32.0, etc.

2014 JUL

29d 7h

1390

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like LUWI, MK31, MKAR, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KSRS, GEYT, GYAOB, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like AKTO, AKTO, KNRA, etc.

YSS	Yuzh-Sakhalins	52.53	41	eP	P	07 16 20.4	+0.2
YSS				e'SP	pP	07 16 20.8	-2.9
YSS				eS	S	07 23 43.4	-2.0
YSS	comp=Z,20nm,0.9s			pmax	pmax		
YSS	comp=N,700nm,16.0s			MLR	MLR		
YSS	comp=E,600nm,16.0s			MLR	MLR		
YSS	comp=Z,1µm,16.0s			MLR	MLR		
YSS	Yuzh-Sakhalins	52.53	41	P	P	07 16 20.3	0.0
YSS	comp=Z,90nm,0.9s			IAMB	IAMB	07 16 31.8	
YSS				IAMS_20	IAMS_20	07 42 00.1	
WRA	Warramunga Arr	52.95	129	P	P	07 16 22.7	-1.1
WRA	comp=Z,1.4nm,0.4s,baz=314,slow=8			PcP	PcP	07 17 32.6	+0.1
WRA	comp=Z,3.5nm,0.4s,baz=320,slow=3.0,SNR=8.7			S	S	07 23 47.1	-4.9
WRA	comp=Z,1.6nm,1.0s,baz=307,slow=14,SNR=6.1			S	S	07 23 47.1	-4.9
WRA	comp=Z,4.55nm,19.3s,baz=300,slow=39			LR	LR	07 41 30.0	
WRA	Warramunga Arr	52.95	129	P	P	07 16 22.7	-1.1
WRA	Warramunga Arr	52.95	129	P	P	07 16 22.7	-1.1
WRAB	Tennant Creek	52.96	129	/P	/P	07 16 22.7	-1.1
WRAB				pmax	pmax		
WRAB	Tennant Creek	52.96	129	P	P	07 16 22.3	-1.5
WRAB	comp=Z,71nm,1.2s			IAMB	IAMB	07 16 24.2	
KTUT	Trabzon	53.22	311	/P	/P	07 16 27.5	+2.0
FURI	Furi	53.46	271	IAMS_20	IAMS_20	07 38 11.8	
YUK	Yuzh-Kuril'sk	53.65	45	eP	P	07 16 33.7	+5.2
YUK				eS	S	07 18 35.1	
YUK				eSSS	SSS	07 24 04.0	+3.2
YUK				pmax	pmax	07 29 32.1	
YUK	comp=Z,333nm,1.0s			pmax	pmax		
YUK	comp=N,118nm,0.6s			pmax	pmax		
YUK	comp=E,228nm,1.1s			pmax	pmax		
YUK	comp=Z,1µm,18.0s			MLR	MLR		
YUK	comp=N,603nm,15.0s			MLR	MLR		
TYV	Tymovskoe	53.98	37	eP	sP	07 16 42.1	+0.8
TYV				pmax	pmax		
ASF	Jabal al Asfar	54.02	299	P	P	07 16 31.9	+0.3
ASF	comp=Z,10nm,1.0s,baz=68,slow=4.1,SNR=14			P	P	07 16 40.3	+1.2
ASF	Jabal al Asfar	54.02	299	P	P	07 16 31.9	+0.3
ASF	comp=Z,12nm,0.8s,baz=65,slow=6.4,SNR=1.4			pP	pP	07 16 40.3	+1.2
ASF	Yakutsk	54.33	20	/pP	/pP	07 16 40.3	+1.2
YAK	comp=Z,41nm,0.6s,baz=218,slow=1.1,SNR=4.3			pP	pP	07 16 43.4	+2.6
YAK	Yakutsk	54.33	20	eP	pP	07 16 43.3	+2.6
YAK				e'SP	S	07 16 51.6	+7.9
YAK				eS	S	07 24 20.2	+1.1
YAK	comp=Z,79nm,0.7s			pmax	pmax		
YAK	comp=N,30nm,0.9s			pmax	pmax		
YAK	comp=E,38nm,1.0s			smax	smax		
YAK	comp=E,83nm,2.3s			smax	smax		
YAK	comp=N,60nm,2.5s			MLR	MLR		
YAK	comp=Z,604nm,20.0s			MLR	MLR		
YAK	comp=N,574nm,20.0s			MLR	MLR		
YAK	Gaziantep	54.33	20	P	P	07 16 32.4	-0.8
GAZ	Gaziantep	54.40	306	P	P	07 16 35.2	+0.8
GAZ				IAMB	IAMB	07 16 48.7	
KIRV	Kirov	54.81	334	P	P	07 16 36.5	-0.3
KIRV	comp=Z,16nm,0.6s,baz=120,slow=11,SNR=17			pP	pP	07 16 46.0	-1.2
KIRV	Kirov	54.81	334	P	P	07 16 36.5	-0.3
KIRV	comp=Z,40nm,0.8s,baz=120,slow=6.0,SNR=5.3			pP	pP	07 16 46.0	-1.2
AS31	Alice Springs	54.92	133	/pP	/pP	07 16 37.0	-1.1
ASAR	Alice Springs	54.92	133	P	P	07 16 37.3	-0.8
ASAR	comp=Z,16nm,0.4s,baz=304,slow=6.4,SNR=21.2			S	S	07 24 14.3	-4.2
ASAR	Alice Springs	54.92	133	P	P	07 16 37.3	-0.8
ASAR	comp=Z,3.0nm,1.1s,baz=311,slow=13,SNR=16			S	S	07 16 37.3	-0.8
ASAR	Alice Springs	54.92	133	P	P	07 16 37.3	-0.8
ASAR	comp=Z,5.5nm,0.7s,baz=182,slow=7.9,SNR=10			S	S	07 16 39.1	+0.2
NRKI	Noril'sk	55.13	358	eP	sP	07 16 48.5	-0.8
NRKI	comp=Z,38nm,0.8s,baz=175,slow=7.1,SNR=20			LR	LR	07 44 21.6	
NRKI	Noril'sk	55.13	358	/pP	/pP	07 16 39.1	+0.2
NRKI	comp=Z,518nm,20.7s,baz=176,slow=40			pP	pP	07 16 48.5	-0.8
VRH	Novokhop'yorsk	55.15	323	eP	pP	07 16 38.4	-0.9
VRH				e'SP	pP	07 16 47.1	+0.3
VRH	comp=Z,40nm,1.0s			pmax	pmax		
MMAI	Mount Meron Ar	55.35	300	P	P	07 16 41.5	+0.3
MMAI	comp=Z,730nm,23.0s			pP	pP	07 16 50.7	-1.0
MMAI	comp=Z,1.5nm,0.6s,baz=111,slow=11,SNR=5.4			pP	pP	07 16 50.7	-1.0
MMAI	comp=Z,4.4nm,0.7s,baz=100,slow=40			LR	LR	07 43 52.9	
KUR	Kuril'sk	55.35	45	eP	P	07 16 32.3	-8.6
KUR	comp=Z,1µm,20.0s,baz=100,slow=40			e	e	07 17 34.7	
EIL	Eilat	55.51	296	P	P	07 16 42.5	+0.2
EIL	comp=Z,18nm,1.1s,baz=151,slow=1.7,SNR=11			pP	pP	07 16 50.4	+0.5
EIL	comp=Z,10nm,0.8s,baz=151,slow=3.4,SNR=5.3			LR	LR	07 44 08.2	
ANN	Anapa	55.83	315	eP	P	07 16 47.5	+3.2
ANN				pmax	pmax		
ABPO	Ambohimpnom	55.98	235	P	P	07 16 45.6	-0.4
ABPO	comp=Z,50nm,1.3s			pmax	pmax		
ABPO	Ambohimpnom	55.98	235	P	P	07 16 45.6	-0.4
ABPO	comp=Z,50nm,1.3s			IAMB	IAMB	07 17 09.3	
FORT	Forrest	56.03	143	P	P	07 16 45.4	-0.5
FORT	comp=Z,54nm,0.8s			IAMB	IAMB	07 17 02.8	
VORD	Divnogorie	56.48	322	eP	P	07 16 47.5	-1.4
VORD	comp=Z,80nm,1.6s			pmax	pmax		
VSR	Storozhevoye	56.65	323	eP	P	07 16 49.2	-0.9
VSR				e'SP	pP	07 16 57.8	+0.2
VSR	comp=Z,10nm,0.1s			pmax	pmax		
COEN	Coen	56.98	117	P	P	07 16 52.1	-0.8
COEN	comp=Z,4.9nm,1.0s,baz=47,slow=6.6,SNR=7.6			IAMB	IAMB	07 16 53.3	
COEN	Coen	56.98	117	P	P	07 16 51.6	-1.3
COEN	comp=Z,64nm,1.3s			IAMS_20	IAMS_20	07 16 54.3	-0.4
CSS	Mathiatis	57.24	302	P	P	07 16 54.3	-0.4
CSS	comp=Z,832nm,20.0s			IAMS_20	IAMS_20	07 45 21.2	
LPSR	Galich'ya Gora	57.27	324	eP	P	07 16 53.7	-0.8
LPSR				e'SP	sP	07 17 03.5	-1.4
LPSR	comp=Z,40nm,1.2s			pmax	pmax		
LPSR	comp=Z,710nm,19.0s			MLR	MLR		
KMBO	Kilima Mbogo	57.34	259	P	P	07 16 58.6	+2.6
KMBO	comp=Z,4.9nm,1.0s,baz=47,slow=6.6,SNR=7.6			IAMB	IAMB	07 16 55.9	+0.1
KMBO	Kilima Mbogo	57.34	259	P	P	07 16 58.5	+0.1
KMBO	comp=Z,5.0nm,1.0s			pmax	pmax	07 16 58.5	+2.6

KMBO	Kilima Mbogo	57.34	259	P	P	07 16 56.6	+0.7
QIS	Mount Isa	57.35	126	P	P	07 16 55.0	-0.5
BR131	Keskin Array S	57.57	308	d/P	P	07 16 56.2	-0.8
BR131	Keskin Array S	57.57	308	/P	P	07 16 56.2	-0.8
BR131	comp=Z,31nm,0.8s			IAMB	IAMB	07 17 08.0	
BRTR	Keskin Array B	57.57	308	P	P	07 16 56.0	-1.0
BRTR	comp=Z,17nm,0.9s,baz=121,slow=6.7,SNR=77			pP	pP	07 17 05.0	+0.4
BRTR	comp=Z,26nm,0.8s,baz=125,slow=7.3,SNR=23			LR	LR	07 45 05.4	
BRTR	comp=Z,685nm,20.1s,baz=90,slow=40			LR	LR	07 45 05.4	
BRTR	Keskin Array B	57.57	308	eP	P	07 16 56.5	-0.5
BRTR	comp=Z,17nm,0.9s			pmax	pmax		
BRTR	Keskin Array B	57.57	308	P	P	07 16 56.0	-1.0
BZK	Bokzurk	57.66	311	/P	P	07 16 57.2	-0.2
ILGA	Ilgaz	57.72	310	IAMB	IAMB	07 16 57.0	-1.2
ILGA	comp=Z,46nm,1.1s			IAMS_20	IAMS_20	07 44 19.3	
ILGA	comp=Z,1µm,21.0s			IAMS_20	IAMS_20	07 44 19.3	
PRGR	Pergomere	58.09	336	eP	P	07 16 59.2	-0.9
PRGR	comp=Z,90nm,0.9s			pmax	pmax		
ANTO	Ankara	58.24	308	P	P	07 17 01.2	-0.4
ANTO	comp=Z,38nm,1.1s			pmax	pmax		
ANTO	comp=Z,38nm,1.1s			MLR	MLR		
ANTO	comp=Z,600nm,22.0s			MLR	MLR		
ANTO	Ankara	58.24	308	P	P	07 17 01.2	-0.4
ANTO	comp=Z,38nm,1.1s			IAMB	IAMB	07 17 12.7	
BR231	Keskin MP Arra	58.24	308	P	P	07 17 01.3	-0.5
BR231	comp=Z,34nm,0.9s			IAMB	IAMB	07 17 12.9	
PMG	Port Moresby	58.58	111	eP	P	07 17 04.1	-0.2
PMG	comp=Z,62nm,0.8s			pmax	pmax		
MOS	Moscow	58.58	111	P	P	07 17 04.0	-0.2
MOS	comp=Z,62nm,0.8s			e	e	07 17 06.0	-1.4
MOS	comp=Z,62nm,0.8s			e	e	07 19 21.3	
MOS	comp=Z,62nm,0.8s			eS	S	07 25 23.1	+1.0
MOS	comp=Z,65nm,1.3s			pmax	pmax		
OBN	Obninsk	59.47	326	P	P	07 17 09.6	-0.2
OBN	comp=Z,7.0nm,0.3s,baz=175,slow=23,SNR=8.9			pP	pP	07 17 18.1	+0.8
OBN	Obninsk	59.47	326	/P	P	07 17 08.9	-0.8
OBN	comp=Z,6.8nm,0.3s,baz=99,slow=6.6,SNR=1.7			eS	S	07 17 08.9	-0.8
OBN	Obninsk	59.47	326	eP	S	07 25 18.9	+1.5
OBN	comp=Z,100nm,1.7s			eSS	SS	07 29 13.7	+1.1
OBN	comp=Z,100nm,1.7s			pmax	pmax		
OBN	Obninsk	59.47	326	P	P	07 17 08.9	-0.8
OBN	comp=Z,1µm,18.0s			MLR	MLR	07 47 28.6	
MDUB	Mudurnu	59.53	309	P	P	07 17 09.3	-1.3
MDUB	comp=Z,2µm,22.0s			IAMS_20	IAMS_20	07 46 13.3	
ISP	Isparta	59.76	306	IAMS_20	IAMS_20	07 46 19.0	
MTSU	Mount Surprise	59.91	121	P	P	07 17 14.0	+0.6
MTSU	comp=Z,80,SNR=4.0			P	P	07 17 14.0	+0.6
KLMR	Klimovskoe	60.28	333	d/P	P	07 17 14.3	-0.9
KLMR	comp=Z,52nm,1.0s			pmax	pmax		
KLMR	Klimovskoe	60.28	333	/P	P	07 17 14.4	-0.8
KLMR	comp=Z,52nm,1.0s			pP	pP	07 17 14.4	-0.8
KLMR	comp=Z,52nm,1.0s			eP	P	07 17 14.4	-0.8
KLMR	comp=Z,52nm,1.0s			AMP	AMP	07 17 26.3	
KLMR	comp=Z,52nm,1.0s			LR	LR	07 39 45.6	
KLMR	comp=Z,376nm,15.0s			AMP	AMP	07 52 11.9	
TIXI	Tiksi	61.20	120	/P	P	07 17 20.8	-0.5
TIXI	comp=Z,32nm,1.7s			pmax	pmax		
TIXI	comp=Z,32nm,1.7s			MLR	MLR		
TIXI	comp=Z,735nm,20.0s			MLR	MLR		
TIXI	Tiksi	61.20	120	P	P	07 17 20.0	-1.3
TIXI	comp=Z,784nm,20.0s			IAMS_20	IAMS_20	07 47 28.2	
YER	Yerkesik	61.49	305	P	P	07 17 23.3	-0.7
MA2	Magadan	61.65	291	eP	P	07 17 24.1	-0.5
MA2	comp=Z,7.0nm,1.0s			pmax	pmax		
MA2	Magadan	61.65	29	P	P	07 17 26.7	+2.1
MA2	comp=Z,32nm,0.8s			IAMB	IAMB	07 17 37.6	
MA2	comp=Z,975nm,19.0s			IAMS_20	IAMS_20	07 48 33.9	
TLCR	Tirgusor	61.89	314	/P	P		

MAW	Mawson	84.58	191	P	P	07 19 41.0	+1.3
MAW	Mawson	84.58	191	P	P	07 19 40.9	+1.2
MAW	Eureka	85.82	360	I	Amb	07 19 59.3	
TOLK	Toolik Lake Re	86.27	19	P	P	07 19 49.2	+0.8
TOLK	Toolik Lake Re	86.27	19	I	Amb	07 20 02.4	
TOLK	Toolik Lake Re	86.27	19	I	Amb	07 20 02.4	
ESDC	Sonsek Array	86.32	310	P	P	07 19 49.1	-0.2
ESDC	Sonsek Array	86.32	310	P	P	07 20 00.1	0.0
ESDC	Sonsek Array	86.32	310	P	P	07 19 49.1	-0.2
ESDC	Sonsek Array	86.32	310	P	P	07 19 50.5	+0.4
TTA	Tatalina	86.57	25	P	P	07 19 50.5	+0.4
TTA	Tatalina	86.57	25	P	P	07 19 51.7	+0.9
SUMS	Summit	87.70	347	I	P	07 19 56.0	+0.3
SUMS	Summit	87.70	347	I	P	07 20 06.6	
SUMS	Summit	87.70	347	I	P	07 19 56.0	+0.3
BPWW	Bear Paw Mtn.	88.05	23	I	Amb	08 05 28.2	
CNBA	Chernabai Is	88.12	34	I	Amb	08 03 37.7	
TOCI	Torodi Ar. Sit	88.12	283	I	Amb	08 01 17.5	
TOBI	Torodi Ar. Sit	88.13	283	I	Amb	08 00 43.7	
TOAO	Torodi Ar. Sit	88.13	283	P	P	07 19 58.8	+0.3
TORD	Torodi Ar. Bea	88.13	283	P	P	07 19 58.4	0.0
TORD	Torodi Ar. Bea	88.13	283	P	P	07 20 07.9	-1.4
TORD	Torodi Ar. Bea	88.13	283	P	P	07 23 26.2	+0.8
TORD	Torodi Ar. Bea	88.13	283	P	P	07 19 58.4	0.0
PPLA	Purkeypile	88.15	25	P	P	07 19 58.4	+0.7
PPLA	Purkeypile	88.15	25	P	P	07 20 10.9	
PPLA	Purkeypile	88.15	25	P	P	07 19 58.4	+0.7
NEA2	Nenana	88.52	22	P	P	07 19 59.6	+0.3
MDM	Murphy Dome	88.64	22	I	Amb	07 20 11.9	
TRF	Thorofore Moun	88.64	24	I	Amb	07 20 13.5	
TRF	Thorofore Moun	88.64	24	I	Amb	08 03 06.9	
MDT	Midlett	88.68	303	P	P	07 20 01.4	+0.6
MDT	Midlett	88.68	303	P	P	07 20 11.1	-0.5
TULEG	Thule	88.71	356	I	Amb	08 05 31.2	
MTE	Manteigas	88.75	311	eP	sP	07 20 12.4	+0.6
COLA	College	88.82	22	eP	pmax	07 20 01.5	+0.9
COLA	College	88.82	22	eP	pmax	07 20 01.5	+0.9
PCBR	Castelo Branco	88.87	311	eP	sP	07 20 12.4	+0.1
PMRV	Mary??o	88.93	310	eP	sP	07 20 12.5	-0.1
MCK	McKinley	89.02	23	I	Amb	07 20 13.4	
RND	Reindeer	89.22	23	I	Amb	07 20 14.1	
RND	Reindeer	89.22	23	I	Amb	08 03 59.1	
ILAR	Eielson Array	89.22	22	P	P	07 20 01.6	-0.9
ILAR	Eielson Array	89.22	22	P	P	07 20 12.3	-1.0
ILAR	Eielson Array	89.22	22	P	P	07 23 34.0	+1.4
ILAR	Eielson Array	89.22	22	P	P	08 03 56.4	
ILAR	Eielson Array	89.22	22	P	P	07 20 01.7	-0.9
ILAR	Eielson Array	89.22	22	P	P	07 20 01.6	-0.9
KULLO	Kullorsuaq	89.37	352	I	P	07 20 03.0	-0.1
KULLO	Kullorsuaq	89.37	352	I	P	07 20 03.0	-0.1
SUA	Susitna One	89.44	26	P	P	07 20 04.2	+0.4
PVAQ	Vaejors	89.79	309	eP	sP	07 20 16.4	-0.2
CHIR	Chirikof Islan	89.79	32	I	Amb	08 03 32.8	
HOM	Homer	89.94	27	I	Amb	08 03 35.4	
PBDV	Barranco-do-Ve	90.00	308	eP	sP	07 20 18.3	+0.6
GHR	Glory Hole Cr	90.04	25	I	Amb	07 20 27.7	
PMO	Palmer	90.05	25	I	Amb	07 20 18.3	
PNCL	Nicolau V Ann	90.18	309	eP	sP	07 20 19.1	+0.7
SII	Sitkinak Islan	90.19	31	I	Amb	08 02 48.3	
A36M	Sachs Harbour	90.20	11	P	P	07 20 07.5	+0.5
BRLK	Bradley Lake	90.22	27	I	Amb	08 04 58.9	
OHAK	Old Harbor	90.32	30	I	Amb	08 08 30.9	
KDAK	Kodiak Island	90.40	29	I	Amb	08 08 45.3	
PTEO	Sao Teotonio	90.50	309	eP	sP	07 20 21.7	+0.7
RIDG	Independent Ri	90.54	22	I	Amb	08 05 10.4	
SCM	Sheep Creek Mo	90.65	24	I	Amb	08 06 43.1	
SEW	Seward	90.67	26	I	Amb	08 04 49.9	
SCRW	Sand Creek Mo	90.71	22	I	Amb	07 20 22.8	
PAX	Paxson	90.74	23	I	Amb	08 08 00.5	
INK	Inuvik	91.14	16	P	P	07 20 11.9	+0.5
INK	Inuvik	91.14	16	P	P	07 20 22.3	+0.1
INK	Inuvik	91.14	16	P	P	07 20 11.3	-0.1
INK	Inuvik	91.14	16	P	P	07 20 23.3	
INK	Inuvik	91.14	16	P	P	07 20 23.3	
INK	Inuvik	91.14	16	P	P	07 20 23.3	
SYO	Syowa Base	91.20	197	eP	sP	07 20 12.8	+1.3
SYO	Syowa Base	91.20	197	eP	sP	07 20 17.7	-1.8
EGAK	Egale	91.22	20	I	Amb	08 08 11.8	
GLI	Glacier Islan	91.26	25	I	Amb	08 08 45.3	
KLU	Klutina	91.40	24	I	Amb	08 07 39.9	
MENT	Mentasta	91.42	23	I	Amb	07 20 26.9	
FID	Port Fidalgo	91.58	25	I	Amb	07 20 34.8	
FID	Port Fidalgo	91.58	25	I	Amb	08 09 11.9	
EPYK	Eagle Plains	91.59	18	P	P	07 20 14.1	+0.5
EPYK	Eagle Plains	91.59	18	P	P	07 20 26.9	
EPYK	Eagle Plains	91.59	18	P	P	07 20 07.7	
HIN	Hinchinbrook I	91.77	25	P	P	07 20 15.6	+1.0
HIN	Hinchinbrook I	91.77	25	P	P	07 20 21.7	
EYAK	Cordova Ski Ar	91.99	25	I	Amb	08 07 28.4	
EYAK	Cordova Ski Ar	91.99	25	I	Amb	08 07 11.7	

GLB	Gilahina Butte	92.26	24	I	Amb	07 20 37.2	
GLB	Gilahina Butte	92.26	24	I	Amb	08 04 30.6	
DAWY	Dawson	92.26	20	I	Amb	07 20 28.9	
RAGM	Ragged Mountai	92.53	25	I	Amb	07 20 30.9	
RAGM	Ragged Mountai	92.53	25	I	Amb	08 06 23.7	
C36M	Camp 36	92.57	12	P	P	07 20 18.3	+0.3
MCARA	McCarthy VSAT	92.60	24	I	Amb	07 20 31.8	
MCARA	McCarthy VSAT	92.60	24	I	Amb	08 08 20.6	
HMT	Hamilton	92.72	25	I	Amb	08 06 37.0	
CROG	Crozier	92.93	24	I	Amb	07 20 25.5	
ILULI	Iluissat	92.96	348	I	Amb	08 07 22.6	
TGL	Tana Glacier	93.05	24	I	Amb	07 20 33.1	
BALL	Baldy	93.07	24	I	Amb	07 20 33.5	
SUCK	Suckling Hills	93.07	25	I	Amb	08 08 15.2	
ISLE	Juniper Island	93.33	24	P	P	07 20 23.4	+1.5
ISLE	Juniper Island	93.33	24	P	P	07 20 46.7	
URZ	Urzuuq	94.12	128	I	Amb	08 08 26.7	
SFJD	Kangerlussuaq	94.68	346	I	Amb	08 10 26.2	
YKUU	Yakutat	95.06	24	I	Amb	07 52 21.8	
DBIC	Dimboko	96.01	278	pP	pP	07 20 46.2	+3.3
DBIC	Dimboko	96.01	278	pP	pP	08 04 58.3	
SKAG	Skagway	96.77	23	I	Amb	08 09 37.7	
SIT	Sitka	98.41	24	I	Amb	08 08 23.3	
VNDA	Vandenberg	99.38	168	LR	LR	08 01 47.6	
DLBC	Dease Lake	99.42	21	I	Amb	08 10 43.9	
WRAM	Wrangell Islan	100.03	24	I	Amb	08 10 48.2	
YKA	Yellowknife Ar	100.45	13	P	Pdf	07 20 53.7	-0.2
YKA	Yellowknife Ar	100.45	13	P	Pdf	07 21 04.5	-0.2
YKA	Yellowknife Ar	100.45	13	P	Pdf	07 25 01.3	+1.6
YKA	Yellowknife Ar	100.45	13	P	Pdf	07 20 53.7	-0.2
YKA	Yellowknife Ar	100.45	13	P	Pdf	07 20 53.7	-0.2
QSPA	South Pole Qui	101.15	180	PKIKP	PKIKP	07 25 27.3	+0.2
QSPA	South Pole Qui	101.15	180	PKIKP	PKIKP	07 36 59.3	-2.4
QSPA	South Pole Qui	101.15	180	PKIKP	PKIKP	07 25 26.9	-0.1
SCHO	Schefferville	109.07	348	PKIKP	PKIKP	07 36 42.4	-3.0
SCHO	Schefferville	109.07	348	PKIKP	PKIKP	08 00 06.6	
FFC	Flin Flon	110.08	9	I	Amb	08 18 21.0	
NLWA	Neilton Lookou	110.27	26	I	Amb	08 20 52.2	
B06A	Bozeman (W)	110.34	24	I	Amb	08 18 51.3	
E03A	Lebam	111.07	26	I	Amb	08 17 36.7	
LTY	Liberty	111.69	24	I	Amb	08 14 13.5	
F04A	Amboy	112.04	26	I	Amb	08 17 58.9	
C09A	Chrisman Ranch	112.15	22	I	Amb	08 21 06.7	
NEW	Newport	112.27	21	I	Amb	08 15 46.1	
WALA	Waterton Lakes	112.55	19	I	Amb	08 20 06.0	
HAWA	Hanford	112.84	24	I	Amb	08 14 48.0	
JTMT	Jette	113.58	20	I	Amb	08 22 16.3	
F10A	Beaumont	114.08	23	I	Amb	08 24 24.6	
M50	Missoula	114.50	20	I	Amb	08 17 28.6	
EGMT	Eggleton	114.71	17	I	Amb	08 24 46.9	
BMO	Blue Mountains	114.99	23	I	Amb	08 25 21.8	
ULM	Lac du Bonnet	115.26	6	I	Amb	08 18 50.1	
DGMT	Dagmar	115.66	13	I	Amb	08 24 35.8	
BOZ	Bozeman (W)	116.34	19	P	PKIKP	07 25 51.5	+0.6
BOZ	Bozeman (W)	116.34	19	I	Amb	08 19 13.2	
O03E	Paynes Creek	116.76	29	P	PKIKP	07 25 51.6	-0.1
MFID	Finlay Ranch	116.78	23	PKIKP	PKIKP	07 25 51.9	+0.1
D62A	Allapoint, All	116.84	346	I	Amb	08 18 52.3	
LAO	LASA Array	116.87	15	I	Amb	08 20 59.0	
MDND	Madack	117.12	10	I	Amb	08 24 04.2	
HLID	Hailey	117.18	22	P	PKIKP	07 25 53.2	+0.6
HLID	Hailey	117.18	22	P	PKIKP	07 25 53.2	+0.6
HLID	Hailey	117.18	22	P	PKIKP	07 25 53.2	+0.6
AGMN	Agassiz Nantow	117.19	7	I	Amb	08 25 01.1	
B35A	Bob Littlefor	117.34	5	I	Amb	08 23 01.0	
E62A	Clayton Lake	117.39	347	I	Amb	08 22 32.6	
LKUY	Lake Umbagog	117.65	19	I	Amb	08 20 05.9	
H17A	Grant Village	117.75	19	I	Amb	08 19 46.5	
F64A	Sherman	117.82	345	I	Amb	08 27 21.3	
EYMN	Ely	117.92	3	I	Amb	08 26 31.2	
FLWY	Flagg Ranch	117.99	19	I	Amb	08 26 16.9	
IMW	Indian Meadow	118.08	19	I	Amb	08 26 27.3	
F63A	Nahmakanta, Br	118.15	346	I	Amb	08 22 22.0	
D32A	Dogwood Acres	118.19	8	I	Amb	08 24 50.6	
D53A	Lac Vavie, Po	118.36	353	I	Amb	08 24 42.1	
TPAW	Teton Pass	118.42	20	I	Amb	08 24 45.8	
VCNR	Virginia City	118.56	29	I	Amb	08 18 36.9	
REDW	Red Top Meadow	118.59	20	I	Amb	08 24 49.7	
PKME	Peaks-Kenny Pk	118.61	346	I	Amb	08 24 35.1	
EMMW	East Machias	118.67	344	I	Amb	08 25 43.9	
PNTR	Pine Nut	118.75	29	PKIKP	PKIKP	07 25 55.5	-0.3
PNTR	Pine Nut	118.75	29	PKIKP	PKIKP	08 22 44.9	
AHID	Auburn Hatcher	119.04	20	I	Amb	08 25 12.6	
BW06	Boulder Array	119.54	19	I	Amb	08 25 36.8	
PD31	Pinedale Array	119.54	19	PKP	PKIKP	07 25 56.5	-0.8
PDAR	Pinedale Array	119.54	19	PKP	PKIKP	07 25 57.0	-0.3
PDAR	Pinedale Array						

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WUAZ Wupatki, SDCO Great Sand Dun, HDIL Hopetide, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JCT Junction City, HPIG Tepich, 833A Chaparral WMA, etc.

TAP 29 07:12:36.3, 24.05N:121.62E, h11km, ML2.0, 1D, C,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Code Station Name, TWD Chiawan, TWD HWA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Code Station Name, COCO West Island, COCO West Island, etc.

MOS 29 07:16:39.3, 0.9, 10.17S:87.64E, h11km, mb5.2/38, Error ellipse: s-maj=8.3km s-min=5.3km az=104.0
IDC 29 07:16:39.2, 0.4, 10.23S:87.61E, h0km, mb4.7/41, mb1.4/8.2, mb1mx4.6/6.5, mbtmp4.8/4.2, ML4.5/1, MS4.0/3, Ms1.4/0.3, ms1mx3.5/4.1, Error ellipse: s-maj=11.9km s-min=10.8km az=19.0
NEIC 29 07:16:40.9, 2.1, 10.21S:0.09:87.70E:0.08, h10km, mb5.4/26, Error ellipse: s-maj=15.3km s-min=12.5km

Table with columns: TMCR, Station Name, Time, Res, etc. Includes stations like Tamitsa, Moravsky Berou, Magadan, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Alice Springs, Fitzroy Crossi, Koreya Arr, etc.

Table with columns: LZH, Station Name, Time, Res, etc. Includes stations like Guliang, Kunming, Baotou, etc.

29d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like DAWY Dawson, VRDI Verde Repeater, HYT Haines Junction, etc.

MEX 29 08:33:08.8:0.6, 14.67N:92.58W, h78km, 8km, MD3.6
CGC 29 08:33:13.7:0.5, 15.67N:91.49W, h19km, MD3.8
ISC 29 08:33:08.6:2.2, 14.7N:0.1:92.7W:0.1, h60km, 16km, n7,
r1566/13, Near coast of Chiapas

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

WEL 29 08:34:56.3:0.8, 35.5S:6.18W, h150km, 17km, M3.9/24,
mB4.4/6, ML4.2/7, MLV4.1/24, m(B)3.5/6, East of

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

IDC 29 08:37:53.2:9.0, 25.38S:179.98E, h464km, 95km, mb3.2/4,
mb1 3.4/6, mb1mx3.0/3.1, mbtmp4.1/6, Error ellipse:
s-maj=84.7km s-min=31.8km az=35.0
NEIC 29 08:37:55.9:2.0, 25.35S:0.1:180.0E:0.2, h497km, 7km,
mb4.1/11, Error ellipse: s-maj=22.6km s-min=15.7km
az=105.0

ISC 29 08:37:55.7:0.7, 25.44S:0.1:180.0W:0.1, h500km, n27,
r1528/28, mb3.9/10, South of Fiji Islands

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

2014 JUL

Table with columns: KNRA, FITZ, VNSA, QSPA, KRSR, NB2, NOA, BRTR, etc. Includes station names and coordinates.

JMA 29 08:41:35.6:0.2, 23.61N:121.74E, h24km, 3km, M2.9
TAP 29 08:41:36.9:0.2, 23.61N:121.71E, h37km, ML2.8, C
ISC 29 08:41:37.0:1.0, 23.65N:0.0:121.73E:0.0, h33km, 8km,
n72, r0573/110, 1C-1D, Taiwan

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

Table with columns: YHNB, YHNB, TWE, TWE, TSPB, NSK, WDLH, WTP, ILA, TWQ1, NWLW, NWLW, NWLW, NSTT, LIOB, SLGT, CHN1, EGS, TWK, SNST, TIPB, TWA, TWA, HSN, SSD, JYNG, TSMG, WFSB, MASBT, EAST, HATJ, IRIF, IRIF, JKRS, JIJ, JISG, JTJ, JTJ, etc.

IDC 29 08:54:08.6:1.6, 17.09N:99.92W, h0km, mb3.2/3,
mb1 3.6/7, mb1mx3.5/4.6, mbtmp3.4/7, ML3.3/4, MS3.5/2,
Ms1 3.5/2, ms1mx2.9/1.8, Error ellipse: s-maj=36.5km
s-min=18.8km az=16.0

NEIC 29 08:54:13.2:1.8, 17.0N:0.1:99.88W:0.05, h41km, 10km,
Error ellipse: s-maj=17.2km s-min=6.2km az=170.0
MEX 29 08:54:14.8:0.7, 17.14N:99.91W, h42km, 8km, MD4.2
ISC 29 08:54:13.5:0.7, 17.13N:0.04:99.90W:0.04, h32km, 6km,
n43, r19153/53, mb3.8/6, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like ACP2, CAIG, CAIG, CRIG, etc.

1403

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like SRIG Santa Rosalia, CMJ Castle Mountain, QUOK Quasy, etc.

2014 JUL

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like Z58A St. Stephen, Z14A Organ Pipe Nat, Z58A Bahia Solano, etc.

29d 10h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes entries like U55A TA2, Sparta, U55A Zarcos, ZARC Q24A, etc.

29d 10h

2014 JUL

1404

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SFIN Lafayette, R53A Hurricane, CCX Ciesce, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like P52A baz=212, SNR=78, N23A Red Feather La, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like G5C Goldstone, Bar, G5C Goldstone, Bar, etc.

29d 10h

Table with columns: ID, Name, baz, comp, Z, SNR, P, S, I, A, M, B, and numerical values. Includes entries like E47A Iron Bridge, PECO Prince Edward, AGMN Agassiz Nation, etc.

2014 JUL

Table with columns: ID, Name, baz, comp, Z, SNR, P, S, I, A, M, B, and numerical values. Includes entries like E51A G1948 Merrick, E51A Salisbury, BRYW Bryant College, etc.

1406

Table with columns: ID, Name, baz, comp, Z, SNR, P, S, I, A, M, B, and numerical values. Includes entries like J63A, DSLB Salisbury, DSLB Salisbury, M04C Macdoel, etc.

I64A	baz=228,SNR=6.2	S	S	10 58 05.5 -0.3
L02E	baz=228	S	S	10 58 12.2 +4.9
L02E	baz=127,SNR=11	P	P	10 52 49.4 -0.9
D57A	baz=219,SNR=134	S	S	10 58 08.5 -0.2
D57A	baz=219	S	S	10 52 54.3
E09A	Wood Farm, Sta comp=Z,421nm,1.1s	IAmb	IAmb	10 52 51.3 +0.6
I05D	Terrafirma, OR baz=132,SNR=111	S	S	10 58 13.8 +4.6
I05D	baz=132	S	S	10 52 46.3 -4.6
TBH	Brigant Hill	eP	P	10 52 49.6 -1.4
F60A	Warwick	S	S	10 58 09.4 +0.5
F60A	baz=223	S	S	10 52 50.1 -1.1
H63A	New Sharon	P	P	10 58 11.3 +1.0
H63A	baz=227	S	S	10 52 51.3 -0.7
E59A	St. Maurice	P	P	10 52 52.0 -0.4
G62A	West of Eustis	P	P	10 58 11.7 -0.7
G62A	baz=225,SNR=114	S	S	10 52 56.0
I04A	Tendick Farm,	IAmb	IAmb	10 52 52.6 +0.1
I04A	baz=130,SNR=48	S	S	10 58 14.0 +1.4
K02D	Willamette Mer	P	P	10 52 52.7 0.0
K02D	baz=128	S	S	10 58 17.0 +4.0
TOSP	Speyside	eP	P	10 52 55.4 +2.0
WALA	Wateron Lakes	IAmb	IAmb	10 52 58.0
LSQQ	Label-sur-Quev	P	P	10 52 53.3 -0.9
LSQQ	baz=212	S	S	10 58 13.5 -2.1
D58A	Chemin du LacG	P	P	10 52 53.6 -1.1
D58A	baz=220,SNR=115	S	S	10 58 16.6 +0.2
H64A	Troy	P	P	10 52 53.7 -1.1
H64A	baz=228,SNR=17	S	S	10 58 16.4 -0.3
F61A	St Evariste	P	P	10 52 53.9 -1.1
F61A	baz=224,SNR=19	S	S	10 58 18.2 +1.1
E60A	Ste Agathe de	P	P	10 52 54.7 -0.8
E60A	baz=223,SNR=93	S	S	10 58 17.3 -0.8
G05D	Wamic, OR	P	P	10 52 56.7 +0.9
G05D	baz=134,SNR=68	S	S	10 58 24.8 +6.4
G63A	Kingsbury	P	P	10 52 55.1 -0.7
G63A	baz=227,SNR=26	S	S	10 58 18.3 -0.1
H04A	Detroit Lake	P	P	10 52 57.0 +0.5
H04A	comp=Z,546nm,1.0s	IAmb	IAmb	10 53 01.0
I03D	Drain, OR	P	P	10 52 57.1 +0.7
I03D	baz=129	S	S	10 58 23.9 +4.4
J01E	Myrtle Point	P	P	10 52 57.5 +1.1
J01E	baz=128,SNR=54	S	S	10 58 25.4 +5.9
NNA	Nana	P	P	10 52 57.6 +0.5
NNA	comp=Z,46nm,0.9s, baz=309,slow=7.3,SNR=9.5	PcP	PcP	10 55 27.7
NNA	Nana	P	P	10 52 53.3 -3.9
NNA	comp=Z,100nm,1.0s, baz=339,slow=4.3,SNR=4.8	P	P	10 52 56.0 -0.9
LAT0	La Tuque	P	P	10 58 21.4 +1.1
LAT0	baz=220,SNR=117	S	S	10 52 56.0 -0.9
LAT0	La Tuque	P	P	10 58 27.4 +0.3
D08A	Wollman Farm,	P	P	10 52 56.1 -1.3
MAT0	Matagami	P	P	10 58 17.4 -3.9
MAT0	baz=211,SNR=248	S	S	10 58 25.0 0.0
H04D	Lebanon	P	P	10 58 25.7 +3.2
H04D	baz=131,SNR=110	S	S	10 52 56.5 -1.6
PKME	Peaks-Kenny Pk	P	P	10 58 22.1 -0.4
PKME	baz=227,SNR=22	S	S	10 52 57.0 -1.1
D59A	Saint-Raymond	P	P	10 58 23.0 +0.5
D59A	baz=222,SNR=42	S	S	10 52 58.6 +0.2
NEW	Newport	P	P	10 58 24.8 +1.6
NEW	baz=142,SNR=507	S	S	10 53 03.7
NEW	Newport	IAmb	IAmb	10 52 57.7 -1.1
F62A	Pittston Farm	P	P	10 58 23.9 -0.1
F62A	baz=226,SNR=80	S	S	10 53 02.0
F62A	Pittston Farm,	IAmb	IAmb	10 52 58.4 -1.2
H65A	Eastbrook	P	P	10 58 25.0 -0.3
H65A	baz=229,SNR=21	S	S	10 52 59.1 -0.8
E61A	Lac Etchemin	P	P	10 58 26.5 +0.6
E61A	baz=224,SNR=32	S	S	10 53 02.0 +1.8
F05D	White Salmon	P	P	10 58 31.3 +5.5
F05D	baz=134,SNR=168	S	S	10 52 59.1 -1.3
G64A	Maxfield	P	P	10 58 24.5 -2.2
G64A	baz=228,SNR=95	S	S	10 53 02.3 +1.4
I02D	Swissome	P	P	10 58 34.3 +6.6
I02D	baz=228	S	S	10 52 59.8 -1.2
COR	Corvallis	P	P	10 52 59.8 -1.2
COR	comp=Z,622nm,1.1s	P	P	10 52 59.8 -1.2
COR	Corvallis	IAmb	IAmb	10 53 07.0
D60A	Saint Jean D'O	P	P	10 53 00.1 -0.9
D60A	baz=134,SNR=134	S	S	10 58 27.7 -0.2
F63A	Nahmakanta, Br	P	P	10 53 00.3 -1.2
F63A	baz=227,SNR=19	S	S	10 58 27.3 -1.3
F63A	Nahmakanta, Br	P	P	10 52 59.7 -1.8
EMMW	East Machias	P	P	10 53 01.9 -1.5
G03D	McMinnville, O	P	P	10 53 05.3 +1.0
G03D	baz=131,SNR=104	S	S	10 58 38.6 +5.0
H66A	Whiting	P	P	10 53 03.3 -1.1
H66A	baz=230,SNR=8.4	S	S	10 58 34.1 +0.2

F04A	Amboy	35.82	327	P	P	10 53 04.8 +0.2
E62A	Clayton Lake	35.88	31	P	P	10 53 04.5 -0.6
E62A	baz=225	S	S	10 58 33.6 -1.4		
E62A	Clayton Lake	35.88	31	IAmb	IAmb	10 53 08.6
LTY	Liberty	35.89	330	IAmb	IAmb	10 53 10.0
G65A	comp=Z,506nm,0.9s	35.93	34	P	P	10 53 04.5 -1.1
G65A	baz=230,SNR=52	S	S	10 58 35.3 -0.6		
G65A	baz=230	S	S	10 53 09.0		
F64A	Sherman	35.95	33	P	P	10 53 04.8 -0.9
F64A	baz=228,SNR=39	S	S	10 58 36.9 +0.7		
D61A	St Aubert, Com	35.97	30	P	P	10 53 05.5 -0.4
D61A	baz=224,SNR=75	S	S	10 58 34.7 -1.7		
B08A	Colville Reser	36.10	333	IAmb	IAmb	10 53 12.4
F04D	Rainier, OR	36.22	327	P	P	10 53 09.3 +1.3
F04D	baz=132,SNR=45	S	S	10 58 44.5 +4.1		
GGN	Saint George	36.27	35	IAmb	IAmb	10 53 11.7
CHGO	Chibougamau	36.27	23	P	P	10 53 07.2 -1.2
CHGO	comp=Z,216,SNR=120	S	S	10 58 37.3 -3.7		
E63A	Oxbow	36.29	32	P	P	10 53 07.8 -0.8
E63A	baz=227,SNR=104	S	S	10 58 41.0 -0.4		
E63A	Oxbow	36.29	32	IAmb	IAmb	10 53 11.9
E04D	Cinebar	36.32	328	P	P	10 53 09.6 +0.7
E04D	baz=133,SNR=72	S	S	10 58 46.0 +4.2		
D62A	Allapont, All	36.43	31	P	P	10 53 09.4 -0.4
D62A	baz=226	S	S	10 58 42.0 -1.5		
E64A	Briewater	36.59	33	P	P	10 53 10.3 -0.8
E64A	baz=228,SNR=82	S	S	10 58 45.4 +0.6		
PQI	Presque Isle	36.66	32	IAmb	IAmb	10 53 15.4
PQI	comp=Z,240nm,0.8s	S	S	10 53 19.4		
E03A	Lebam	36.82	327	IAmb	IAmb	10 53 14.3 +1.0
D04E	Lakebay	36.84	329	P	P	10 53 12.9 -0.6
D63A	Stockholm	36.87	32	P	P	10 58 48.7 -1.5
D63A	baz=227,SNR=292	S	S	10 53 16.0 0.0		
FFC	Film Flon	37.17	354	P	P	10 53 16.0 0.0
FFC	Film Flon	37.17	354	P	P	10 53 16.2 +0.1
B06A	Marblemount	37.18	331	P	P	10 53 17.1 +0.4
D03D	Eldon	37.25	329	P	P	10 58 57.4 +1.5
D03D	baz=133,SNR=329	S	S	10 53 16.8 -0.1		
B05A	Bryant	37.28	330	P	P	10 58 58.0 +1.7
B05A	baz=135,SNR=163	S	S	10 53 20.3 +1.1		
NLWA	Neilton Lookou	37.54	328	P	P	10 53 23.8
NLWA	comp=Z,745nm,1.1s	IAmb	IAmb	10 53 22.7 +0.7		
A04D	Lummi Island	37.89	331	P	P	10 59 08.9 +3.4
A04D	baz=135,SNR=153	S	S	10 53 27.3		
BATG	Bathurst New B	38.07	33	IAmb	IAmb	10 53 27.3
BATG	comp=Z,614nm,0.8s	S	S	10 53 24.7 +0.1		
PGC	Sidney	38.19	330	P	P	10 53 29.1
PGC	comp=Z,574nm,0.9s	IAmb	IAmb	10 53 34.3 -1.1		
GBN	Guyaborough	39.48	38	P	P	10 53 30.5 -1.1
GBN	comp=Z,380nm,1.1s	IAmb	IAmb	10 53 35.5 -1.1		
PTGA	Pitinga	39.58	114	eP	P	10 53 35.5 -1.1
PTGA	Pitinga	39.58	114	eP	P	10 53 40.0 -1.5
PTGA	comp=Z,764nm,1.6s	IAmb	IAmb	10 54 10.5 +4.1		
MACA	Manacapura-AM	40.20	118	eP	P	10 54 18.4
MACA	MACA	40.20	118	eP	P	10 53 51.2 -2.0
FCC	Fort Churchill	40.90	1	IAmb	IAmb	10 53 51.2 -2.0
FCC	comp=Z,823nm,1.8s	S	S	10 53 52.1 -2.0		
SAML	Samuel	41.59	127	P	P	10 53 52.1 -2.0
SAML	comp=Z,454nm,1.3s	pmax	pmax	10 54 03.2 -1.0		
SAML	Samuel	41.59	127	P	P	11 15 28.5
SAML	comp=Z,454nm,1.3s	IAmb	IAmb	11 15 28.5		
SCHO	Schefferville	43.00	24	P	P	10 54 03.2 -1.0
SCHO	comp=Z,326nm,0.8s, baz=230,slow=6.6,SNR=56	S	S	11 00 18.4 -3.1		
SCHO	comp=Z,19nm,0.9s, baz=315,slow=19,SNR=0.9	LR	LR	10 54 03.3 -0.8		
SCHO	Schefferville	43.00	24	P	P	10 54 07.3
LPAZ	La Paz	43.34	140	P	P	10 54 07.6 -0.4
LPAZ	comp=Z,470nm,0.9s	IAmb	IAmb	11 00 33.4 +5.0		
LPAZ	comp=Z,70nm,0.8s, baz=330,slow=7.8,SNR=103	S	S	11 25 39.2 -2.0		
LPAZ	comp=Z,11nm,1.1s, baz=142,slow=7.8,SNR=3.2	P	P	10 54 07.8 -0.2		
LPAZ	La Paz	43.34	140	eP	P	10 54 37.1 +4.2
LPAZ	La Paz	43.34	140	eP	P	10 54 07.8 -0.2
LPAZ	La Paz	43.34	140	P	P	10 54 07.5 -0.5
AP01	Chacalluta	43.68	144	P	P	10 54 09.9 -0.1
AP01	comp=Z,975nm,1.2s	IAmb	IAmb	10 54 16.3		
MDP	Montagnes des	43.80	101	P	P	10 54 10.9 -0.2
MDP	comp=Z,29nm,0.9s, baz=292,slow=6.8,SNR=11	S	S	10 55 56.9 +0.9		
MDP	Montagnes des	43.80	101	P	P	10 54 10.9 -0.2
MDP	comp=Z,91nm,1.1s, baz=286,slow=5.6,SNR=7.0	S	S	10 54 17.8		
PB12	IPOC Station P	43.88	144	eP	P	10 54 15.2 +1.0
PB12	IPOC Station P	43.88	144	IAmb	IAmb	10 54 17.8
PB16	IPOC Station P	44.12	143	eP	P	10 54 17.8
PB16	IPOC Station P	44.12	143	P	P	10 54 17.8
PB16	IPOC Station P	44.12	143	P	P	10 54 17.8
MMMC	Minye Minye	44.70	144	P	P	10 54 19.1 +0.6
MMMC	comp=Z,933nm,1.1s	IAmb	IAmb	10 54 19.0 +0.5		
MMMC	Minye Minye	44.70	144	eP	P	10 54 19.0 +0.5
PSGCX	Pisagua	44.79	145	eP	P	10 54 18.2 -0.8
PSGCX	Pisagua	44.79	145	P	P	10 54 25.2
ITTB	Iaituba	45.04	116	eP	P	10 54 18.3 -2.7
ITTB	comp=Z,472nm,0.9s	P	P	10 54 49.3 +3.3		
MALB	Monte Alegre	45.12	111	eP	P	10 54 18.0 -3.6
MALB	comp=Z,556nm,1.3s	P	P	10 54 49.0 +2.4		
PB11	IPOC Station P	45.18	145	eP	P	10 54 21.8 -0.3
PB11	IPOC Station P	45.18	145	P	P	10 54 21.9 -0.1
PB11	IPOC Station P	45.18	145	IAmb	IAmb	10 54 28.3

Table with columns for station name, frequency, and other technical details. Includes stations like Cerro Coronel, Paulatuk, Araguaiana, MT, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like CAPN, SUSTINA One, ILLULI, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like LPA, GUANDU, BA, SETE CIDADES, etc.

29d 10h

2014 JUL

1412

Table with multiple columns containing station names, coordinates, and various data points. The table is organized into several vertical sections, each starting with a station name and followed by its details.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like XAN, MBAR, BOS, BOSA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MHTO, ASAR, GUN, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PSI, CISI, KCSI, etc.

PGC 29 10 51:09.11.9, 50.72N, 130.40W, h10km, MLN3.2/18, Mw3.9/18, Mw3.9/18, 210km west of Pt. Hardy, BC Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like HOLB, PACB, PHC, etc.

ASRS 29 11:06:39.1:0.2, 51°N, 129°45'E, h5km, MLH3.5/14, smi:org.gfpzsdam.de/geofon/LOCST earthModelID smi:org.gfpzsdam.de/geofon/tab confirmed, Southwestern Siberia

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like ARDR, ARDR, TDUR, etc.

IDC 29 11:52:6.1.1, 55.43S, 27.23W, h0km, mb4.0/4, mb1 4/14, mb1mx3.8/29, mbtmp4.0/4, Error ellipse: s-maj=68.9km s-min=24.5km az=72.0 NEIC 29 11:53.6:2.3, 55.4S:0.1:27.2W:0.2, h10km, 1km, mb4.4/11, Error ellipse: s-maj=129.1km s-min=11.9km sz=4.0

ISCN 29 11:53.9:0.8, 55.4S:0.1:27.2W:0.1, h10km, 9km, s12/18, mb4.3/6, South Sandwich Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like HOPE, HOPE, EPI, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CASY Casey, KOLN Koldanda, DANN Dangsing, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TDK baz=318, TDK comp=Z,4um,18.2s, baz=318, TDK Taldyqorghan, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BTLS comp=E,198nm,8.6s, BTLS comp=Z,758nm,17.0s, CUT comp=Z,244, etc.

29d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Y58A Scranton, G60A Greensboro, PKME Peaks of PK, etc.

2014 JUL

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like TOB3 Torodi Ar. Sit, TOA2 Torodi Ar. Sit, TOB1 Torodi Ar. Sit, etc.

1422

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like NEIC 29 13:34:52.6, AEIC 29 13:34:53.5, ISC 29 13:34:51.9, etc.

29d 16h

Table with columns for station code, name, frequency, and other technical details. Includes stations like VWA, SIJI, MSAL, AAI, SOEI, etc.

2014 JUL

Table with columns for station code, name, frequency, and other technical details. Includes stations like YHNB, JKA, ASAJ, etc.

1426

Table with columns for station code, name, frequency, and other technical details. Includes stations like H03S3, Y14A, SHPR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH Athens Observa, MRKA Markates, NEO Neokhori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLMT Red Lodge, RSSD Black Hills, YNE Yellowstone No, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT02 Curacav, MT02, RO01 El Roble, etc.

IDC 29 20:51:11.5s.3, 1.58N-99.65E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/4.1, mbtmp3.8/4, Error ellipse: s-maj=276.3km

NEIC 29 20:51:31.5s.1.0, 1.53N-0.099967E, 0.03, h182km, 11km, mb4.3/5, Error ellipse: s-maj=13.2km s-min=3.4km

ISC 29 20:51:31.0s.1.1, 1.55N-0.099969E, 0.08, h166km, n15, a=153/15, mb4.0/7, Northern Sumaterra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RPSI Rantau Prapat, BKNI Bangkinang, GSI Gunungsitoli, etc.

BUI 29 20:02:00.0s.0.0, 5.6S:27.60W, h103km, mB5.2/3

NEIC 29 20:03:03.9s.1.3, 5.6S:1.0S:1.27, 6W:0.2, h108km, 4km, mb4.8/39, Error ellipse: s-maj=18.4km s-min=11.6km

IDC 29 21:04:04.9s.0.6, 5.6S:14S:27.20W, h18km, 5km, mb4.6/9, mb1 4.8/11, mb1 4.8/11, mbtmp5.0/11, MS3.2/4

ISC 29 21:04:03.8s.0.3, 5.6S:15S:07.27, 59W:0.07, h112km, n105, a=194/113, mb4.8/24, 2D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like L34L Svendsen Farm, L34M Castle Valley, MTPU Mount Pierson, etc.

TORD Torodi Arr. Sit 73.25 30 P P 21 20 23.1 +0.7

TORD Torodi Arr. Sit 73.25 30 P P 21 20 23.1 +0.7

TORD Torodi Arr. Sit 73.25 30 P P 21 20 23.1 +0.7

TORD Torodi Arr. Sit 73.25 30 P P 21 20 23.1 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, PDAR Pinedale Array, HWHT Hardware Ranch, etc.

NEIC 29 20:57:20.9s.0.6, 16.9S:0.2-17.95W, h0km, mb4.1/3, mb4.6/5, Error ellipse: s-maj=38.0km s-min=7.9km

IDC 29 20:57:20.2s.4.4, 16.83S:177.02W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/4.6, mbtmp4.1/3, Error ellipse: s-maj=188.3km s-min=50.0km az=140.0

ISC 29 20:57:22.6s.2.2, 16.55S:0.3-176.8W:0.3, h35km, n14, a=687/14, mb4.5/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, STKA Stephens Creek, STKA Stephens Creek, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOPE Hope Point, HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EFI East Falkland, EFI East Falkland, SNA4 Sanae, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAR Garm, GAR Garm, BTK Batken, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH Kashi, KSH Kashi, KSH Kashi, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES ARCES Array Arr, ARCES ARCES Array Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

IDC 29 21:04:48.2s.2.8, 45.65N:106.38W, h0km, mb1 3.3/4, mb1mx3.1/37, mbtmp2.8/4, ML3.6/3, Error ellipse:

IDC 29 21:04:48.2s.2.8, 45.65N:106.38W, h0km, mb1 3.3/4, mb1mx3.1/37, mbtmp2.8/4, ML3.6/3, Error ellipse:

IDC 29 21:04:48.2s.2.8, 45.65N:106.38W, h0km, mb1 3.3/4, mb1mx3.1/37, mbtmp2.8/4, ML3.6/3, Error ellipse:

29d 21h

Table with columns: RIDG, NRK, HHC, ILAR, ILAR, GHO, WRH, KDAK, OHAK, SONM, SONM, TLY, PPLA, MJAR. Includes station names, coordinates, and various codes.

JMA 29 21:13:47.3,0.1,24.61N,122.58E,h101km,1km,M2.3
TAP 29 21:13:47.7,24.70N,122.60E,h95km,ML3.2,0
ISC 29 21:13:48.2,1.4,24.66N,122.60E,0.02,h93km,8km,
n102,0.08/172,Taiwan region

Main table for 29d 21h with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Yonagunijimaku, Yonaguni jima, Suao, etc.

2014 JUL

Main table for 2014 JUL with columns: WHF, NCU, JKRS, JKSJ, ESL, ESL, TWT, TWT, TDCB, TDCB, CHGB, CHGB, JJI, JJI, LIOB, LIOB, EGFH, EGFH, NSTT, NSTT, OWD, OWD, WHP, WHP, JISG, JISG, HGSD, HGSD, VVWD, VVWD, EHY, EHY, DPDB, DPDB, NMLH, NMLH, NSY, NSY, SMLT, SMLT, SSSL, SSSL, TYC, TYC, WDJ, WDJ, WHYT, WHYT, FULB, FULB, WJS, WJS, YUS, YUS, WNT, WNT, JTY, JTY, CHKT, CHKT, WCHH, WCHH, ALS, ALS, CHNS, CHNS, EDH, EDH, ELDTW, ELDTW, WDLH, WDLH, LONT, LONT, LDUT, LDUT, WTK, WTK, STYT, STYT, TPUB, TPUB, WTP, WTP, CHY, CHY, TWGBT, TWGBT, TWG, TWG, JIRB, JIRB, TWK, TWK, CHN1, CHN1, SNST, SNST, SSGT, SSGT, SLGT, SLGT, ICHU, ICHU, CHN8, CHN8, SCST, SCST. Lists various stations and their coordinates.

1434

Table with columns: SSD, TSMG, MASBT, EAST, LAY, MATB, WVUC, PNG, PHUB, WDGJ. Includes station names, coordinates, and various codes.

UPA 29 21:21:30.5,2.1,8.63N,82.83W,h10km,4km,MW4.3
UCR 29 21:21:30.9,2.0,8.62N,82.84W,h18km,4km,MD3.8
ISC 29 21:21:30.2,1.0,8.62N,82.84W,0.02,h15km,8km,
n44,0.08/68,16C-11D,Panama-Costa Rica border region

Main table for 1434 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Monte Lirio, C, Volcan, Paso Ancho, etc.

IDC 29 21:36:57.5,1.4,35.28N,36.50W,h0km,mb3.6/8,
mb1.3/9.8,mb1mx3.6/39,mbtmp3.6/8,MS3.4/4,Ms1.3/4.4,
ms1mx2.7/53,Error ellipse: s-maj=46.2km s-min=21.5km
az=6.0

ISC 29 21:37:00.4,1.3,35.3N,0.36:36.5W,0.1,h18km,n16,
0.0549R,mb3.6/8,Northern Mid-Atlantic Ridge region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Sonseca Array, Schefferville, etc.

IDC 29 21:55:01.0,9.7,10.58N,93.68E,h206km,91km,mb3.1/6,
mb1.3/2.7,mb1mx2.9/55,mbtmp3.6/7,Error ellipse:
s-maj=90.5km s-min=15.2km az=47.0,Andaman Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Chiang Mai Arr, Diego Garcia H, etc.

29d 22h

Table with columns: COI, Coimbra, 22.57 69 P, IAMB, IAMB, 22 09 41.9 -2.1, 22 10 20.2, etc.

2014 JUL

Table with columns: D60A, Saint Jean D'O, 28.24 305 P, P, 22 10 37.2 +0.6, etc.

1436

Table with columns: J57A, Williamstown, 31.42 297 P, P, 22 11 03.8 -1.1, etc.

O56A	Blue Knob Stat	33.45	291	P	P	22 11 21.1	-1.7
O56A	Blue Knob Stat	33.45	291	IAMS_20	IAMS_20	22 22 04.7	
Q57A	Strasburg	33.47	289	P	P	22 11 21.4	-1.5
M55A	Ridgway	33.51	293	P	P	22 11 22.0	-1.2
M55A	Ridgway	33.51	293	IAMS_20	IAMS_20	22 21 59.1	
W60A	Pink Hill	33.60	282	P	P	22 11 23.5	-0.6
R57A	Stanardsville	33.65	288	P	P	22 11 24.9	+0.4
MDP	Montagnes des	33.67	210	P	P	22 11 19.5	-5.3
MDP	Montagnes des	33.67	210	IAMS_20	IAMS_20	22 21 19.5	-5.3
CNCC	Cliffs of the	33.70	282	P	P	22 11 23.6	
SADO	Sadowa	33.71	299	P	P	22 11 24.9	0.0
SADO	Sadowa	33.71	299	IAMB	IAMB	22 11 42.2	
N55A	Marion Center	33.73	292	P	P	22 11 25.9	+0.7
P56A	Dayton Farm, R	33.74	290	P	P	22 11 26.1	+0.9
F52A	Sundridge	33.87	301	P	P	22 11 25.4	-0.9
V59A	Middlesex	33.87	283	P	P	22 11 26.5	+0.1
L54A	Sinclairville	33.88	295	P	P	22 11 26.3	-0.2
T58A	Grand View Acr	33.88	285	P	P	22 11 26.7	+0.2
BNI	Bardonecchia	33.91	60	IAMS_20	IAMS_20	22 22 06.7	
WLF	Waldendange	33.95	52	pP	pP	22 11 29.6	+0.2
WLF	Waldendange	33.95	52	IAMS_20	IAMS_20	22 22 39.9	
D51A	Lot 18 Range I	33.98	304	P	P	22 11 27.5	+0.2
U58A	Oxford	33.99	284	P	P	22 11 27.2	-0.3
MEM	Membach	34.02	50	P	P	22 11 28.2	+0.7
MEM	Membach	34.02	50	pP	pP	22 11 30.8	-0.4
MEM	Membach	34.02	50	sP	sP	22 11 31.9	+1.9
O55A	Ligonier	34.02	291	P	P	22 11 29.0	+1.3
E51A	G1948 Merrick	34.03	303	P	P	22 11 27.9	+0.2
S57A	Dark Hollow, R	34.07	287	P	P	22 11 27.0	-1.2
S57A	Dark Hollow, R	34.07	287	IAMB	IAMB	22 11 31.3	
S57A	Dark Hollow, R	34.07	287	IAMS_20	IAMS_20	22 21 51.2	
M54A	Oil Creek Stat	34.18	294	P	P	22 11 28.5	-0.6
M54A	Oil Creek Stat	34.18	294	P	P	22 11 29.4	+0.3
M54A	Oil Creek Stat	34.18	294	IAMS_20	IAMS_20	22 22 30.9	
SC01	Santiago de lo	34.19	251	IAMS_20	IAMS_20	22 20 50.5	
Y60A	Bolivia	34.25	280	P	P	22 11 31.5	+1.8
F51A	Arnstein	34.29	301	P	P	22 11 30.1	+0.2
D56A	G1974 Best Tow	34.31	304	P	P	22 11 30.2	0.0
R50A	Bull Pasture M	34.32	288	P	P	22 11 31.2	+0.7
ERPA	Erie	34.38	295	IAMS_20	IAMS_20	22 24 40.2	
SENIN	Lac Senin/Sane	34.40	58	IAMS_20	IAMS_20	22 22 25.5	
ECH	Echery	34.44	55	P	P	22 11 32.1	+0.9
ECH	Echery	34.44	55	IAMS_20	IAMS_20	22 22 36.6	
T57A	Hurt	34.44	286	P	P	22 11 31.6	+0.3
N54A	Moraine State	34.47	293	P	P	22 11 31.6	0.0
N54A	Moraine State	34.47	293	IAMB	IAMB	22 11 34.6	
MCWV	Mont Chateau	34.50	290	P	P	22 11 32.3	+0.4
P55A	Reedsview	34.50	290	P	P	22 11 31.2	-0.7
FRB	Frrobisher Bay	34.53	335	P	P	22 11 29.6	-2.2
ALLY	Alegheny Colle	34.53	294	IAMS_20	IAMS_20	22 25 09.1	
V58A	Windy Hill, Pi	34.56	283	P	P	22 11 33.3	+0.1
S56A	Natural Bridge	34.56	287	P	P	22 11 33.1	+0.6
L53A	Girard	34.60	294	P	P	22 11 32.3	-0.4
U57A	Blanch	34.61	285	P	P	22 11 32.6	-0.2
J52A	Paris	34.69	297	P	P	22 11 32.8	-0.6
Q55A	Buckhannon	34.76	289	P	P	22 11 34.3	+0.1
Y59A	Loris	34.79	280	P	P	22 11 36.0	+1.7
W58A	Raeford	34.83	282	P	P	22 11 34.8	+0.1
O54A	Avella	34.84	291	P	P	22 11 34.1	-0.7
O54A	Avella	34.84	291	IAMB	IAMB	22 11 38.0	
O54A	Avella	34.84	291	IAMS_20	IAMS_20	22 22 47.5	
SDDR	Presa de Saban	34.87	251	P	P	22 11 38.3	+3.0
SDDR	Presa de Saban	34.87	251	IAMB	IAMB	22 11 45.3	
SDDR	Presa de Saban	34.87	251	IAMS_20	IAMS_20	22 22 03.7	
E50A	Wahnapitae	34.88	302	P	P	22 11 35.9	+0.8
R55A	Marlinton	34.90	288	P	P	22 11 36.9	+1.5
M53A	WI Miller and	34.95	294	IAMS_20	IAMS_20	22 22 55.1	
P54A	Burton	34.99	290	P	P	22 11 34.9	-1.2
X58A	Rowland	35.02	281	IAMS_20	IAMS_20	22 23 07.4	
T56A	Rocky Mt	35.04	286	P	P	22 11 37.1	+0.5
V57A	Coltrane Farms	35.07	284	P	P	22 11 37.6	+0.8
I51A	Listowel	35.07	298	P	P	22 11 36.7	0.0
N53A	Lisbon	35.13	292	P	P	22 11 37.0	-0.2
N53A	Lisbon	35.13	292	IAMB	IAMB	22 11 40.8	
BFO	Black Forest	35.22	54	P	P	22 11 38.5	+0.5
BFO	Black Forest	35.22	54	IAMS_20	IAMS_20	22 23 00.5	
S55A	Lewisburg	35.28	287	P	P	22 11 38.2	-0.5
Z59A	Georgetown, SC	35.31	279	P	P	22 11 40.2	+1.3
BLA	Blacksburg	35.32	286	P	P	22 11 39.8	+0.8
Q54A	Coxs Hills	35.35	289	P	P	22 11 39.6	+0.5
D49A	Beulah Townshi	35.35	304	P	P	22 11 39.1	0.0
W57A	Gilead	35.40	283	P	P	22 11 39.7	0.0
Y58A	Scranton	35.45	280	P	P	22 11 40.6	+0.5
M52A	Chesterland	35.45	294	P	P	22 11 39.2	-0.8
M52A	Chesterland	35.45	294	IAMS_20	IAMS_20	22 23 10.4	
R54A	Victor	35.59	288	P	P	22 11 42.1	+0.8
T55A	Pulaski	35.62	286	P	P	22 11 42.7	+1.1
D48A	Paudash Townsh	35.65	303	P	P	22 11 41.9	+0.3
V56A	Mocksville	35.66	284	P	P	22 11 43.1	+1.2

P53A	Whipple	35.70	290	P	P	22 11 41.4	-0.9
P53A	Whipple	35.70	290	IAMB	IAMB	22 12 00.0	
P53A	Whipple	35.70	290	IAMS_20	IAMS_20	22 23 23.2	
Z58A	St. Stephen	35.71	280	P	P	22 11 44.3	+2.0
N52A	McGinn's Farm,	35.77	293	P	P	22 11 43.2	+0.4
F49A	Sandfield	35.77	301	P	P	22 11 42.9	+0.8
TUE	Stuetta	35.81	58	P	P	22 11 43.8	+0.4
TUE	Stuetta	35.81	58	IAMB	IAMB	22 11 51.7	
TUE	Stuetta	35.81	58	IAMS_20	IAMS_20	22 23 12.1	
STU	Stuttgart	35.83	54	IAMS_20	IAMS_20	22 23 19.6	
E48A	Lockeyer	35.87	302	P	P	22 11 43.3	-0.3
W56A	Indian Trail	35.88	283	P	P	22 11 43.7	0.0
Q53A	Leroy	35.90	289	P	P	22 11 42.9	-1.0
S54A	Dingess, Beckl	35.91	287	P	P	22 11 44.1	+0.1
S54A	Dingess, Beckl	35.91	287	IAMB	IAMB	22 11 44.8	+0.7
S54A	Dingess, Beckl	35.91	287	IAMS_20	IAMS_20	22 21 56.0	
M55A	Maissana	35.94	61	IAMS_20	IAMS_20	22 24 38.4	
O52A	Adamsville	35.96	291	P	P	22 11 44.0	-0.4
O52A	Adamsville	35.96	291	IAMB	IAMB	22 12 02.7	
O52A	Adamsville	35.96	291	IAMS_20	IAMS_20	22 23 33.0	
Y57A	Sumter	36.00	281	IAMS_20	IAMS_20	22 23 16.3	
NH5C	New Hope	36.07	279	IAMS_20	IAMS_20	22 23 13.2	
M51A	Elyria	36.09	294	P	P	22 11 45.4	-0.1
F48A	Evansville	36.18	301	P	P	22 11 46.4	+0.2
DAVA	Danuels	36.20	56	eP	P	22 11 45.6	-1.0
V55A	Taylorville	36.22	284	P	P	22 11 46.8	+0.1
V55A	Taylorville	36.22	284	IAMS_20	IAMS_20	22 23 05.0	
P52A	Corning	36.25	291	P	P	22 11 47.4	+0.5
P52A	Corning	36.25	291	IAMB	IAMB	22 12 08.2	
P52A	Corning	36.25	291	IAMS_20	IAMS_20	22 23 40.7	
T54A	Tazewell	36.25	286	P	P	22 11 47.7	+0.7
V5L	Villasalto	36.26	70	IAMS_20	IAMS_20	22 23 25.7	
N51A	Ashland	36.27	293	P	P	22 11 47.5	+0.4
N51A	Ashland	36.27	293	IAMB	IAMB	22 11 48.0	+0.9
R53A	Hurricane	36.31	288	P	P	22 11 48.1	+0.7
I49A	Point Hope	36.37	298	P	P	22 11 48.0	+0.2
I49A	Point Hope	36.37	298	IAMB	IAMB	22 11 59.8	
X56A	White Oak	36.39	282	P	P	22 11 48.6	+0.4
Z57A	Bowman	36.44	280	P	P	22 11 49.7	+1.1
Q52A	Bidwell	36.45	290	P	P	22 11 48.7	0.0
KM5C	Kings Mountain	36.47	283	P	P	22 11 49.2	+0.3
KM5C	Kings Mountain	36.47	283	IAMS_20	IAMS_20	22 23 00.8	
D47A	Chapleau	36.53	303	P	P	22 11 48.8	-0.5
O51A	Patskaska	36.54	292	P	P	22 11 49.1	-0.3
U54A	Nelsons Funny	36.55	285	P	P	22 11 50.8	+1.2
U54A	Nelsons Funny	36.55	285	IAMB	IAMB	22 11 54.5	
U54A	Nelsons Funny	36.55	285	IAMS_20	IAMS_20	22 23 38.9	
S53A	Williamson	36.56	287	P	P	22 11 50.4	+0.7
VLC	Villacollemand	36.57	62	IAMS_20	IAMS_20	22 24 59.0	
E47A	Iron Bridge	36.64	302	P	P	22 11 49.4	-0.8
FETA	Feichten	36.78	57	eSP	sP	22 11 54.9	-0.4
RETA	Reutling	36.81	56	eSP	sP	22 11 54.1	-1.3
V54A	Nebo	36.81	284	P	P	22 11 51.4	-0.4
AC50	Alum Creek Sta	36.82	292	P	P	22 11 51.6	-0.1
AC50	Alum Creek Sta	36.82	292	IAMS_20	IAMS_20	22 24 09.7	
X55A	Gracelyn & Aa	36.88	282	P	P	22 11 52.0	-0.3
KEST	Keasa	36.93	76	LR	LR	22 25 28.9	
Z56A	Williston	36.97	280	IAMS_20	IAMS_20	22 23 52.0	
P51A	Williamsport	36.98	291	P	P	22 11 53.3	+0.1
P51A	Williamsport	36.98	291	IAMB	IAMB	22 12 04.7	
P51A	Williamsport	36.98	291	IAMS_20	IAMS_20	22 24 02.1	
ZCCA	Zocca	36.99	61	IAMS_20	IAMS_20	22 25 36.0	
T53A	Wise	37.02	286	P	P	22 11 53.1	-0.5
MOTA	Moosalm	37.04	56	ePP	P	22 11 54.5	+0.8
AAM	Ann Arbor	37.09	295	IAMS_20	IAMS_20	22 26 56.7	
SQTA	Sankt Quirin	37.11	57	eSP	sP	22 11 56.8	-1.2
MUD	Monsted Ugrnd	37.14	41	iP	P	22 11 56.3	+2.1
D46A	Sault St. Mari	37.16	303	P	P	22 11 54.4	-0.3
W54A	Cherokee Point	37.17	283	P	P	22 11 55.0	+0.2
Y55A	Saluda	37.20	281	P	P	22 11 54.7	-0.3
GRA1	Grabenberg Arr	37.23	52	IAMS_20	IAMS_20	22 24 45.5	
GRF	Grabenberg Arr	37.23	52	eP	P	22 11 56.9	+1.8
SUMG	Summit	37.28	359	iP	P	22 11 55.0	-0.8
SUMG	Summit	37.28	359	P	P	22 11 55.0	-0.8
SUMG	Summit	37.28	359	IAMB	IAMB	22 12 03.0	
E46A	Sault Ste Mari	37.35	302	P	P	22 11 55.1	-1.1
WATA	Walderalm	37.36	56	eP	P	22 11 55.9	-0.6
WTTA	Wattenberg	37.40	56	eP	P	22 11 56.0	-0.8
CTI	Castel Tesino	37.41	58	IAMS_20	IAMS_20	22 24 47.3	
X54A	Belton	37.45	282	P	P	22 11 54.5</	

WHXT	Lake Whitney, baz=68	50.24 285	P	P	22 13 40.6 +0.6
WHXT	Lake Whitney, comp=Z,1um,21.0s	50.24 285	IAMS_20	IAMS_20	22 32 05.2
TGUH	Teguquila,Un comp=Z,307nm,20.0s	50.27 258	IAMS_20	IAMS_20	22 29 42.6
WMOK	Wichita Mounta baz=70	50.31 288	P	P	22 13 40.1 -0.5
WMOK	Wichita Mounta comp=Z,28nm,1.2s	50.31 288	IAMB	IAMB	22 13 56.8
DGMT	Dagmar baz=78	50.50 307	P	P	22 13 43.1 +1.0
DGMT	Dagmar comp=Z,838nm,18.0s	50.55 307	IAMS_20	IAMS_20	22 34 31.3
JVS	Las Juntas de comp=Z,1um,19.0s	50.63 253	IAMS_20	IAMS_20	22 30 01.0
LZT	Lovozero comp=Z,1um,20.0s	50.65 28	IAMS_20	IAMS_20	22 31 49.8
435B	Jarrell baz=67	50.79 283	P	P	22 13 44.7 +0.5
435B	Jarrell comp=Z,1um,19.0s	50.79 283	IAMS_20	IAMS_20	22 33 29.9
SAML	Samuel	50.84 215	P	P	22 13 44.3 -0.3
SAML	Samuel comp=Z,50nm,1.9s	50.84 215	IAMS_20	IAMS_20	22 33 31.6
ESQI	Esequialpa,Un comp=Z,1um,18.0s	51.65 260	IAMS_20	IAMS_20	22 33 56.2
ESQI	Esequialpa,Un comp=Z,960nm,20.0s	51.65 260	IAMS_20	IAMS_20	22 33 56.2
ABTX	Abilene, Hawle baz=68	51.73 286	P	P	22 13 51.5 +0.3
ABTX	Abilene, Hawle comp=Z,38nm,1.2s	51.73 286	IAMB	IAMB	22 14 06.5
ABTX	Abilene, Hawle comp=Z,1um,18.0s	51.73 286	IAMS_20	IAMS_20	22 32 53.7
MTOS	Montecristo	51.75 260	P	P	22 13 51.9 +0.1
MTOS	Montecristo comp=Z,1um,18.0s	51.75 260	IAMS_20	IAMS_20	22 32 21.0
KSCO	Kaye Shedlock' baz=72	51.85 295	P	P	22 13 50.8 -1.4
BDFB	Brasilia	51.93 194	P	P	22 13 52.9 +0.1
BDFB	Brasilia comp=Z,4.9nm,0.9s,baz=80,slow=7.1,SNR=5.5	51.93 194	LR	LR	22 30 57.7
BDFB	Brasilia comp=Z,1um,21.7s,slow=30	51.93 194	P	P	22 30 57.7
BDFB	Brasilia comp=Z,2um,21.0s	51.93 194	IAMS_20	IAMS_20	22 33 33.9 +1.1
SNET	Serv Nac Est T comp=Z,975nm,18.0s	52.05 259	IAMS_20	IAMS_20	22 32 25.7
MAOI	LASA Array	52.28 305	P	P	22 13 56.2 +1.0
LCO1	Montes Claros	52.30 189	eP	P	22 13 59.3 +3.8
OBN	Obninsk	52.45 44	P	P	22 13 54.5 -1.6
OBN	Obninsk comp=Z,4.5nm,0.5s,baz=288,slow=6.4,SNR=9.3	52.45 44	LR	LR	22 34 51.2
OBN	Obninsk comp=Z,482nm,20.0s	52.45 44	LR	LR	22 34 51.2
OBN	Obninsk	52.45 44	P	P	22 13 56.0 -0.1
AMTX	Amarillo	52.50 290	P	P	22 13 56.9 -0.1
AMTX	Amarillo comp=Z,29nm,0.8s	52.50 290	IAMB	IAMB	22 14 13.7
AMTX	Amarillo comp=Z,29nm,0.8s	52.50 290	IAMS_20	IAMS_20	22 35 46.9
JCT	Junction City	52.67 284	P	P	22 13 58.5 +0.2
JCT	Junction City baz=61	52.67 284	IAMS_20	IAMS_20	22 33 39.7
JCT	Junction City comp=Z,1um,20.0s	52.67 284	IAMS_20	IAMS_20	22 33 39.7
ARAG	Araguaiana, MT	52.87 199	eP	eP	22 14 00.5 +0.8
ARAG	Araguaiana, MT comp=Z,1um,22.0s	52.87 199	IAMS_20	IAMS_20	22 34 05.5
HUEH	Huehuetenango comp=Z,1um,22.0s	52.98 263	IAMS_20	IAMS_20	22 33 45.5
ETMB	Extrema	53.05 218	eP	P	22 13 58.4 -2.8
ETMB	Extrema comp=Z,1um,18.0s	53.05 218	IAMS_20	IAMS_20	22 31 29.6 -1.6
VILB	Vilhena	53.10 210	eS	P	22 14 00.6 -0.9
VILB	Vilhena comp=Z,1um,18.0s	53.10 210	IAMS_20	IAMS_20	22 14 03.6 -0.7
KLMR	Klimovskoe	53.12 36	eP	P	22 14 01.5 +0.4
KLMR	Klimovskoe comp=Z,1um,18.0s	53.12 36	IAMS_20	IAMS_20	22 14 01.5 +0.4
KLMR	Klimovskoe comp=Z,26nm,1.3s	53.12 36	AMP	AMP	22 14 01.5 +0.4
KLMR	Klimovskoe	53.12 36	S	S	22 21 33.5 +2.5
KLMR	Klimovskoe	53.12 36	S	S	22 21 33.5 +2.5
KLMR	Klimovskoe	53.12 36	LR	LR	22 31 12.5
KLMR	Klimovskoe	53.12 36	AMP	AMP	22 34 59.8
PHWY	Pilot Hill	53.22 299	IAMS_20	IAMS_20	22 36 13.5
K22A	Casper baz=73	53.58 300	P	P	22 14 04.9 -0.1
K22A	Casper comp=Z,2um,20.0s	53.58 300	IAMB	IAMB	22 14 06.7
MSTX	Muleshoe	53.67 289	P	P	22 14 05.7 0.0
MSTX	Muleshoe baz=66	53.67 289	IAMB	IAMB	22 14 20.9
MSTX	Muleshoe comp=Z,33nm,1.2s	53.67 289	IAMS_20	IAMS_20	22 35 11.0
MSTX	Muleshoe comp=Z,1um,18.0s	53.67 289	IAMS_20	IAMS_20	22 35 11.0
N23A	Red Feather La baz=72	53.70 298	P	P	22 14 06.1 +0.1
N23A	Red Feather La comp=Z,30nm,1.2s	53.70 298	IAMB	IAMB	22 14 24.3
BR231	Keskin MP Arra BR231	53.72 63	P	P	22 14 06.2 +0.2
BR231	Keskin MP Arra comp=Z,17nm,1.1s	53.72 63	IAMB	IAMB	22 14 16.1
ANTO	Ankara	53.72 63	eP	P	22 14 04.4 -1.5
ANTO	Ankara comp=Z,30nm,1.2s	53.72 63	IAMS_20	IAMS_20	22 14 06.2 +0.3
ANTO	Ankara comp=Z,913nm,22.0s	53.72 63	IAMS_20	IAMS_20	22 34 48.8
Q24A	Divide baz=71	53.73 296	P	P	22 14 06.1 -0.2
Q24A	Divide comp=Z,1.8nm,0.8s,baz=86,slow=4.2,SNR=3.7	53.73 296	LR	LR	22 14 06.1 -0.2
T25A	Trinidad	53.79 293	P	P	22 14 06.6 -0.1
T25A	Trinidad comp=Z,45nm,1.8s	53.79 293	IAMB	IAMB	22 14 23.8
T25A	Trinidad comp=Z,2um,20.0s	53.79 293	IAMS_20	IAMS_20	22 34 31.0
ISCO	Idaho Springs baz=71	53.80 297	P	P	22 14 06.8 0.0
ISCO	Idaho Springs comp=Z,25nm,1.4s	53.80 297	IAMB	IAMB	22 14 24.6
ISCO	Idaho Springs comp=Z,2um,22.0s	53.80 297	IAMS_20	IAMS_20	22 35 43.0
YKA	Yellowknife Ar	53.99 326	P	P	22 14 05.6 -1.9
YKA	Yellowknife Ar comp=Z,4.0nm,0.8s,baz=83,slow=7.5,SNR=26	53.99 326	PcP	PcP	22 15 12.4 0.0
YKA	Yellowknife Ar comp=Z,1.8nm,0.8s,baz=86,slow=6.2,SNR=3.7	53.99 326	LR	LR	22 15 12.4 0.0
YKA	Yellowknife Ar comp=Z,2um,18.2s,baz=0.0,slow=36	53.99 326	P	P	22 14 05.6 -1.9
YKA	Yellowknife Ar	53.99 326	P	P	22 14 09.3 -0.1
EGMT	Eagleton	54.26 308	P	P	22 14 11.1 +1.3
EGMT	Eagleton comp=Z,29nm,1.1s	54.26 308	IAMB	IAMB	22 14 12.3
RWWY	Rawlins	54.35 299	IAMB	IAMB	22 14 12.2
BR131	Keskin Array S	54.38 63	P	P	22 14 10.6 -0.2
BR131	Keskin Array S comp=Z,21nm,0.8s	54.38 63	P	P	22 14 09.0 -1.9
BRTR	Keskin Array B	54.38 63	P	P	22 14 09.0 -1.9
BRTR	Keskin Array B comp=Z,4.2nm,1.0s,baz=276,slow=4.1,SNR=16	54.38 63	LR	LR	22 37 18.9
BRTR	Keskin Array B comp=Z,329nm,18.6s,baz=266,slow=36	54.38 63	P	P	22 14 09.0 -1.9
SDCO	Great Sand Dun	54.40 294	P	P	22 14 10.7 -0.5
SDCO	Great Sand Dun comp=Z,26nm,1.6s	54.40 294	IAMB	IAMB	22 14 30.0
RLMT	Red Lodge	54.75 304	P	P	22 14 13.8 +0.3
RLMT	Red Lodge baz=73	54.75 304	IAMB	IAMB	22 14 35.0
RLMT	Red Lodge comp=Z,34nm,1.4s	54.75 304	IAMB	IAMB	22 14 35.0
CMIG	Matias Romero	54.79 267	LR	LR	22 35 03.1
S22A	4UR Ranch, Cre baz=69	55.39 295	P	P	22 14 18.5 +0.1
S22A	4UR Ranch, Cre comp=Z,2.7nm,1.7s	55.39 295	IAMB	IAMB	22 14 36.6
S22A	4UR Ranch, Cre comp=Z,1um,20.0s	55.39 295	IAMS_20	IAMS_20	22 35 40.1
O20A	White River Ci baz=70	55.60 298	P	P	22 14 19.8 +0.1
O20A	White River Ci comp=Z,1um,19.0s	55.60 298	IAMB	IAMB	22 14 22.5
PDAR	Pinedale Array	55.67 301	P	P	22 14 20.3 +0.1
PDAR	Pinedale Array comp=Z,14nm,1.0s,baz=76,slow=7.5,SNR=37	55.67 301	LR	LR	22 38 14.6

PDAR	Pinedale Array	55.67 301	P	P	22 14 20.3 +0.1
BW06	Boulder Array baz=71	55.67 301	P	P	22 14 20.0 -0.2
BW06	Boulder Array comp=Z,1um,21.0s	55.67 301	IAMB	IAMB	22 14 36.3
H17A	Grant Village baz=72	55.85 304	P	P	22 14 22.0 +0.5
ANMO	Albuquerque baz=68	56.13 292	LR	LR	22 36 17.0
ANMO	Albuquerque comp=Z,961nm,20.0s	56.13 292	P	P	22 14 23.5 -0.1
ANMO	Albuquerque baz=68	56.13 292	P	P	22 14 23.5 -0.1
ANMO	Albuquerque	56.13 292	P	P	22 14 24.9 +1.2
ANMO	Albuquerque	56.13 292	IAMB	IAMB	22 14 43.0
ANMO	Albuquerque	56.13 292	IAMS_20	IAMS_20	22 35 56.0
ANMO	Albuquerque	56.13 292	IAMS_20	IAMS_20	22 35 56.0
BOZ	Bozeman (W) baz=72	56.19 305	P	P	22 14 24.8 +0.9
BOZ	Bozeman (W) comp=Z,24nm,1.1s	56.19 305	IAMB	IAMB	22 14 42.2
TX32	Lajitas Array	56.20 284	IAMB	IAMB	22 14 40.2
TXAR	Lajitas Array comp=Z,21nm,0.9s	56.20 284	P	P	22 14 23.9 -0.1
TXAR	Lajitas Array comp=Z,6.0nm,1.0s,baz=91,slow=5.6,SNR=30	56.20 284	LR	LR	22 36 03.2
TXAR	Lajitas Array comp=Z,929nm,21.5s,baz=0.0,slow=33	56.20 284	P	P	22 14 23.9 -0.1
TXAR	Lajitas Array comp=Z,1um,19.0s	56.20 284	IAMB	IAMB	22 14 27.2
IMW	Indian Meadow	56.26 303	IAMB	IAMB	22 14 43.0
SNOW	Snow King Moun comp=Z,27nm,1.0s	56.27 303	IAMB	IAMB	22 14 41.4
TPAW	Teton Pass	56.40 303	IAMB	IAMB	22 14 43.0
FBTX	Fox Creek	56.40 303	IAMB	IAMB	22 14 43.8
PV22	Blue Mesa, Par comp=Z,18nm,1.1s	56.55 296	IAMB	IAMB	22 14 45.6
MNTX	Cornudas Mount baz=66	56.57 288	P	P	22 14 27.2 +0.6
MNTX	Cornudas Mount	56.57 288	P	P	22 14 26.4 -0.1
MNTX	Cornudas Mount	56.57 288	IAMS_20	IAMS_20	22 35 29.9
MNTX	Cornudas Mount comp=Z,997nm,20.0s	56.57 288	IAMS_20	IAMS_20	22 35 29.9
C36M	Paultuk	56.60 335	IAMS_20	IAMS_20	22 41 02.8
WALA	Waterton Lakes	56.63 310	IAMB	IAMB	22 14 28.8
MVCO	Mesa Verde	56.82 295	P	P	22 14 29.4 +0.9
MVCO	Mesa Verde baz=68	56.82 295	IAMS_20	IAMS_20	22 36 28.0
Y22D	IRIS PASCALI	56.82 291	IAMS_20	IAMS_20	22 37 12.2
M50	Missoula	57.33 307	P	P	22 14 31.9 +0.1
M50	Missoula baz=71	57.33 307	IAMB	IAMB	22 14 49.0
EPT	El Paso	57.42 288	IAMS_20	IAMS_20	22 43 42.2
HWUT	Hardware Ranch comp=Z,739nm,18.0s	57.46 301	IAMB	IAMB	22 14 39.5
GAZ	Gaziantep	57.91 65	P	P	22 14 36.2 +0.2
GAZ	Gaziantep comp=Z,1um,18.0s	57.91 65	IAMS_20	IAMS_20	22 38 19.7
121A	Cookes Peak, D	58.10 289	P	P	22 14 38.7 +1.2
121A	Cookes Peak, D comp=Z,25nm,1.0s	58.10 289	IAMB	IAMB	22 14 54.1
121A	Cookes Peak, D	58.10 289	IAMS_20	IAMS_20	22 40 52.1
KIROV	Kirov	58.50 38	P	P	22 14 38.0 -1.6
W18A	Petrified Fore	58.54 293	IAMS_20	IAMS_20	22 37 16.8
HLID	Hailey	58.74 304	P	P	22 14 42.5 +0.6
HLID	Hailey baz=69	58.74 304	IAMB	IAMB	22 15 00.0
HLID	Hailey comp=Z,21nm,1.4s	58.74 304	IAMB	IAMB	22 14 42.1 -0.6
DUG	Duway, Tooele baz=66	58.85 300	P	P	22 14 42.9 +0.2
NEW	Newport	58.90 310	P	P	22 14 42.9 +0.2
KBZ	Khaba	59.51 56	P	P	22 14 47.3 +0.3
KBZ	Khaba comp=Z,6.2nm,0.9s,baz=294,slow=6.6,SNR=10	59.51 56	LR	LR	22 40 21.3
LPAZ	La Paz	59.56 216	P	P	22 14 45.4 -2.9
LPAZ	La Paz comp=Z,6.5nm,0.9s,baz=1.8,slow=3.7,SNR=13	59.56 216	LR	LR	22 38 20.6
LPAZ	La Paz comp=Z,886nm,21.6s,baz=30,slow=34	59.56 216	P	P	22 14 45.5 -2.8
LPAZ	La Paz	59.56 216	eP	eP	22 14 48.5 -2.5
LPAZ	La Paz	59.56 216	IAMB	IAMB	22 14 59.2 0.0
WUAZ	Wupatki	59.61 294	P	P	22 14 49.6 +1.5
WUAZ	Wupatki baz=66	59.61 294	IAMB	IAMB	22 15 04.7
WUAZ	Wupatki comp=Z,28nm,1.1s	59.61 294	IAMS_20	IAMS_20	22 37 54.0
WUAZ	Wupatki comp=Z,1um,18.0s	59.61 294	IAMS_20	IAMS_20	22 37 54.0
319A	Douglass	59.73 289	IAMS_20	IAMS_20	22 41 54.5
319A	Douglass comp=Z,952nm,19.0s	59.73 289	IAMS_20	IAMS_20	22 41 54.5
C09A	Chrisman Ranch	59.78 309	IAMB	IAMB	22 15 05.8
U15A	North Rim	59.93 295	IAMB	IAMB	22 15 07.3
X16A	Lo Mia Camp, P	60.11 293	IAMB	IAMB	22 15 10.4
E09A	Wood Farm, Sta	60.16 308	IAMB	IAMB	22 14 53.6
INK	Inuvik	60.18 335	P	P	22 14 48.9 -2.2
INK	Inuvik comp=Z,14nm,1.0s,baz=57,slow=8.4,SNR=2.6	60.18 335	LR	LR	22 40 49.5
INK	Inuvik	60.18 335	P	P	22 14 48.9 -2.2
INK	Inuvik	60.18 335	IAMS_20	IAMS_20	22 37 54.5
BMO	Blue Mountains	60.22 306	IAMB	IAMB	22 15 09.6
B08A	Colville Reser	60.25 310	P	P	22 14 52.3 +0.3
ELK					

Table with columns for station ID, name, coordinates, and various data points. Includes stations like AFDM Forest Hills D, CCX Cicese, ORV Oroville, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like BRLL Bradley Lake, CNPM China Poot, HOM Home, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KSH, LL01 San Ignacio de, NIL Nilore, etc.

IDC 29:22:17.35:9.1, 5.8:92N:153:37W, h118km, 30km, mb3.7/3, mb1.3/6.7, mb1mx3.1/49, mb1mx3.9/7, MS4.1/1, Ms1.4/1/1, ms1mx2.8/43, Error ellipse: s-maj=36.1km s-min=17.1km az=116.0

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Redoubt Volcan, Augustine West, Augustine H, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCA Pinnacle, PNL Peninsula, COL Coldfoot, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, BRTR Keskin Array B, BRTR Augustinus Qik', etc.

30d Oh

WEL 29 23:38:50.0, 0.4, 33.3, S-4, 17.9W, h208km, 7km, M4, 2/26, mB4, 7/13, MLv4, 7/26, Mw(mB)4.0/1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like Green Lake, Raoul Island, Matakoaka Point, etc.

IDC 29 23:40:34.6, 1.2, 31.67N, 100.02E, h0km, mb3.6/10, mb1 3.6/11, mb1mx3.6/50, mbtmp3.7/11, ML3.4/1, MS3.3/1, Ms1 3.7/1, ms1mx3.7/1, Error ellipse: s-maj=34.9km s-min=21.5km az=34.0

NEIC 29 23:40:37.1, 1.5, 31.89N, 0.05, 100.26E, 0.08, h10km, 1km, mb4.1/7, Error ellipse: s-maj=13.3km s-min=6.7km az=242.0

ISC 29 23:40:37.0, 0.7, 31.88N, 0.10, 100.20E, 0.08, h10km, 22, a1512/22, mb3.8/13, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like KMI Kunming, XAN Xi'an, LSA Lhasa, etc.

IDC 29 23:49:49.1, 493.0, 6.179N, 53.14W, h0km, Error ellipse: s-maj=289.0km s-min=171.6km az=66.0, French Guiana

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like 109BR BRASILIA INFR, 108BO LAS PENAS INFR, etc.

IDC 30 00:19:45.6, 1.0, 7.19S, 38.14E, h0km, mb3.9/8, mb1 4.1/13, mb1mx3.9/36, mbtmp4.0/13, ML3.0/5, Error ellipse: s-maj=25.5km s-min=16.8km az=114.0

NEIC 30 00:19:46.8, 1.7, 7.16S, 0.03, 38.08E, 0.1, h10km, 1km, mb4.2/7, Error ellipse: s-maj=19.0km s-min=5.4km az=101.0

EAF 30 00:19:47.3, 3.2, 7.35S, 37.78E, h10km, M4.6

ISC 30 00:19:45.9, 0.6, 7.25S, 0.04, 37.93E, 0.06, h10km, n44, a252/66, mb3.9/10, Tanzania

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like KIBA Kibaya, KOND Kondoa, SINGT Singida, etc.

ISC 30 00:20:21.5, 2.4, 7.08S, 129.51E, h0km, mb3.5/1, mb1 3.7/3, mb1mx3.4/23, mbtmp3.5/3, ML3.6/2, Error ellipse: s-maj=145.4km s-min=33.5km az=68.0, Banda Sea

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

IDC 30 00:39:42.9, 8.4, 31.20S, 178.64W, h355km, 28km, mb3.2/2, mb1 3.6/3, mb1mx3.1/23, mbtmp4.0/3, Error ellipse: s-maj=267.0km s-min=32.5km az=156.0, Kermadec Islands region

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

IDC 30 00:53:51.1, 1.1, 3.188N, 90.65W, h0km, mb3.9/8, mb1 4.2/8, mb1mx3.9/36, mbtmp3.9/8, MS3.4/15, Ms1 3.4/15, ms1mx3.3/31, Error ellipse: s-maj=71.4km s-min=18.8km az=55.0

NEIC 30 00:53:52.1, 2.0, 1.72N, 0.04, 90.6W, 0.1, h10km, 1km, mb4.4/39, Error ellipse: s-maj=21.3km s-min=6.7km az=92.0

ISC 30 00:53:51.8, 0.7, 1.76N, 0.08, 90.6W, 0.1, h10km, n65, a113/39, mb4.3/22, MS3.4/5, Galapagos Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like PAYG Puerto Ayora, HDC Haderia, etc.

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

IDC 30 00:55:03.5, 1.0, 38.08N, 24.05E, h0km, mb3.5/9, mb1 3.6/13, mb1mx3.5/48, mbtmp3.5/13, ML3.6/2, MS3.0/2, Ms1 3.0/2, ms1mx2.3/35, Error ellipse: s-maj=19.9km s-min=17.7km az=97.0

PDG 30 00:55:04.9, 0.6, 38.07N, 24.10E, h15km, 1km, ML3.7/13, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

ATH 30 00:55:04.1, 38.04N, 24.12E, h19km, 1km, ML3.6/23, Error ellipse: s-maj=1.4km s-min=0.9km az=263.0

ISK 30 00:55:04.7, 38.06N, 24.06E, h16km, ML3.5/47

THE 30 00:55:05.0, 38.04N, 24.11E, h2km, 1km, ML3.7/20, Error ellipse: s-maj=1.0km s-min=0.4km az=267.0

DDA 30 00:55:08.0, 38.15N, 24.17E, h52km, 132km, MW3.5

ISC 30 00:55:04.6, 0.8, 38.05N, 0.02, 24.12E, 0.01, h11km, 5km, n207, a145/269, mb3.6/9, 15C-13D, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists stations like DION Dionisos Attik, KARY Karystos, etc.

VLY	Voula,Athens	0.33 233	P	Pg	00 55 11.0 -0.2
VLY	comp=N,21um,0.3s		S	Sg	00 55 15.4 -0.2
VLY	Voula,Athens	0.33 233	P	Pg	00 55 11.0 -0.2
VLY	comp=N,21um,0.3s		S	Sg	00 55 14.8 -0.8
VLY	comp=N,5490um,0.3s		AML	AML	00 55 15.6
VLY	comp=N,35233um,0.3s		AML	AML	00 55 17.9
ATH	Athens Observa	0.33 256	P	Pg	00 55 11.2 0.0
ATH	comp=E,12um,0.3s		S	Sg	00 55 15.8 +0.1
ATH	Athens Observa	0.33 256	P	Pg	00 55 11.2 0.0
ATH	comp=N,24562um,0.4s		AML	AML	00 55 16.7
ATH	comp=E,25013um,0.4s		AML	AML	00 55 18.0
KYMI	Kymi, Euboea I	0.58 358	P	Pg	00 55 16.2 +0.2
KYMI	comp=E,4um,0.4s		S	Sb	00 55 24.8 -0.3
KYMI	Kymi, Euboea I	0.58 358	P	Pg	00 55 16.2 +0.2
KYMI	comp=N,8478um,0.5s		AML	AML	00 55 25.9
KYMI	comp=N,8478um,0.5s		AML	AML	00 55 27.0
VILL	Villia	0.65 280	P	Pg	00 55 17.4 +0.2
VILL	comp=E,9um,0.5s		S	Sg	00 55 26.2 +0.4
VIL2	Platees	0.69 284	P	Pg	00 55 17.4 -0.7
VIL2	comp=N,16543um,0.6s		AML	AML	00 55 31.2
VIL2	comp=N,15617um,0.6s		AML	AML	00 55 32.4
MRKA	Markates	0.78 328	P	Pg	00 55 19.6 -0.1
MRKA	comp=N,4um,0.6s		S	Sb	00 55 30.7 0.0
MRKA	Markates	0.78 328	P	Pg	00 55 19.6 -0.1
MRKA	comp=N,4um,0.6s		S	Sb	00 55 30.4 -0.3
MRKA	comp=E,6600um,0.4s		AML	AML	00 55 34.2
MRKA	comp=N,6552um,0.5s		AML	AML	00 55 36.3
DID	Didima	0.89 232	P	Pg	00 55 21.3 -0.7
DID	comp=N,7um,0.3s		S	Sg	00 55 34.2 +0.9
DID	Didima	0.89 232	P	Pg	00 55 21.3 -0.7
DID	comp=E,14396um,0.4s		AML	AML	00 55 36.9
DID	comp=N,13103um,0.3s		AML	AML	00 55 37.6
SKY	Skios Island	0.89 22	P	Pb	00 55 21.9 -0.2
SKY	Skios Island	0.89 22	P	Pb	00 55 21.8 -0.3
SKY	comp=N,14061um,0.7s		AML	AML	00 55 37.6
SKY	comp=N,14061um,0.7s		AML	AML	00 55 38.0
LOUT	Loutraki	0.91 266	P	Pg	00 55 22.0 -0.4
LOUT	comp=N,7um,0.3s		S	Sb	00 55 35.0 +1.0
LTK	Loutraki	0.91 269	P	Pg	00 55 22.2 -0.3
LTK	comp=N,5um,0.4s		S	Sb	00 55 34.9 +0.8
LTK	Loutraki	0.91 269	P	Pg	00 55 22.4 +0.2
LTK	comp=N,14305um,0.2s		AML	AML	00 55 36.7
LTK	comp=N,14305um,0.2s		AML	AML	00 55 42.4
SERI	Serifos	0.93 162	P	Pb	00 55 22.3 -0.6
SERI	comp=N,4um,0.2s		S	Sb	00 55 35.4 +0.2
SERI	Serifos	0.93 162	P	Pb	00 55 22.4 -0.4
SERI	comp=N,9800um,0.3s		AML	AML	00 55 37.2
SERI	comp=N,7879um,0.2s		AML	AML	00 55 38.9
TNSA	Tinos	0.97 121	P	Pb	00 55 23.0 -0.4
TNSA	comp=N,6200um,0.3s		AML	AML	00 55 39.1
TNSA	comp=N,6200um,0.3s		AML	AML	00 55 39.4
PROD	Prodromos	0.98 283	P	Pb	00 55 23.6 -0.1
PROD	comp=N,6353um,0.4s		S	Sb	00 55 37.4 -0.9
KRND	KRANIDI	1.02 229	P	Pb	00 55 23.6 -0.6
KRND	comp=N,6um,0.6s		S	Sb	00 55 38.5 -0.6
KRND	KRANIDI	1.02 229	P	Pb	00 55 23.7 -0.6
KRND	comp=N,9644um,0.7s		AML	AML	00 55 40.3
KRND	comp=N,9644um,0.7s		AML	AML	00 55 40.4
LKR	Lokris	1.07 305	P	Pb	00 55 24.2 -0.9
LKR	comp=N,3um,0.3s		S	Sb	00 55 41.8
LKR	Lokris	1.07 305	P	Pb	00 55 24.2 -0.9
LKR	comp=N,5620um,0.2s		AML	AML	00 55 41.8
LKR	comp=N,4334um,0.5s		AML	AML	00 55 44.1
AOS	Alonnisos	1.13 351	P	Pg	00 55 26.2 -0.2
AOS	comp=N,2um,0.7s		S	Sg	00 55 42.3 +1.1
AOS	Alonnisos	1.13 351	P	Pg	00 55 26.1 -0.4
AOS	comp=N,5488um,0.5s		AML	AML	00 55 44.4
AOS	Alonnisos	1.13 351	P	Pg	00 55 26.0 -0.4
AOS	comp=N,4953um,0.4s		AML	AML	00 55 45.8
SKIA	Skiathos	1.23 335	P	Pg	00 55 27.0 -0.3
SKIA	comp=N,3um,0.5s		S	Sb	00 55 48.4
SKIA	Skiathos	1.23 335	P	Pg	00 55 27.0 -0.3
SKIA	comp=N,7445um,0.7s		AML	AML	00 55 48.5
DSF	Desfina	1.31 286	P	Pg	00 55 28.5 -0.3
DSF	comp=N,3um,0.3s		S	Sb	00 55 47.9 +1.2
DSF	Desfina	1.31 286	P	Pg	00 55 28.6 -0.3
DSF	comp=N,5627um,0.3s		AML	AML	00 55 50.7
DSF	comp=N,5627um,0.3s		AML	AML	00 55 51.5
AXAR	Agios Charalam	1.35 302	P	Pb	00 55 29.8 -0.2
AXAR	comp=N,4811um,0.3s		S	Sg	00 55 49.5 +1.3
MHLO	Agia Marina, M	1.38 171	P	Pb	00 55 29.7 -0.1
MHLO	Agia Marina, M	1.38 171	P	Pb	00 55 29.9 +0.1
GUR	Goura	1.41 266	P	Pb	00 55 30.6 -0.4
GUR	comp=N,6503um,0.4s		AML	AML	00 55 50.5
GUR	comp=N,6503um,0.4s		AML	AML	00 55 54.6
NEO	Neokhorri	1.44 331	P	Pb	00 55 30.9 -0.5
APE	Apeiranthos	1.49 131	P	Pb	00 55 31.3 -0.1
APE	comp=N,4713um,0.2s		AML	AML	00 55 54.6
APE	Apeiranthos	1.49 131	P	Pb	00 55 31.4 0.0
APE	comp=N,4110um,0.2s		AML	AML	00 55 54.6
APE	Apeiranthos	1.49 131	P	Pb	00 55 31.6 +0.2
APE	comp=N,4110um,0.2s		AML	AML	00 55 54.6
APE	Apeiranthos	1.49 131	P	Pb	00 55 31.7 -0.9
APE	comp=N,1503um,0.3s		AML	AML	00 55 57.8
XOR	Xorichti	1.50 331	P	Pb	00 55 31.6 -0.9
XOR	comp=N,1669um,0.8s		AML	AML	00 55 63.2
XOR	Vlachokerasia	1.54 244	P	Pb	00 55 32.8 -0.4
KLX	Kalavryta, Ach	1.55 270	P	Pb	00 55 32.5 +0.3
KLX	Kalavryta, Ach	1.55 270	P	Pb	00 55 32.6 +0.3
KLX	comp=N,1054um,0.5s		AML	AML	00 55 55.9
KLX	comp=N,959um,0.6s		AML	AML	00 55 57.5

TRIP	Tripoli	1.56 251	P	Pb	00 55 33.2 -0.3
CHOS	Chios island	1.56 77	P	Pn	00 55 32.7 +0.4
CHOS	comp=N,1324um,0.6s		AML	AML	00 56 00.3
CHOS	Chios island	1.56 77	P	Pn	00 55 33.1 -0.5
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 33.0 -0.1
CHOS	Chios island	1.56 77	P	Pn	00 55 33.0 0.0
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 33.9 -1.0
CHOS	Chios island	1.56 77	P	Pn	00 55 34.4 -0.9
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 34.1 +0.3
CHOS	Chios island	1.56 77	P	Pn	00 55 35.2 -0.8
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 35.0 -1.0
CHOS	Chios island	1.56 77	P	Pn	00 55 34.2 -0.1
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 36.2 -1.1
CHOS	Chios island	1.56 77	P	Pn	00 55 35.3 -0.1
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 36.9 -1.0
CHOS	Chios island	1.56 77	P	Pn	00 55 36.8 -1.1
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 38.1 -1.3
CHOS	Chios island	1.56 77	P	Pn	00 55 37.6 +0.4
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 38.0 +0.4
CHOS	Chios island	1.56 77	P	Pn	00 55 38.9 +0.9
CHOS	comp=N,1324um,0.6s		AML	AML	00 56 02.2 +0.2
CHOS	Chios island	1.56 77	P	Pn	00 56 02.0 -0.7
CHOS	comp=N,1324um,0.6s		AML	AML	00 56 17.0
CHOS	Chios island	1.56 77	P	Pn	00 56 19.0
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 38.2 +0.1
CHOS	Chios island	1.56 77	P	Pn	00 55 38.9 +0.1
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 38.4 +0.2
CHOS	Chios island	1.56 77	P	Pn	00 55 40.1 -0.7
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 39.9 -0.9
CHOS	Chios island	1.56 77	P	Pn	00 55 39.8 -1.4
CHOS	comp=N,1324um,0.6s		AML	AML	00 55 41.0 -1.6
CHOS	Chios island	1.56 77	P	Pn	00 55 40.5 -0.5
CHOS	comp=N,1324um,0.6s		AML	AML	00 56 08.7 -3.0
CHOS	Chios island	1.56 77	P	Pn	00 56 26.0
CHOS	comp=N,52um,0.5s		AML	AML	00 56 26.0
CHOS	Chios island	1.56 77	P	Pn	00 55 44.0 +0.5
CHOS	comp=N,52um,0.5s		AML	AML	00 56 11.3 -1.2
CHOS	Chios island	1.56 77	P	Pn	00 56 27.0
CHOS	comp=N,121um,0.6s		AML	AML	00 56 29.0
CHOS	Chios island	1.56 77	P	Pn	00 55 45.8 -2.2
CHOS	comp=N,121um,0.6s		AML	AML	00 55 44.4 +0.4
CHOS	Chios island	1.56 77	P	Pn	00 55 46.2 +1.4
CHOS	comp=N,121um,0.6s		AML	AML	00 55 46.9 +1.9
CHOS	Chios island	1.56 77	P	Pn	00 55 46.5 +1.5
CHOS	comp=N,121um,0.6s		AML	AML	00 56 14.5 -0.9
CHOS	Chios island	1.56 77	P	Pn	00 56 37.0
CHOS	comp=N,59um,0.7s		AML	AML	00 56 42.0
CHOS	Chios island	1.56 77	P	Pn	00 55 51.2 -1.2
CHOS	comp=N,59um,0.7s		AML	AML	00 56 10.7 -4.8
CHOS	Chios island	1.56 77	P	Pn	00 55 45.4 +0.1
CHOS	comp=N,59um,0.7s		AML	AML	00 56 12.5 -4.1
CHOS	Chios island	1.56 77	P	Pn	00 56 17.0
CHOS	comp=N,59um,0.7s		AML	AML	00 56 32.0
CHOS	Chios island	1.56 77	P	Pn	00 55 47.2 +1.4
CHOS	comp=N,59um,0.7s		AML	AML	00 55 46.9 +0.5
CHOS	Chios island	1.56 77	P	Pn	00 55 48.6 +1.8
CHOS	comp=N,59um,0.7s		AML	AML	00 55 48.1 +0.5
CHOS	Chios island	1.56 77	P	Pn	00 55 49.3 +1.0
CHOS	comp=N,59um,0.7s		AML	AML	00 55 50.1 +0.3
CHOS	Chios island	1.56 77	P	Pn	00 56 22.6 -1.3
CHOS	comp=N,12um,0.3s		AML	AML	00 55 50.2 +0.5
CHOS	Chios island	1.56 77	P	Pn	00 55 50.4 +0.6
CHOS	comp=N,12um,0.3s		AML	AML	00 55 51.4 +1.6
CHOS	Chios island	1.56 77	P	Pn	00 55 51.5 +1.5
CHOS	comp=N,12um,0.3s		AML	AML	00 55 53.7 +1.8
CHOS	Chios island	1.56 77	P	Pn	00 55 53.4 +1.2
CHOS	comp=N,12um,0.3s		AML	AML	00 55 51.2 -6.9
CHOS	Chios island	1.56 77	P	Pn	00 56 55.0
CHOS	comp=N,17um,0.4s		AML	AML	00 57 05.0
CHOS	Chios island	1.56 77	P	Pn	00 55 54.7 +1.8
CHOS	comp=N,17um,0.4s		AML	AML	00 55 54.7 +0.8
CHOS	Chios island	1.56 77	P	Pn	00 57 00.0
CHOS	comp=N,26um,0.7s		AML	AML	00 57 13.0
CHOS	Chios island	1.56 77	P	Pn	00 55 55.2 +1.8
CHOS	comp=N,26um,0.7s		AML	AML	00 55 54.9 +1.3
CHOS	Chios island	1.56 77	P	Pn	00 56 04.3 0.0
CHOS	comp=N,26um,0.7s		AML	AML	00 56 40.0 +2.1
CHOS	Chios island	1.56 77	P	Pn	00 55 46.7 +1.8
CHOS	comp=N,26um,0.7s		AML	AML	00 55 56.8 +1.9
CHOS	Chios island	1.56 77	P	Pn	00 55 56.3 +1.3
CHOS	comp=N,26um,0.7s		AML	AML	00 55 57.1 +2.1
CHOS	Chios island	1.56 77	P	Pn	00 56 29.1 -4.2
CHOS	comp=N,26um,0.7s		AML	AML	00 56 56.5 +1.0
CHOS	Chios island	1.56 77	P	Pn	00 55 56.2 +0.3
CHOS	comp=N,26um,0.7s		AML	AML	00 55 58.4 +1.7
CHOS	Chios island	1.56 77	P	Pn	00 55 58.8 +1.5
CHOS	comp=N,26um,0.7s		AML	AML	00 56 01.0 +2.0
CHOS	Chios island	1.56 77	P	Pn	00 55 59.1 +0.6
CHOS	comp=N,26um,0.7s		AML	AML	00 56 03.0 +1.8
CHOS	Chios island	1.56 77	P	Pn	00 56 05.9 +2.0
CHOS	comp=N,26um,0.7s		AML	AML	00 56 02.3 +2.8
CHOS	Chios island	1.56 77	P	Pn	00 56 42.4 +1.3
CHOS	comp=N,26um,0.7s		AML	AML	00 56 05.5 -2.0
CHOS	Chios island	1.56 77	P	Pn	00 56 01.3 +1.7
CHOS	comp=N,26um,0.7s		AML	AML	00 55 59.9 +0.2
CHOS	Chios island	1.56 77	P	Pn	00 56 40.3 -1

Table with columns: JMDO, Name, SNR, Az, El, AzEl, Pn, P, S, Smax, Pmax, MLR, LR, AzEl, Pn, P, S, Smax, Pmax, MLR, LR. Includes entries like Jabal Madar, Brojen, Yazd, Gharneh, Wadi Bani Khal, etc.

Table with columns: AKH, Name, SNR, Az, El, AzEl, Pn, P, S, Smax, Pmax, MLR, LR, AzEl, Pn, P, S, Smax, Pmax, MLR, LR. Includes entries like Akhalkalaki, Akhalkalaki, Akhalkalaki, etc.

Table with columns: BR131, Name, SNR, Az, El, AzEl, Pn, P, S, Smax, Pmax, MLR, LR, AzEl, Pn, P, S, Smax, Pmax, MLR, LR. Includes entries like Keskin Array S, Keskin Array S, Keskin Array S, etc.

SVE		eS	S	01 43 27.7	-1.2
SVE	comp=Z,57nm,1.0s	pmx	pmx		
SVL		MLR	MLR		
ARCR	ARCALIA	30.89 320	U/P	P	01 38 28.8 +2.0
SRN	Sarande	30.92 304	P	P	01 38 26.6 -0.5
KURK	Kurchatov	30.93 32	P	P	01 38 25.5 +1.5
KURK	Kurchatov	30.93 32	i/P	P	01 38 28.1 +1.1
KURK	comp=Z,76nm,1.2s		pmx	pmx	
KURK	comp=Z,4um,14.0s		MLR	MLR	
KURK	Kurchatov	30.93 32	P	I/Amb	01 38 27.1 +0.1
KURK	comp=Z,46nm,0.8s		I/Amb		01 38 33.1
HERR	Herculane	31.01 315	U/P	P	01 38 29.1 +1.3
KEK	Kerkira	31.03 304	P	P	01 38 27.8 -0.3
PHP	Peshkopia	31.13 308	P	P	01 38 29.2 +0.2
CJR	Cluj-Napoca	31.14 318	U/P	P	01 38 30.7 +1.7
DEV	Deva	31.16 317	U/P	P	01 38 29.8 +0.6
OBN	Obninsk	31.24 341	i/P	P	01 38 30.5 +0.8
OBN			e/PP	PP	01 38 33.4 -0.5
OBN			e/SP	SP	01 38 34.6 -1.0
OBN			i		01 39 35.2
OBN			e		01 41 24.5
OBN			i/S	S	01 43 33.6 -2.0
OBN			e		01 45 18.7
OBN	comp=Z,136nm,1.2s		pmx	pmx	
OBN	comp=Z,1um,16.0s		MLR	MLR	
OBN	Obninsk	31.24 341	P	P	01 38 29.4 -0.3
THR	Tirane	31.44 307	P	P	01 38 31.3 -0.3
MOS	Moscow	31.50 343	e/P	P	01 38 32.5 +0.6
MOS			e		01 41 23.9
MOS			eS	S	01 43 37.2 -2.3
MOS			eSS	SnSn	01 45 24.8 +0.4
MOS			pmx	pmx	
SEM	Semipalatinsk	31.51 33	U/P	P	01 38 34.0 +1.6
SEM	comp=Z,41nm,0.9s,baz=34		LR	LR	01 53 01.1
SEM	Semipalatinsk	31.51 33	i/P	P	01 38 34.0 +1.6
SEM	comp=Z,41nm,0.9s		pmx	pmx	
SEM	comp=Z,1um,11.0s		MLR	MLR	
KMBO	Kilima Mbogo	31.56 212	P	P	01 38 35.6 +2.4
KMBO	comp=Z,17nm,0.8s,baz=30,slow=10.0,SNR=21		LR	LR	01 52 27.8
KMBO	comp=Z,3um,18.8s,baz=60,slow=38		LR	LR	
KMBO	Kilima Mbogo	31.56 212	i/P	P	01 38 34.5 +1.3
KMBO			eS	S	01 43 48.7 +6.9
KMBO	Kilima Mbogo	31.56 212	e/P	P	01 38 32.4 -0.8
KMBO			eS	S	01 43 49.5 +7.7
KMBO	Kilima Mbogo	31.56 212	e/P	P	01 38 35.0 +1.8
KMBO			eS	S	01 38 33.9 +0.7
KMBO	Kilima Mbogo	31.56 212	e/P	P	01 38 33.3 +0.1
BZS	Buzias	31.84 315	U/P	P	01 38 35.8 +0.7
BANR	Banloc	32.05 315	U/P	P	01 38 38.5 +1.6
PALK	Pallekele	32.10 122	e/P	P	01 38 38.8 +1.1
PALK	comp=Z,44nm,0.8s,baz=44,slow=10,SNR=6.5				
PALK	Pallekele	32.10 122	e/P	P	01 38 39.6 +1.8
PALK	comp=Z,52nm,0.9s		pmx	pmx	
PALK	comp=Z,2um,17.0s		MLR	MLR	
PALK	Pallekele	32.10 122	P	I/Amb	01 38 37.1 -0.7
PALK	comp=Z,49nm,0.8s		I/Amb		01 38 43.8
SIR	Siria	32.11 316	U/P	P	01 38 39.4 +1.9
TIM	Timisoara	32.15 315	U/P	P	01 38 38.8 +1.0
DRME	Dracevica, Mon	32.18 308	e/P	P	01 38 37.4 -0.8
PDG	Podgorica	32.21 309	U/P	P	01 38 38.3 -0.1
PDG	Podgorica	32.21 309	e/P	P	01 38 37.7 -0.7
PDG	Podgorica	32.21 309	P	P	01 38 37.6 -0.7
DIVS	Divaribare	32.28 312	e/P	P	01 38 39.3 +0.2
KIRV	Kirov	32.28 356	LR	LR	01 54 08.1
ZSN	comp=Z,2um,19.2s,baz=168,slow=41				
ZSN	Zaisan	32.35 41	U/P	P	01 38 40.4 +0.7
ZSN	comp=Z,9.6nm,1.2s,baz=42		i/S	S	01 43 54.0 +0.8
ZSN	comp=Z,124nm,2.5s,baz=42		i/S	S	01 38 40.3 +0.7
ZSN	Zaisan	32.35 41	i/P	P	01 43 54.0 +0.8
ZSN			pmx	pmx	
RUDO	Rudo	32.53 311	e/P	P	01 38 41.4 +0.2
LVV	L'vov	32.57 324	i/P	P	01 38 41.9 +0.4
LVV			e		01 39 57.9
LVV			e		01 41 25.7
LVV			eS	S	01 43 55.0 -1.6
LVV	comp=Z,100nm,1.5s		pmx	pmx	
LVV	comp=N,1um,14.0s		pmx	pmx	
LVV	comp=E,1um,14.0s		pmx	pmx	
LVV	comp=Z,2um,14.0s		pmx	pmx	
BBLs	Lazi#265j3	32.59 311	e/P	P	01 38 42.2 +0.4
WMQ	Urumqi	32.61 49	e/P	P	01 38 43.5 +1.5
WMQ			pP	PP	01 38 46.3 +0.1
WMQ			pP	PP	01 38 49.8 +1.9
WMQ			sS	SS	01 43 58.0 +0.5
WMQ			sS	SS	01 44 05.0 +0.7
WMQ	comp=Z,36nm,1.1s		pmx	pmx	
WMQ	comp=Z,36nm,4.5s		pmx	pmx	
WMQ	comp=Z,3um,12.3s		LR	LR	
WMQ	comp=Z,2um,11.1s		LR	LR	
WMQ	comp=Z,2um,16.3s		LR	LR	
UPM	Unac-Piva	32.70 310	e/P	P	01 38 41.1 -1.9
HCY	Herceg Novi	32.75 308	e/P	P	01 38 42.7 -0.4
FRGS	Fruska Gora	32.81 314	e/P	P	01 38 44.0 +0.3
BRY	Bratogost	32.86 309	e/P	P	01 38 44.2 -0.1
UZH	Uzhgorod	32.88 321	i/P	P	01 38 45.0 +0.8
UZH			eS	S	01 44 01.0 -0.3
UZH	comp=Z,9.0nm,1.1s		pmx	pmx	
TREB	Trebinje	32.93 309	e/P	P	01 38 46.3 +1.5
KOLS	Kolonice sedl	33.05 321	e/P	P	01 38 47.6 +1.9
KOLS			pmx	pmx	
KOLS	comp=Z,121nm,1.2s				
KOLS	Kolonice sedl	33.05 321	e/P	P	01 38 47.6 +1.9
KWP	Kalvaria Pacla	33.18 323	e/P	P	01 38 48.0 +1.1
KWP			eS	S	01 44 06.2 +0.1
TIP	Timpagrande	33.20 302	U/P	P	01 38 48.8 +1.6
LSA	Lhasa	33.27 76	P	P	01 38 50.3 +1.9
LSA			pmx	pmx	01 44 10.8 +2.0
LSA	comp=Z,190nm,0.7s		LR	LR	
LSA	comp=Z,6um,17.1s		LR	LR	
LSA	comp=Z,6um,16.4s		LR	LR	
LSA	comp=Z,8um,18.5s		LR	LR	
LSA	Lhasa	33.27 76	P	I/Amb	01 38 50.0 +1.6
LSA	comp=Z,76nm,0.8s		I/Amb		01 38 54.9
CRVS	Cervenica-Dubn	33.49 321	e/P	P	01 38 50.9 +1.3
CRVS			pmx	pmx	
CRVS	comp=Z,97nm,1.0s				
CRVS	Cervenica-Dubn	33.49 321	e/P	P	01 38 50.9 +1.3
MICGM	Minsk	33.80 333	e/P	P	01 38 51.0 -1.2
MICGM			ePP	PP	01 39 52.0 -1.7
MICGM			ePPP	PPP	01 40 14.0
MICGM			eSS	SS	01 44 02.0 -3.5
MICGM			eSSS	SSS	01 45 44.0 +2.8
MICGM			eLR	LR	01 46 50.0
MICGM			eLR	LR	01 58 24.0

MNK	Minsk	33.80 333	e/P	P	01 38 51.0 -1.2
MNK			e		01 40 04.0
MNK			eS	S	01 44 12.0 -3.5
MNK			e		01 46 50.0
KECS	Kecovo	33.85 319	e/P	P	01 38 54.1 +1.4
KECS	comp=Z,47nm,0.9s		pmx	pmx	
KECS	Kecovo	33.85 319	e/P	P	01 38 54.1 +1.4
PSZ	Piszkesteto	33.93 318	U/P	P	01 38 53.9 +0.4
MORH	Mirgy, Hungar	33.98 315	e/P	P	01 38 54.3 +0.5
MGRS	Mirkonji Grad	34.35 311	e/P	P	01 38 50.9 +2.1
BLY	Banja Luka	34.39 312	e/P	P	01 38 58.1 +0.7
SHL	Shillong	34.41 83	e/P	P	01 38 57.4 -0.6
SHL			I/Amb	I/Amb	01 39 02.6
SHL	comp=Z,18nm,0.7s				
SHL	Shillong	34.41 83	P	pmx	01 38 56.8 -1.2
SHL	comp=Z,27nm,0.9s		pmx	pmx	
SHL	Shillong	34.41 83	P	P	01 38 56.8 -1.2
NIE	Niedzica	34.41 321	e/P	P	01 38 58.7 +1.1
NIE			P	S	01 44 25.4 +0.2
NACGM	Naroch	34.54 333	e/P	P	01 38 57.0 -1.5
NACGM			eS	S	01 44 24.0 -2.8
NACGM			eSS	SnSn	01 46 28.0 -1.0
NACGM			eSSS	SS	01 49 18.0
NACGM			eLQ	LQ	01 51 14.0
NACGM			eLR	LR	01 56 05.0 +2.1
NACGM			eLRM	LRM	01 57 42.0
NACGM	comp=Z,4.8nm,14.0s				
MBAR	Mbarara	34.70 223	P	P	01 39 01.4 +0.9
MBAR	comp=Z,24nm,0.8s,baz=45,slow=9.2,SNR=16				
MBAR	Mbarara	34.70 223	i/P	P	01 39 01.1 +0.6
MBAR	comp=Z,29nm,0.9s		MLR	MLR	
MBAR	comp=Z,3um,13.0s		MLR	MLR	
LANS	Liptovska Anna	34.76 320	e/P	P	01 39 02.2 +1.6
LANS			pmx	pmx	
LANS	comp=Z,52nm,1.0s				
LANS	Liptovska Anna	34.76 320	e/P	P	01 39 02.2 +1.6
SROZ	Srozo	34.77 317	e/P	P	01 39 00.8 +0.2
SROZ	comp=Z,55nm,0.8s		pmx	pmx	
SROZ	Moca	34.77 317	e/P	P	01 39 00.8 +0.2
VYHS	Vyhne	34.83 318	e/P	P	01 39 02.0 +0.8
VYHS	comp=Z,35nm,1.2s		pmx	pmx	
VYHS	Vyhne	34.83 318	e/P	P	01 39 02.0 +0.8
VYHS			ePP	PP	01 40 22.7 +2.6
SRO	Srobarova	34.84 317	e/P	P	01 39 02.4 +1.1
SRO			pmx	pmx	
SRO	comp=Z,61nm,0.9s				
SRO	Srobarova	34.84 317	e/P	P	01 39 02.4 +1.1
IDID	Dizdialalis	34.85 333	e/P	P	01 39 01.8 +0.6
DGZ	Jazzator, Alta	34.94 390	i/P	P	01 39 03.6 +1.3
DGZ			pmx	pmx	
DGZ	comp=Z,42nm,1.1s		MLR	MLR	
DGZ	comp=Z,3um,13.0s		MLR	MLR	
MOSL	Moslavina	34.98 313	i/P	P	01 39 03.0 +0.5
TEZP	TEZPUR	35.05 81	e/P	P	01 39 02.5 -0.8
TEZP			I/Amb	I/Amb	01 39 04.0
IIGN	Ignalina	35.08 333	e/P	P	01 39 04.1 +0.8
OJC	Ojcow	35.09 322	e/P	P	01 39 04.1 +0.7
OJC			eS	S	01 44 34.1 +1.5
MAOR	Morici	35.12 310	i/P	P	01 39 04.5 +0.8
MAOR	Poliisi	35.22 304	I/Amb	I/Amb	01 39 07.2
ISAL	Salakas	35.28 333	e/P	P	01 39 05.5 +0.6
UDBI	Udolina	35.28 311	i/P	P	01 39 05.4 +0.2
IZAR	Izarski Belsk	35.35 333	e/P	P	01 39 06.2 +0.7
BEL	Belsk	35.41 325	e/P	P	01 39 06.8 +0.7
BEL			eS	S	01 44 41.5 +1.2
SUW	Suwalki	35.52 329	e/P	P	01 39 07.2 +0.2
SUW			eS	S	01 44 40.8 -1.3
ZAG	Zagreb	35.56 313	e/P	P	01 39 07.0 +1.1
PTJ	Puntijarka	35.59 313	P	P	01 39 08.8 +0.9
KOGS	Kog	35.60 314	i/P	P	01 39 08.8 +1.0
KOGS	comp=Z,259nm,1.2s				
KOGS	Dugi Otok	35.60 310	e/P	P	01 44 42.7 -0.8
PRGR	Pernogore	35.62 354	U/P	P	01 39 07.9 +0.2
PRGR			pmx	pmx	01 40 28.5
SMOL	Smolenice	35.68 318	e/P	P	01 39 09.1 +0.6
SMOL	comp=Z,28nm,1.2s		pmx	pmx	
SMOL	Smolenice	35.68 318	e/P	P	01 39 09.0 +0.6
JAVC	Velka Javorina	35.68 318	i/P	P	01 39 09.9 +1.3
JAVC			eS	S	01 44 46.8 +2.1
CLTB	Cattabellotta	35.71 298	I/Amb	I/Amb	01 39 12.9
MODS	Modra-Piesok	35.71 318	e/P	P	01 39 08.4 -0.4
MODS			pmx	pmx	
MODS	comp=Z,45nm,1.3s				
MODS	Modra-Piesok	35.71 318	e/P	P	01 39 08.4 -0.4
MODS			ePP	PP	01 40 31.7 +1.9
KLMR	Klimovskoe	35.73 348	e/P	P	01 39 08.8 +0.1
KLMR			pmx	pmx	01 44 43.3 -1.7
KLMR	comp=Z,364nm,1.2s		pmx	pmx	
KLMR	comp=Z,288nm,1.0s		pmx	pmx	
KLMR	Klimovskoe	35.73 348	i/P	P	01 39 08.9 +0.2
KLMR			i/P	P	01 39 08.9 +0.2
KLMR			AMP	AMP	01 39 09.7
KLMR	comp=Z,364nm,1.2s				
KLMR	comp=Z,288nm,1.0s		AMP	AMP	0

ESDC	comp=Z,12nm,0.9s,baz=72,slow=2.7,SNR=7.8	PcP	PcP	01 42 22.4 +0.7
ESDC	comp=Z,1.0nm,0.6s,baz=62,slow=4.4,SNR=1.8	ScP	ScP	01 46 15.8 -0.9
ESDC	comp=Z,368nm,18.6s,baz=110,slow=41	LR	LR	02 05 48.0
PSI	Prapat	49.43 111	P	01 41 00.4 -0.3
FOEL	comp=Z,54nm,1.1s	eP	P	01 41 00.7 +0.4
FOEL	Foel Wylla	49.45 318	IAMB	01 41 01.3
RPSI	comp=Z,80nm,0.8s	P	P	01 41 00.4 -0.7
RPSI	Rantau Prapat	49.48 111	IAMB	01 41 05.2
PAB	comp=Z,54nm,1.1s	P	P	01 41 01.1 +0.1
PAB	San Pablo	49.51 301	P	01 41 01.1 +0.1
PAB	comp=Z,71nm,1.3s	P	P	01 41 01.1 +0.1
PAB	San Pablo	49.51 301	IAMB	01 41 02.8
DYA	comp=Z,71nm,1.3s	eP	P	01 41 00.8 -0.3
DYA	Yadsworth	49.56 315	IAMB	01 41 02.1
HHC	comp=Z,53nm,0.9s	eP	P	01 41 02.3 +0.7
HHC	Hu-ho-hao-te	49.58 58	PP	01 42 55.3 -0.6
HHC			S	01 48 07.0 -2.5
HHC			SS	01 51 38.3 -3.1
HHC	comp=Z,41nm,1.1s	pmx	pmx	
HHC	comp=Z,460nm,4.7s	LR	LR	
HHC	comp=Z,1um,18.7s	LR	LR	
HHC	comp=Z,910nm,17.0s	LR	LR	
KULM	comp=Z,1um,17.9s	LR	LR	
KULM	Kulim	49.60 107	P	01 41 02.2 +0.3
KULM	comp=Z,31nm,0.8s	IAMB	IAMB	01 41 03.5
KULM	Kulim	49.60 107	P	01 41 03.0
ESY	Stoneypath	49.63 322	P	01 41 02.4 +0.4
KESW	Keswick, Cumbr	49.69 320	eP	01 41 02.4 +0.3
KESW	comp=Z,123nm,0.9s	IAMB	IAMB	01 41 07.8
LLW	Llanuwchllyn	49.72 318	IAMB	01 41 02.5 +0.2
LLW	comp=Z,40nm,0.7s	IAMB	IAMB	01 41 08.0
EMAL	Malaga-Limoner	49.77 297	I/P	01 41 01.3 -1.7
PVLZ	Peen de	49.84 295	I/P	01 41 04.0 +0.6
ESK	Eskdalemuir	49.89 321	P	01 41 03.6 0.0
ESK	comp=Z,28nm,1.0s	pmx	pmx	
ESK	Eskdalemuir	49.89 321	P	01 41 03.5 0.0
EBL	Broad Law	49.89 322	P	01 41 04.0 +0.4
EDI	Edinburgh	50.00 322	eP	01 41 04.6 +0.2
EDI	comp=Z,72nm,0.7s	IAMB	IAMB	01 41 09.5
LRW	Lerwick	50.03 328	eP	01 41 03.8 -0.8
YLL	Llanberis	50.07 318	eP	01 41 04.9 -0.1
WME	Myndd Eilian	50.19 319	eP	01 41 06.2 +0.4
TOAO	Torodi Ar. Sit	50.22 265	P	01 41 06.2 +0.4
TOAO	comp=Z,78nm,0.9s	IAMB	IAMB	01 41 07.7
TORD	Torodi Ar. Bea	50.22 265	P	01 41 06.4 -0.2
TORD	comp=Z,85nm,1.0s,baz=61,slow=7.2,SNR=239	LR	LR	02 04 08.6
TORD	comp=Z,1um,19.2s,baz=70,slow=38	LR	LR	
WLF1	Lynfaes	50.22 319	eP	01 41 06.5 +0.4
WLF1	comp=Z,143nm,1.0s	IAMB	IAMB	01 41 11.2
RSBS	Rosebush, Pemb	50.25 317	eP	01 41 06.7 +0.3
RSBS	comp=Z,87nm,0.7s	IAMB	IAMB	01 41 11.5
WPS	Cemaes, Angles	50.30 319	eP	01 41 07.1 +0.4
WPS	comp=Z,115nm,0.8s	IAMB	IAMB	01 41 12.1
YRC	Rhoscolyn	50.32 318	eP	01 41 07.2 +0.4
IPM	Iph	50.33 107	IAMB	01 41 10.2
IPM	comp=Z,36nm,0.7s	IAMB	IAMB	01 41 07.0
IPM	Iph	50.33 107	eP	01 41 07.0
CCA1	Carmenellis	50.36 314	eP	01 41 07.8 +0.2
CCA1	comp=Z,47nm,1.0s	IAMB	IAMB	01 41 07.8
MCD	Coleburn Disti	50.40 324	eP	01 41 07.7 +0.3
ELO	Logie Almond	50.40 323	eP	01 41 07.4 0.0
TIV	Taiyuan	50.45 62	eP	01 41 08.8 +0.6
TIV	comp=Z,36nm,0.7s	S	S	01 48 21.8 +0.2
TIV	comp=Z,1um,17.1s	LR	LR	
TIV	comp=Z,880nm,14.1s	LR	LR	
WIM	Isle of Man	50.52 320	eP	01 41 08.7 +0.3
INVG	Invergeidde, C	50.57 323	eP	01 41 08.8 +0.1
INVG	comp=Z,72nm,0.7s	IAMB	IAMB	01 41 14.4
CEU	Ceuta	50.62 296	I/P	01 41 08.2 -1.2
IFR	Ifrane	50.73 293	I/P	01 41 09.3 -1.2
MNSI	Mandailing Nat	51.07 112	P	01 41 13.4 +0.4
MNSI	comp=Z,1um,comp=Z,95nm,0.7s	P	P	
PBRG	Braganca	51.22 304	eP	01 41 14.5 +0.6
SFS	San Fernando	51.23 297	I/P	01 41 11.9 -2.1
SFS	comp=Z,74nm,1.4s	S	S	01 48 29.7 -2.5
GMM	Mts of Mourne	51.27 320	eP	01 41 13.9 -0.1
LAWE	Loch Awe, Argy	51.28 322	eP	01 41 14.3 +0.3
LAWE	comp=Z,76nm,0.8s	IAMB	IAMB	01 41 19.6
BJO1	Bjornoya	51.33 349	I/P	01 41 14.4 +0.3
CIT	Chita	51.34 43	eP	01 41 14.4 +0.3
CIT	comp=Z,74nm,2.3s	pmx	pmx	01 42 30.2
DSB	Dublin	51.40 318	P	01 41 15.4 +0.4
DSB	comp=Z,63nm,0.8s	IAMB	IAMB	01 41 20.8
MVO	Moncorvo	51.46 303	eP	01 41 16.6 +0.8
MVO	comp=Z,67nm,0.9s	eLQ	LQ	01 58 54.0
MVO	Moncorvo	51.46 303	eLQ	02 03 52.0
PMRV	Marv??o	51.87 301	P	01 41 18.9 +0.2
PMRV	comp=Z,57nm,1.4s	eLQ	LQ	01 58 54.0
PMRV	Marv??o	51.87 301	eLQ	02 03 52.0
SISI	Saibi	51.87 115	P	01 41 21.0 +2.0
PCBR	Castelo Branco	51.90 301	eP	01 41 19.5 +0.6
PCBR	comp=Z,80nm,0.7s	eP	P	
PCBR	Castelo Branco	51.90 301	eP	01 42 32.3 +0.7
MTE	Manteigas	51.91 302	eP	01 41 19.8 +0.7
MTE	comp=Z,69nm,1.2s	eLQ	LQ	02 01 11.9
MTE	Manteigas	51.91 302	eLQ	02 03 56.2
MTE	comp=Z,53nm,20.0s	eLQ	LQ	02 01 19.7 +0.6
PVRL	Vila Real	51.98 303	eP	01 41 20.6 +1.0
PVRL	comp=Z,104nm,1.1s	P	P	
HOPEN	Hopen	52.04 352	I/P	01 41 20.6 +1.1
RIC	Rabat Centre	52.09 294	P	01 41 19.8 -0.6
QZC	Qiongzhong	52.13 86	P	01 41 21.0 0.0
QZC	comp=Z,25nm,1.2s	S	S	01 48 46.0 +0.9
QZC	comp=Z,25nm,1.2s	pmx	pmx	
QIZ	comp=Z,490nm,14.4s	LR	LR	
QIZ	comp=Z,460nm,17.0s	LR	LR	
QIZ	comp=Z,610nm,20.0s	LR	LR	
QIZ	Qiongzhong	52.13 86	IAMB	01 41 24.7
PVIS	comp=Z,64nm,1.3s	eP	P	01 41 22.1 +1.2
PVIS	Viseu	52.15 302	eP	01 41 22.1 +1.2
PCAB	Cabril	52.18 304	eP	01 41 22.0 +0.9
PCAB	comp=Z,82nm,1.5s	P	P	
BLWY	Bulawayo	52.21 210	I/P	01 41 22.1 +0.5
BLWY	Bulawayo	52.21 210	I/P	01 41 22.1 +0.5
BLWY	Bulawayo	52.21 210	I/P	01 41 22.1 +0.5
PVAQ	Vaqueiros	52.32 298	eP	01 41 22.1 0.0
PVAQ	comp=Z,54nm,1.4s	eP	P	
PVAQ	Vaqueiros	52.32 298	eP	01 42 34.6 +1.3

PVAQ	Vaqueiros	52.32 298	eLQ	LQ	02 03 04.7
PVAQ	comp=Z,339nm,18.0s	eLQ	LR	02 06 36.8	
PGAV	Gaveira, Arco	52.35 304	eP	P	01 41 23.7 +1.3
PGAV	comp=Z,67nm,1.5s	eP	P		
PGAV	Gaveira, Arco	52.35 304	eP	P	01 41 23.1 +0.7
PGAV	Gaveira, Arco	52.35 304	eLQ	LQ	02 00 57.9
PGAV	comp=Z,69nm,1.4s	eLQ	LR	02 03 51.9	
PBEJ	Beja	52.37 299	eP	P	01 41 22.7 +0.2
PBEJ	comp=Z,269nm,1.4s	eP	P		
BOD	Bodaibo	52.39 36	eP	P	01 41 22.2 -0.1
BOD	comp=Z,125nm,1.2s	eP	P	01 48 46.7	
BOD	comp=Z,125nm,1.2s	pmx	pmx		
EVO	Evora	52.43 300	I/P	P	01 41 22.3 -0.7
EVO	Evora	52.43 300	eP	P	01 41 23.4 +0.5
EVO	comp=Z,73nm,1.3s	eP	P		
MATP	Matopo	52.51 210	I/P	P	01 41 24.8 +1.1
MATP	Matopo	52.51 210	I/P	P	01 41 24.8 +1.1
MATP	Matopo	52.51 210	I/P	P	01 41 24.8 +1.1
PBDV	Barranco-do-Ve	52.51 298	eP	P	01 41 23.7 +0.1
PBDV	comp=Z,59nm,1.4s	eP	P		
PBDV	Barranco-do-Ve	52.51 298	eP	P	01 42 35.4 +1.4
PBDV	Montargil	52.54 300	eP	P	01 41 23.7 -0.1
PBDV	comp=Z,28nm,1.5s	eP	P		
BKNI	Bangkinang	52.54 112	P	P	01 41 24.2 +0.2
BKNI	comp=Z,210nm,0.8s	P	P		
COI	Coimbra	52.58 302	eP	P	01 41 24.9 +0.9
COI	comp=Z,43nm,1.1s	eP	P		
COI	Coimbra	52.58 302	IAMB	IAMB	01 41 30.4
COI	comp=Z,68nm,0.8s	IAMB	IAMB		
PTO	Porto	52.65 303	eP	P	01 41 26.4 +1.9
PTO	Porto	52.65 303	eP	P	01 42 35.9 +1.1
AVE	Averroes	52.65 293	I/P	P	01 41 24.8 -0.4
AVE	comp=Z,22nm,0.8s	eS	S	01 48 52.4 +0.4	
PCAS	Casimio, Conde	52.66 302	eP	P	01 41 25.8 +1.2
PCAS	comp=Z,63nm,1.5s	eP	P		
PNCL	Nicolaou / Gran	52.88 299	eP	P	01 41 26.8 +0.5
PNCL	comp=Z,21nm,1.5s	eP	P		
PSBE	Sao Bento	52.94 301	eP	P	01 41 28.2 +1.5
PSBE	comp=Z,84nm,1.8s	eP	P		
WHN	Wuhan	53.07 70	I/P	P	01 41 28.3 +0.6
WHN	comp=Z,80nm,0.9s	pmx	pmx		
PTEO	Sao Teotonio	53.10 298	eP	P	01 41 28.4 +0.5
PTEO	comp=Z,65nm,1.2s	eP	P		
PTEO	Sao Teotonio	53.10 298	eP	P	01 42 37.9 +1.7
PTEO	Beijing	53.14 58	S	S	01 41 28.8 +0.6
PTEO	comp=Z,14nm,0.8s	S	S	01 48 58.5 +0.1	
BJJ	comp=Z,2um,23.3s	LR	LR		
BJJ	comp=Z,2um,23.3s	LR	LR		
BJJ	comp=Z,950nm,23.3s	LR	LR		
BJJ	comp=Z,650nm,26.6s	LR	LR		
PFVI	Vila Bisbo	53.23 298	eP	P	01 41 29.3 +0.4
PFVI	comp=Z,116nm,1.4s	IAMB	IAMB	01 41 34.8	
PFVI	Vila Bisbo	53.23 298	IAMB	IAMB	
LIS	Lisbon	53.30 300	eP	P	01 41 29.7 +0.3
LIS	comp=Z,121nm,1.7s	eP	P	01 41 29.6 +0.3	
LIS	Lisbon	53.30 300	eP	P	01 41 30.3 +1.0
LIS	comp=Z,118nm,1.5s	eP	P		
PMAFR	Mafra	53.37 300	eP	P	01 41 30.9 +1.0
PMAFR	comp=Z,126nm,1.2s	eP	P		
SDSI	Sungai Dareh	53.56 113	P	P	01 41 30.9 -0.7
SDSI	comp=Z,2um,comp=Z,120nm,0.7s	P	P		
HSPB	Hornsund (broa	53.77 350	eP	P	01 41 33.0 +0.7
MYKOM	Kota Tinggi	54.13 108	IAMB	IAMB	01 41 39.9
MYKOM	comp=Z,45nm,0.9s	IAMB	IAMB		
MYKOM	Kota Tinggi	54.13 108	P	P	01 41 36.0
KRJI	Kerinci	54.24 114	P	P	01 41 38.1 +1.4
KRJI	comp=Z,5um,comp=Z,505nm,0.8s	P	P		
TIA	Tai'an	54.36 63	P	P	01 41 37.5 +0.3
TIA	comp=Z,34nm,1.2s	pmx	pmx		
SPA0	Spitsbergen Ar	54.53 351	IAMB	IAMB	01 41 43.7
SPA0	comp=Z,59nm,0.9s	IAMB	IAMB		
HIA	Hailar	55.17 47c	I/P	P	01 41 43.4 +0.6
HIA	comp=Z,19nm,1.1s	pmx	pmx		
HIA	comp=Z,19nm,1.1s	MLR	MLR		
HIA	comp=Z,1um,14.0s	MLR	MLR		
MASI	Maura Aman, Be	55.48 114	P	P	01 41 44.7 -0.8
MASI	comp=Z,299nm,0.9s	P	P		
KBS	Kingsbay	55.68 351	eP	P	01 41 46.6 +0.6
KBS	comp=Z,60nm,1.0s	pmx	pmx		
KBS	Kingsbay	55.68 351	pmx	pmx	
KBS	comp=Z,916nm,16.0s	MLR	MLR		
KBS	Kingsbay	55.68 351	IAMB	IAMB	01 41 46.3 +0.2
KBS	comp=Z,44nm,0.8s	IAMB	IAMB	01 41 46.3 +0.2	
KBS	Kingsbay	55.68 351	I/P	P	01 41 46.6 +0.6
DSRI	Dabo	55.94 110	P	P	01 41 49.6 +0.8
DSRI	comp=Z,42nm,1.0s	P	P		
KSI	Kapahiang	56.06 115	P	P	01 41 50.5 +0.8
KSI	comp=Z,12um,comp=Z,274nm,0.8s	P	P		
NJ2	Nanjing	56.53 68	eP	P	01 41 53.0 +0.2
NJ2	comp=Z,18nm,0.7s	eP	S	01 42 00.0 +1.2	
NJ2	comp=Z,18nm,0.7s	S	S	01 49 45.5 +1.4	
NJ2	comp=Z,2um,16.0s	pmx	pmx		
NJ2	comp=Z,610nm,14.1s	LR	LR		
NJ2	comp=Z,2um,16.0s	LR	LR		
NJ2	comp=Z,610nm,14.1s	LR	LR		
NHJ	Nahant	56.92 114	P	P	01 41 56.0 +0.2
NHJ	comp=Z,1um,24.0s	P	P		
TSUM	Tsueib	57.21 221	I/P	P	01 41 58.9 +1.1
TSUM	comp=Z,2um,comp=Z,154nm,0.8s	I/P	P		
TSUM	Tsueib	57.21 221	I/P	P	01 41 58.9 +1.1
TSUM	Ts				

30d 1h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Nikolayevsk, Kullorsuaq, Yuzh-Sakhalins, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Fitzroy Crossi, GAMB, TOLK, etc.

1450

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like West of Eustis, West of Eustis, New Sharon, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like GO04, RSA, PB11, PLB14, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like AXAR, DION, APE, APE, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like UCC, UCC, BSTI, MEM, etc.

1455

Q56A Snyder Ridge, baz=120	85.10 314	P	P	02 37 04.5 +1.3
U55A Taz, Sparta	85.19 311	P	P	02 37 05.4 +1.6
K57A Scipio Center	85.19 318	P	P	02 37 04.6 +1.0
X54A Belton	85.26 309	P	P	02 37 05.3 +1.2
O56A Blue Knob Stat	85.28 315	P	P	02 37 05.6 +1.5
O56A Blue Knob Stat	85.28 315	IAMB	IAMB	02 37 07.2
T55A comp=Z,59nm,1.6s	85.29 312	P	P	02 37 05.3 +1.1
Pulaski	85.29 312	P	P	02 37 05.0 +1.3
W54A Cherokee Point	85.36 309	P	P	02 37 06.0 +1.3
R55A Marlinton	85.37 313	P	P	02 37 06.2 +1.5
R55A Marlinton	85.37 313	IAMB	IAMB	02 37 08.5
D58A Chemin du LacG	85.38 323	P	P	02 37 04.8 +0.3
S55A Lewisburg	85.40 312	P	P	02 37 05.1 +0.3
H57A Richville	85.41 320	P	P	02 37 05.2 +0.6
N56A West Decatur	85.42 316	P	P	02 37 05.8 +1.0
LATQ La Tuque	85.48 324	P	P	02 37 06.5 +1.6
V54A Nebo	85.50 310	P	P	02 37 05.9 +1.6
G57A Newington	85.50 321	P	P	02 37 06.8 +0.8
MOS Moscow	85.52 26	eP	P	02 37 03.7 -1.1
MOS				02 40 20.9
MOS				
comp=Z,41nm,0.8s				
L56A Greenwood	85.55 317	P	P	02 37 07.0 +1.5
GOGA Godfrey	85.57 307	P	P	02 37 06.6 +0.9
GOGA Godfrey	85.57 307	IAMB	IAMB	02 37 09.0
M56A Emporium	85.63 317	P	P	02 37 07.2 +1.4
M56A Emporium	85.63 317	IAMB	IAMB	02 37 08.5
Q55A Lake Jocassee	85.68 314	P	P	02 37 07.7 +1.5
K56A Middlesex	85.69 318	P	P	02 37 07.1 +1.0
J56A Wolcott	85.69 319	P	P	02 37 06.1 +0.1
E57A Chemin Saint G	85.72 322	P	P	02 37 07.1 +0.9
O55A Ligonier	85.74 315	P	P	02 37 07.4 +1.0
U54A Nelsons Funny	85.75 311	P	P	02 37 07.4 +0.7
P55A Reedsville	85.75 314	P	P	02 37 06.8 +0.3
N55A Marion Center	85.81 316	P	P	02 37 07.1 +0.3
FINES FINES Array B	85.81 17	P	P	02 37 05.9 -0.3
comp=Z,11nm,1.1s,baz=222,slow=2.6,SNR=15				03 16 22.2
FINES				
comp=Z,351nm,18.8s,baz=220,slow=36				
FINES FINES Array B	85.81 17	P	P	02 37 05.9 -0.3
T54A Tazewell	85.82 311	P	P	02 37 07.6 +0.7
BG3 Lake Jocassee	85.87 309	IAMB	IAMB	02 37 10.5
D57A Chemin Vers le	85.90 323	P	P	02 37 07.5 +0.5
R54A Victor	85.93 313	P	P	02 37 08.2 +0.8
M55A Ridgway	86.00 316	P	P	02 37 08.2 +0.5
M55A Ridgway	86.00 316	IAMB	IAMB	02 37 10.3
O51O Orleans, Innes	86.00 321	P	P	02 37 08.5 +0.9
V53A Saluda	86.08 310	IAMB	IAMB	02 37 11.2
L55A Hinsdale	86.14 317	P	P	02 37 09.0 +0.7
K55A Perry	86.18 318	P	P	02 37 09.3 +0.8
152A Waverly Hall	86.19 306	IAMB	IAMB	02 37 11.8
Q54A Coxs Mills	86.19 313	P	P	02 37 09.4 +0.7
Q54A Coxs Mills	86.19 313	IAMB	IAMB	02 37 28.4
Y52A Lilburn	86.21 308	IAMB	IAMB	02 37 11.9
P54A Burton	86.24 314	P	P	02 37 09.8 +0.8
E56A St. Veronique	86.31 322	P	P	02 37 09.7 +0.7
D56A ZEC Mazanza, M	86.42 323	P	P	02 37 10.2 +0.6
O54A Avela	86.45 315	P	P	02 37 10.7 +0.8
O54A Avela	86.45 315	IAMB	IAMB	02 37 13.0
T53A Wise	86.47 311	P	P	02 37 10.2 +0.1
K54A Basiliko Farm,	86.52 317	P	P	02 37 11.3 +1.1
H55A Tweed	86.55 320	P	P	02 37 10.4 +0.1
N54A Moraine State	86.56 315	P	P	02 37 11.4 +0.9
N54A Moraine State	86.56 315	IAMB	IAMB	02 37 13.2
M54A Oil Creek Stat	86.61 316	P	P	02 37 11.5 +0.8
Q53A Leroy	86.61 313	P	P	02 37 11.2 +0.5
G55A Catagogie	86.62 320	P	P	02 37 11.2 +0.5
R53A Hurricane	86.67 312	P	P	02 37 12.2 +1.2
R53A Hurricane	86.67 312	IAMB	IAMB	02 37 14.0
I55A Frankford	86.68 319	P	P	02 37 11.5 +0.6
PLVO Plevna	86.73 320	IAMB	IAMB	02 37 13.3
L54A Sinclairville	86.73 317	P	P	02 37 11.2 -0.1
TKL Tuckaleechee C	86.78 309	IAMB	IAMB	02 37 13.9
P53A Whipple	86.81 314	P	P	02 37 11.7 0.0
D55A Sainte-Anne-du	86.82 322	P	P	02 37 12.1 +0.5
GEYT Alibek	86.93 48	P	P	02 37 12.8 +0.5
comp=Z,0.8nm,0.3s,baz=276,slow=4.3,SNR=9.3				03 14 07.8
GEYT				
comp=Z,334nm,21.5s,baz=345,slow=34				
GEYT				
GYA0B ALIBECK ARRAY	86.93 48	P	P	02 37 12.8 +0.5
SCHQ Schefferville	86.95 332	LR	LR	03 09 20.6
comp=Z,109nm,21.4s,baz=133,slow=31				
SCHQ Schefferville	86.95 332	P	P	02 37 12.1 +0.1
SCHQ				02 37 13.4
comp=Z,7.7nm,1.9s				
TZTN Tazewell	87.00 310	P	P	02 37 13.5 +0.8
O53A New Philadelph	87.05 314	P	P	02 37 13.3 +0.5
N53A Lisbon	87.05 315	P	P	02 37 13.3 +0.4
N53A Lisbon	87.05 315	IAMB	IAMB	02 37 16.1
ERPA Erie	87.12 316	P	P	02 37 13.4 +0.3
Q52A Bidwell	87.18 313	P	P	02 37 13.7 +0.2
L53A Girard	87.22 316	P	P	02 37 13.6 0.0
M53A WI Miller and	87.24 316	P	P	02 37 13.9 +0.1
P52A Corning	87.39 313	P	P	02 37 14.7 +0.2

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O52A Adamsville	87.41 314	P	P	02 37 15.2 +0.6
O52A Adamsville	87.41 314	IAMB	IAMB	02 37 17.5
H53A Bobcaygeon	87.42 319	P	P	02 37 15.0 +0.4
E54A Lac Daplat, Po	87.52 321	P	P	02 37 15.3 +0.4
S51A Beattyville	87.52 311	IAMB	IAMB	02 37 17.9
G54A Lake Saint Pet	87.53 320	P	P	02 37 15.4 +0.4
D54A Lac Tremblay	87.57 322	P	P	02 37 15.3 +0.1
FPAL Fort Paine	87.66 308	IAMB	IAMB	02 37 18.4
I53A Kortright Cn E	87.69 318	P	P	02 37 16.5 +0.7
W50A Signal Mountai	87.72 308	IAMB	IAMB	02 37 18.6
G53A Hallburton	87.72 320	P	P	02 37 16.2 +0.3
M52A Chesterland	87.74 315	P	P	02 37 16.7 +0.5
CHGO Chibougama	87.76 325	P	P	02 37 16.7 +0.7
E53A Dumoine, Ponti	87.77 321	P	P	02 37 16.5 +0.3
ALGO Algonquin Park	87.79 320	P	P	02 37 15.8 -0.5
O51A Pataskala	87.95 314	P	P	02 37 16.7 -0.5
O51A Peebles	87.95 312	IAMB	IAMB	02 37 19.8
P51A Williamsport	87.96 313	P	P	02 37 17.1 -0.1
P51A Williamsport	87.96 313	IAMB	IAMB	02 37 19.6
J52A Paris	87.97 317	P	P	02 37 17.6 +0.4
Y49A Blount Mountai	87.97 307	IAMB	IAMB	02 37 19.9
LRAL Lakeview Retre	88.09 306	P	P	02 37 18.3 +0.3
N51A Ashland	88.14 315	P	P	02 37 18.3 +0.2
T50A Nancy	88.14 310	IAMB	IAMB	02 37 20.6
D53A Lac Vachiv, Po	88.15 322	P	P	02 37 18.3 +0.3
D53A Lac Vachiv, Po	88.15 322	IAMB	IAMB	02 37 19.7
SWET Sewanee	88.18 308	IAMB	IAMB	02 37 20.8
M51A Elyria	88.20 315	P	P	02 37 18.4 +0.1
ACSO Alum Creek Sta	88.24 314	P	P	02 37 19.0 +0.4
H52A Wyevale	88.27 319	P	P	02 37 18.8 +0.2
E52A Mattawa	88.32 321	P	P	02 37 19.2 +0.4
HRA Herat	88.42 53	P	P	02 37 19.5 -0.3
HRA				02 37 23.5
D52A ZEK Kipawa Sen	88.52 321	P	P	02 37 19.5 -0.1
VLDQ Val d'Or	88.53 323	IAMB	IAMB	02 37 22.5
I51A Listowel	88.58 318	P	P	02 37 20.1 0.0
U49A Red Boiling Sp	88.61 309	IAMB	IAMB	02 37 22.8
X48A Hartselle	88.70 307	IAMB	IAMB	02 37 23.3
LSQQ Lac-Sauv-Quev	88.75 323	P	P	02 37 21.3 +0.6
CLTN Cedars of Leba	88.84 309	IAMB	IAMB	02 37 23.8
F51A Arnstein	88.91 320	P	P	02 37 21.3 -0.2
R49A Shelbyville	88.92 311	IAMB	IAMB	02 37 23.9
E51A G1948 Merrick	88.94 320	P	P	02 37 21.6 -0.1
P49A Miami Univ. Ec	89.13 312	P	P	02 37 22.5 -0.3
P49A Miami Univ. Ec	89.13 312	IAMB	IAMB	02 37 24.8
D51A Lot Range	89.14 321	P	P	02 37 22.6 0.0
N49A Columbus Grove	89.37 314	IAMB	IAMB	02 37 26.0
D50A G1974 West Tow	89.46 321	P	P	02 37 24.9 +0.8
MATO Matagami	89.48 324	P	P	02 37 23.4 -0.7
SCO Scoresbysund	89.50 357	P	P	02 37 24.3 +0.6
SCO				
comp=Z,97nm,1.5s				
SCO Scoresbysund	89.50 357	P	P	02 37 24.3 +0.6
P48A Milroy	89.60 312	IAMB	IAMB	02 37 26.5
E50A Wahnapitae	89.64 320	P	P	02 37 24.7 -0.3
PLAL Pickwick Lake	89.69 307	IAMB	IAMB	02 37 27.4
WCI Wyandotte Cave	89.70 311	P	P	02 37 25.0 -0.5
WCI				
comp=Z,29nm,1.2s				
WCI Wyandotte Cave	89.70 311	P	P	02 37 25.1 -0.4
WCI				
comp=Z,29nm,1.1s				
WCI Wyandotte Cave	89.70 311	IAMB	IAMB	02 37 27.6
WCI				
comp=Z,29nm,1.1s				
KLMR Klimovskoe	89.73 23	eP	P	02 37 23.2 -1.8
KLMR				
comp=Z,53nm,1.4s				
KLMR Klimovskoe	89.73 23	eP	P	02 37 23.2 -1.8
KLMR				02 37 28.3
comp=Z,59nm,1.4s				
T47A Sharon Grove	89.78 309	IAMB	IAMB	02 37 28.1
WWT Waverly	89.97 308	P	P	02 37 26.5 -0.3
WWT				
comp=Z,50nm,1.4s				
WWT Waverly	89.97 308	P	P	02 37 26.1 -0.6
WWT				
comp=Z,50nm,1.4s				
WWT Waverly	89.97 308	P	P	02 37 26.4 -0.3
WWT				02 37 28.9
comp=Z,50nm,1.4s				
L48A N Adams	89.98 315	IAMB	IAMB	02 37 28.9
N47A Urbana	90.38 313	IAMB	IAMB	02 37 30.3
D49A Beulah Townshi	90.42 320	P	P	02 37 28.4 -0.2
OXF Oxford	90.52 306	P	P	02 37 28.4 -0.9
E48A Lockeyer	90.55 320	P	P	02 37 29.1 -0.1
D48A Paudash Townsh	90.65 320	P	P	02 37 29.7 0.0
SFIN Lafayette	91.15 312	P	P	02 37 31.7 -0.4
SFIN				
comp=Z,47nm,1.6s				
D47A Chapleau	91.38 320	P	P	02 37 33.8 +0.7
TMCR Tamitsa	91.48 20	eP	P	02 37 33.6 +0.5
TMCR				
comp=Z,34nm,1.0s				
D46A Sault St. Mari	91.88 319	P	P	02 37 35.1 -0.3
ARCES ARCESS Array B	92.27 12	P	P	02 37 36.3 -0.4
comp=Z,6.3nm,1.1s,baz=247,slow=2.5,SNR=10				03 02 20.3
ARCES				
comp=Z,293nm,19.8s,baz=192,slow=36				
ARCES ARCESS Array B	92.27 12	P	P	02 37 36.3 -0.4
KIRV Kirov	92.31 27	iP	P	02 37 37.1 +0.1
PRGR Permogore	92.51 24	eP	P	02 37 38.8 +0.9
PRGR				
comp=Z,9.0nm,1.3s				
AKTO Aktyubinsk	92.53 37	P	P	02 37 38.9 +0.5

Table with columns: YUK, Yuzh-Kuril'sk, 149.01 32 i PKP2, PKPbc, 02 44 14.5 -0.8, 02 47 46.6

comp=Z,129nm,22.0s

NEIC 30 02:29:23.5:1.7, 3.30S:0:10:147.1E:0:1, h49km,9km, mb4.3/14, Error ellipse: s-maj=19.1km s-min=13.2km az=66.0

IDC 30 02:29:25.4:4.0, 3.35S:147.07E, h57km,36km, mb3.8/6, mb1 4.0/9, mb1mx3.7/33, mbtmp4.1/9, ML2,8.3, MS3,7/9, Ms1 3.7/9, ms1mx3.4/35, Error ellipse: s-maj=35.0km s-min=24.9km az=87.0

ISC 30 02:29:22.3:1.0, 3.23S:0:10:147.2E:0:1, h35km,n34, r113/26, mb4.1/7, MS3,5/7, Bismarck Sea

Main table for the left column containing station names, codes, and various data points.

Table with columns: DBBC, Dabeiba, 1.30 113 eP, Pg, 02 57 17.5 -0.2, 02 57 33.7 -0.8

comp=Z,70nm,0.3s

Table with columns: DBBC, Los crdobas, 1.68 38 eP, Sg, 02 57 23.9 +0.5, 02 57 46.2 +0.7

AEIC 30 03:43:35.8:1.4, 5.19N:0:1x178:32E:0:05, h121km,3km, ML3.0/36, mb4.1/34, NEIC, Error ellipse: s-maj=17.4km

NEIC 30 03:43:35.2:1.5, 5.02N:0:1x178:37E:0:08, h123km,4km, Error ellipse: s-maj=18.8km s-min=11.5km az=186.0

IDC 30 03:43:35.0:3.9, 5.270N:178.43E, h118km,35km, mb3.5/19, mb1 3.7/21, mb1mx3.6/59, mbtmp4.0/21, Error ellipse: s-maj=18.8km s-min=11.5km az=168.0

ISC 30 03:43:35.0:0.6, 5.197N:0:09:178.34E:0:04, h121km,5km, n103, r095/103, mb4.0/28, Rat Islands

Main table for the middle column containing station names, codes, and various data points.

Table with columns: INK, Inuvik, 28.01 36 P, P, 03 49 13.8 -0.3, 03 49 17.5

comp=Z,3.2nm,0.9s

Main table for the right column containing station names, codes, and various data points.

30d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, HNR Honiara, MKAR Makanchi Array.

NEIC 30 04:25:11.71-1.9, 101.11N:0.05:124.9E:0.2, h10km, 1km, mb4.3/10, Error ellipse: s-maj=34.0km s-min=5.8km az=259.0

IDC 30 04:25:12.1-0.8, 10.34N:125.12E, h0km, mb3.9/12, mb1.4/0.12, mb1mx3.8/47, mbtmp3.9/12, Error ellipse: s-maj=46.4km s-min=16.1km az=80.0

MAN 30 04:25:14.6, 10.43N:124.94E, h3km, MS3.2, comp=2.0, 4nm, 0.6, 10.34N:125.16E:0.07, h21km, 3km, n13, -2828/37, mb4.1/18, 2C-2D, Leyte

Main station list for 30d 5h. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSLP Maasin, WBO Warrungarra Arr, WRA Warrungarra Arr, etc.

NIC 30 04:26:47.4-0.0, 35.04N:32.14E, h22km, M12.5/5, ISK 30 04:26:47.4, 35.14N:32.21E, h6km, ML2.1/7, ISK 30 04:26:48.4, 1.5, 35.13N:0.05:32.21E:0.08, h15km, 8km, n13, -2896/22, Cyprus region

Main station list for 30d 5h (continued). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKMS Akamas, ALFC Alefka, NATA Nata, etc.

IDC 30 04:29:42.3-0.8, 15.02S:173.12W, h0km, mb3.9/10, mb1.4/2.10, mb1mx4.0/39, mbtmp3.9/10, MS3.4/11, Ms1.3.4/11, ms1mx3.2/30, Error ellipse: s-maj=33.4km s-min=16.3km az=135.0

NEIC 30 04:29:46.1-1.2, 15.06S:0.05:172.99W:0.09, h35km, 2km, mb4.3/6, Error ellipse: s-maj=15.2km s-min=9.2km az=265.0

ISC 30 04:29:46.1-0.6, 15.06S:0.08:173.0W:0.1, h29km, n37, -1531/25, mb4.0/12, MS3.4/10, Samoa Islands region

Small table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI 202nm, 0.3s, baz=69, slow=24, SNR=16.

2014 JUL

Main station list for 2014 JUL. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, KNTN Kanton, etc.

SOME 30 04:55:36.1, 40.80N:71.32E, h20km, KRNET 30 04:55:38.0, 0.1, 40.86N:71.03E, h35km, mb2.5, NNC 30 04:52:42.9, 5.8, 41.04N:71.00E, h0km, mb3.1, mpv3.0, Error ellipse: s-maj=44.8km s-min=26.9km az=18.0

ISC 30 04:50:42.1-1.4, 40.88N:0.03:71.04E:0.03, h29km, 13km, n16, -1534/31, 11C-BD, Tajikistan

Main station list for 2014 JUL (continued). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTK Batken, ARK Arkhit, OHH Osh, etc.

IDC 30 05:11:06.5-1.0, 29.99S:177.16W, h0km, mb4.0/6, mb1.4/3.7, mb1mx3.9/32, mbtmp3.9/17, ML4.3/1, MS3.5/3, Ms1.3.5/3, ms1mx2.9/30, Error ellipse: s-maj=27.3km s-min=18.0km az=56.0

NEIC 30 05:11:07.5-1.6, 30.16S:0.04:177.3W:0.1, h10km, 1km, mb4.5/9, Error ellipse: s-maj=19.7km s-min=5.1km az=73.0

ISC 30 05:11:08.9-0.8, 30.20S:0.06:177.4W:0.1, h10km, n31, -1547/29, mb4.2/8, Kermadec Islands

1458

Main station list for 1458. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IDC 30 05:22:31.6-0.8, 41.78N:32.45E, h0km, mb3.4/5, mb1.3/5.9, mb1mx3.4/38, mbtmp3.4/9, ML3.7/3, Error ellipse: s-maj=27.3km s-min=7.0km az=62.0

DDA 30 05:22:32.8, 41.64N:32.57E, h7km, 4km, ML3.3, ISK 30 05:22:32.2, 41.76N:32.56E, h5km, ML3.4/28, BIC 30 05:22:38.9, 1.1, 43.03N:151.51E, h15km, ML3.6/4, ISK 30 05:22:32.4-0.8, 41.78N:0.02:32.52E:0.02, h12km, 5km, n98, -1561/143, mb3.4/4, 10C-15D, Turkey

Main station list for 1458 (continued). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASR Amarsa-Bartin, MASR Amarsa-Bartin, MASR Amarsa-Bartin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COAL Corum-Alaca, SVRH Sivrihisar-ESK, AUSUV Sivrihisar, etc.

NORS 30 06:04:43.1±0.0, 43°49N-44°03E, h12km, MPVA3.5
MOS 30 06:04:44.7±0.0, 43°49N-44°03E, h11km, MPVA3.1
ISC 30 06:04:44.1±1.0, 43°49N-0°03-44°04E, h13km, g6km, n17, c065/34, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STDR Stavd-Durt, LSNR Lesken, PRTR Priterechnaya, etc.

MDD 30 06:06:41.9±0.5, 35°54N-0°07W, h0km, mb3.65, Error ellipse: s-maj=6.1km s-min=6.0km az=145.0, PRXIMO CNIRM 30 06:06:42.6±2.1, 35°86N-1°51W, h307km, 16km, Error ellipse: s-maj=31.8km s-min=10.1km az=97.0

ISC 30 06:06:42.0±1.0, 35°55N-0°06-0°05E, h14km, n14, c179/23, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJBR Djebel Berber, ODJA Bouhanifia, TAF Tafarait, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SESP Santiago Espad, SESP SESP, ETOB Tobarra, etc.

ISC 30 06:13:59.2±0.2, 40°44N-142°01E, h0km, mb3.7/6, mb1 3.8/7, mb1mx3.5/55, mbtmp3.7/7, ML3.8/1, MS2.9/3, Ms1 2.9/3, ms1mx2.3/45, Error ellipse: s-maj=53.2km s-min=29.9km az=80.0
JMA 30 06:14:05.8±0.1, 40°66N-142°26E, h44km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 1014N; Mn:0.81; Mm:0.17; M0:0.98; Me:1.65; Mb:2.53; Fault plane solution: M3: 15000*10^14 NP1: 31.00000°, 83.00000°, 1.100.00000°. NP2: 153.00000°, 81.200000°, 1.33.00000°

ISC 30 06:14:06.4±1.1, 40°63N-120°04-142°16E, h52km, 10km, n28, c077/32, mb3.8/6, 2C-7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKEN Kujiedanarisaw, JKEN JKEN, JANG Nango, etc.

H1N2 WAKE ISLAND HY 29.68 127 T T 06 51 43.2
H1N1 WAKE ISLAND HY 30.50 129 T T 06 51 42.9
H1N3 WAKE ISLAND HY 30.50 129 T T 06 52 47.5
H1S2 WAKE ISLAND HY 30.52 129 T T 06 52 47.3

ZALV Zalesovo Beam 40.00 309 P P 06 21 35.6 -0.2

ISU 30 06:35:36.5±1.4, 32°28N-72°04E, h0km SOME 30 06:35:37.4±1.2, 29°17N-71°95E, h5km KRNET 30 06:35:38.2±0.1, 41°18N-71°96E, h13km, mb2.9 NNC 30 06:35:40.8±1.8, 41°21N-72°10E, h7km, 13km, mb3.6, mpv3.5, Error ellipse: s-maj=17.6km s-min=7.4km az=170.0

ISC 30 06:35:39.3±0.8, 41°17N-0°02-71°95E, h10km, n40, c1979/69, 20C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRG Fergana, ARK Arkit, ARK Arkit, etc.

mb1 3.8/11, mb1mx3.6/48, mbtmp3.6/11, ML2.7/1, Error ellipse: s-maj=30.1km s-min=23.6km az=28.0

TEH 30 06:20:55.6±0.9, 26°36N-53°57E, h15km, ML3.7 OMAN 30 06:20:59.6±0.9, 26°38N-53°66E, h94km, 5km, ml3.4/12, Error ellipse: s-maj=17.6km s-min=9.1km az=20.0

ISC 30 06:20:54.0±0.7, 26°32N-0°05-53°52E, h10km, n47, c1564/48, mb3.6/10, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LMD1 Lamerd, LAR1 LAR, JHRM Jahrom, etc.

ISC 30 06:22:28.2±3.4, 26°59N-53°61E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.2/46, mbtmp3.7/3, Error ellipse: s-maj=83.7km s-min=35.8km az=154.0, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSAR Wadi Sarin, BRTR Keskin Array B, ZALV Zalesovo Beam, etc.

ISU 30 06:35:36.5±1.4, 32°28N-72°04E, h0km SOME 30 06:35:37.4±1.2, 29°17N-71°95E, h5km KRNET 30 06:35:38.2±0.1, 41°18N-71°96E, h13km, mb2.9 NNC 30 06:35:40.8±1.8, 41°21N-72°10E, h7km, 13km, mb3.6, mpv3.5, Error ellipse: s-maj=17.6km s-min=7.4km az=170.0

ISC 30 06:35:39.3±0.8, 41°17N-0°02-71°95E, h10km, n40, c1979/69, 20C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRG Fergana, ARK Arkit, ARK Arkit, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGG Agios Georgios, AXAR Agios Charalam, MGNA Meganis, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KARY Kyaristos, KATHA Kythira Island, FNA Florina, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, GERES GERRSS Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBN Obninsk, AKASG Main Array Be, AKASG 1.9nm, 0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, ZALV Zalesovo Beam, ARCES ARCES Array B, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WB0 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AF1 Afiamalu, AFI Afiamalu, DZM Mont Dzumac, etc.

ICD 30 08:00:33.8 4.5, 52.41N, 35.19E h0km, mb1 3.5/4, mb1mx3.2/7, mbtmtp3.4/4, ML2.8/4, Error ellipse: s-maj=56.9km s-min=15.7km az=120.0, Baltic States-Belarus-Northwestern Russia

ICD 30 08:09:01.6 3.4, 26.24N, 53.56E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/49, mbtmtp3.6/4, Error ellipse: s-maj=76.8km s-min=35.9km az=152.0, Southern Iran

NEIC 30 08:17:43.3 1.3, 1.57N, 0.08, 124.7E, 0.1, h237km, 8km, mb4.2/0, Error ellipse: s-maj=175.7km s-min=11.1km az=82.0

ICD 30 07:17:43.2 0.7, 1.44N, 0.07, 124.73E, 0.07, h235km, n26, c1996/34, mb4.0/12, Minahan Peninsula, Sulawesi

ICD 30 08:31:28.2 1.1, 17.98S, 173.85W, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.8/27, mbtmtp3.8/7, ML3.7/1, MS3.1/2, MS1 3.7/12, ms1mx2.5/3, mbtmtp3.8/7, ML3.5/2, MS2.8/2, MS1 2.8/2, ms1mx2.3/36, Error ellipse: s-maj=20.7km s-min=17.2km az=13.0

30d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, etc.

HEL 30 08:33:41.4, 0.1, 59.70N:22.29E, h0km, ML2.2, ML2.3(UPP), Explosion

ISC 30 08:33:42.6, 1.9, 59.83N:22.24E, h0km, mb1.2/9.3, mb1mx2.8/34, mbtmp2.8/3, ML2.3/3, Error ellipse: s-maj=23.1km s-min=10.4km az=163.0

ISC 30 08:33:39.8, 0.8, 59.74N:0.04:22.33E, h0km, n37, s158/56, Baltic States-Belarus-Northwestern Russia

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MET Metsahovi, AAL Aland, NRTU Norrtälje, GRAU Graesoe, etc.

NEIC 30 08:34:28.4, 0.7, 18.88N:0.05:67.92W, h0km, I34km, 11km, Error ellipse: s-maj=9.1km s-min=2.6km az=216.0

RSR 30 08:34:27.4, 1.8, 92N:68.05W, h0km, 5km, MD2.9/14, 12C-3D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCDR Punta Cana, AGPR Aguadilla, LSP Las Mesas, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDRP Patillas Dam, CBYC Canovanos, HUMP Col San Antonio, etc.

ISC 30 08:37:56.3, 0.9, 14.06N:92.97E, h0km, mb3.8/8, mb1.3/9.10, mb1mx3.7/34, mbtmp3.8/10, ML3.6/2, Error ellipse: s-maj=35.1km s-min=19.0km az=52.0

ISC 30 08:38:00.7, 0.9, 14.10N:0.1:93.0E, h1, h32km, n13, s093/11, mb3.9/8, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PALK Palakkad, H08S2 Diego Garcia, etc.

CRAAG 30 08:55:06.5, 35.51N:0.08W, M13.2, MDD 30 08:55:07.0, 4, 35.47N:0.14W, h0km, mb4.0/9, Error ellipse: s-maj=5.0km s-min=4.4km az=11.0, PRXIMO

CNRM 30 08:55:18.8, 2.3, 35.94N:1.16W, h167km, 19km, Error ellipse: s-maj=32.5km s-min=9.4km az=103.0

ISC 30 08:55:07.8, 1.3, 35.60N:0.04:0.03W, h6km, 11km, n32, s187/48, 1C, Northern Algeria

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ODJA Bouhanifia, OJBR Djebel Berber, OTSS Djebel Tessaia, etc.

HEL 30 08:59:36.3, 0.2, 64.68N:30.80E, h0km, ML2.0, Explosion, ISC 30 08:59:56.3, 1.6, 64.59N:31.06E, h0km, mb1.2/8.3, mb1mx2.7/31, mbtmp2.7/3, ML1.9/3, Error ellipse: s-maj=42.5km s-min=10.9km az=104.0

KOLA 30 08:59:36.8, 64.62N:30.94E, h0km, ISC 30 08:59:35.9, 1.2, 64.71N:0.04:30.45E, h0km, n16, s076/20, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKLM AKL, EIBI Ibizia, MDT Midett, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APA Apatity, SGF Sodankylä, KAF Kangasniemi, VAF Ylistaro, etc.

ISC 30 09:09:03.6, 0.1, 35.90N:30.97E, h36km, 28km, M13.0/4, DDA 30 09:08:05.4, 35.74N:31.47E, h12km, 2km, ML2.3, ISK 30 09:08:06.7, 35.65N:31.42E, h7km, ML2.6/16

ISC 30 09:08:06.9, 1.2, 35.70N:0.03:31.43E, h5km, 11km, n39, s192/52, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZI Gazipasa, AKMS Akamas, AKUM Antalya-Kum, etc.

ISC 30 09:08:06.9, 1.2, 35.70N:0.03:31.43E, h5km, 11km, n39, s192/52, Cyprus region

ISC 30 09:08:06.9, 1.2, 35.70N:0.03:31.43E, h5km, 11km, n39, s192/52, Cyprus region

ISC 30 09:08:06.9, 1.2, 35.70N:0.03:31.43E, h5km, 11km, n39, s192/52, Cyprus region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NATA Nata, LEF Lefka, TEKE Tekeli-Mersin, etc.

ISC 30 09:15:16.9, 2.4, 17.76S:174.78W, h170km, 21km, mb3.8/18, mb1.4/19, mb1mx3.9/42, mbtmp4.3/19, MS3.2/3, Ms1.3/2.3, ms1mx2.7/33, Error ellipse: s-maj=18.6km s-min=10.5km az=127.0

NEIC 30 09:15:17.8, 1.1, 17.68S:0.08:174.8W, 0.1, h179km, 6km, mb4.4/55, Error ellipse: s-maj=16.0km s-min=11.6km

ISC 30 09:15:19.0, 0.4, 17.80S:0.05:174.64W, h200km, n146, s2911/147, mb4.2/47, 1C, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, AFI Afiamalu, etc.

30d 11h

Table with 4 columns: LPL, Station Name, Time, Res. Includes La Plagne, comp=2.9nm,0.3s

Table with 4 columns: Code, Station Name, Time, Res. Includes IDC 30 09:49:28.9, 2.4, 7.05S, 128.72E, h0km, mb3.4/1

Table with 4 columns: Code, Station Name, Time, Res. Includes IDC 30 09:57:12.3, 1.7, 49.03N, 0.05, 18.11E, h10km, n6

Table with 4 columns: Code, Station Name, Time, Res. Includes IDC 30 11:40.9, 1.0, 35.27S, 106.18W, h0km, mb3.9/7

Table with 4 columns: Code, Station Name, Time, Res. Includes IDC 30 10:11:43.1, 0.9, 35.3S, 0.2, 106.2W, h15km, n30

Table with 4 columns: Code, Station Name, Time, Res. Includes RPN Rapa Nui, H03S2 Juan Fernandez, H03S1 Juan Fernandez

Table with 4 columns: Code, Station Name, Time, Res. Includes PLCA Paso Flores, CFA Coronel Fontan, LPAZ La Paz

Table with 4 columns: Code, Station Name, Time, Res. Includes CPUP Villa Florida, SIV San Ignacio, ROSC El Rosal

Table with 4 columns: Code, Station Name, Time, Res. Includes QSPA South Pole Qui, BDFB Brasilia, VNA3 Neumayer Olymp

Table with 4 columns: Code, Station Name, Time, Res. Includes SNA4 Sanae, NVAR Mina Araya Bea, PDAR Piedale Array

Table with 4 columns: Code, Station Name, Time, Res. Includes STKA Stephens Creek, ASAR Alice Springs, H01W1 Cape Leeuwin

Table with 4 columns: Code, Station Name, Time, Res. Includes AKASO Malin Array, BRTR Keskin Array, SONM Songo Array

Table with 4 columns: Code, Station Name, Time, Res. Includes SOME 30 10:14:57.2, 43.55N, 69.67E, NNC 30 10:14:58.2, 1.1, 43.56N, 69.73E

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Table with 4 columns: JAYA, Station Name, Time, Res. Includes Jayaque - finc, Universidad Ev

Table with 4 columns: BOOS, Station Name, Time, Res. Includes Boqueron, El Faro, San Blas

Table with 4 columns: COEG, Station Name, Time, Res. Includes Centro de Oper, El Retiro, Las Pavas

Table with 4 columns: PAVA, Station Name, Time, Res. Includes Las Pavas, NUBE Las Nubes, TACO Tacachico

Table with 4 columns: TACO, Station Name, Time, Res. Includes Tacachico, Alcala de J, Alcala de E

Table with 4 columns: COEB, Station Name, Time, Res. Includes Comit de Eme, JUCU Jucuarjn, MTO3 Montecristo

Table with 4 columns: IKG, Station Name, Time, Res. Includes Ixpacco, LCNAD La Caada, LCNAD La Caada

Table with 4 columns: IDC 30 10:57:15.2, 4.4, 7.43N, 136.75E, h0km, mb3.4/4, mb1 3.5/4

Table with 4 columns: Code, Station Name, Time, Res. Includes JHH Hachijo jima 2, WRA Warramunga Arr, ASAR Alice Springs

Table with 4 columns: H11S3 WAKE ISLAND Hy 31.14 66 T, H11S1 WAKE ISLAND Hy 31.14 66 T, SONM Songo Array

Table with 4 columns: IDC 30 11:00:08.5, 3.5, 26.64N, 53.65E, h0km, mb3.4/3, mb1 3.5/3

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Table with 4 columns: MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr

Table with 4 columns: ASAR Alice Springs, LSZ Lusaka, ITZ Itzhi-Tezhi

Table with 4 columns: ITZ, Station Name, Time, Res. Includes Itzhi-Tezhi, ITZ, LSZ Lusaka

Table with 4 columns: BLWY Bulawayo, MATP Matopo, KBZ Khabaz

Table with 4 columns: BRTR Keskin Array, ZALV Zalesovo Beam, FINES FINESS Array

Table with 4 columns: RES Resolute Bay, AUJCS Jamestown Cent, HTT Hallett

Table with 4 columns: BBOO Buckleboo, LCRK Leigh Creek, STKA Stephens Creek

Table with 4 columns: STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek

Table with 4 columns: MULG Mulgathing, ASAR Alice Springs, WRA Warramunga Arr

Table with 4 columns: IDC 30 11:53:05.0, 0.6, 53.30S, 24.34W, h0km, mb4.1/9, mb1 4.2/9

Table with 4 columns: NEIC 30 11:53:06.6, 1.8, 53.3S, 0.1, 24.6W, 0.1, h10km, n48, s=192/46

Table with 4 columns: Code, Station Name, Time, Res. Includes HOPE Hope Point, VNA3 Neumayer-Stat

Table with columns: PTMZ, Houxiangcun, 3.31 320 eP, Pn, 12 10 18.9 +0.2, etc.

AEIC 30 12:16:40.0-1.6, 67.63N, 0.02-162.0W, 0.2, h25km, 8km, ML3.3/38, Error ellipse: s-maj=9.2km s-min=1.8km az=107.0

ISC 30 12:16:39.8-1.1, 68.06N, 161.74W, h0km, mb3.6/8, mb1.3/9.1, mb1mx3.6/50, mbtmp3.7/11, ML3.7/3, MS2.7/1, s-min=15.6km az=42.0

NEIC 30 12:16:40.5-1.6, 67.64N, 0.04-162.0W, 0.1, h23km, 10km, Error ellipse: s-maj=8.3km s-min=3.7km az=55.0

ISC 30 12:16:39.0-2.7, 67.63N, 0.05-161.95W, 0.05, h10km, n52, o1333/59, mb3.5/7, Northern Alaska

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

Table with columns: DHY, Denali Highway, 7.60 120, Pn, 12 18 30.9 +1.0, etc.

ISC 30 12:25:06.2-1.8, 81.83S, 169.32E, h238km, 16km, mb3.8/18, mb1.4/0.19, mb1mx3.9/25, mbtmp4.3/19, Error ellipse: s-maj=14.2km s-min=12.7km az=114.0

NEIC 12:25:06.2-1.3, 81.86S, 0.08-169.28E, 0.09, h242km, 6km, mb4.6/19, Error ellipse: s-maj=12.6km s-min=11.1km az=135.0

ISC 30 12:25:06.3-0.8, 81.89S, 0.06-169.28E, 0.06, h242km, 8km, n190, o085/202, mb4.6/76, Vanuatu Islands

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

AEIC 30 12:16:40.0-1.6, 67.63N, 0.02-162.0W, 0.2, h25km, 8km, ML3.3/38, Error ellipse: s-maj=9.2km s-min=1.8km az=107.0

ISC 30 12:16:39.8-1.1, 68.06N, 161.74W, h0km, mb3.6/8, mb1.3/9.1, mb1mx3.6/50, mbtmp3.7/11, ML3.7/3, MS2.7/1, s-min=15.6km az=42.0

NEIC 30 12:16:40.5-1.6, 67.64N, 0.04-162.0W, 0.1, h23km, 10km, Error ellipse: s-maj=8.3km s-min=3.7km az=55.0

ISC 30 12:16:39.0-2.7, 67.63N, 0.05-161.95W, 0.05, h10km, n52, o1333/59, mb3.5/7, Northern Alaska

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

Table with columns: TPUB, Ta-pu, 63.35 309 P, P, 12 35 10.0 -0.2, etc.

30d 13h

TWE	baz=325	i	Sb	13 21 01.1 +0.5		
ENTT	baz=325 Nioudou baz=310	0.54 312	i	Pb	13 20 53.1 -0.2	
ENTT	baz=310	0.56 305	i	Pb	13 20 01.2 +0.5	
NDT	Datong Townshi baz=303	0.56 305	i	Pb	13 20 53.5 0.0	
NDT	baz=303		S	Sb	13 21 01.1 -0.1	
EGS	baz=357	0.57 353	P	Pn	13 20 54.8 -0.3	
EGS	baz=357		S	Sb	13 21 02.1 +0.6	
NNSB	baz=281	0.59 285	P	Pb	13 20 54.1 -0.1	
NNSB	baz=281		S	Sb	13 21 02.1 -0.1	
NNSH	Datong baz=281	0.59 285	P	Pb	13 20 54.1 -0.1	
NNSH	baz=281		S	Sb	13 21 02.0 -0.2	
NTC	Toucheng baz=346	0.60 344	P	Pn	13 20 54.5 -1.0	
NTC	baz=346		eS	Sn	13 21 04.5 0.0	
NNS	Nan Shan baz=281	0.60 286	P	Pb	13 20 54.2 -0.2	
NNS	baz=281		eS	Sb	13 21 02.2 -0.4	
NWLTL	Wulail baz=316	0.68 317	P	Pb	13 20 55.5 -0.1	
NWLTL	baz=316		S	Sb	13 21 04.3 -0.4	
WHF	Helvian Shan baz=254	0.69 259	P	Pn	13 20 56.0 -1.2	
WHF	baz=254		eS	Sb	13 21 05.5 0.0	
YHNB	Yeheng baz=302	0.70 304	i	P	Pb	13 20 55.7 -0.2
YHNB	baz=302		S	Sb	13 21 05.0 -0.2	
FUSS	baz=302 Fushou baz=263	0.70 268	P	Pn	13 20 56.1 -1.0	
FUSS	baz=263		eS	Sn	13 21 05.8 -1.6	
ESL	Shilin baz=223	0.70 229	eP	Pn	13 20 56.2 -0.7	
ESL	baz=223		eS	Sn	13 21 07.0 0.0	
TIPB	Shuangxi baz=353	0.71 346	P	Pn	13 20 56.2 -0.8	
TIPB	baz=353		eS	Sb	13 21 05.9 +0.3	
NSK	Sanguang baz=295	0.72 304	P	Pb	13 20 56.0 -0.3	
NSK	baz=295		S	Sb	13 21 05.3 -0.4	
TWB1	Santiao Chiao baz=2.0	0.73 358	P	Pn	13 20 56.8 -0.5	
TWB1	baz=2.0		eS	Sn	13 21 06.8 -0.8	
TWT	Tachien baz=264	0.76 268	P	Pn	13 20 57.5 -0.4	
TWT	baz=264		S	Sn	13 21 08.5 -0.3	
TDCB	Techi baz=264	0.78 268	P	Pn	13 20 57.5 -0.6	
TDCB	baz=264		S	Sn	13 21 07.9 -1.2	
CHGB	Renai baz=241	0.80 254	P	Pn	13 20 57.9 -0.5	
CHGB	baz=241		S	Sn	13 21 09.3 -0.3	
TWA	Mucha baz=324	0.80 331	eP	Pn	13 20 57.9 -0.4	
TWA	baz=324		eS	Sn	13 21 08.5 -1.0	
EGFH	Guangfu baz=232	0.81 222	P	Pn	13 20 58.3 -0.1	
EGFH	baz=232		S	Sn	13 21 11.2 +1.5	
NHHD	Xindian Distri baz=321	0.81 327	eP	Pn	13 20 58.1 -0.4	
NHHD	baz=321		S	Sb	13 21 08.5 +0.1	
NWF	Wu-fen Shan baz=347	0.82 345	P	Pn	13 20 58.3 -0.3	
NWF	baz=347		eS	Sn	13 21 09.9 -0.1	
WFSB	Wu-fen Shan baz=347	0.82 345	eP	Pn	13 20 58.3 -0.2	
WFSB	baz=347		eS	Sn	13 21 10.3 +0.5	
OWD	Renai baz=243	0.83 247	S	Sn	13 21 09.9 -0.5	
JYNG	Yongunijimaku baz=330	0.87 78	P	Pn	13 20 59.3 +0.1	
JYNG	baz=330		S	Sn	13 21 12.0 +0.9	
TAP1	Taipel baz=330	0.88 330	P	Pn	13 20 59.5 +0.2	
TAP1	baz=330		S	Sn	13 21 11.6 +0.2	
TAP	Taipel baz=330	0.89 329	eP	Pn	13 20 59.5 +0.1	
TAP	baz=330		eS	Sn	13 21 12.1 +0.5	
WLTB	Daxi baz=298	0.90 310	eP	Pn	13 20 59.7 +0.1	
WLTB	baz=298		S	Sn	13 21 12.3 +0.4	
YOJ	Yongunijima baz=199	0.93 78	P	Pn	13 21 00.2 +0.2	
YOJ	baz=199		eS	Sn	13 21 13.4 +0.8	
HGSD	Ruisui baz=199	0.95 215	P	Pn	13 21 01.3 +1.0	
HGSD	baz=199		eS	Sn	13 21 14.2 +1.1	
VWDT	baz=199 VWDT baz=232	0.95 237	P	Pn	13 21 00.7 +0.3	
VWDT	baz=232		S	Sn	13 21 14.1 +0.9	
YM01	YM01 baz=347	0.95 335	P	Pn	13 21 00.6 +0.2	
YM01	baz=347		S	Sn	13 21 13.6 +0.2	
YM10	YM10 baz=347	0.97 335	P	Pn	13 21 00.4 -0.2	
YM10	baz=347		eS	Sn	13 21 13.1 -0.5	
YM11	YM11 baz=348	0.97 336	eP	Pn	13 21 00.7 0.0	
YM11	baz=348		S	Sn	13 21 13.8 0.0	
YM05	YM05 baz=347	0.97 335	eP	Pn	13 21 00.2 -0.5	
YM05	baz=347		eS	Sn	13 21 14.1 +0.3	
WHP	Taichung City baz=266	0.97 270	eP	Pn	13 21 00.5 -0.2	
WHP	baz=266		eS	Sn	13 21 13.1 -0.7	
YM04	YM04 baz=335	0.97 334	P	Pn	13 21 00.4 -0.2	
YM04	baz=335		eS	Sn	13 21 13.5 -0.3	
LIOB	Emei baz=290	0.98 292	P	Pn	13 21 01.2 +0.5	
LIOB	baz=290		S	Sn	13 21 14.1 +0.2	
TWS1	Kuangyinshan baz=338	0.98 327	P	Pn	13 21 00.5 -0.2	
TWS1	baz=338		eS	Sn	13 21 14.2 +0.2	
YM08	YM08 baz=349	0.98 337	P	Pn	13 21 00.9 +0.1	
YM08	baz=349		S	Sn	13 21 13.7 -0.4	
NSTT	Nanjung baz=288	0.99 291	i	P	Pn	13 21 01.1 +0.3
NSTT	baz=288		S	Sn	13 21 13.4 -0.7	
EHY	Hungye baz=227	0.99 220	P	Pn	13 21 00.7 -0.3	
EHY	baz=227		S	Sn	13 21 13.9 -0.3	
YM03	YM03 baz=336	1.00 334	eP	Pn	13 21 01.2 +0.2	
YM03	baz=336		S	Sn	13 21 15.6 +1.2	

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ANP	baz=336 Anpu baz=335	1.01 334	eP	Pn	13 21 00.7 -0.6	
ANP	baz=335		eS	Sn	13 21 14.2 -0.5	
NCU	National Centr baz=312	1.02 313	eP	Pb	13 20 59.7 -1.7	
NCU	baz=312		S	Sn	13 21 16.2 +1.3	
NCUH	Zhongli baz=312	1.02 313	P	Pb	13 21 00.7 -0.7	
NCUH	baz=312		eS	Sn	13 21 16.3 +1.5	
NTST	Danshui baz=340	1.02 330	eP	Pb	13 20 59.4 -2.0	
NTST	baz=340		eS	Sn	13 21 15.2 +0.3	
DPDB	Guoxing baz=245	1.02 256	eP	Pn	13 21 01.4 0.0	
DPDB	baz=245		S	Sn	13 21 15.8 +0.8	
TWY	Chenhua baz=342	1.06 339	eP	Pn	13 21 01.8 0.0	
TWY	baz=342		eS	Sn	13 21 17.1 +1.2	
SBCB	Hsinchu baz=314	1.07 299	P	Pn	13 21 02.1 +0.2	
SBCB	baz=314		S	Sn	13 21 17.4 +1.4	
SSLB	Suanglung baz=231	1.08 243	P	Pn	13 21 02.9 +0.7	
SSLB	baz=231		eS	Sn	13 21 16.3 -0.2	
SMLT	Sun Moon Lake baz=238	1.09 249	eP	Pn	13 21 02.9 +0.6	
SMLT	baz=238		eS	Sn	13 21 17.4 +0.7	
TYC	Yuchr baz=240	1.12 251	eP	Pb	13 21 02.8 -0.3	
TWQ1	Liyutan baz=270	1.13 274	P	Pb	13 21 04.0 +0.7	
TWQ1	baz=270		S	Sn	13 21 19.2 +1.6	
NMLH	Miaoli baz=280	1.14 283	eP	Pb	13 21 03.0 -0.4	
NMLH	baz=280		eS	Sn	13 21 20.5 +2.6	
NSY	Sanyi baz=273	1.15 277	P	Pb	13 21 02.9 -0.7	
NSY	baz=273		eS	Sn	13 21 19.7 +1.6	
PTSB	Yuanli baz=275	1.21 278	eP	Pb	13 21 05.6 +1.0	
PTSB	baz=275		S	Sn	13 21 22.1 +2.6	
WHYT	Xinyi Township baz=230	1.21 242	eP	Pb	13 21 04.7 +0.1	
TCU	Taichung baz=259	1.23 264	eP	Pb	13 21 04.7 -0.2	
TCU	baz=259		eS	Sn	13 21 22.6 +2.6	
WDJ	Dajia District baz=270	1.25 273	S	Sn	13 21 23.2 +2.5	
WJS	Zhushan baz=231	1.26 249	P	Pb	13 21 06.6 +1.2	
WJS	baz=231		S	Sn	13 21 25.1 +4.4	
FULB	Fuli baz=220	1.26 212	eP	S	Sn	13 21 04.9 -0.6
FULB	baz=220		eS	Sn	13 21 24.2 +3.3	
WNT	Mingjian baz=247	1.28 252	P	Pb	13 21 06.7 +0.9	
WNT	baz=247		S	Sb	13 21 25.4 +3.6	
CHKT	Chengkung baz=189	1.31 207	eS	Pn	13 21 05.1 -0.6	
CHKT	baz=189		eS	Pb	13 21 05.8 -1.0	
WCHH	Zhanghua baz=257	1.34 262	eP	Sb	13 21 26.4 +2.8	
WCHH	baz=257		eS	Sb	13 21 26.4 +2.8	
ALS	Alishan baz=231	1.34 236	P	Pb	13 21 07.0 -0.1	
PCYT	Pengchayiu baz=70	1.35 2	eS	Sn	13 21 22.3 -0.6	
PCYT	baz=70		eS	Sn	13 21 28.2 +0.3	
CHNS	Tsaijing baz=223	1.40 241	eP	Sb	13 21 07.2 +2.0	
CHNS	baz=223		eS	Sb	13 21 27.2 +2.0	
ELDTW	Lidun baz=205	1.42 220	eP	Pb	13 21 07.1 -1.1	
ELDTW	baz=205		eS	Sb	13 21 26.5 +0.7	
WGK	Gukung baz=241	1.45 246	eP	Pb	13 21 09.1 +0.3	
WGK	baz=241		S	Sn	13 21 29.3 +2.6	
EDH	Donghe baz=191	1.45 207	eP	Pb	13 21 07.2 -1.5	
EDH	baz=191		eS	Sn	13 21 24.7 -0.8	
WDLH	Douliu baz=242	1.47 247	P	Pb	13 21 09.2 +0.2	
WDLH	baz=242		S	Sb	13 21 30.3 +3.0	
RLNB	Erlin baz=251	1.56 256	eS	Sb	13 21 32.1 +2.3	
IRIF	Iriomote-Funau baz=189	1.57 88	P	Pn	13 21 08.8 0.0	
IRIF	baz=189		eS	Sn	13 21 28.9 +0.5	
LONT	Longtian baz=206	1.59 211	eP	Pn	13 21 08.2 -0.9	
LONT	baz=206		eS	Sn	13 21 28.5 -0.4	
TPUB	Ta-pu baz=219	1.60 233	P	Pb	13 21 10.6 -0.6	
TPUB	baz=219		S	Sb	13 21 32.8 +1.8	
WTK	Tuku baz=243	1.60 249	eP	Pb	13 21 10.9 -0.3	
WTK	baz=243		S	Sb	13 21 32.5 +1.6	
STYT	Tauvuan baz=222	1.60 226	P	Pb	13 21 10.7 -0.5	
STYT	baz=222		S	Sb	13 21 32.7 +1.6	
WTCT	Ta-ch'eng baz=250	1.64 256	eP	Pb	13 21 10.2 -1.7	
WTCT	baz=250		S	Sb	13 21 32.3 +0.2	
WTP	Ta-pu baz=226	1.64 232	P	Pb	13 21 11.6 -0.4	
WTP	baz=226		eS	Sn	13 21 33.1 +0.8	
CHY	Chiayi baz=225	1.65 242	P	Pb	13 21 10.6 -1.5	
CHY	baz=225		S	Sb	13 21 34.6 +2.2	
LDUT	Ludao baz=186	1.67 197	eP	Sb	13 21 09.5 -0.8	
LDUT	baz=186		eS	Sn	13 21 29.5 -1.5	
TWGBT	Beinan baz=205	1.69 211	eP	Pn	13 21 09.6 -0.8	
TWGBT	baz=205		S	Sb	13 21 32.3 -1.3	
TWG	Pinlang baz=205	1.69 211	eP	Pb	13 21 11.9 -0.9	
TWG	baz=205		S	Sb	13 21 32.1 -1.4	
CHN1	Nanshi baz=225	1.74 232	P	Pb	13 21 13.2 -0.1	
CHN1	baz=225		S	Sb	13 21 37.0 +1.9	
SNST	Tainan City baz=227	1.74 233	P	Pb	13 21 13.5 -0.2	
SNST	baz=227		eP	Sb	13 21 36.7 +1.6	
WLBG	Puzi baz=222	1.76 243	eP	Sb	13 21 13.0 -1.0	
WLBG	baz=222		eS	Sb	13 21 36.3 +0.7	
WSF	Zhu baz=243	1.76 249	P	Pb	13 21 14.1 +0.2	
WSF	baz=243		S	Sb	13 21 35.8 +0.2	
SGST	Jiashan baz=211	1.77 228	eP	Sb	13 21 12.6 -1.6	
SGST	baz=211		S	Pb	13 21 35.8 -0.2	

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SLGT	baz=211 Liugui baz=219	1.79 225	eP	Pb	13 21 12.8 -1.7
SLGT	baz=219		S	Sb	13 21 38.1 +1.6
JKRS	Kuro-shima baz=219	1.82 91	P	Pb	13 21 13.1 -0.8
JKRS	baz=219		eS	Sn	13 21 35.7 +1.0
ICHU	Yijhu baz=219	1.83 240	eP	Pn	13 21 13.4 -1.7
ICHU	baz=219		eS	Sb	13 21 37.4 -0.3
CHN8	Yiju baz=221	1.89 241	eP	Pb	13 21 14.1 -2.1
CHN8	baz=221		S	Sb	13 21 40.8 +1.3
CHN3	Shinhua baz=225	1.93 232	eS	Sb	13 21 41.5 +1.1
ECL	Taimali baz=205	1.94 210	eP	Pn	13 21 13.1 -0.7
ECL	baz=205		eS	Sn	13 21 36.5 -1.0
JIJ	Ishigaki jima baz=199	1.94 87	P	Pn	13 21 14.4 +0.4
JIJ	baz=199		eS	Sn	13 21 37.8 +0.1
SCST	Cishan baz=219	1.96 225	eP	Pn	13 21 16.1 -1.4
SCST	baz=219		S	Sb	13 21 42.5 +0.9
SSD	Sandimen baz=198	1.98 220	P	Pb	13 21 16.5 -1.3
SSD	baz=198		eS	Sb	13 21 41.4 -0.7
TSMG	Majia baz=198	2.			

30d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, CMAR Chiang Mai Arr, STKA Stephens Creek, etc.

INET 30 14:25:01.3, 10.94N, 86.41W, h12km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GBS3 Finca Las Img, LAPC Finca la Perla, BUEV Buena Vista, etc.

IDC 30 14:27:29.0, 1.9, 0.64N, 125.27E, h0km, mb3.3/3

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

NEIC 30 14:57:06.8, 1.1, 3.7, 14N, 0.06, 141.2E, 0.1, h49km, 2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA JMA Felt III, NIED 30 14:57:07.2, 3.7, 11N, 141.1E, h52km, MW3.9, Moment Tensor Solution, etc.

IDC 30 14:57:07.6, 2.0, 3.7, 08N, 141.12E, h57km, 18km, mb3.6/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFO JFO, JIU JIU, JJO JJO, etc.

IDC 30 14:57:06.7, 1.0, 3.7, 09N, 141.21E, 0.08, h49km, 7km, n66, e090/69, mb4.0/18, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ Onaj, JFK JFK, JFFD JFFD, etc.

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

IDC 30 15:08:16.3, 0.5, 6.42N, 126.70E, h0km, mb4.2/21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WB0 Warramunga Arr, WRAB Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 15:08:22.4, 0.6, 3.9N, 126.42E, h21km, MS3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, LPAZ La Paz, LP3Z La Paz, etc.

IDC 30 15:08:23.0, 0.6, 6.1N, 7.12E, h74km, 8km, M4.9/19

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI Mati, DMPT Don Marcelino, DAV Davao City (W), etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMKI Samarinda, BNSI Bone, KAPI Kappang, etc.

30d 16h

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like GDXM Geysers, K02D Willamette Mer, I02D Swissame, etc.

2014 JUL

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like WAKR, OSI, IUG, CIS, etc.

1476

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like HEC Hector, E09A Wood Farm, BELC Belle Mtn, etc.

Table with columns: STKA, MKAR, ZALV, AKTO. Includes station names, coordinates, and various parameters like SNR and error ellipses.

ADC 30 16:14:22.2±1.2, 7.38S:155.232E, h0km, mb4.0/9, mb1 4.2/10, mb1mx3.9/4.4, mbtmp4.0/10, ML3.9/1, Error ellipse: s-maj=35.9km s-min=20.6km az=125.0, NEIC 30 16:14:23.6±1.4, 7.40S:0.04±155.3E:0.1, h10km±1km, mb4.7/18, Error ellipse: s-maj=20.2km s-min=7.7km az=95.0, ISC 30 16:14:23.5±0.6, 7.33S:0.08±155.31E:0.08, h10km, n34, ±1531/35, mb4.4/17, Bougainville-Solomon Islands region

Main table for station 1479, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Rabaul, Keravat, HNR, PMG, etc.

ANF 30 16:21:30.9±0.4, 35.71N:97.44W, h0km, ML4.0/9, Error ellipse: s-maj=5.8km s-min=3.5km az=170.0, TUL 30 16:21:32.9±1.0, 35.72N:0.02±97.43W:0.06, h5km, 7km, ML3.4, Mvr3.3/9(SLM), Error ellipse: s-maj=6.6km s-min=2.4km az=82.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr:0.0; Mw:0.91; Mo:0.42; ISC 30 16:21:32.1±0.9, 35.73N:0.02±97.42W:0.03, h7km, 6km, n81, ±0566/97, Oklahoma

Main table for station 1479, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Liberty Lake, ADOK, OK009, etc.

Main table for station 1480, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Cedar Bluff, Abilene, WHTX, etc.

ADC 30 16:21:39.1±0.5, 7.48N:136.82E, h0km, mb4.3/30, mb1 4.4/31, mb1mx4.3/50, mbtmp4.3/31, ML4.5/1, Error ellipse: s-maj=21.9km s-min=10.7km az=88.0, BUJ 30 16:21:42.4±0.0, 7.13N:137.05E, h64km, mb5.3/13, mb4.7/30, Ms5.2/4, Ms7.5/3, DJA 30 16:21:44.1±0.9, 8.1N:6.13E, h51km, 8km, M4.8/21, mb4.9/21, Mv3.9/2, Mv10.5/2, NEIC 30 16:21:55.0±1.7, 7.37N:0.03±136.7E:0.1, h138km, 5km, mb4.6/36, Error ellipse: s-maj=19.8km s-min=3.8km az=87.0, ISC 30 16:21:42.3±0.4, 7.26N:0.05±136.80E:0.08, h22km, n90, ±1490/90, mb4.5/51, 2C, Western Caroline Islands

Main table for station 1480, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Sancti Spiritus, SIJU, GUMO, etc.

Main table for station 1481, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Kamikawa-asahi, XAN, Xian, etc.

ADC 30 16:25:43.5±1.9, 65.16S:177.87E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.8/39, mbtmp3.9/5, ML3.5/1, MS4.4/2, mb1 4.5/2, mx1mx3.7/30, Error ellipse: s-maj=7.6km s-min=23.3km az=69.0, NEIC 30 16:25:46.0±0.9, 65.2S:0.1±177.9E:0.6, h16km, 5km, mb4.6/10, Error ellipse: s-maj=37.1km s-min=16.3km az=84.0, ISC 30 16:25:44.8±0.9, 65.14S:0.09±178.1E:0.2, h10km, n34, ±0852/22, mb4.2/5, Balleny Islands region

Main table for station 1481, listing Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like Vanda, Macquarie, PYZ, etc.

30d 17h

Table with columns: WRA, WBO, H03S2, H03S1, H03S3, LPAZ, H08S2, H08S1, H08S3, ILAR, KBZ, BRTR, AKASG. Includes station names, times, and various codes.

IDC 30 16:31:16.8, 1.8, 36:85N, 141:69E, h0km, mb3.5/2, mb1 3.8/5, mb1mx3.4/54, mbtm3.6/5, ML3.3/2, Error ellipse: s-maj=43.9km s-min=26.5km az=77.0

JMA 30 16:31:26.0, 1.2, 37:18N, 141:14E, h86km, 1km, M3.6 JMA Feat 1/1

ISC 30 16:31:25.8, 1.2, 37:19N, 0:05, 141:21E, 0:08, h86km, 7km, n28, 0:1546/37, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kawauchi, Iwakimizuishi, Fukushimafuru, etc.

IDC 30 16:39:24.0, 0.9, 7:42S, 155:06E, h0km, mb4.1/12, mb1 4.3/13, mb1mx4.1/37, mbtm4.1/13, ML4.1/1, Error ellipse: s-maj=33.3km s-min=18.2km az=127.0

NEIC 30 16:39:27.8, 1.2, 7:42S, 0:09, 155:1E, 0:1, h24km, 4km, mb4.5/19, Error ellipse: s-maj=18.0km s-min=10.7km az=116.0

ISC 30 16:39:26.1, 0.6, 7:22S, 0:07, 155:13E, 0:09, h10km, n36, 0:1847/37, mb4.3/19, Bougainville-Solomon Islands region

Main station list table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rabaul, Keravat, etc.

2014 JUL

Table with columns: ILAR, MKAR, HYT, HNT, EGAK, EPYK, NVAR, YKA, PDAR, AKASG, TORI, TORI, TORI. Includes station names, times, and various codes.

TUL 30 16:46:59.1, 0.8, 35:72N, 0:04, 97:43W, 0:05, h5km, 6km, ML3.3, Error ellipse: s-maj=6.7km s-min=3.9km az=46.0

NEIC 30 16:46:59.3, 0.9, 35:73N, 0:04, 97:41W, 0:04, h8km, 5km, Error ellipse: s-maj=6.5km s-min=3.7km az=224.0

ANF 30 16:46:59.7, 1.2, 35:69N, 97:41W, h13km, 8km, ML3.9/12, Error ellipse: s-maj=3.8km s-min=2.5km az=155.0

ISC 30 16:46:59.2, 0.9, 35:73N, 0:02, 97:41W, 0:02, h7km, 6km, n71, 0:082/83, Oklahoma region

Main station list table for Oklahoma region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Liberty Lake, Arcadia Dam, etc.

1480

Table with columns: WBO, WRAB, WB2, WRA, ASAR, STKA, STKA, SOEI, FITZ, FITZ, MAJO, MJB9, CMAR, MNAI, TORI, TORI, TORI, SOEI, FITZ, MAJO, MJB9, CMAR, MNAI, TORI, TORI, TORI. Includes station names, times, and various codes.

IDC 30 17:07:28.9, 0.8, 7:39S, 155:25E, h0km, mb4.0/11, mb1 4.2/12, mb1mx4.0/41, mbtm4.0/12, ML4.0/1, Error ellipse: s-maj=27.2km s-min=18.7km az=117.0

NEIC 30 17:07:34.2, 2.5, 7:25S, 0:1, 155:16E, 0:09, h31km, 6km, mb4.6/11, Error ellipse: s-maj=15.4km s-min=11.7km az=201.0

ISC 30 17:07:31.2, 0.6, 7:20S, 0:08, 155:17E, 0:07, h10km, n31, 0:1939/34, mb4.3/17, Bougainville-Solomon Islands region

Main station list table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rabaul, Keravat, etc.

30d 19h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VMUR Van-Muradiye, CLDR Caldiran, AKDM Akdamar-Van, etc.

IDC 30 18:51:29.1±2.1,30.28N,138.14E,h0km,mb3.4/2, mb1 3.5/3,mb1mx3.2/38,mbtmp3.2/3,ML1.9/1,MS3.7/1, Ms1 3.7/1,ms1mx2.8/25,Error ellipse: s-maj=275.4km s-min=34.6km az=92.0,Southeast of Honshu

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

TAP 30 18:53:07.0,24.74N,121.83E,h78km,ML3.4,B JMA 30 18:53:07.5,0.1,24.66N,121.86E,h66km,ML2.6, H96km,ML3.4,ML2.6,MS3.5/5,ms1 3.5/5,ms1mx2.9/31,Error ellipse: s-maj=22.6km s-min=12.5km az=151.0

Main table for 30d 19h with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ILA ilan, NTC Toucheng, EGS Suao, TWC Suao, etc.

2014 JUL

Main table for 2014 JUL with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NNSH Datong, NNSH Nan Shan, TWS1 Kuangyingshan, etc.

1482

Table for 1482 with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RLNB Erin, FULB Fuli, WTK WTK, etc.

IDC 30 19:12:16.8±0.7,55.33N,162.96E,h0km,mb4.0/18, mb1 4.1/21,mb1mx4.0/53,mbtmp4.0/21,ML3.8/3,MS3.5/5, SGI 1 3.5/5,ms1mx2.9/31,Error ellipse: s-maj=22.6km s-min=12.5km az=151.0

KRSC 30 19:12:19.0±0.8,55.12N,163.26E,h49km,18km,ML4.6 MOS 30 19:12:21.4±0.8,55.17N,163.13E,h50km,mb4.2/6,Error ellipse: s-maj=6.4km s-min=4.3km az=74.0

NEIC 30 19:12:23.4±1.8,55.29N,162.96E,7.0,1,h48km,8km, mb4.3/27,Error ellipse: s-maj=13.2km s-min=6.5km az=224.0

ISC 30 19:12:20.0±0.4,55.18N,163.19E,0.0/3,h21km,3km, n167,0.05/208,mb4.2/33,MS3.5/4,4C,Off east coast of Kamchatka Peninsula

Table for Kamchatka Peninsula with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LGNR Loginova, SMKR Semkarok, BZWR Bezymyanni-We, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YAK Yakutsk, ERM Erimo, TTA Talatina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NLAI Mapaga, SPSP Sidrap Palu, KAPI Kappang, etc.

ICD 30 19:32:21.4, 1.3, 0.31S: 125.02E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/36, mbtm3.4/5, ML3.2/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/24, Error ellipse: s-maj=112.0km s-min=20.4km az=69.0

Canada
ISC 30 21:23:55.6,0.9,57.50N,0102.122.92W,0103,h12km,6km,
n61.1,0.578/88,mb4.0/5,British Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists various stations like NBCS NorthernBC 5, NBCC NorthernBC 6, FNBB Fort Nelson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists various stations like UNV Unalaksa Valle, GSTR Great Sitkin T, GSMY Great Sitkin M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists various stations like E09A Iamb Iamb, G08A Pilot Rock, G08C comp=Z,4.1nm,0.8s, etc.

31d Oh

2014 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTHZ, NMHZ, ARHZ, BKZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WAKE, JAY, JAY, GENI, FORT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS, PET, PET, PET, etc.

Table with columns: BRTR, Keskin Array B, 87.16 314 P, P, 03 21 20.1 +0.7, TXAR, Lajitas Array, 94.44 54 P, P, 03 21 54.2 +0.6, etc.

IDC 31 03:24:36.5-30.0, 16.333-173.25W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.7/38, mbtmp4.1/4, MS3.3/1, ms1mx2.5/39, Error ellipse: s-maj=594.5km s-min=167.6km az=85.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HNR, Op, ID, h, m, s, ISC, STKA, Stephens Creek, 43.71 241 P, P, 03 32 44.6 +1.1, etc.

ROM 31 03:29:29.0-0.1, 39.902N-0.004-16.102E-0.007, h8km, ML3.5/1, Mw3.5, Error ellipse: s-maj=0.6km s-min=0.1km az=60.0, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mrr-1.91; Mtheta 0.11; Mphi 1.80; Mxx-0.31; Myy-0.80; Mzz-1.23; Fault plane solution: M2: 3.8879 x 10^14 NP1: 140.00000, 834.00000, 7.121.00000, NP2: 356.00000, 861.00000, 7.71.00000

IDC 31 03:29:21.9-1.1, 40.066N-15.99E, h0km, mb3.7/5, mb1 3.7/12, mb1mx3.5/53, mbtmp3.5/12, ML3.5/6, Error ellipse: s-maj=17.4km s-min=14.5km az=95.0 BEO 31 03:29:51.3-1.3, 40.922N-17.66E, h2km, mb3.7/9, ISC 31 03:29:30.5-0.5, 39.902N-0.02-16.09E-0.02, h10km, n135, r150/144, mb3.9/5, 8C-7D, Southern Italy

Main table for the left column containing station data for Italy and other regions, including stations like Mormanno, Viggianello, Acquafredda, San Lorenzo Be, etc.

Main table for the middle column containing station data for Bulgaria and other regions, including stations like BULG, CELI, CELC, CELI, etc.

Main table for the right column containing station data for various regions, including stations like VULT, NOCI, NOCI, NOCI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRUS, TRUS, BOSS, BOVS, etc.

Code Station Name Az Phase ID Time Res ISC h m s ISC
IDC 31 03:34:08.1±2.3, 8.81S; 113.01E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.6/37, mbtmp3.8/5, ML3.5/1, Error ellipse: s-maj=124.9km s-min=26.7km az=49.0

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

IDC 31 03:36:28.6±0.9, 2.1N; 5.12E, h11km, 5km, M4.2/11, mb4.7/1, mb4.3/4, mb4.3/1, MLV4.2/5, MLV4.2/11, Mw(m)3.9/1

IDC 31 03:36:30.8±3.1, 2.57N; 128.39E, h55km, 33km, mb3.7/7, mb1.4/0.9, mb1mx3.6/37, mbtmp4.1/9, ML4.4/2, Error ellipse: s-maj=28.5km s-min=16.3km az=76.0

NEIC 31 03:36:31.3±1.6, 2.44N; 0.04E; 128.23E; 0.07, h73km, 11km, mb4.1/1/2, Error ellipse: s-maj=11.3km s-min=2.3km az=115.0

IDC 31 03:36:30.1±0.7, 2.46N; 0.05E; 128.30E; 0.07, h50km, n39, r146.38, mb4.1/11, 1L, Halmahera

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

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

VIE 31 03:57:01.8, 51.53N; 16.11E, h0km, ML3.0/2, 80 km NW of Wroclaw Suspected Mining induced.

IDC 31 03:57:02.6±1.0, 51.51N; 15.98E, h0km, mb1.3/2/5, mb1mx3.0/42, mbtmp3.0/5, ML2.7/5, Error ellipse: s-maj=20.7km s-min=6.7km az=95.0

BGR 31 03:57:03.1±0.4, 51.48N; 16.09E, h1km, ML2.7/14, Error ellipse: s-maj=4.4km s-min=2.2km az=14.0

PRU 31 03:57:03.1±0.0, 51.44N; 16.05E, h0km

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

MORC Moravsky Berou 1.98 152 ePn Pn 03 57 35.6 -0.2

VRAC Vranov 2.24 172 Pn Pn 03 57 40.6 +1.1

VRAC Vranov 2.24 172 ePn Pn 03 57 39.5 0.0

VRAC Vranov 2.24 172 ePn Pn 03 57 41.9 +1.1

VRAC Vranov 2.24 172 ePn Pn 03 57 42.9 -0.1

VRAC Vranov 2.24 172 ePn Pn 03 57 42.0 +0.4

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

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

MEX 31 03:58:27.5±0.6, 14.19N; 92.56W, h8km, 51km, MD4.1, UCR 31 03:58:30.5±1.4, 14.24N; 92.24W, h13km, 420km, ML4.1, SNET 31 03:58:30.5±1.7, 14.24N; 92.23W, h13km, 389km, ML4.3

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

CEVE Cerro Verde 2.91 96 ePn Pn 03 59 11.4 +0.3

SBSL San Blas 2.91 96 ePn Pn 03 59 11.4 +0.4

JAYA Jayaque - finc 3.10 99 eS Sn 03 59 14.7 +0.7

JAYA Jayaque - finc 3.10 99 eS Sn 03 59 14.4 +0.7

IDC 31 04:08:48.2±3.3, 5.33S; 130.26E, h65km, 37km, mb3.8/2, mb1.4/3/5, mb1mx3.6/32, mbtmp4.5/5, ML4.8/3, Error ellipse: s-maj=66.5km s-min=21.5km az=82.0

NEIC 31 04:08:49.6±0.8, 5.19S; 0.06E; 130.6E; 0.1, h86km, 13km, mb4.2/1/2, Error ellipse: s-maj=21.2km s-min=8.6km az=94.0

DJA 31 04:08:50.3±0.3, 5.2S; 13.1E, h112km, 6km, M4.6/13, mb4.7/7, mb5.2/3, MLV4.6/13, Mw(m)6.4/3

IDC 31 04:08:50.5±0.8, 5.20S; 0.04E; 130.70E; 0.04, h100km, 11km, n34, r159/42, Banda Sea

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

SAUI Saumlaki 2.82 168 Pn Pn 04 09 36.2 +0.4

SAUI Saumlaki 2.82 168 Pn Pn 04 09 36.4 +0.4

SAUI Saumlaki 2.82 168 Pn Pn 04 09 36.2 +0.4

SAUI Saumlaki 2.82 168 Pn Pn 04 09 36.2 +0.4

SAUI Saumlaki 2.82 168 Pn Pn 04 09 36.2 +0.4

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

31 9h

ASAR Alice Springs 75.54 198 P P 07 36 55.5 +1.4
TXAR Lajitas Array 75.85 61 P P 07 36 57.1 +1.0

IDC 31 08:02:48.6:1.1, 52.13N:169.68W, h0km, mb3.7/2,
mb1 4.0/9, mb1mx3.7/36, mbmtmp3.9/9, ML3.5/2, MS2.2/2,
Ms1 3.2/2, ms1mx2.6/45, Error ellipse: s-maj=35.6km
s-min=19.1km az=170.0

AEIC 31 08:02:52.5:2.5, 51.98N:0.08:169.63W:0.09, h35km, 7km,
mb3.8/28(NEIC), Error ellipse: s-maj=13.4km s-min=5.8km
az=149.0

NEIC 31 08:02:52.6:2.5, 52.0N:0.1:169.63W:0.10, h29km, 6km,
Error ellipse: s-maj=16.0km s-min=6.2km az=155.0

ISC 31 08:02:52.3:0.8, 51.90N:0.10:169.56W:0.06, h30km, n67,
c192/65, mb3.7/9, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like Nikolski High, Okmok Steeple, etc.

2014 JUL

mb1 4.2/3, mb1mx3.7/31, mbtmp4.0/3, ML4.1/1, Error
ellipse: s-maj=72.6km s-min=47.1km az=110.0

ISC 31 08:52:00.2:1.1, 32.06S:0.06:177.8W:0.1, h24km, n39,
c252/49, mb4.1/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Green Lake, Matakaoa Point, etc.

IDC 31 08:57:24.5:1.4, 39.05S:106.13E, h0km, mb3.8/2,
mb1 3.7/5, mb1mx3.5/1, mbtmp3.5/5, ML3.1/3, Error
ellipse: s-maj=43.5km s-min=22.8km az=71.0, Western
Neti Mongol

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Songoing Array, Kura Bay, etc.

MAN 31 09:09:43.8, 5.67N:126.40E, h42km, mb4.7, ML3.6, MS3.5,
1C-10, Mindanao

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

NEIC 31 09:28:02.4:2.2, 29.22S:0.05:68.58W:0.04, h63km, 6km,
mb4.2/3, Md3.9(SJA), Error ellipse: s-maj=7.9km
s-min=4.9km az=165.0

IDC 31 09:28:02.9:1.5, 29.23S:68.65W, h64km, 14km, mb3.5/6,
mb1 3.7/7, mb1mx3.5/24, mbtmp3.6/7, MS2.3/3, Ms1 2.6/3,
ms1mx2.5/17, Error ellipse: s-maj=35.2km s-min=10.8km
az=83.0

ISC 31 09:28:01.9:0.6, 29.22S:0.05:68.53W:0.09, h63km, n44,
c116/43, mb3.9/6, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Juntas del Tor, El Transito, etc.

1500

SNAA Sanae 54.90 159 P P 09 37 26.4 +0.7
SNAE Sanae 54.90 159 Iamb Iamb 09 37 40.4

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

IDC 31 09:39:00.3:0.7, 28.66N:139.77E, h413km, 7km, mb3.2/13,
mb1 3.3/18, mb1mx3.2/50, mbtmp4.0/18, Error ellipse:
s-maj=16.5km s-min=9.8km az=71.0

JMA 31 09:39:00.1:3.0, 28.84N:140.32E, h432km, ML2.2,
ISC 31 09:39:00.9:0.7, 28.72N:139.93E:0.1, h421km, n28,
c171/34, mb3.5/13, Bonin Islands region

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSGCX Pisagua, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB01 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB08 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB10 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB12 IPOC Station P, PB13 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB14 IPOC Station P, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB16 IPOC Station P, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAKZ, BPAW Bear Paw Mtn, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAR, CHGR Chuyangaron, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, NVAR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES, NNC 31 11:31:45.8z, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML, KK31, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UCH, EKSZ, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB, WB2, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, AS31, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, FITZ, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK, CMAR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM, TRF, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCM, KLU, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRH, GLB, etc.

3C-2D, Error ellipse: s-maj=28.7km s-min=19.5km

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML, KK31, etc.

IDC 31 12:41:05.5z, 10:65SS-165.78E, h0km, mb3.8/4,

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

IDC 31 12:44:29.0z, 8:10:50N, 125.56E, h0km, mb3.7/11,

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

IDC 31 12:44:32.1z, 10:31N, 125.19E, h6km, mb5.2, ML4.2, MS4.3

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

IDC 31 12:45:32.2z, 1:4, 10:35S, 125.25E, 0:05, h15km, 9km,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 12:48:50.9z, 0:8, 6:99S, 155.10E, h0km, mb4.1/11,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAP1, KAP1, etc.

IDC 31 12:48:52.8z, 1:2, 7:05S, 0:1, 155.07E, 0:08, h10km, 1km,

NEIC 31 13:05:11.8z, 2:7, 8:06S, 0:05, 122.79E, 0:08, h207km, 5km,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:12.0z, 0:8, 8:07S, 122.84E, h208km, 7km, mb3.7/12,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:11.0z, 0:4, 8:09S, 0:05, 122.88E, 0:05, h200km, n100,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:11.8z, 2:7, 8:06S, 0:05, 122.79E, 0:08, h207km, 5km,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:12.0z, 0:8, 8:07S, 122.84E, h208km, 7km, mb3.7/12,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:11.0z, 0:4, 8:09S, 0:05, 122.88E, 0:05, h200km, n100,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

IDC 31 13:05:11.8z, 2:7, 8:06S, 0:05, 122.79E, 0:08, h207km, 5km,

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMR1, MMR1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSMG Majia, CHN8 Yiju, CHN8 baz=250, MASBT Mashibululo, etc.

13:22:40.9, 1.0, 3.03S, 130.27E, h0km, mb3.9/6, mb1.4/1.0, mb1mx3.8/32, mbtmp3.9/10, ML3.9/4, MS3.4/4, Ms1.3/4.4, ms1mx3.1/46, Error ellipse: s-maj=28.1km s-min=17.2km az=79.0

DJA 31 13:22:46.2, 0.3, 3.2S, 130.0E, h83km, 9km, MA, 0/12, mb4.3/3, MLV3.9/12

ISC 31 13:22:43.9, 0.6, 2.97S, 0.04, 130.21E, 0.03, h25km, n21, c#312/29, mb3.8/5, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, BNDI Bandanaira, FAKI Fak Fak, etc.

MAN 31 13:36:11.9, 10.09N, 124.18E, h31km, mb3.5, ML2.2, MS1.6, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBP Tagbilaran, TBP

NEIC 31 13:37:05.9, 1.3, 4.70S, 0.09, 152.9E, 0.1, h59km, 10km, mb4.4/13, Error ellipse: s-maj=17.5km s-min=13.0km az=86.0

13:37:06.8, 1.4, 4.70S, 152.78E, h68km, 13km, mb3.9/8, mb1.4/1.9, mb1mx3.7/50, mbtmp4.2/9, MS4.8/1, Ms1.4/8.1, ms1mx3.4/34, Error ellipse: s-maj=22.1km s-min=15.6km az=102.0

ISC 31 13:37:05.5, 0.7, 4.72S, 0.07, 152.89E, 0.09, h55km, n29, c#93/29, mb4.4/13, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Kravatt, KRVT 383nm, 0.3s, baz=128, slow=1.0, SNR=466, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Warramunga Arr, WBO WBO, WR0 Warramunga Arr, etc.

NDI 31 13:40:27.3, 3.3, 12.14N, 95.56E, h10km, mb5.6, MS5.5, mb5.9(NEIC)

13:40:27.3, 3.0, 7.7, 12.32N, 95.20E, h0km, mb4.4/3/1, mb1.4/5/22, mb1mx4.4/60, mbtmp4.4/32, ML4.1/1, MS5.4/1, Ms1.5/4.1, ms1mx4.2/12, Error ellipse: s-maj=16.7km s-min=13.5km az=22.0

ISC 31 13:40:30.5, 0.5, 12.35N, 0.08, 95.20E, 0.06, h19km, n115, c#139/111, mb4.6/53.3C, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGPR DIGLIPUR, PBO Port Blair, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DHRM Gaotai, GTA Gaotai, GTA Gaotai, etc.

DJA 31 13:40:53.4, 0.2, 14.1N, 2.9E, h10km, MS, 8/79, mb6.2/7.1, mb5.6/79, MLV5.9/3, Mw(MB)5.8/71, Mwp5.8/49

13:40:59.7, 0.3, 12.14N, 95.21E, h0km, mb5.2/56, mb1.5/2/8, mb1mx3.2/62, mbtmp5.1/58, ML2.2, MS5.6/8, Ms1.5/6.8, ms1mx5.2/14, Error ellipse: s-maj=9.7km

Table with columns: Code, Name, Time, Value, Diff, Status. Includes entries like ELL Elmal, KLMR Klimovskoe, KLMR Klimovskoe, etc.

Table with columns: Code, Name, Time, Value, Diff, Status. Includes entries like NVR Neurokopi, IGIN Igalnia, PAIG Paliouri, etc.

Table with columns: Code, Name, Time, Value, Diff, Status. Includes entries like BILL Bilibino, BILL Bilibino, BILL Bilibino, etc.

31d 13h

BRG	Berggishubel	74.99 320	eP	P	13 52 43.5 +1.0
BRG	Berggishubel	74.99 320	e	P	13 52 42.2 -0.2
BRG	comp-Z,67nm,0.9s		e		13 52 50.8
BRG	comp-Z,19nm,1.4s		ePP	PP	13 55 26.2 -4.0
BRG			S		14 02 21.0 +2.1
BRG			SS		14 07 15.0 +7.6
RUE	Ruedersdorf	75.07 321	eP	P	13 52 43.8 +1.0
RUE	Ruedersdorf	75.07 321	eP	P	13 52 43.8 +1.0
GE2C	GERESS Array S	75.20 317	eP	P	13 52 44.6 +0.8
GE2C	GERESS Array S	75.20 317	eP	P	13 52 43.4 -0.4
GE2C	comp-Z,78nm,0.9s		Iamb	Iamb	13 52 54.6
GERES	GERESS Array B	75.20 317	P	P	13 52 42.6 -1.2
GERES	GERESS Array B	75.20 317	P	P	13 52 42.6 -1.2
KHC	Kasperske Hory	75.27 318	eP	P	13 52 43.3 -0.9
KHC			ex	S	13 52 51.7
KHC			S		14 02 19.4 -2.7
KHC			AMS	AMS	14 30 40.0
KHC	comp-Z,3um,21.6s		eP	P	13 52 43.3 -0.9
KHC			eS	S	13 52 51.7
KHC			MLR	MLR	14 02 19.4 -2.7
KHC	Kasperske Hory	75.27 318	P	P	13 52 43.2 -1.0
CADS	Cadrg	75.27 315	P	P	13 52 43.9 -0.3
RGN	Rugen	75.31 323	eP	P	13 52 45.5 +1.3
RGN	Rugen	75.31 323	eP	P	13 52 45.4 +1.3
RGN	comp-Z,217nm,1.2s,baz=88,slow=5.6		IAMS_20	IAMS_20	14 31 55.7
MYKA	Terra Mystica	75.32 315	P	P	13 52 45.0 +0.5
FBE	Freiberger	75.36 320	eP	P	13 52 45.9 +1.4
PRED	Cave del Predi	75.38 315	Iamb	Iamb	13 52 47.2
KBA	Koelbrenspeiser	75.51 316	iP	P	13 52 45.9 +0.1
LOF	Lofoten	75.51 337	eP	P	13 52 45.4 +0.3
CLL	Colim	75.57 320	iP	P	13 52 45.8 0.0
CLL	comp-Z,173nm,2.1s		iPcP	PcP	13 52 57.7 -0.9
CLL			e		13 53 02.5
CLL	comp-Z,82nm,1.2s		e		13 53 28.0
CLL			ePP	PP	13 55 42.0 +6.9
CLL			eS	S	13 58 18.0
CLL			eSS	SS	14 02 28.0 +2.7
CLL			eSSS	SSS	14 07 19.0 +2.8
CLL			MLR	MLR	14 31 00.0
CLL	comp-Z,5um,20.3s		eP	P	13 52 45.8 0.0
CLL			iS	S	13 52 57.7
CLL			eS	S	14 02 28.0 +2.7
CLL	comp-Z,173nm,2.1s		MLR	MLR	13 53 02.5
CLL	comp-Z,5um,20.3s		eP	P	13 52 46.4 +0.7
CLL	comp-Z,82nm,1.2s,baz=88,slow=5.6		IAMS_20	IAMS_20	14 30 57.0
SPAA	Spitsbergen Ar	75.71 348	P	P	13 52 45.1 -1.1
SPAA	comp-Z,94nm,1.1s		Iamb	Iamb	13 53 04.2
SPITS	Spitsbergen Ar	75.71 348	P	P	13 52 45.7 -0.4
AQU	L'Aquila	75.72 311	eP	P	13 52 45.5 -1.4
HSBP	Hornsund (broa)	75.73 347	eP	P	13 52 47.2 +1.1
WET	Wetzulla	75.73 318	eP	P	13 52 47.7 +0.9
ZOU	Zouplian	75.79 315	IAMS_20	IAMS_20	14 32 02.1
TANN	Tannebergstha	75.95 319	eP	P	13 52 48.9 +0.8
NKC	Novy Kostel	75.97 319	eP	P	13 52 48.9 +0.8
NKC			ex	S	13 52 55.9
NKC			eS	S	14 02 19.4 -1.0
NKC			AMS	AMS	14 30 40.0
NKC	comp-Z,5um,21.0s		eP	P	13 52 48.9 +0.8
NKC			MLR	MLR	13 52 55.9
WERN	Wernitzgruen	76.01 319	eP	P	13 52 49.4 +1.0
NSS	Namsos	76.02 334	eP	P	13 52 48.5 +0.4
GUNZ	Gunzen	76.03 319	eP	P	13 52 49.5 +1.0
WERD	Werda	76.05 319	eP	P	13 52 49.3 +0.7
ABTA	Abtaltersbach	76.09 315	iP	P	13 52 48.9 -0.1
NC405	NORSAR Array S	76.12 330	P	P	13 52 48.5 -0.2
NC405			Iamb	Iamb	13 53 08.6
PLN	Plauen	76.14 319	eP	P	13 52 49.9 +0.9
ROTZ	Rotzenmuhle	76.14 318	eP	P	13 52 50.4 +1.3
MANZ	Manzenberg	76.19 319	eP	P	13 52 50.8 +1.4
NEUB	Neuenburg	76.35 320	eP	P	13 52 51.0 +0.8
NB2	NORSAR Subarra	76.37 330	P	P	13 52 49.4 -0.8
NB2	NORSAR Subarra	76.37 330	P	P	13 52 49.4 -0.8
NOA	NORSAR Array B	76.37 330	P	P	13 52 50.2 +0.1
MOX	Moxa	76.48 319	eP	P	13 52 51.9 +0.9
NC204	NORSAR Array S	76.58 330	P	P	13 52 50.9 -0.5
NC204			PcP	PwP	13 53 01.8 -0.1
NC204			Iamb	Iamb	13 53 11.3
OSL	Oslo	76.63 329	eP	P	13 52 51.5 -0.1
WTTA	Wattenberg	76.66 316	iP	P	13 52 52.3 0.0
KBS	Kingsbay	76.67 349	IAMS_20	IAMS_20	13 52 52.1 +0.6
KBS	Kingsbay	76.67 349	IAMS_20	IAMS_20	13 52 52.1 +0.6
WATA	Walderalm	76.70 316	iP	P	13 52 52.2 -0.2
CTI	Castel Tesino	76.73 315	P	P	13 52 52.9 +0.3
CTI			MLR	MLR	13 53 10.9
CTI			Iamb	Iamb	13 52 52.9 +0.3
GRA1	Grafenberg Arr	76.78 318	IAMS_20	IAMS_20	14 33 01.1
GRF	Grafenberg Arr	76.78 318	eP	P	13 52 54.0 +1.3
GRF	comp-Z,113nm,1.2s,baz=88,slow=5.6		eL	L	14 31 09.3
FUR	Furstenfeldbru	76.84 317	eP	P	13 52 53.5 +0.4
SQTA	Sankt Quirin	76.95 316	iP	P	13 52 53.9 0.0
ASSE	Asse, Remlinge	76.99 321	eP	P	13 52 54.6 +0.9
MOTA	Moosalm	77.02 316	iP	P	13 52 54.1 -0.1
BSEG	Bad Segeberg	77.10 323	eP	P	13 52 55.7 +1.3
CLZ	Clausthal	77.19 321	eP	P	13 52 56.6 0.0
KONO	Kongsberg	77.21 329	IAMS_20	IAMS_20	14 30 56.3
RETA	Reutte	77.24 316	iP	P	13 52 54.9 -0.5
LBTB	Labatse	77.24 241	P	P	13 52 55.5 -0.3
LBTB			MLR	MLR	13 53 07.4
LBTB	comp-Z,65nm,1.0s		P	P	13 52 55.5 -0.3
LBTB			Iamb	Iamb	13 53 07.4

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FETA	Feichten	77.30 316	iP	P	13 52 56.0 +0.2
NRDL	Niedersach Rei	77.31 321	eP	P	13 52 57.1 +1.6
ZCCA	Zocca	77.34 313	Iamb	Iamb	13 52 56.0 0.0
ZCCA			Iamb	Iamb	13 53 12.4
DOMB	Dombras	77.37 331	eP	P	13 52 56.9 +1.1
GTGG	Gottging	77.46 320	eP	P	13 52 57.5 +1.1
UBBA	Unterbreizbach	77.49 320	eP	P	13 52 57.5 +1.0
SALO	Sal	77.55 314	eP	P	13 52 57.0 -0.1
SKMB	Sankelmark Bun	77.56 324	eP	P	13 52 58.8 +1.8
MUD	Monsted U/grnd	77.61 325	iP	P	13 52 57.6 +0.5
MUD	Monsted U/grnd	77.61 325	iP	P	13 52 57.6 +0.5
UBR	Ueberbruh	77.66 316	eP	P	13 52 57.9 +0.1
SKAR	Skoceca	77.80 330	eP	P	13 52 57.0 -1.3
DZM	Mont Dzumac	77.81 116	eP	P	13 53 00.9 +1.9
DZM	comp-Z,1um,31.1s		eS	S	14 02 40.7 -3.9
DZM	Mont Dzumac	77.81 116	eLR	LR	14 17 06.7
DZM	Mont Dzumac	77.81 116	P	P	13 53 01.1 +2.1
DZM	comp-Z,8.6nm,0.9s,baz=294,slow=9.9,SNR=4.8		MLR	MLR	14 31 38.5
DZM	comp-Z,2um,19.2s,baz=88,slow=5.6		IAMS_20	IAMS_20	14 33 49.1
DAMA	Damuels	77.85 316	iP	P	13 52 59.5 +0.5
HAMB	Hamborsund	77.85 327	eP	P	13 52 57.8 -0.7
MOL	Moldau	78.05 332	eP	P	13 53 01.8 +2.3
STU	Stuttgart	78.18 318	IAMS_20	IAMS_20	14 33 49.1
TNS	Taunus Mts	78.53 319	eP	P	13 53 03.4 +0.9
IBBN	Ibbernhoven	78.76 321	eP	P	13 53 04.8 +1.1
BOSA	Bochum-Union	79.15 320	P	P	13 53 04.8 +0.5
BOSA	Boshof	78.78 237	P	P	13 53 05.2 +0.9
BOSA			pmx	pmx	13 53 05.2 +0.9
BOSA			Iamb	Iamb	13 53 19.4
BFO	Black Forest	78.79 317	pmx	pmx	13 53 02.0 -2.0
BFO			P	P	13 53 04.2 +0.3
BFO	Black Forest	78.79 317	eP	P	13 53 02.0 -2.0
BUG	Bochum-Union	79.15 320	P	P	13 53 06.9 +1.1
CASY	Casey	79.21 174	P	P	13 53 06.8 +1.2
CASY			Iamb	Iamb	13 53 17.1
AHRW	Bad Neuenahr-A	79.37 320	eP	P	13 53 08.3 +1.3
KEST	Kesra	79.53 304	P	P	13 53 07.8 -0.5
KEST	Kesra	79.53 304	Iamb	Iamb	13 53 19.0
SEINL	Lac Senin/Sane	79.71 315	IAMS_20	IAMS_20	14 34 08.9
MEM	Memmbach	80.04 320	P	P	13 53 11.3 +0.6
MEM			x	x	13 53 20.0
MEM			x	x	13 53 26.1
WLF	Walferdange	80.06 319	P	P	13 53 12.2 +1.4
WLF			x	x	13 53 24.1
WLF	Walferdange	80.06 319	IAMS_20	IAMS_20	14 33 46.9
WLF	Walferdange	80.06 319	IAMS_20	IAMS_20	14 33 46.9
BHOU	Houvezeng	80.07 319	P	P	13 53 12.0 +1.1
BHOU			x	x	13 53 20.9
BHOU			x	x	13 53 28.7
BEBN	Eben Emael	80.22 320	P	P	13 53 12.5 +0.9
BEBN			x	x	13 53 22.3
BEBN			x	x	13 53 28.7
BNI	Bardonecchia	80.31 314	P	P	13 53 12.9 +0.5
BNI			pmx	pmx	13 53 12.8 +0.5
BSTI	Sart Tilman	80.32 320	P	P	13 53 13.1 +1.0
BSTI			x	x	13 53 21.1
BSTI			x	x	13 53 28.7
GAMB	Gambell	80.45 27	IAMS_20	IAMS_20	14 32 24.5
BCLA	Clavier	80.51 320	P	P	13 53 13.9 +0.8
BCLA			x	x	13 53 23.1
BCLA			x	x	13 53 30.3
BGES	Gesves	80.65 320	P	P	13 53 14.3 +0.4
BGES			x	x	13 53 23.3
BGES			x	x	13 53 30.5
BMRD	Maredsous	80.86 319	P	P	13 53 15.0 -0.1
BMRD			x	x	13 53 30.2
BMRD			x	x	13 53 41.3
DOU	Dourbes	81.00 319	P	P	13 53 15.9 +0.1
DOU			x	x	13 53 24.2
DOU			x	x	13 53 31.6
NOR	Nord	81.00 352	iP	P	13 53 14.7 -0.6
NOR			pmx	pmx	13 53 14.7 -0.6
NOR			MLR	MLR	13 53 14.7 -0.6
UCC	Uccle	81.05 320	IAMS_20	IAMS_20	14 34 26.8
SNF	Seneffe	81.14 320	P	P	13 53 16.4 -0.2
SNF			x	x	13 53 32.1
SNF			x	x	13 53 32.1
TSUM	Tsumeb	82.54 249	P	P	13 53 26.2 +1.5
TSUM			IAMS_20	IAMS_20	14 27 47.8
CLF	Chambon-Forêt	82.86 317	IAMS_20	IAMS_20	14 36 29.5
ANM	Nome	83.02 25	IAMS_20	IAMS_20	14 34 34.4
MAW	Mawson	83.06 192	P	P	13 53 30.0 +3.9
MAW					

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MTE Manteigas, KULLO Kullorsuaq, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VVDA Vanda, WHY Whitehorse, SKAG Skagway, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HLID Hailey, LAO Lasa Array, BATG Bathurst New B, and many others.

31d 13h

ALGO	Algonquin Park	121.67	354	P	PKIKP	13 59 55.2	0.0
WVL	Waterville	121.72	347	IAMS_20	IAMS_20	15 02 22.3	
G60A	Masonville	121.73	350	P	PKPdf	13 59 55.1	-0.1
K22A	Casper	121.80	19	IAMS_20	IAMS_20	14 52 10.7	
F51A	Arnstein	121.85	356	P	PKPdf	13 59 55.0	-0.4
R11A	Troy Canyon, C	121.98	28	IAMS_20	IAMS_20	14 53 31.8	
H62A	Milan	122.02	348	IAMS_20	IAMS_20	15 00 20.0	
SUSD	Miller	122.02	342	IAMS_20	IAMS_20	14 59 28.7	
F48A	Evansville	122.09	358	P	PKPdf	13 59 55.2	-0.7
F49A	Sandfield	122.13	358	P	PKPdf	13 59 55.3	-0.7
FRNY	Flat Rock	122.20	351	IAMS_20	IAMS_20	14 55 55.6	
H61A	Lyndonville	122.20	349	P	PKPdf	13 59 56.2	0.0
SPMN	Marine on St.	122.28	7	IAMS_20	IAMS_20	15 00 02.0	
H59A	Cadyville	122.40	351	P	PKPdf	13 59 56.1	-0.5
I63A	Otisfield	122.41	348	IAMS_20	IAMS_20	14 57 22.3	
R63W	Rawlins	122.45	20	IAMS_20	IAMS_20	15 02 36.9	
PLVO	Plevna	122.47	353	IAMS_20	IAMS_20	14 59 46.7	
G40A	Rib Lake	122.48	4	IAMS_20	IAMS_20	15 02 23.4	
LBNH	Lisbon	122.49	349	IAMS_20	IAMS_20	14 57 00.4	
PKM	Mclpherson Peak	122.53	34	P	PKPdf	13 59 56.0	-1.3
G53A	Haliburton	122.55	355	P	PKPdf	13 59 56.2	-0.6
VT1	Waterbury	122.55	350	IAMS_20	IAMS_20	14 56 32.2	
LONY	Lake Ozonia	122.56	351	IAMS_20	IAMS_20	14 56 17.2	
ISA	Isabella, Lake	122.67	32	P	PKPdf	13 59 56.6	-0.8
ISA	Isabella, Lake	122.67	32	IAMS_20	IAMS_20	14 54 28.5	
I62A	Tamworth	122.73	348	IAMS_20	IAMS_20	15 02 22.8	
TPNV	Topogah Spring	122.78	30	P	PKPdf	13 59 56.4	-1.3
FURC	Furnace Creek	122.86	31	P	PKPdf	13 59 57.1	-0.6
MPMC	Manual Prospect	122.87	31	P	PKPdf	13 59 57.9	-0.1
H55A	Tweed	122.97	353	P	PKPdf	13 59 57.0	-0.6
HNH	Hanover	123.07	349	IAMS_20	IAMS_20	15 01 51.8	
I60A	Shoreham	123.11	350	P	PKPdf	13 59 57.5	-0.3
NCB	Newcomb	123.14	351	IAMS_20	IAMS_20	15 02 57.5	
ECSD	EROS Data Cent	123.19	10	P	PKPdf	13 59 57.6	-0.5
ECSD	EROS Data Cent	123.19	10	IAMS_20	IAMS_20	15 00 19.3	
I59A	Olmsteadville	123.26	350	P	PKPdf	13 59 58.0	-0.2
I57A	Carthage	123.38	352	P	PKPdf	13 59 57.8	-0.6
I37A	Lemond, Waseca	123.40	7	IAMS_20	IAMS_20	15 02 55.7	
J62A	Henniker	123.44	349	P	PKPdf	13 59 58.2	-0.4
J61A	Chester	123.47	349	P	PKIKP	13 59 58.9	+0.1
O20A	White River Ci	123.48	21	P	PKPdf	13 59 58.8	-0.3
O20A	White River Ci	123.48	21	IAMS_20	IAMS_20	15 02 40.2	
EDW2	Edward's Air Fo	123.52	33	P	PKPdf	13 59 58.4	-0.6
I58A	Old Forge	123.53	351	P	PKPdf	13 59 58.8	0.0
PECO	Prince Edward	123.56	353	IAMS_20	IAMS_20	14 58 12.3	
N23A	Red Feather La	123.57	19	P	PKPdf	13 59 58.9	-0.3
N23A	Red Feather La	123.57	19	IAMS_20	IAMS_20	15 05 29.9	
SHOC	Shoshone, Teco	123.60	31	P	PKPdf	13 59 59.1	0.0
J59A	Piesco	123.68	351	IAMS_20	IAMS_20	14 56 49.8	
GSC	Goldstone, Bar	123.81	31	P	PKIKP	14 00 00.6	+0.7
J58A	Remsen	123.90	352	P	PKIKP	13 59 59.8	0.0
J58A	Remsen	123.90	352	IAMS_20	IAMS_20	14 58 38.5	
J57A	Williamstown	123.95	352	IAMS_20	IAMS_20	14 59 43.8	
I49A	Point Hope	123.98	358	IAMS_20	IAMS_20	15 02 29.2	
I51A	Listowel	124.03	357	P	PKPdf	13 59 59.3	-0.4
K62A	Royalston	124.07	349	P	PKPdf	13 59 59.5	-0.3
K62A	Royalston	124.07	349	IAMS_20	IAMS_20	15 02 22.2	
HRV	Adam Dzewonski	124.09	348	IAMS_20	IAMS_20	15 02 27.8	
WES	Weston	124.16	348	IAMS_20	IAMS_20	14 55 44.7	
J56A	Wolcott	124.19	353	P	PKPdf	13 59 59.2	-0.7
TRY	Troy	124.26	350	IAMS_20	IAMS_20	14 58 26.2	
L61B	Northampton	124.36	349	P	PKPdf	13 59 59.6	-0.8
J54A	Appleton	124.38	354	IAMS_20	IAMS_20	15 03 31.1	
QUA2	Belchertown	124.46	349	IAMS_20	IAMS_20	14 57 22.7	
MEDO	Medina	124.47	354	IAMS_20	IAMS_20	14 56 52.5	
K58A	Earlville	124.53	352	P	PKPdf	14 00 00.7	0.0
K58A	Earlville	124.53	352	IAMS_20	IAMS_20	14 58 25.4	
BRYW	Bryant College	124.65	348	IAMS_20	IAMS_20	15 02 34.7	
ISCO	Idaho Springs	124.67	19	P	PKPdf	14 00 01.3	-0.2
ISCO	Idaho Springs	124.67	19	IAMS_20	IAMS_20	15 05 24.7	
L61A	Hillsdale 1, H	124.76	350	P	PKPdf	14 00 00.9	-0.2
PV04	Paradox Valley	124.76	23	IAMS_20	IAMS_20	15 01 48.5	
GMRC	Granite Mounta	124.79	31	P	PKPdf	14 00 01.5	-0.1
M65A	Busby, Falmonth	124.80	347	IAMS_20	IAMS_20	14 56 03.8	
JFWS	Jewell Farm	124.81	5	IAMS_20	IAMS_20	15 02 16.2	
K56A	Middlesex	124.81	353	P	PKPdf	14 00 00.5	-0.8
PV16	Nyswonger Mesa	124.83	23	IAMS_20	IAMS_20	15 01 50.2	
PV03	Paradox Valley	124.91	23	IAMS_20	IAMS_20	15 02 04.2	
MURC	Murriea	124.92	33	P	PKPdf	14 00 01.1	-0.6
PV13	Radium Mtn., P	125.00	23	IAMS_20	IAMS_20	15 02 05.7	
L59A	Walton	125.01	351	P	PKPdf	14 00 01.4	-0.3
L59A	Walton	125.01	351	IAMS_20	IAMS_20	14 58 21.9	
K54A	Basilio Farm,	125.05	354	P	PKPdf	14 00 00.7	-0.9
U15A	North Rim	125.05	27	IAMS_20	IAMS_20	15 02 07.2	

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BINY	Binghamton	125.14	352	P	PKPdf	14 00 01.6	-0.3
BINY	Binghamton	125.14	352	IAMS_20	IAMS_20	15 00 42.2	
KSCT	Kent	125.21	350	IAMS_20	IAMS_20	15 01 44.3	
BELC	Belle Mtn. Jos	125.24	32	P	PKPdf	14 00 01.7	-0.8
WVNY	West Valley, N	125.24	354	IAMS_20	IAMS_20	15 04 05.8	
L58A	Harry Jones Me	125.27	352	P	PKPdf	14 00 02.4	+0.2
PFO	Pinyon Flats O	125.30	32	P	PKPdf	14 00 02.5	-0.1
XPFO	Pion Flat	125.30	32	IAMS_20	IAMS_20	14 57 15.2	
L56A	Greenwood	125.39	353	P	PKPdf	14 00 02.1	-0.3
L56A	Greenwood	125.39	353	IAMS_20	IAMS_20	14 59 44.0	
L55A	Hinsdale	125.44	354	P	PKPdf	14 00 02.4	-0.1
L57A	Andrews Acres	125.44	353	P	PKPdf	14 00 02.1	-0.4
L54A	Sinclairville	125.47	355	P	PKPdf	14 00 02.0	-0.5
SCIA	State Center	125.50	8	IAMS_20	IAMS_20	15 05 24.6	
YLE	Yale	125.50	349	IAMS_20	IAMS_20	14 58 02.2	
IRM	Iron Mountain	125.55	31	P	PKIKP	14 00 04.0	+0.7
Q24A	Divide	125.58	19	P	PKPdf	14 00 02.3	-0.9
Q24A	Divide	125.58	19	IAMS_20	IAMS_20	15 04 48.8	
TAOE	Nuku Hiva Isls	125.63	92	eLQ	LQ	14 33 32.4	
TAOE	Nuku Hiva Isls			eLR	LR	14 39 07.9	
AAM	Ant Claire	125.64	359	IAMS_20	IAMS_20	15 05 12.1	
ERPA	Erie	125.64	356	IAMS_20	IAMS_20	15 02 58.5	
M61A	Granite Spring	125.66	350	P	PKPdf	14 00 03.0	+0.1
PMSA	Palmer Station	125.66	191	PKP	PKIKP	14 00 02.5	+0.1
PMSA	Palmer Station	125.66	191	eP	PKIKP	14 00 03.0	+0.6
PMSA	Palmer Station	125.66	191	IAMS_20	IAMS_20	14 55 22.8	
M59A	Waymart	125.70	351	P	PKPdf	14 00 02.9	-0.1
KSPA	Keystone Colle	125.74	352	IAMS_20	IAMS_20	14 57 41.1	
BC3	Big Chuckawall	125.79	32	P	PKPdf	14 00 03.4	-0.1
M60A	Port Jervis	125.79	350	P	PKPdf	14 00 03.1	0.0
L53A	Girard	125.83	356	P	PKPdf	14 00 02.7	-0.5
MONP2	Monument Peak	125.88	33	P	PKPdf	14 00 02.6	-1.2
L46A	Ant Claire	125.92	1	IAMS_20	IAMS_20	15 01 01.5	
PDMCI	Parker Dam, Lak	125.93	30	P	PKPdf	14 00 03.7	+0.1
MVCO	Mesa Verde	125.95	23	P	PKPdf	14 00 04.2	+0.3
MVCO	Mesa Verde	125.95	23	IAMS_20	IAMS_20	15 06 25.9	
PAL	Palisades	125.98	350	P	PKPdf	14 00 03.7	+0.3
PAL	Palisades	125.98	350	IAMS_20	IAMS_20	15 05 21.8	
M58A	Price's Panora	126.01	352	P	PKPdf	14 00 03.8	+0.2
ODNJ	Ogdensburg	126.02	350	IAMS_20	IAMS_20	15 02 42.8	
S22A	4UR Ranch, Cre	126.10	22	IAMS_20	IAMS_20	15 04 08.7	
M56A	Emporium	126.11	354	P	PKPdf	14 00 03.5	-0.3
M56A	Emporium	126.11	354	IAMS_20	IAMS_20	15 01 48.9	
ALLY	Alexandria	126.12	356	IAMS_20	IAMS_20	15 01 08.1	
M57A	Sunshine Farm,	126.13	353	IAMS_20	IAMS_20	15 05 21.6	
M55A	Ridgway	126.18	354	P	PKPdf	14 00 03.5	-0.4
M55A	Ridgway	126.18	354	IAMS_20	IAMS_20	15 00 08.8	
M54A	Oil Creek Stat	126.22	355	P	PKPdf	14 00 03.2	-0.8
IKP	In-Ko-Pah, Jac	126.23	33	P	PKPdf	14 00 04.3	-0.1
N60A	Cedar Hill Far	126.31	351	P	PKIKP	14 00 04.6	0.0
N59A	State Game Lan	126.36	351	P	PKPdf	14 00 03.6	-0.7
N59A	State Game Lan	126.36	351	IAMS_20	IAMS_20	14 59 13.8	
M53A	WJ Miller and	126.37	356	IAMS_20	IAMS_20	15 01 40.6	
BRNJ	Basking Ridge	126.41	350	IAMS_20	IAMS_20	15 02 53.0	
M50A	Fremont	126.52	358	IAMS_20	IAMS_20	14 59 34.4	
SDCO	Great Sand Dun	126.57	20	P	PKPdf	14 00 04.9	-0.3
SDCO	Great Sand Dun	126.57	20	IAMS_20	IAMS_20	15 06 47.9	
N58A	Sunbury	126.57	352	P	PKPdf	14 00 04.6	0.0
N58A	Sunbury	126.57	352	IAMS_20	IAMS_20	15 01 47.2	
GLA	Glamis	126.58	31	P	PKIKP	14 00 05.8	+0.4
N38A							

Table with columns: Station Name, Time, Res, and various codes. Includes stations like W54A Cherokee Point, PLAL Pickwick Lake, BG3 Lake Cassepe, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BAUV EI Baul, TGUH Tegucigalpa, SNET Serv Nac Est T, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KURK comp=2.8,2nm,1.0s, GEYT Alibeck, GYAOB ALIBECK ARRY, etc.

31d 15h

ZALV	Zalesovo Beam	42.14 351 P	P	15 41 44.6 +0.2
WRA	Warramunga Arr	49.98 130 P	P	15 42 46.8 +0.1
ASAR	Alice Springs	51.97 134 P	P	15 43 01.5 -0.2
HFS	Hagfors	75.16 229 LR	LR	16 21 52.5

MAN 31 15:34:36.5, 0.508N, 125.65E, h117km, mb4.5, ML3.4, MS3.2, 1C-1D, Mindanao

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DDMP	Don Marcelino	1.02 4 Op	ISC Pn	15 34 58.0 -0.5	
DDMP			Sn	15 35 13.3 -1.9	
GSFH	General Santos	1.22 325 iP	Pn	15 35 00.2 -0.3	
GSFH			Sn	15 35 18.2 -0.8	
SKMP	Bagumbayan	1.80 323 eP	Pn	15 35 08.2 +0.9	
SKMP			Sn	15 35 31.8 +0.8	
KCP	Kidapawan	2.00 344 iP	Pn	15 35 10.2 +0.4	

IOC 31 15:35:09.5, 1.4, 1261N, 95.84E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.4/2.4, mbtmp3.7/6, ML3.6/1, Error ellipse: s-maj=74.1km s-min=21.5km az=62.0, Andaman Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CMAR	Chiang Mai Arr	6.54 27 Pn	Pn	15 36 47.8 +0.7	
MKAR	Makanchi Array	35.94 344 P	P	15 42 11.8 0.0	
KURBS	Kurchatov Arr	40.46 343 P	P	15 42 49.4 -0.4	
ZALV	Zalesovo Beam	42.16 350 P	P	15 43 03.5 -0.2	
WRA	Warramunga Arr	49.82 130 P	P	15 44 03.8 -0.8	
ASAR	Alice Springs	51.82 134 P	P	15 44 20.4 +0.7	

IOC 31 15:56:27.0, 0.5, 55.38S, 27.43W, h0km, mb4.5/12, mb1 4.6/13, mb1mx4.4/2.4, mbtmp4.5/13, ML4.6/1, MS4.0/7, Ms1 4.0/7, ms1mx3.7/2.4, Error ellipse: s-maj=19.5km s-min=15.0km az=68.0, NEIC 31 15:56:29.5, 1.2, 55.4S, 0.1x27.5W, 0.1, h12km, 3km, mb5.0/48, Error ellipse: s-maj=15.7km s-min=9.3km az=100.0, BJJ 31 15:56:29.0, 0.0, 55.40S, 27.40W, h10km, mb5.1/1, Ms4.8/3, Ms7 4.5/3, MOS 31 15:56:33.1, 3.4, 55.38S, 27.69W, h35km, mb5.0/6, Error ellipse: s-maj=19.5km s-min=12.9km az=116.3, ISC 31 15:56:29.7, 0.6, 55.38S, 0.07x27.55W, 0.06, h16km, 3km, h17km: pP-P, n166, e0f80/174, mb5.0/30, 2C-1D, South Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HOPE	Hope Point	5.28 278 Pn	Pn	15 57 48.3 +0.5	
HOPE			Sn	15 58 45.9	
HOPE	Hope Point	5.28 278 Pn	Pn	15 57 48.3 +0.5	
HOPE			Sn	15 58 45.9 -2.3	
VNA1	Neumayer-Stat	17.50 159 P	P	16 00 34.4 +0.8	
VNA3	Neumayer-Stat	17.50 159 P	P	16 00 34.5 -0.5	
VNA2	Neumayer-Stat	17.50 159 P	P	16 00 37.6 +0.2	
EF1	East Falkland	18.43 269 P	Pn	16 00 44.3 +0.1	
EF1			Pmax		
EF1	East Falkland	18.43 269 P	Pn	16 00 44.3 +0.1	
EF1			Iamb	16 00 56.5	
SNA4	Sanae	19.44 157 P	P	16 00 54.8 -0.3	
SNA4			P	16 00 55.0 0.0	
SNA4	Sanae	19.44 157 P	P	16 00 54.1 -0.9	
PMSA	Palmer Station	20.19 228 P	Pn	16 01 04.7 -0.4	
PMSA			LR	16 00 16.7	
PMSA	Palmer Station	20.19 228 P	Pn	16 01 01.9 -1.3	
PMSA			Pn	16 01 06.6 +1.5	
MG01	Puerto William	22.69 254 P	P	16 01 29.9 -0.2	
GO09	Cerro Castillo	26.07 260 P	P	16 01 48.9 +0.5	
PLCA	Paso Flores	31.68 279 P	P	16 02 52.3 +0.1	
PLCA			LR	16 01 51.3	
PLCA	Paso Flores	31.68 279 P	P	16 02 52.3 +0.1	
PLCA			Iamb	16 03 13.0	
SYO	Syowa Base	32.23 142 P	P	16 02 48.0 -8.6	
SYO			P	16 02 55.4 -1.2	
SYO	Syowa Base	32.23 142 P	P	16 02 54.4 +0.6	
QSPA	South Pole Qui	34.87 180 P	P	16 03 20.3 +0.5	
QSPA			Iamb	16 03 22.7	
SPB	Sao Paulo	35.00 327 P	P	16 03 19.7 -1.4	
SPB			Iamb	16 03 26.9	
CPUP	Villa Florida	36.22 311 P	P	16 03 32.5 +1.0	
CPUP			LR	16 18 10.1	
CPUP	Villa Florida	36.22 311 P	P	16 03 31.6 0.0	
CPUP			Iamb	16 03 33.0	
BO01	Tunca	36.50 287 P	P	16 03 35.0 +1.1	
BO01			Iamb	16 04 35.7	
GO05	Huaila	37.50 285 P	P	16 03 34.7 +0.7	
PEL	Peludehue	36.23 289 P	P	16 03 40.7 +0.5	
PEL			Pmax		
PEL	Peludehue	37.23 289 P	P	16 03 40.7 +0.5	
PEL			Iamb	16 03 42.7	
MT02	Curacav	37.38 288 P	P	16 03 41.9 +0.4	
MT02			Iamb	16 03 56.7	
ZON	Zonda	37.39 292 P	P	16 03 41.8 +0.2	
ZON			Pmax		
ZON	Zonda	37.39 292 P	P	16 03 41.8 +0.2	
ZON			Iamb	16 03 50.0	
VA03	San Esteban	37.44 289 P	P	16 03 42.6 +0.5	
VA03			Iamb	16 03 44.8	
ROC1	El Roble	37.53 288 P	P	16 03 44.1 +1.1	
CO02	Combarbal	38.89 290 P	P	16 03 55.3 +0.1	
CO02			Iamb	16 04 10.1	
CO03	El Pedregal	39.01 291 P	P	16 03 56.7 +1.4	
CO03			Iamb	16 04 01.9	
CO01	Juntas del Tor	39.29 292 P	P	16 04 00.1 +1.6	
GO04	Tololo Observa	39.59 291 P	P	16 04 01.7 +1.4	
GO04			Iamb	16 04 57.8	
MA05	El Transito	40.37 293 P	P	16 04 07.7 +1.0	
AC05	Mawson	40.81 144 P	P	16 04 10.6 +0.9	
MAW	Mawson	40.81 144 P	P	16 04 09.9 +0.2	
AC04	Llanos de Chal	41.30 293 P	P	16 04 27.6 +2.0	
AC02	Maricunga	41.39 296 P	P	16 04 13.6 -2.0	
BDFB	Brasilia	42.68 330 P	P	16 04 27.6 +2.0	
BDFB			LR	16 21 32.7	
BDFB	Brasilia	42.68 330 P	P	16 04 26.4 +0.8	
AC01	Pan de Azucar	42.71 295 P	P	16 04 26.6 +0.9	
SHEL	Horse Pasture	42.77 32 P	P	16 04 25.1 -1.2	
SHEL			Pmax		
SHEL	Horse Pasture	42.77 32 P	P	16 04 25.1 -1.2	
GO02	Mina Guanaco	43.00 297 P	P	16 04 29.4 +0.9	
GO02			Iamb	16 04 56.9	

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LVC	Limon Verde	44.79 300 P	P	16 04 43.4 +0.5
LVC			Pmax	
LVC	Limon Verde	44.79 300 P	P	16 04 43.4 +0.5
LVC			P	16 04 40.2 -0.9
LVC			eP	16 04 45.1 -0.8
SALV	Santo Antonio	44.94 320 eP	P	16 04 44.3 +0.5
PB09	IPOC Station P	45.63 300 P	P	16 04 51.6 +2.2
BOSA	Boshof	46.57 307 P	P	16 04 52.1 -0.1
BOSA			LR	16 21 05.9
BOSA	Boshof	46.01 77 P	P	16 04 52.4 +0.1
BOSA			Pmax	
BOSA	Boshof	46.01 77 P	P	16 04 52.4 +0.1
BOSA			Iamb	16 05 06.1
PB07	IPOC Station P	46.01 300 P	P	16 04 53.2 +0.8
PB01	IPOC Station P	46.49 300 P	P	16 04 56.1 +0.8
PTLB	Pontes e Lacer	46.67 316 eP	P	16 04 57.6 +0.3
PTLB			eP	16 05 01.1 -0.5
PATCX	Punta Patache	46.91 300 P	P	16 04 58.9 -0.4
PB08	IPOC Station P	46.99 301 P	P	16 05 01.0 +0.6
PB08			Iamb	16 05 18.7
VNDA	Vanda	47.23 183 P	P	16 05 01.5 +0.4
VNDA			Iamb	16 05 01.3 +0.2
VNDA	Vanda	47.23 183 P	P	16 05 03.3
GO01	Chuzmiza	47.42 302 P	P	16 05 03.5 -0.2
GO01			Iamb	16 05 09.0
PSGCX	Pisagua	47.93 301 P	P	16 05 08.1 +0.8
PSGCX			Iamb	16 05 16.4
MMMC	Milnye Mine	48.07 302 P	P	16 05 09.6 +1.0
MMMC			Iamb	16 05 23.9
PB16	IPOC Station P	48.71 302 P	P	16 05 15.1 +1.2
LBTB	Labatse	49.02 74 P	P	16 05 15.0 -0.6
LBTB			Pmax	
LBTB	Labatse	49.02 74 P	P	16 05 15.0 -0.6
LBTB			Iamb	16 05 29.0
SMTB	Santa Maria do Tsumeb	49.04 333 eP	P	16 05 16.7 +0.8
TSUM	Tsumeb	49.54 82 P	P	16 05 17.0 0.0
TSUM			Iamb	16 07 08.1
CLDB	Colider	49.63 322 eP	P	16 05 19.5 -0.7
LPAZ	La Paz	49.82 305 P	P	16 05 23.9 +1.5
LPAZ			P	16 05 23.7 +0.7
LPAZ	La Paz	49.82 305 P	P	16 05 22.7 +0.3
LPAZ			eP	16 05 46.4 +0.5
NPGB	Novo Progresso	53.05 325 eP	P	16 05 54.3 +0.1
SAML	Samuel	54.18 315 P	P	16 05 54.3 +0.1
SAML			Pmax	
SAML	Samuel	54.18 315 P	P	16 05 54.3 +0.1
SAML			P	16 05 54.5 +0.3
SAML			eP	16 05 58.4 -0.1
CASY	Casey	54.61 311 P	P	16 05 57.4 +0.7
ETMB	Extrema	54.67 311 eP	P	16 05 57.5 -0.3
ETMB			eP	16 06 01.6 -0.4
MLAB	Monte Alegre	57.59 328 eP	P	16 06 19.8 +1.2
LSZ	Lusaka	58.33 70 P	P	16 06 23.8 +0.9
LSZ			Pmax	16 06 23.7 -0.2
LSZ	Lusaka	58.33 70 P	P	16 06 23.7 -0.2
LSZ			Iamb	16 06 26.4
MCPB	Macapa Ap	58.37 331 eP	P	16 06 25.8 +1.8
DBIC	Dimboko	64.64 25 P	P	16 07 06.3 -0.1
DBIC			LR	16 29 48.8
DBIC	Dimboko	64.64 25 P	P	16 07 06.3 -0.1
DBIC			Iamb	16 07 56.0 +0.2
TOAO	Torodi Arr. Sit	72.58 30 P	P	16 07 56.8
TORD	Torodi Arr. Bea	72.58 30 P	P	16 07 56.1 +0.3
TORD			LR	16 34 49.0
TEIG	Tepliz Rock	81.15 305 P	P	16 09 34.2 +0.8
ASAR	Alice Springs	99.99 183 P	P	16 09 11.7 -0.9
PDAR	Pinedale Array	119.81 303 PKP	PKP	16 15 17.6 -0.8
NVAR	Mina Array Bea	120.94 284 PKP	PKP	16 15 21.1 +0.2
NVAR			PKP	16 15 21.6 +0.4
FXVY	Fix Creek	121.17 307 PKP	PKP	16 15 25.4 +0.1
FXVY			PKP	16 15 25.4 +0.1
VINES	Vineyard House	124.06 227 PKP	PKP	16 15 27.2 +0.4
VINES			PKP	16 15 27.2 +0.4
WVOR	Wild Horse Mt	124.06 227 PKP	PKP	16 15 27.2 +0.4
WVOR			PKP	16 15 30.4 +0.2
CMAR	Chiang Mai Arr	124.99 110 PKP	PKP	16 15 31.9 +0.9
CMAR			PKP	16 15 37.6 +0.1
GO8A	Pilot Rock	126.27 299 PKP	PKP	16 15 37.6 +0.1
ARCES	ARCES Array B	130.40 22 PKP	PKP	16 15 37.6 +0.1
YKA	Yellowknife Ar	135.53 319 PKP	PKP	16 15 42.8 +0.2
YKA			PKP	16 15 45.5
MKAR	Makanchi Array	136.87 171 PKP	PKP	16 15 52.6 +0.4
MKAR			PKP	16 15 53.8 -0.9
MMQ	Ururuj	137.97 18 eP	PKP	16 15 53.8 -0.9
MMQ			LR	16 18 10.1
MMQ	Ururuj	137.97 18 eP	PKP	16 15 53.8 -0.9
MMQ			LR	16 18 10.1
CDZ	Chengdu	138.03 105 P	P	16 13 02.8 +0.1
LZH	Lanzhou	141.93 100 P	P	16 16 04.3 +0.8
LZH			PKP	16 16 04.3
LZH			LR	16 16 04.

31d 18h

P57A	Homestead Farm	56.10	354	P	P	18 18 46.9	+1.0
Q52A	Bidwell	56.18	350	P	P	18 18 47.3	+0.8
P56A	Dayton Farm, R	56.21	353	P	P	18 18 47.8	+1.1
WCI	Wyandotte Cave	56.29	346	P	P	18 18 47.3	+0.1
WCI	Wyandotte Cave	56.29	346	P	P	18 18 47.0	-0.2
P55A	Reedsville	56.34	352	P	P	18 18 48.1	+0.5
U40A	Yellville	56.45	339	P	P	18 18 48.2	-0.3
U40A	Yellville	56.45	339	P	P	18 18 47.5	-0.9
T42A	Van Buren	56.48	341	P	P	18 18 48.2	-0.4
MCWV	Mont Chateau	56.49	352	P	P	18 18 49.3	+0.6
MCWV	Mont Chateau	56.49	352	P	P	18 18 48.0	-0.7
P54A	Burton	56.52	351	P	P	18 18 49.4	+0.5
P53A	Whipple	56.55	351	P	P	18 18 49.6	+0.6
P53A	Whipple	56.55	351	pP	pP	18 18 48.5	-0.5
S44A	Carbondale	56.55	343	P	P	18 18 49.0	+0.3
S44A	Carbondale	56.55	343	pP	pP	18 19 17.4	+1.5
I44A	Carbondale	56.55	343	pP	pP	18 19 37.6	-6.9
I44A	Carbondale	56.55	343	pP	pP	18 18 50.7	+0.1
I44A	Carbondale	56.55	343	pP	pP	18 18 51.5	
O57A	Amberson	56.78	354	P	P	18 18 50.9	+0.2
X34A	Smith Ranch, M	56.80	334	P	P	18 18 51.9	+0.9
P52A	Corning	56.81	350	P	P	18 18 51.0	+0.1
P52A	Corning	56.81	350	P	P	18 18 49.5	-1.4
P51A	Williamsport	56.82	349	P	P	18 18 51.3	+0.3
P51A	Williamsport	56.82	349	P	P	18 18 50.4	-0.6
W35A	Tecumseh	56.88	335	P	P	18 18 51.7	+0.2
O56A	Blue Knob Stat	56.94	353	P	P	18 18 52.3	+0.4
O56A	Blue Knob Stat	56.94	353	P	P	18 18 52.5	+0.6
O55A	Ligonier	56.96	353	P	P	18 18 52.5	+0.5
U38A	Gravette	57.06	338	P	P	18 18 51.9	-0.9
O54A	Avella	57.08	352	P	P	18 18 53.1	+0.3
O54A	Avella	57.08	352	P	P	18 18 52.5	-0.4
TUL1	Leonard	57.12	336	P	P	18 18 53.6	+0.4
TUL1	Leonard	57.12	336	P	P	18 18 53.7	+0.5
FNO	Franklin	57.19	335	P	P	18 18 53.7	0.0
P49A	Miami Univ. Ec	57.20	348	P	P	18 18 52.5	-1.1
P49A	Miami Univ. Ec	57.20	348	P	P	18 18 53.6	
O52A	Adamsville	57.23	350	P	P	18 18 54.3	+0.4
O52A	Adamsville	57.23	350	P	P	18 18 53.9	0.0
O53A	New Philadelph	57.27	351	P	P	18 18 54.9	+0.8
O53A	New Philadelph	57.27	351	P	P	18 18 54.1	0.0
P48A	Milroy	57.27	347	P	P	18 18 53.4	-0.8
N57A	Milroy	57.31	354	P	P	18 18 55.1	+0.7
N58A	Sunbury	57.33	355	P	P	18 18 55.1	+0.6
N58A	Sunbury	57.33	355	P	P	18 18 54.0	-0.5
WMOK	Wichita Mounta	57.33	333	P	P	18 18 54.5	-0.2
WMOK	Wichita Mounta	57.33	333	pP	pP	18 18 54.2	-0.5
O51A	Pataskala	57.39	350	P	P	18 18 55.3	+0.3
OK025	Westminster Rd	57.44	335	P	P	18 18 55.0	-0.5
CCM	Cathedral Cave	57.48	341	P	P	18 18 55.7	+0.1
AC50	Marion Center	57.49	353	P	P	18 18 56.2	+0.4
AC50	Alum Creek Sta	57.54	349	P	P	18 18 56.2	+0.1
AC50	Alum Creek Sta	57.54	349	P	P	18 18 56.1	+0.1
BCOK	Bluff Creek, N	57.62	335	P	P	18 18 56.9	+0.2
Q44A	Meyer Farm, Va	57.62	344	P	P	18 18 56.2	-0.4
Q44A	Meyer Farm, Va	57.62	344	P	P	18 18 56.6	
OK029	Liberty Lake	57.68	335	P	P	18 18 57.3	+0.0
Q49A	Quay	57.70	336	P	P	18 18 57.7	+0.4
Q49A	Covington	57.75	348	P	P	18 18 57.1	-0.4
N53A	Lisbon	57.76	351	P	P	18 18 58.0	+0.4
S39A	Lisbon	57.76	351	P	P	18 18 57.8	+0.2
M58A	Price's Panora	57.81	355	P	P	18 18 58.7	+0.6
M57A	Sunshine Farm,	57.85	355	P	P	18 18 58.5	+0.2
M57A	Sunshine Farm,	57.85	355	P	P	18 18 58.4	+0.2
N52A	McGinn's Farm,	57.89	351	P	P	18 18 58.8	+0.3
M59A	Waymart	57.93	356	P	P	18 18 58.7	0.0
GD12	Guadalupe Moun	57.93	327	P	P	18 19 00.4	+1.3
R40A	Maddies Statio	58.01	341	P	P	18 18 58.8	-0.6
MNTX	Cornudas Moun	58.08	326	P	P	18 18 59.9	-0.1
MNTX	Cornudas Moun	58.08	326	P	P	18 18 59.3	-0.7
M56A	Emporium	58.10	354	P	P	18 19 00.1	+0.1
M56A	Emporium	58.10	354	P	P	18 19 00.1	+0.1
N51A	Ashland	58.10	350	P	P	18 19 00.3	+0.3
N51A	Ashland	58.10	350	P	P	18 18 59.7	-0.3
M55A	Ridgway	58.15	353	P	P	18 19 00.5	+0.3
M55A	Ridgway	58.15	353	P	P	18 19 01.4	
T35A	Sooner Cattle	58.28	336	P	P	18 19 02.0	+0.7
T35A	Sooner Cattle	58.28	336	P	P	18 19 02.8	
M54A	Oil Creek Stat	58.29	353	P	P	18 19 01.7	+0.4
M54A	Oil Creek Stat	58.29	353	P	P	18 19 01.8	+0.4
L60A	Shokan	58.31	357	P	P	18 19 01.4	0.0
M53A	WI Miller and	58.35	352	P	P	18 19 02.3	+0.5
M53A	WI Miller and	58.35	352	P	P	18 19 02.2	+0.5
N49A	Columbus Grove	58.43	349	P	P	18 19 01.9	-0.3
P43A	Skaggs, Pawnee	58.45	344	P	P	18 19 01.2	-1.1
L58A	Harry Jones Me	58.46	356	P	P	18 19 02.8	+0.4

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L57A	Andrews Acres	58.49	355	P	P	18 19 03.2	+0.5
ALLY	Alegheny Colle	58.49	355	P	P	18 19 03.1	+0.5
L61A	Hillside, 1, H	58.49	352	P	P	18 19 03.1	+0.5
SFIN	Lafayette	58.53	346	P	P	18 19 03.4	+0.5
SFIN	Lafayette	58.53	346	P	P	18 19 01.6	-1.3
SFIN	Lafayette	58.53	346	IAmb	IAmb	18 19 04.4	
MSTX	Muleshoe	58.53	329	P	P	18 19 03.3	0.0
MSTX	Muleshoe	58.53	329	P	P	18 19 03.0	-0.2
M52A	Chesterland	58.55	351	P	P	18 19 03.6	+0.5
L59A	Walton	58.55	357	P	P	18 19 03.3	+0.1
L59A	Walton	58.55	357	P	P	18 19 03.0	-0.1
L59A	Walton	58.55	357	IAmb	IAmb	18 19 50.8	
BINY	Binghamton	58.62	356	P	P	18 19 03.8	+0.2
BINY	Binghamton	58.62	356	P	P	18 19 03.4	-0.2
BINY	Binghamton	58.62	356	IAmb	IAmb	18 19 05.9	
L56A	Greenwood	58.69	355	P	P	18 19 04.3	+0.3
L56A	Greenwood	58.69	355	P	P	18 19 03.8	-0.2
L56A	Greenwood	58.69	355	IAmb	IAmb	18 19 06.2	
N47A	Urbana	58.69	347	P	P	18 19 03.4	-0.7
N47A	Urbana	58.69	347	IAmb	IAmb	18 19 06.2	
KAN13	South Haven SW	58.74	336	P	P	18 19 05.1	+0.6
AMTX	Amarillo	58.76	331	P	P	18 19 04.7	-0.1
HRV	Adam Dzielowski	58.77	360	P	P	18 19 04.3	-0.2
L53A	Girard	58.80	352	P	P	18 19 05.1	+0.3
L55A	Hinsdale	58.82	354	P	P	18 19 05.4	+0.4
ERPA	Erie	58.93	352	P	P	18 19 06.2	+0.6
ERPA	Erie	58.93	352	P	P	18 19 06.2	+0.6
ERPA	Erie	58.93	352	P	P	18 19 05.2	+0.6
K63A	Dunstable	58.95	350	P	P	18 19 05.5	+0.7
K61A	Williamstown	58.96	358	P	P	18 19 05.9	0.0
L54A	Sinclairville	58.97	353	P	P	18 19 06.1	+0.2
WVNY	West Valley, N	59.05	354	P	P	18 19 06.8	+0.2
WVNY	West Valley, N	59.05	354	IAmb	IAmb	18 19 07.8	
P40A	Paris	59.08	341	P	P	18 19 06.5	-0.2
P40A	Paris	59.08	341	IAmb	IAmb	18 19 39.6	
K59A	Cooperstown	59.13	357	P	P	18 19 06.8	-0.3
K58A	Earlville	59.16	356	P	P	18 19 07.2	-0.1
K58A	Earlville	59.16	356	P	P	18 19 07.3	0.0
K58A	Earlville	59.16	356	IAmb	IAmb	18 19 08.0	
K57A	Scipio Center	59.19	355	P	P	18 19 07.3	-0.1
KAN12	Harper NE Stat	59.19	335	P	P	18 19 08.0	+0.4
K56A	Middlesex	59.22	355	P	P	18 19 08.1	+0.4
K54A	Basiliko Farm,	59.27	354	P	P	18 19 08.2	+0.2
MMNV	Mt. Morris Dam	59.31	354	P	P	18 19 08.3	0.0
MMNV	Mt. Morris Dam	59.31	354	IAmb	IAmb	18 19 43.4	
K55A	Perry	59.32	354	P	P	18 19 08.4	0.0
HSIG	N Adams	59.35	319	P	P	18 19 08.8	+0.9
J60A	Lant Hill Farm	59.54	358	P	P	18 19 10.0	+0.1
P38A	Dawn	59.63	340	P	P	18 19 08.9	-1.7
P38A	Dawn	59.63	340	IAmb	IAmb	18 19 57.8	
J58A	Wolcott	59.73	357	P	P	18 19 11.2	0.0
J56A	Wolcott	59.76	355	P	P	18 19 11.5	+0.2
J56A	Wolcott	59.76	355	P	P	18 19 10.9	-0.4
J56A	Wolcott	59.76	355	IAmb	IAmb	18 19 12.6	
J59A	Piesco	59.80	357	P	P	18 19 11.8	+0.1
J59A	Piesco	59.80	357	P	P	18 19 11.4	-0.3
J59A	Piesco	59.80	357	IAmb	IAmb	18 19 13.9	
J57A	Williamstown	59.83	356	P	P	18 19 12.0	+0.2
J55A	Hilton	59.83	354	P	P	18 19 11.6	-0.2
J55A	Hilton	59.83	354	P	P	18 19 11.8	0.0
J55A	Hilton	59.83	354	IAmb	IAmb	18 19 12.4	
J54A	Appleton	59.92	354	P	P	18 19 12.6	+0.2
319A	Douglas	60.03	323	P	P	18 19 14.9	+1.3
121A	Cookes Peak, D	60.04	325	P	P	18 19 14.3	+0.5
121A	Cookes Peak						

X16A	comp=Z,17nm,0.9s	I	Amb	I	Amb	18 19 40.3
E48A	Lockeeyer bazz=168	63.51	352	P	P	18 19 37.0 +0.5
S22A	4UR Ranch, Cre bazz=142,SNR=9.0	63.53	329	P	P	18 19 38.2 +1.0
S22A	4UR Ranch, Cre	63.53	329	P	P	18 19 38.4 +1.3
D52A	ZEK Kipawa Sen bazz=172	63.56	355	P	P	18 19 36.9 +0.1
I37A	Lemond, Waseca	63.59	342	P	P	18 19 36.4 -0.7
I37A				I	Amb	18 19 37.3
SPX	comp=Z,14nm,0.5s	63.59	318	P	P	18 19 39.4 +1.6
D54A	San Pedro Mart Lac Fusel, L	63.60	356	P	P	18 19 36.7 -0.3
D53A	bazz=174,SNR=9.0	63.60	355	P	P	18 19 36.8 -0.3
D53A	Lac Vacive, Po bazz=173,SNR=7.1	63.60	355	P	I	18 19 36.9 -0.2
D53A	Lac Vacive, Po	63.60	355	P	I	18 19 37.8
E47A	Iron Bridge bazz=167	63.65	351	P	P	18 19 36.9 -0.5
Q24A	Divide	63.69	331	P	P	18 19 39.2 +0.9
Q24A	Divide	63.69	331	P	P	18 19 39.1 +0.3
Q24A		63.69	331	I	Amb	18 19 40.9
113A	comp=Z,15nm,1.0s	63.70	321	P	P	18 19 37.8 -0.2
113A	Mohawk Valley,			I	Amb	18 19 40.6
BATG	comp=Z,14nm,0.8s	63.71	4	P	P	18 19 37.3 -0.5
BATG	Bathurst New B			I	Amb	18 19 38.0
D51A	comp=Z,13nm,0.5s	63.77	354	P	P	18 19 38.8 +0.6
D51A	Lot 18 Range I bazz=171	63.89	345	P	P	18 19 38.8 -0.2
G40A	Rib Lake	63.89	353	P	P	18 19 40.0 +1.0
D50A	G1974 Best Tow bazz=171	63.96	327	P	P	18 19 40.4 +0.4
MVCO	Mesa Verde	63.96	327	P	P	18 19 40.4 +0.4
MVCO	Mesa Verde	63.96	327	P	P	18 19 41.2 +1.2
MVCO				I	Amb	18 19 42.9
Y14A	comp=Z,21nm,1.4s	64.05	322	P	P	18 19 42.1 +1.7
Y14A	Wickenburg			I	Amb	18 19 43.1
K31A	comp=Z,17nm,1.1s	64.10	338	P	P	18 19 40.7 +0.2
D48A	O'Neill Paudash Townsh bazz=169	64.14	352	P	P	18 19 41.5 +0.8
D49A	Beulah Townshi bazz=169	64.18	352	P	P	18 19 41.5 +0.6
D46A	Sault St. Mari bazz=168	64.19	350	P	P	18 19 41.8 +0.8
E43A	Lone Tree Farm	64.23	346	P	P	18 19 40.8 -0.4
WUAZ	Wupatki	64.24	324	P	P	18 19 43.3 +1.5
WUAZ	Wupatki	64.24	324	P	P	18 19 43.2 +1.4
WUAZ				I	Amb	18 19 45.2
ECSD	comp=Z,30nm,1.1s	64.33	340	P	P	18 19 42.6 +0.6
ECSD	EROS Data Cent bazz=183	64.33	340	P	P	18 19 42.4 +0.4
ECSD	EROS Data Cent			I	Amb	18 19 43.2
COWI	comp=Z,23nm,1.1s	64.42	346	P	P	18 19 42.6 +0.1
SPMN	Conover	64.43	343	P	P	18 19 43.3 +0.1
SPMN	Marine on St. bazz=157	64.43	343	P	P	18 19 42.6 -0.6
SPMN	Marine on St.			I	Amb	18 19 43.8
ESJX	comp=Z,15nm,0.9s	64.54	319	P	P	18 19 45.8 +2.1
GLA	Sierra Juarez	64.54	320	P	P	18 19 45.0 +1.4
GLA	Glamis			I	Amb	18 19 45.2 +1.6
GLA	Glamis	64.54	320	P	P	18 19 45.0 +1.0
ISCO	Idaho Springs	64.57	331	P	P	18 19 43.6 -0.0
VLD0	Vai d'Or	64.61	355	I	Amb	18 19 44.7
VLD0				I	Amb	18 19 46.3 +1.5
PV01	comp=Z,7.9nm,0.6s	64.70	328	P	P	18 19 47.2
PV01	Paradox Valley			I	Amb	18 19 47.2
PV15	comp=Z,16nm,0.8s	64.81	328	P	P	18 19 47.2 +1.7
PV02	Paradox Valley	64.84	328	P	P	18 19 46.9 +1.2
PV13	Paradox Valley	64.84	328	P	P	18 19 46.9 +1.2
PV13	Radium Mtn., P			I	Amb	18 19 47.8
PV05	comp=Z,14nm,0.8s	64.92	328	P	P	18 19 46.9 +0.7
PV03	Paradox Valley	64.93	328	P	P	18 19 47.2 +1.0
PV12	Saucer Basin,	64.96	328	P	P	18 19 47.9 +1.4
PV18	Skein Mesa, Pa	64.96	328	P	P	18 19 47.5 +1.0
PV07	Paradox Valley	64.97	328	P	P	18 19 47.9 +1.4
PV11	David Mesa, Pa	64.98	328	P	P	18 19 47.7 +0.8
PDMCI	Parker Dam,Lak bazz=134	64.98	328	P	P	18 19 47.3 +0.9
PV17	East Wray Mesa	65.01	328	P	P	18 19 47.5 +0.7
PV16	Nyswonger Mesa	65.01	328	I	Amb	18 19 47.6 +0.8
PV16				I	Amb	18 19 49.0
PV19	comp=Z,25nm,2.0s	65.04	328	P	P	18 19 47.4 +0.4
IKP	Morning Glory In-Ko-Pah, Jac bazz=133,SNR=5.5	65.07	319	P	P	18 19 49.1 +2.0
SWSC	Sam W. Stewart bazz=132	65.07	319	P	P	18 19 48.7 +1.8
PV14	Lion Creek, Pa	65.11	328	P	P	18 19 48.1 +0.7
PV22	Blue Mesa, Par	65.11	328	P	P	18 19 48.4 +1.0
CBX	Cerro Bola	65.19	318	P	P	18 19 50.5 +2.5
F36A	Milaca	65.31	343	I	Amb	18 19 48.1 -0.1
F36A				I	Amb	18 19 49.0
TKX	comp=Z,13nm,0.8s	65.33	331	P	P	18 19 48.2 -0.5
BC3	Tecate	65.33	320	P	P	18 19 50.5 +1.7
BC3	Big Chuckwall bazz=133,SNR=9.1	65.38	322	P	P	18 19 51.0 +1.8
W13A	Hualapai Mount	65.41	324	P	P	18 19 51.1 +1.6
U15A	North Rim	65.41	324	I	Amb	18 19 52.5
U15A				I	Amb	18 19 52.5
MONP2	comp=Z,14nm,0.9s	65.42	319	P	P	18 19 51.5 +2.0
MONP2	Monument Peak bazz=132,SNR=8.5	65.44	319	P	P	18 19 51.6 +2.2
BAR	Barrett	65.44	319	P	P	18 19 50.0 +1.1
VNA3	Neumayer Olymp	65.48	162	P	P	18 19 49.4 +0.1
E36A	The Farm, Brul	65.48	345	I	Amb	18 19 50.0
E36A				I	Amb	18 19 50.0
IRM	comp=Z,9.1nm,0.7s	65.48	321	P	P	18 19 51.4 +1.7
IRM	Iron Mountain bazz=133,SNR=12	65.60	332	P	P	18 19 51.6 +1.1
N23A	Red Feather La bazz=143,SNR=6.1	65.60	332	P	P	18 19 51.8 +1.3
N23A	Red Feather La	65.66	161	P	P	18 19 51.9 +1.7
VNA1	Neumayer-Stat	65.67	321	P	P	18 19 52.4 +1.1
PHWY	Pilot Hill	65.70	332	P	P	18 19 52.1 +1.0
SUSD	Miller bazz=151	65.75	339	P	P	18 19 51.5 +0.4
SUSD	Miller	65.90	320	P	P	18 19 54.1 +1.6
SUSD	Belle Mtn. Jos bazz=132	65.92	320	P	P	18 19 54.8 +2.2
XPFO	Pion Flat	65.92	320	I	Amb	18 19 55.7
XPFO				I	Amb	18 19 55.7
PFO	comp=Z,45nm,1.6s	65.92	320	P	P	18 19 54.6 +1.9
PFO	Pinyon Flats O bazz=132,SNR=5.7	65.92	320	P	P	18 19 54.6 +1.9
PFO	Pinyon Flats O			I	Amb	18 19 55.6
VNA2	comp=Z,45nm,1.6s	66.03	161	P	P	18 19 53.8 +1.2
VNA2	Neumayer-Watz bazz=282,slow=7.3	66.08	330	P	P	18 19 54.9 +1.3
O20A	White River Ci bazz=141,SNR=8.2	66.08	330	P	P	18 19 54.8 +1.3
O20A	White River Ci	66.08	330	P	P	18 19 54.8 +1.3
O20A				I	Amb	18 19 55.8
F33A	comp=Z,12nm,0.8s	66.11	341	P	P	18 19 53.4 0.0
F33A	5 Mile Ranch,			I	Amb	18 19 54.3
KNB	comp=Z,18nm,0.8s	66.13	325	P	P	18 19 56.0 +2.1
PKCU	Kanab	66.18	325	P	P	18 19 56.3 +2.0
GMRC	Pink Cliffs	66.22	321	P	P	18 19 56.3 +1.7
CHGO	Granite Mounta bazz=133,SNR=14	66.23	358	P	P	18 19 54.1 +0.1
CHGO	Chibougamau bazz=177	66.26	355	P	P	18 19 54.3 +0.1
MAT0	Matagami	66.26	355	P	P	18 19 54.3 +0.1
MAT0	Matagami	66.36	324	P	P	18 19 57.0 +1.6
LCMT	Little Creek M	66.38	319	P	P	18 19 57.5 +2.1
MURC	Murrieta bazz=131	66.44	328	P	P	18 19 56.9 +1.0
SRU	San Rafael Swe	66.44	328	P	P	18 19 56.9 +1.0

MTPU	Mount Pierson	66.52	326	P	P	18 19 58.2 +1.5
DRLN	Deer Lake	66.65	10	P	P	18 19 55.8 -0.9
HEC	Hector,Ludlow bazz=132,SNR=5.6	66.66	321	P	P	18 19 55.9 +2.2
SZCU	Shurtz Canyon	66.69	325	P	P	18 19 59.2 +1.6
EYMN	Ely bazz=159,SNR=7.3	66.71	345	P	P	18 19 56.7 -0.5
EYMN	Ely	66.71	345	P	I	18 19 57.0 -0.1
EYMN				I	Amb	18 19 57.8
RWWY	comp=Z,11nm,0.8s	66.81	331	P	P	18 19 58.6 +0.3
RWWY	Rawlins			I	Amb	18 19 59.4
CCUT	comp=Z,49nm,1.9s	66.82	325	P	P	18 20 00.6 +2.3
P17A	Cedar City	66.82	321	P	P	18 20 00.5 +1.3
TUQ	Butcher Ranch, Turquoise Moun bazz=133,SNR=6.5	66.83	327	P	P	18 20 00.4 +1.3
TMUT	Trail Mountain	67.06	329	P	P	18 20 00.9 +1.0
RDMU	Red Mountain	67.08	326	P	P	18 20 02.2 +2.2
TCRU	Three Creeks R	67.09	319	P	P	18 20 01.5 +1.6
BFSC	Fort Mount Baldy Ra bazz=131,SNR=8.0	67.11	323	P	P	18 20 02.2 +2.1
SHPR	Sheep Range	67.14	319	P	P	18 20 02.2 +2.1
SHPR				I	Amb	18 20 03.2
FMP	comp=Z,18nm,0.9s	67.14	319	P	P	18 20 02.4 +2.2
FMP	Fort Macarthur bazz=130	67.26	332	P	P	18 20 01.8 +0.8
K22A	Casper	67.26	332	P	P	18 20 01.9 +1.0
K22A	Casper bazz=143,SNR=7.5	67.26	332	I	Amb	18 20 03.0
GSC	comp=Z,15nm,0.8s	67.27	321	P	P	18 20 02.9 +1.8
GSC	Goldstone, Bar bazz=142,SNR=9.4	67.27	321	P	P	18 20 02.9 +1.8
GSC	Goldstone, Bar			I	Amb	18 20 03.7
MWC	comp=Z,12nm,0.9s	67.33	319	P	P	18 20 03.4 +1.7
MWC	Mount Wilson			I	Amb	18 20 04.6
SHOC	comp=Z,28nm,1.1s	67.35	322	P	P	18 20 02.9 +1.4
SHOC	Shoshone, Teco bazz=133	67.40	335	P	P	18 20 02.6 +0.7
RSSD	Black Hills	67.40	335	P	P	18 20 03.2 +1.3
RSSD	Black Hills	67.40	335	P	P	18 20 04.4 +1.7
DECC	Green Verdugo bazz=131	67.52	319	P	P	18 20 04.0 +1.0
SNAAS	Sanae	67.65	161	P	P	18 20 03.9 +1.0
SNAAS	Sanae	67.65	161	P	P	18 20 05.5 +1.6
EDWZ	Edwards Air Fo bazz=131,SNR=10	67.79	325	P	P	18 20 06.4 +1.9
PSUT	Pine Spring	67.92	320	P	P	18 20 07.0 +1.7
LRMC	Laurel Mtn Rad bazz=132,SNR=7.3	68.02	328	P	P	18 20 05.8 -0.2
JLU	Jordanelle	68.05	322	P		

Table with columns: BOZ, TUO, OBN, etc. containing station names, codes, and numerical data.

Table with columns: PV03, PV12, PV13, etc. containing station names, codes, and numerical data.

Table with columns: ASAR, IDC 31, ISC 31, etc. containing station names, codes, and numerical data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like HORN Hornachuelos, EADA Adamuz, ZHG ZHG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like TTIG Trine Tigouga, PCAS Casnilo, MVO Moncorvo, etc.

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

31d 21h

2014 JUL

1532

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like Combarbal, El Pedregal, San Esteban, etc.

Table with columns: ID, Station Name, Time, Res, and various station identifiers. Includes stations like IPOC Station P, PSCG Pisagua, Chumizma, etc.

Table with columns: Station Name, Time, Res, and various station identifiers. Includes stations like Emporium, Ridgway, Columbus Grove, etc.

NEIC 31 21:51:52.4z: 1.1, 60.21N, 0.04:153:18W:0.08, h133km, 4km, Error ellipse: s-maj=6.2km s-min=4.8km az=138.0

31d 23h

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like MASBT Mashbuluo, TWK1 Hengchun, HEN Hengchun, etc.

2014 JUL

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like NTST Danshui, WDGTD Dungi, PHUB Peng-hu, etc.

1534

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like KAN13, KAN10, KAN12, etc.

1535

NNSH	Datong	baz=293	1.15	295	P	Pn	23	30	18.9	+0.8
NNSH		baz=293			eS	Sn	23	30	33.6	+0.7
IRIF	Iriomote-Funau	baz=293	1.17	70	P	Pb	23	30	19.9	+0.1
IRIF					S	Sb	23	30	35.2	+0.6
NNS	Nan Shan	baz=294	1.17	295	P	Pn	23	30	19.4	+1.1
NNS					S	Sb	23	30	35.4	+0.7
TWB1	Santiao Chiao	baz=294	1.17	335	P	Pn	23	30	19.2	+1.0
TWB1		baz=352			S	Sb	23	30	35.1	+0.4
WHF	Hehuan Shan	baz=352	1.17	280	P	Pn	23	30	19.1	+0.4
WHF		baz=278			S	Sn	23	30	34.8	+1.0
HATJ	Hateruma jima	baz=278	1.17	84	P	Pn	23	30	19.6	+1.3
HATJ					S	Sn	23	30	34.8	+1.6
EHY	Hungye	baz=278	1.19	249	eP	Sn	23	30	18.9	+0.3
EHY		baz=247			eS	Sn	23	30	34.5	+0.8
TIPB	Suangxi	baz=247	1.21	328	eP	Pb	23	30	20.0	-0.5
TIPB		baz=327			S	Sb	23	30	35.8	-0.1
FUSS	Fushou	baz=327	1.21	285	P	Pn	23	30	20.1	+1.0
FUSS		baz=283			S	Sb	23	30	35.8	-0.3
OWD	Renai	baz=283	1.24	271	S	Sn	23	30	35.8	+0.7
CHGB	Renai	baz=283	1.24	276	eP	Pn	23	30	20.2	+0.7
CHGB		baz=269			eS	Sb	23	30	36.8	-0.2
NWLT	Wulai	baz=269	1.25	312	eP	Pb	23	30	20.7	-0.5
NWLT		baz=274			eS	Sn	23	30	38.0	+1.0
YHNB	Yeheng	baz=274	1.28	305	eP	Pn	23	30	20.9	+1.1
YHNB		baz=297			eS	Sn	23	30	20.6	+0.8
VWDT		baz=297	1.28	262	eP	Pn	23	30	36.9	+1.0
VWDT		baz=260			eS	Sn	23	30	21.2	+1.1
TDCB	Techi	baz=260	1.29	284	eP	Pn	23	30	21.2	+1.1
TDCB		baz=270			eS	Sb	23	30	38.2	0.0
NWF	Wu-fen Shan	baz=270	1.31	329	eP	Pn	23	30	21.3	+1.0
NWF		baz=328			eS	Sb	23	30	40.3	+1.4
NWF		baz=328	1.31	329	eP	Pn	23	30	21.2	+1.0
NWF		baz=328			S	Sb	23	30	39.6	+0.9
WFSB	Wu-fen Shan	baz=328	1.34	320	eP	Pb	23	30	22.8	0.0
WFSB		baz=320			S	Sb	23	30	41.0	+1.3
TWA	Mucha	baz=320	1.35	237	eP	Pn	23	30	21.2	+0.4
TWA		baz=223			eS	Sn	23	30	39.2	+1.5
FULB	Fuli	baz=223	1.36	232	eP	Pb	23	30	23.0	-0.1
FULB		baz=218			eS	Sn	23	30	37.2	-0.6
CHKT	Chengkung	baz=218	1.37	318	eP	Pn	23	30	23.1	-0.1
CHKT		baz=317			eS	Sb	23	30	40.6	+0.3
NHDH	Xindian Distri	baz=317	1.39	78	P	Pn	23	30	23.0	+1.8
NHDH		baz=317			S	Sb	23	30	41.4	+0.6
JKRS	Kuro-shima	baz=317	1.40	318	P	Pb	23	30	23.1	-0.6
JKRS		baz=318	1.43	320	P	Pb	23	30	23.7	-0.7
TAP	Taipei	baz=318			eS	Sb	23	30	43.0	+0.8
TAP		baz=319	1.45	264	eP	Pn	23	30	23.8	+1.6
TAP		baz=263			eS	Sn	23	30	40.9	+0.7
SSLB	Suanglung	baz=263	1.45	264	eP	Pn	23	30	22.0	-0.2
SSLB		baz=263	1.47	274	eP	Pn	23	30	23.8	+1.3
SSLB		baz=263			eS	Sb	23	30	42.7	-0.5
DPDB	Daxi	baz=263	1.47	308	eP	Pb	23	30	24.2	-0.8
DPDB		baz=294			eS	Sb	23	30	44.6	+1.3
WLTB	WLTB	baz=294	1.48	324	eP	Pb	23	30	24.9	-0.3
WLTB		baz=323			S	Sb	23	30	44.8	+1.1
YM01	YM01	baz=323	1.48	230	eP	Pn	23	30	23.2	+0.7
YM01		baz=323			eS	Sn	23	30	40.3	-0.6
EDH	Donghie	baz=323	1.48	230	eP	Pn	23	30	23.2	+0.7
EDH		baz=271			eS	Sb	23	30	43.1	-0.6
WHP	Taichung City	baz=271	1.49	268	eP	Pn	23	30	24.2	+1.4
WHP		baz=266			eS	Sn	23	30	42.5	+1.2
SMLT	Sun Moon Lake	baz=266	1.49	324	eP	Pn	23	30	24.2	+1.4
SMLT		baz=323			eS	Sb	23	30	44.8	+0.8
YM10	YM10	baz=323	1.50	325	eP	Pb	23	30	24.8	-0.6
YM10		baz=324			eS	Sb	23	30	44.3	+0.3
YM11	YM11	baz=324	1.50	324	eP	Pn	23	30	23.8	+0.9
YM11		baz=324			eS	Sb	23	30	44.1	-0.1
YM05	YM05	baz=324	1.50	324	eP	Pn	23	30	26.1	+0.5
YM05		baz=324			eS	Sb	23	30	44.1	-0.1
YM08	YM08	baz=324	1.51	323	eP	Pn	23	30	24.5	+1.6
YM08		baz=325			eS	Sb	23	30	44.1	-0.2
YM04	YM04	baz=325	1.52	324	eP	Pb	23	30	25.3	-0.6
YM04		baz=323			eS	Sb	23	30	44.6	-0.3
YM03	YM03	baz=323	1.53	269	eP	Pn	23	30	24.5	+1.2
YM03		baz=267			eS	Sn	23	30	43.8	+1.8
TYC	Yuchr	baz=267	1.53	269	eP	Pn	23	30	24.5	+1.2
TYC		baz=247			eS	Sn	23	30	43.8	+1.8
JJJ	Ishigaki jima	baz=247	1.53	74	P	Pn	23	30	24.5	+1.2
JJJ		baz=247			S	Sb	23	30	44.2	+2.1
TWS1	Kuangyinshan	baz=247	1.53	319	eP	Pn	23	30	25.8	-0.2
TWS1		baz=336			eS	Sb	23	30	45.4	+0.4
ANP	Anpu	baz=336	1.54	324	eP	Pb	23	30	25.8	-0.4
ANP		baz=323			eS	Sb	23	30	45.1	+0.6
LIOB	Emei	baz=323	1.55	297	eP	Pb	23	30	26.1	-0.2
LIOB		baz=296			eS	Sb	23	30	45.7	+0.1
NSTT	Nanjuang	baz=296	1.55	296	eP	Pb	23	30	26.6	+0.2
NSTT		baz=295			eS	Sb	23	30	45.7	+0.1
WHYT	Xinyi Township	baz=295	1.55	261	eP	Pb	23	30	26.6	+0.2
WHYT		baz=247			eS	Sb	23	30	45.7	0.0
NTST	Danshui	baz=247	1.56	321	eP	Pb	23	30	26.1	-0.4
NTST		baz=336			eS	Sb	23	30	46.5	+0.6
ELDTW	Lidau	baz=336	1.58	242	eP	Pn	23	30	25.1	+1.1
ELDTW		baz=240			eS	Sn	23	30	44.5	+1.1
NCU	National Centr	baz=240	1.59	310	eP	Pb	23	30	26.9	-0.1
NCU		baz=309			eS	Sn	23	30	47.6	+0.8

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NCU	Zhongli	baz=309	1.59	310	eP	Pb	23	30	26.6	-0.4	
NCU		baz=309			eS	Sb	23	30	47.3	+0.5	
LDUT	Ludao	baz=309	1.60	218	eP	Pn	23	30	24.0	-0.1	
LDUT		baz=216			eS	Sn	23	30	44.0	+0.4	
ALS	Alishan	baz=216	1.64	255	P	Sn	23	30	26.9	+1.9	
ALS		baz=253			S	Sn	23	30	47.6	+2.5	
SBCB	Hsinchu	baz=253	1.64	301	eP	Pb	23	30	28.2	+0.4	
SBCB		baz=300			eS	Sb	23	30	48.1	0.0	
LONT	Longtian	baz=300	1.65	231	eP	Pn	23	30	25.8	+0.9	
LONT		baz=220			eS	Sn	23	30	46.2	+1.3	
WJS	Zhushan	baz=220	1.65	266	eP	Pb	23	30	27.7	-0.3	
WJS		baz=285			eS	Sb	23	30	48.9	+0.4	
HSN	Hsinchu	baz=285	1.66	301	eS	Sb	23	30	47.6	-1.1	
HSN		baz=301	1.68	287	P	Pb	23	30	28.2	-0.3	
NSY	Sanyi	baz=285			S	Sb	23	30	50.0	+0.7	
WNT	Mingjian	baz=285	1.69	268	P	Pb	23	30	28.7	+0.1	
WNT		baz=267			S	Sb	23	30	50.0	+0.5	
NMLH	Miaoil	baz=267	1.69	291	eP	Pb	23	30	27.7	-0.9	
NMLH		baz=289			eS	Sb	23	30	49.4	-0.2	
TCU	Taichung	baz=289	1.71	277	P	Pb	23	30	28.6	-0.3	
TCU		baz=276			S	Sb	23	30	51.5	+1.5	
CHNS	Tsaling	baz=276	1.73	259	P	Pb	23	30	28.5	-0.8	
CHNS		baz=247			eS	Sn	23	30	50.0	-0.8	
TTN	Taitung	baz=247	1.74	227	eS	Sn	23	30	47.9	+0.8	
TTN		baz=226			eS	Pb	23	30	29.1	-0.4	
PTSB	Yuanli	baz=226	1.74	287	eP	Pb	23	30	51.9	+1.0	
PTSB		baz=285			eS	Sb	23	30	28.0	+1.9	
TWGBT	Beinan	baz=285	1.74	230	eP	Sn	23	30	47.9	+0.7	
TWGBT		baz=218			eS	Sn	23	30	28.0	+1.8	
TWG	Piniang	baz=218	1.74	230	eP	Pn	23	30	47.7	+0.4	
TWG		baz=218			eS	Sn	23	30	26.8	+0.6	
TWG		baz=218	1.74	230	eP	Pn	23	30	27.3	+1.1	
TWG		baz=218	1.75	68	P	Sn	23	30	49.8	+2.4	
TWG		baz=218			S	Pn	23	30	28.5	+1.9	
WDJ	Dajia District	baz=218	1.77	284	eP	eS	Sb	23	30	53.2	+1.4
WDJ		baz=282			eS	Sn	23	30	29.0	+1.9	
STYT	Tauyuan	baz=282	1.80	245	eP	Sb	23	30	52.1	-0.7	
STYT		baz=234			S	Sb	23	30	30.1	-0.5	
WCHH	Zhanghua	baz=234	1.81	275	eP	Pb	23	30	53.4	+0.5	
WCHH		baz=273			eS	Sb	23	30	52.7	-0.5	
WGK	Gukeng	baz=273	1.82	262	eS	Sb	23	30	52.7	-0.5	
WGK		baz=261	1.84	262	eP	Pb	23	30	53.8	-0.1	
WDLH	Douliu	baz=261	1.85	250	eP	Pb	23	30	30.7	-0.8	
WDLH		baz=261			eS	Sn	23	30	54.0	-0.3	
TPUB	Ta-pu	baz=261	1.85	250	eP	Pb	23	30	29.7	+2.0	
TPUB		baz=238	1.89	249	P	Pb	23	30	31.2	-0.9	
TPUB		baz=238			S	Sb	23	30	55.4	+0.2	
WTP	Ta-pu	baz=238	1.97	242	eP	Pn	23	30	31.6	+2.3	
WTP		baz=237			eS	Sn	23	30	56.2	+3.3	
SLGT	Liugui	baz=237	1.97	242	eP	Pn	23	30	30.4	+1.0	
SLGT		baz=232			eS	Sn	23	30	55.1	+2.1	
ECL	Taimali	baz=232	1.97	228	eP	Pn	23	30	55.1	+2.1	
ECL											

31d 23h

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like GCUF, CRUC, FLOC, SOTA, GARC, PCON, MACC, MARP, YOTC, ORTC, VILC, ROSC, etc.

2014 JUL

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like BSFB, GDU01, RIB01, KVXT, TXAR, U40A, MNTX, ANMO, BAR, SZCU, RWWY, etc.

1536

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like H11S3, H11S2, H11S1, FITZ, PSAC2, MYLDM, etc.

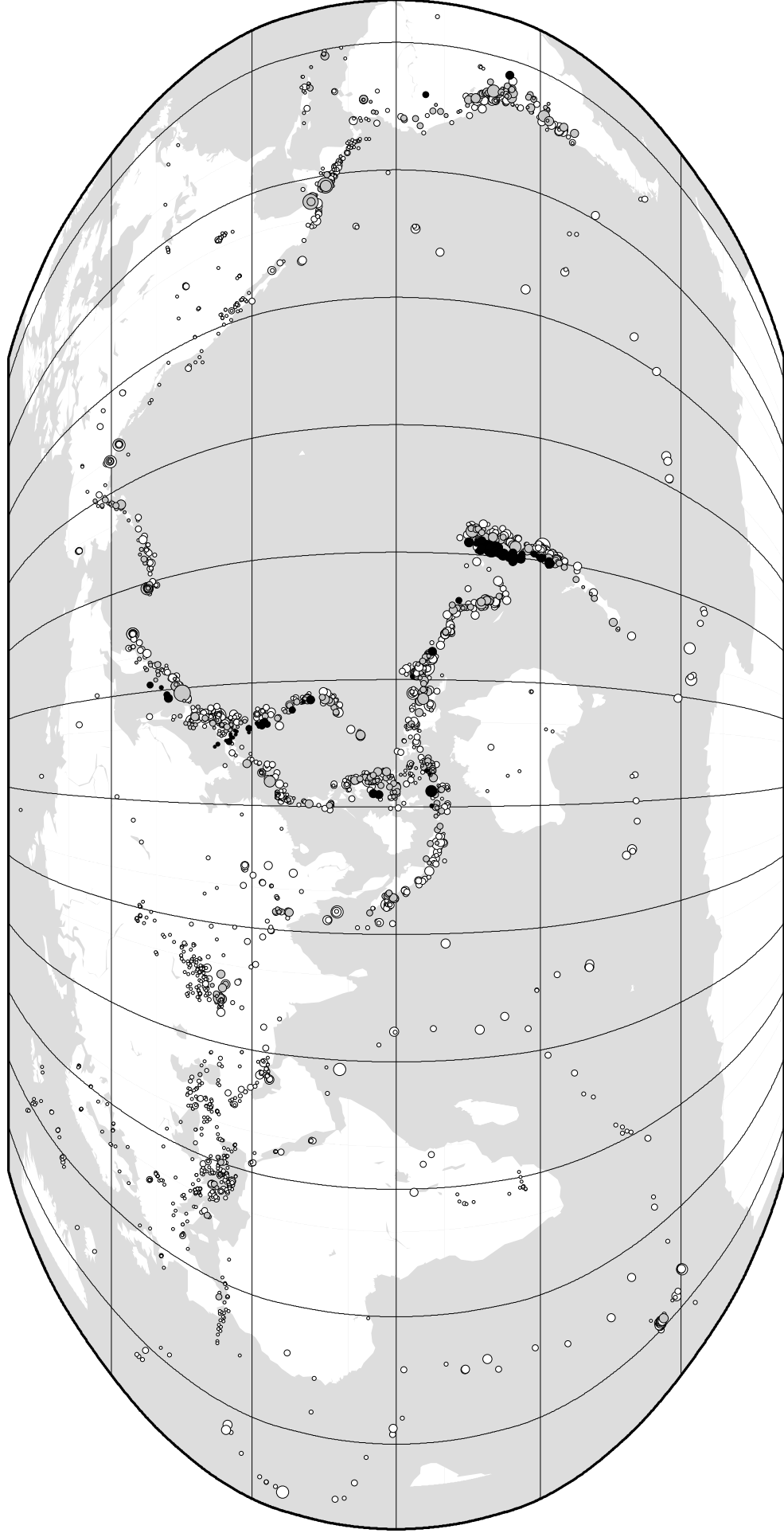
NEIC 31 23:34:57.5±2.0, 6:52S; 0:08; 155:29E; 0:08, h35km±1km, mb4.0/11, Error ellipse: s-maj=18.0km s-min=5.3km az=135.0

IDC 31 23:35:05.7±6.7, 6:51S; 155:08E; h100km±44km, mb3.4/6, mb1.3/6.8, mb1mx3.8/29, mbtm3.8/7, Error ellipse: s-maj=76.0km s-min=23.8km az=107.0

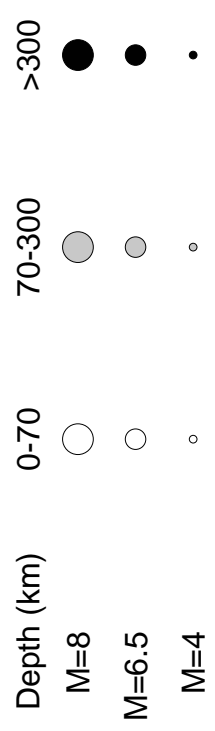
ISC 31 23:34:57.3±0.7, 6:47S; 0:08; 155:26E; 0:10, h35km, n27, -117/23, mb3.8/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Includes stations like RABL, KRVT, KRVT, YPP, WAKR, WAKR, etc.

ISC Computed Locations for July 2014



Robinson Projection, centred on 0°N, 130°E



3045 Events