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

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Addendum I

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

From data-month October 2002, a new location program ISCloc has been used in operations. Also, the IASPEI standard seismic phase list has now been adopted by the ISC, please see the last pages of this Bulletin for details.

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

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

The following example illustrates the changes :-

September 2002

```

NEIC 01 18:45:41.7±1.7,21.70S×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

```

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, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR 0.97 243, H10N1 ASCENSION HYDR 0.97 242, H10N3 ASCENSION HYDR 0.98 243, etc.

IDD 01 02:14:30.1+1.6, 20:26:5.173:96W, h0km, mb4.0/5, mb1 4.4/6, mb1mx3.9/38, mbtmp4.1/6, ML1.1/1, MS3.5/5, Ms1 3.5/5, ms1mx3.1/28, Error ellipse: s-maj=64.0km, s-min=25.2km az=142.0

ISCJB 01 02:14:33.8, 1.9, 19:9S:0:2:174:0W:0.2, h27km, mb4.1/5, MS3.7/3, Error ellipse: s-maj=34.2km s-min=9.9km az=38.4

ISC 01 02:14:34.8, 1.3, 20:0S:0:2:173:9W:0.2, h27km, n16, r=130/13, mb4.2/5, MS3.7/3, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu 6.41 19 Pn, AFI 4.8nm, 0.3s, baz=342, slow=20, SNR=5.9, etc.

IDD 01 02:15:40.4+0.9, 3:77S:99:71E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/34, mbtmp3.9/8, MS2.9/1, Ms1 3.1/1, ms1mx2.4/34, Error ellipse: s-maj=30.8km s-min=19.8km az=53.0

ISCJB 01 02:15:44.1+0.7, 3:58S:0:05:99:88E:0:05, h33km, mb3.9/8, MS2.7/1, Error ellipse: s-maj=9.6km s-min=4.6km az=22.0

DJA 01 02:15:48.2+0.8, 3:56S:10:0E, h45km, 16km, M4.4/14, mb4.4/4, MLV4.4/14

ISC 01 02:15:45.6+0.9, 3:60S:0:08:99:86E:0:07, h35km, n32, r=166/30, mb3.9/8, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PPSI Pulau Pagai 0.84 10 P, SISI Saibi 2.38 341 P, KSI Kapahiang 2.73 91 S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs 38.45 124 P, SONM Songoing Array 51.54 6 P, MKAR Makanchi Array 52.52 945 P, etc.

IDD 01 02:16:27.3+2.0, 3:97N:97:88E, h125km, 19km, mb3.3/4, mb1 3.4/4, mb1mx3.1/34, mbtmp3.7/4, MS3.5/1, Ms1 3.5/1, ms1mx2.5/25, Error ellipse: s-maj=116.1km s-min=22.8km az=53.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat 1.56 38 P, WRA Warrungarra Arr 42.95 119 P, ASAR Alice Springs 44.58 130 LR, etc.

IDD 01 02:17:57.3+0.8, 3:79S:99:60E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.8/36, mbtmp3.9/9, MS3.2/1, Ms1 3.2/1, ms1mx2.4/36, Error ellipse: s-maj=30.6km s-min=19.3km az=55.0

ISCJB 01 02:18:00.6+0.8, 3:75S:0:1:99:7E:0:2, h33km, mb3.9/9, MS3.1/1, Error ellipse: s-maj=28.5km s-min=16.2km az=145.8

ISC 01 02:18:02.6+0.9, 3:85S:0:2:99:7E:0:2, h35km, n16, r=873/11, mb3.9/9, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr 22.09 358 P, H0S2 Diego Garcia H 27.30 261 T, H0S3 Diego Garcia H 27.30 261 T, etc.

IDD 01 02:23:59.8+2.2, 3:90S:99:63E, h0km, mb3.7/2, mb1 3.9/7, mb1mx3.6/45, mbtmp3.7/7, Error ellipse: s-maj=91.9km s-min=20.6km az=55.0

ISCJB 01 02:24:03.4+1.9, 3:85S:0:3:99:8E:0:4, h33km, mb3.7/7, Error ellipse: s-maj=74.7km s-min=17.0km az=146.1

ISC 01 02:24:05.2+2.1, 3:85S:0:3:99:8E:0:5, h35km, n11, r=054/38, mb3.6/7, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr 22.16 358 P, H0S2 Diego Garcia H 27.39 261 T, H0S3 Diego Garcia H 27.39 261 T, etc.

IDD 01 02:44:55.9+0.9, 2:63N:144:62E, h0km, mb3.9/13, mb1 4.1/15, mb1mx4.0/32, mbtmp3.9/15, ML3.6/2, MS3.0/6, Ms1 3.1/6, ms1mx2.7/37, Error ellipse: s-maj=29.7km s-min=19.7km az=75.0

NEIC 01 02:44:57.5+0.5, 2:63N:144:55E, h10km, mb4.3/2, Error ellipse: s-maj=14.7km s-min=8.7km az=69.0

ISCJB 01 02:44:59.0+0.6, 2:63N:144:55E:0:09, h33km, mb3.9/14, MS3.1/5, Error ellipse: s-maj=14.6km s-min=9.5km az=37.9

ISC 01 02:45:01.4+0.9, 2:64N:0:1:144:5E:0:11, h35km, n26, r=097/21, mb4.1/14, MS3.1/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJU Chichi jima 2.21 289 Op, MJAR Matsushiro Arr 11.47 334 Pn, MAJU Matsushiro 11.47 334 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam 51.40 319 P, MKAR Makanchi Array 52.54 310 P, DZM Mount Dzumac 52.64 154 LR, etc.

IDD 01 03:00:11.0+1.0, 1.6:20S:150:25E, h0km, mb3.9/5, mb1 4.3/6, mb1mx3.9/24, mbtmp4.0/6, ML2.3/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/22, Error ellipse: s-maj=36.9km s-min=21.2km az=132.0

ISCJB 01 03:00:15.7+1.0, 1.6:35S:0:2:150:2E:0:2, h48km, mb3.8/4, MS2.9/1, Error ellipse: s-maj=31.3km s-min=10.9km az=138.3

ISC 01 03:00:17.4+1.0, 1.6:35S:0:2:150:2E:0:2, h48km, n9, r=0878/9, mb3.8/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby 4.33 224 Pn, WRA Warrungarra Arr 20.55 227 P, DZM Mont Dzumac 22.16 137 P, etc.

ISCJB 01 03:42:43.2+0.7, 10:89N:0:08:61:88W:0:04, h74km, 8km, Error ellipse: s-maj=13.1km s-min=6.3km az=163.8

FUNV Funfing Arr 14.51 23 Pn, TRN 01 03:42:47.1, 11:18N:61:63W, h3km, MD3.1

ISC 01 03:42:44.1, 1.5, 10:90N:0:07:61:87W:0:04, h69km, 12km, n14, r=0877/19, Trinidad

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUIV Guiria 0.42 234 Op, TRN Trinidad (W) 0.52 118 Op, TRN 0.52 118 Op, etc.

ISN 01 03:51:08.5+1.7, 3:36N:144:19E, h0km, 3km, ML3.2

DDA 01 03:51:39.8, 36:11N:43:26E, h5km, MD3.1, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSL Mosul 0.31 337 Op, IKRK Kirkuk 1.13 129 Op, SIRD S-rnak 1.54 334 P, etc.

MEX 01 04:09:37.1+0.4, 16:42N:98:10W, h40km, 4km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa 1.04 229 iP, TLIG Tlapa 2.02 123 iS, HUIG Huatulco 2.02 108 iP, etc.

IDD 01 04:14:07.4+1.5, 3:87S:99:89E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.6/28, mbtmp3.6/7, Error ellipse: s-maj=60.0km s-min=21.0km az=53.0, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr 22.21 358 P, H0S2 Diego Garcia H 27.52 261 T, H0S3 Diego Garcia H 27.52 261 T, etc.

SJA 01 04:15:25.3+0.5, 24:19S:67:14W, h200km, 6km, ML2.9

1d 5h

2010 NOV

Table with columns: Station, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like Changchun, Kunming, Beijing, Xi'an, Chengdu, etc.

Table with columns: Station, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like Taravao, Tubuai, Lanzhou, Mehetia, etc.

Table with columns: Station, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like Makanchi Array, Makanchi, Zalesovo Array, etc.

baz=93	K04D	Chiloquin, OR	92.76	48	P	P	05 29 48.3	+0.7	NEW Newport	96.43	42	P	P	05 30 05.1	+1.0	J27A	Elkhorn Farm,	107.22	47	PKIKP	PKIKP	05 35 02.8	+1.2	
baz=93	A04D	Lummi Island	92.76	41	P	P	05 29 49.1	+1.9	NEW Newport	96.43	42	eP	P	05 30 01.7	-2.4	T27A	Campo	107.36	53	PKIKP	PKIKP	05 35 03.0	+1.0	
baz=93	J05D	Fort Rock, OR	93.20	47	P	P	05 29 50.2	+0.6	SHOC Shoshone	96.46	55	P	P	05 30 05.4	+0.8	ARAO	ARCESS Array S	107.64	342	ePKIKP	PKIKP	05 35 01.2	-0.2	
baz=93	I05D	Terrebonne, OR	93.23	46	P	P	05 29 50.8	+1.2	TPNV Topopah Spring	96.54	54	eP	pmax	05 30 06.1	+1.0	ARCES	ARCESS Array B	107.64	342	PKIKP	PKIKP	05 35 01.2	-0.2	
baz=93	CMB	Columbia Colle	93.34	52	eP	pmax	05 29 51.0	+0.7	TPNV	comp=Z,122nm,2.8s	96.54	54	eP	pmax	05 30 06.1	+1.0	F28A	McLaughlin	107.69	44	PKIKP	PKIKP	05 35 03.2	+0.9
comp=Z,1.0Onm,0.9s	CMB								TPNV	comp=Z,19nm,1.0s						H28A	Mission Ridge	107.72	45	PKIKP	PKIKP	05 35 03.6	+1.2	
comp=Z,2.0um,19.0s	CMB	Columbia Colle	93.34	52	eP	P	05 29 51.0	+0.7	TPNV	comp=Z,2.0um,19.0s	96.54	54	P	P	05 30 05.6	+0.5	G28A	Parade	107.73	45	PKIKP	PKIKP	05 35 03.3	+0.9
	CMB								TPNV	comp=Z,19nm,1.0s	96.54	54	eP	P	05 30 06.1	+1.0	J28A	Allard Ranch,	107.75	47	PKIKP	PKIKP	05 35 03.9	+1.4
	CMB								TPNV	comp=Z,2.0um,19.0s						T28A	Walsh	107.83	53	PKIKP	PKIKP	05 35 03.9	+1.0	
comp=Z,2.0um,19.0s	K05A	Summer Lake	93.40	48	eP	P	05 29 51.7	+1.1	BELC Belle Mtn. Jos	96.58	57	P	P	05 30 06.1	+0.8	Q28A	Sharon Springs	107.86	51	PKIKP	PKIKP	05 35 04.1	+1.2	
comp=Z,363nm,3.0s	PKM	Peak Mountain	93.50	55	P	P	05 29 52.4	+1.2	SWSC Sam W. Stewart	96.69	58	P	P	05 30 06.6	+1.0	N28A	Pribbeno Ranch	107.89	49	PKIKP	PKIKP	05 35 04.2	+1.3	
baz=94	SBC	Santa Barbara	93.55	56	P	P	05 29 52.7	+1.5	TUQ Turquoise Moun	96.72	55	P	P	05 30 06.8	+0.9	Z28A	Tucker Farm, M	107.94	57	PKIKP	PKIKP	05 35 03.9	+0.7	
baz=94	BSC	Santa Cruz Isl	93.57	56	P	P	05 29 52.4	+1.0	GMRC Granite Mounta	96.91	56	P	P	05 30 07.5	+0.7	S28A	Manter	107.96	53	PKIKP	PKIKP	05 35 04.2	+1.0	
baz=94	SNCC	San Nicolas Is	93.59	57	P	P	05 29 52.9	+1.5	BC3 Big Cluckwall	97.02	57	P	Pdf	05 30 08.6	+1.2	J29A	Okreck	108.41	46	PKIKP	PKIKP	05 35 04.8	+1.1	
baz=94	SNCC	San Nicolas Is	93.59	57	eP	P	05 29 53.2	+1.7	R17A Troy Canyon, C	97.13	52	P	Pdf	05 30 08.5	+0.6	M29A	Burnside Ranch	108.43	49	PKIKP	PKIKP	05 35 05.2	+1.3	
comp=Z,1.17nm,1.0s	MOD	Modoc	93.76	48	eP	P	05 29 52.9	+0.7	R11A Iron Mountain	97.13	52	eP	Pdf	05 30 08.6	+0.7	V29A	Stinnett	108.43	54	PKIKP	PKIKP	05 35 04.9	+0.9	
comp=Z,16nm,1.1s	MOD								IRM	comp=Z,1.17nm,1.0s	97.30	56	P	Pdf	05 30 09.7	+1.2	O29A	4D Ranch, Culb	108.52	50	PKIKP	PKIKP	05 35 05.4	+1.3
comp=Z,2.0um,19.0s	BLG	Laguna Peak	94.05	56	P	P	05 29 54.8	+1.2	SHPR Sheep Range	97.39	54	eP	Pdf	05 30 10.2	+1.2	429A	Davenport Parc	108.53	60	PKIKP	PKIKP	05 35 05.2	+0.9	
baz=94	VES	Vestal, Richgr	94.18	55	P	P	05 29 54.7	+0.6	ELK Elko	97.50	50	P	Pdf	05 30 10.0	+0.5	OBN	Obrnink	108.69	326	eP	Pdf	05 31 07.9	+9.4	
baz=94	ARVC	Arvin	94.33	55	P	P	05 29 55.8	+1.0	ELK Elko	97.50	50	eP	pmax	05 30 10.0	+0.5	OBN								
baz=94	I07A	Ize	94.53	46	eP	P	05 29 56.2	+0.5	ELK Elko	97.50	50	eP	Pdf	05 30 10.0	+0.5	D30A	Buchanan	108.86	42	PKIKP	PKIKP	05 35 05.8	+1.4	
comp=Z,20nm,1.4s	CIS	Catalina Islan	94.54	57	P	P	05 29 56.5	+0.6	GLA Glamis	97.51	58	P	Pdf	05 30 10.0	+0.5	P30A	Selden	109.02	50	PKIKP	PKIKP	05 35 06.0	+1.0	
baz=95	FMP	Fort Macarthur	94.66	57	P	P	05 29 57.4	+1.1	Y12C Blythe	97.80	57	P	Pdf	05 30 12.0	+1.4	J30A	Dallas	109.02	46	PKIKP	PKIKP	05 35 05.7	+0.8	
baz=95	ISA	Isabella	94.66	55	eP	pmax	05 29 57.4	+0.9	YKA Yellowknife Ar	97.98	28	P	Pdf	05 30 10.7	0.0	U30A	WVK Inc. Balk	109.06	54	PKIKP	PKIKP	05 35 06.5	+1.3	
comp=Z,43nm,1.7s	ISA								PDMCI Parker Dam,Lak	98.14	56	P	Pdf	05 30 13.3	+1.1	S30A	Montezuma	109.09	52	PKIKP	PKIKP	05 35 06.3	+1.1	
comp=Z,2.0um,21.0s	ISA	Isabella	94.66	55	P	P	05 29 56.6	+0.2	HLID Hailey	98.18	47	P	Pdf	05 30 13.2	+0.8	430A	Baggett Ranch	109.09	60	PKIKP	PKIKP	05 35 06.4	+1.0	
baz=95	ISA	Isabella	94.66	55	eP	P	05 29 57.4	+0.9	HLID Hailey	98.18	47	eP	Pdf	05 30 13.4	+1.9	X30A	Coker Ranch, T	109.09	56	PKIKP	PKIKP	05 35 06.3	+1.0	
comp=Z,43nm,1.7s	ISA								HLID	comp=Z,49nm,2.5s						R30A	Dighton	109.16	52	PKIKP	PKIKP	05 35 06.4	+1.1	
comp=Z,2.0um,21.0s	DECC	Green Verdugo	94.67	56	P	P	05 29 57.1	+0.7	MSO Missoula	98.55	44	Pdf	Pdf	05 30 14.8	+0.9	C31A	Landman Farms,	109.40	42	PKIKP	PKIKP	05 35 06.8	+1.4	
baz=95	MTUM	Tungsten Hills	94.72	53	eP	P	05 29 57.9	+1.1	CCUT Cedar City	98.86	53	eP	Pdf	05 30 17.2	+1.6	CBKS	Cedar Bluff	109.51	51	PKIKP	PKIKP	05 35 07.2	+1.3	
baz=95	PASC	Pasadena Art C	94.78	56	eP	P	05 29 58.6	+1.7	214A Organ Pipe Nat	99.17	59	Pdf	Pdf	05 30 17.7	+0.8	431A	Sonora	109.63	60	PKIKP	PKIKP	05 35 07.2	+0.2	
comp=Z,42nm,0.9s	MWC	Mount Wilson	94.89	56	eP	pmax	05 29 59.1	+1.4	DUG Dugway	99.33	50	eP	pmax	05 30 19.2	+1.6	331A	San Angelo	109.74	59	PKIKP	PKIKP	05 35 07.4	+0.8	
comp=Z,65nm,0.9s	MWC							DUG	comp=Z,3.0nm,0.8s	99.33	50	Pdf	Pdf	05 30 18.4	+0.9	631A	Perdido Creek	109.75	61	PKIKP	PKIKP	05 35 07.5	+0.9	
comp=Z,1.0um,20.0s	MWC	Mount Wilson	94.89	56	eP	P	05 29 59.1	+1.4	DUG	baz=99	99.33	50	eP	Pdf	05 30 19.2	+1.6	W31A	Holland Ranch,	109.78	55	PKIKP	PKIKP	05 35 07.8	+1.3
comp=Z,65nm,0.9s	MWC							HVU	comp=Z,3.3nm,0.8s	99.37	49	eP	pmax	05 30 18.8	+1.1	X31A	McDonald Ranch	109.81	56	PKIKP	PKIKP	05 35 07.4	+0.8	
comp=Z,1.0um,20.0s	TIN	Tinemaha	94.97	53	P	P	05 29 59.0	+1.1	HVU	comp=Z,6.0nm,1.0s	99.37	49	eP	Pdf	05 30 18.8	+1.1	B32A	Ashes, Strandq	110.05	41	PKIKP	PKIKP	05 35 06.9	+0.3
baz=95	EDW2	Edwards Air Fo	95.00	56	P	P	05 29 58.6	+0.6	NLU North Lily Min	99.90	51	eP	Pdf	05 30 19.8	-0.3	P32A	Hutting Farm,	110.27	50	PKIKP	PKIKP	05 35 08.7	+1.5	
baz=95	G08A	Pilot Rock	95.00	45	eP	P	05 29 58.6	+0.8	NLU	comp=Z,1.0um,20.0s						H32A	Carlson Farm,	110.27	45	PKIKP	PKIKP	05 35 08.0	+0.9	
comp=Z,25nm,1.6s	NV01	Mina Array Sit	95.01	52	eP	P	05 29 59.1	+1.0	SNAASNAAS	100.12	188	P	Pdf	05 30 19.3	-1.1	JCT	Millersview	110.32	59	PKIKP	PKIKP	05 35 08.2	+0.6	
comp=Z,1.1nm,0.7s, baz=252,slow=7.0,SNR=88	NVAR	Mina Array Bea	95.01	52	eP	P	05 29 59.1	+1.0	SNAASNAAS	100.12	188	eP	Pdf	05 30 19.2	-1.1	832A	Faith Ranch, C	110.35	62	PKIKP	PKIKP	05 35 09.1	+1.4	
comp=Z,2.0um,18.4s, baz=270,slow=93	NVAR						06 08 56.9		SNAASNAAS	100.12	188	eP	Pdf	05 30 19.2	-1.1	Z32A	Basckell	110.36	57	PKIKP	PKIKP	05 35 08.8	+1.1	
baz=95	ABKAR	Abkulak array	95.03	319	eP	P	05 29 58.6	-0.8	BOZ Bozeman (W)	100.17	45	Pdf	Pdf	05 30 21.9	+0.8	Q32A	Meitler Ranch,	110.39	51	PKIKP	PKIKP	05 35 08.5	+0.9	
baz=95	WVOR	Wild Horse Val	95.04	48	eP	pmax	05 29 58.5	+0.4	HWUT Hardware Ranch	100.28	49	eP	Pdf	05 30 21.9	+0.1	632A	Uvalde	110.43	61	PKIKP	PKIKP	05 35 09.2	+1.3	
baz=95	WVOR	Wild Horse Val	95.04	48	eP	pmax	05 29 58.5	+0.4	O16A Springville	100.34	50	PFAKE	Pdf	05 30 21.9	+0.1	F32A	Arapaho	110.45	54	PKIKP	PKIKP	05 35 08.6	+0.8	
comp=Z,15nm,1.4s	WVOR	Wild Horse Val	95.04	48	eP	P	05 29 58.5	+0.4	O16A	comp=Z,1.0um,20.0s						F33A	5 Mile Ranch,	110.79	43	PKIKP	PKIKP	05 35 08.8	+0.7	
comp=Z,15nm,1.4s	CWC	Cottonwood Cre	95.04	54	P	P	05 29 58.6	+0.3	WUAZ Wupatki	100.44	55	Pdf	Pdf	05 30 23.9	+1.3	G33A	Ortonville	110.83	44	PKIKP	PKIKP	05 35 08.9	+0.8	
baz=95,SNR=8.1	J08A	Circle Bar Ran	95.22	47	eP	P	05 29 59.4	+0.6	WUAZ Wupatki	100.44	55	eP	Pdf	05 30 24.8	+2.2	833A	Chaparral WMA,	110.86	62	PKIKP	PKIKP	05 35 09.8	+1.1	
comp=Z,5.7nm,0.8s	BFSO	Mount Baldy Ra	95.22	56	P	P	05 29 59.8	+0.6	TUC Tucson	100.90	58	eP	MLR	05 30 27.1	+2.5	133A	Hamilton Ranch	110.90	58	PKIKP	PKIKP	05 35 09.4	+0.7	
baz=95,SNR=9.5	LRMC	Laurel Mountai	95.29	55	P	P	05 30 00.3	+1.0	TUC Tucson	100.90	58	eP	Pdf	05 30 27.1	+2.5	433A	Art	110.93	60	PKIKP	PKIKP	05 35 09.6	+0.8	
baz=95,SNR=25	DAC	Darwin (Calif)	95.42	54	eP	pmax	05 30 00.0	0.0	P17A Butcher Ranch,	100.93	51	PFAKE	LR	05 30 40.0	+1.5	Q33A	Connelly Farm,	110.95	51	PKIKP	PKIKP	05 35 09.4	+0.8	
comp=Z,120nm,2.0s	DAC							H17A Grant Village	100.95	46	Pdf	Pdf	05 30 25.9	+1.1	333A	Richland Sprin	110.97	59	PKIKP	PKIKP	05 35 09.8	+0.9		
comp=Z,2.0um,20.0s	DAC	Darwin (Calif)	95.42	5																				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, MALT Malatya, SVRC Sivrice-ELAZID, PTK Pertek, AKCD Akcadag, MAZI Mazidag.

DDA 01 05:31:26.0, 38.00N:29.02E, h7km, Md2.6
ISC/JB 01 05:31:26.2, 0.7, 38.01N:0.04:29.01E, 0.04, h13km, 7km,
Error ellipse: s-maj=6.9km s-min=5.9km az=168.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UZP Denizli, UZP Cakiroluk, DNZL Cakiroluk, KHAL Karahalli, KULA Kula-Manisa, AYDB Zeytinkoy-Aydi.

GEN 01 05:32:39.4, 45.14N:6.48E, h0km, ML1.4
LDG 01 05:32:40.3, 0.1, 45.13N:6.54E, h2km, Md2.1/3, Md2.1/8,
Error ellipse: s-maj=2.2km s-min=1.3km az=94.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPG La Plagne, LPL La Plagne, OG22 Abries, MBDF Montbardon, ORIF Oris-en-Rattie, RSP Reno Supérieure, BHB Bricherasio, PZZ Stroppo, VIVF Saint-Julien-l, SMRF Simiane la Rot, SBF Sospel, CABF La Chapelle, FRF La Foret Royal, LMR La Moure, SMF Signal de Mont, HAU Hautompere, GYA Guitang.

CSEM 01 05:33:24.3, 45.12N:6.54E, h2km, ML1.8/1, After LDG
LDG 01 05:33:24.3, 0.1, 45.12N:6.54E, h2km, Md1.7/3, Md1.8/1,
Error ellipse: s-maj=1.8km s-min=1.0km az=120.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPG La Plagne, MBDF Montbardon, ORIF Oris-en-Rattie, SMRF Simiane la Rot.

CSEM 01 05:33:48.3, 42.53N:13.22E, h10km, MD1.3/6, After ROM
ROM 01 05:33:48.3, 0.2, 42.53N:13.22E, h10km, 1km, MD1.3/6,
M11.5/4, Error ellipse: s-maj=2.2km s-min=1.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RM33 Pellescritta, RM32 Poggio Cancell, SMA1 SAN MARTINO, SMA1 SAN MARTINO, CAMP Campotosto, LNSS Leonessa, NRCA Norcia.

IDC 01 05:34:13.9, 4.4, 5.75S:149.52E, h0km, mb3.3/2,
mb1 3.7/3, mb1mx3.5/2.1, mbtmp3.5/3, ML1.7/1, Error
ellipse: s-maj=182.7km s-min=42.3km az=113.0, New
Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TOR Torodi Arr, IDC 01 05:41:04.0, 4.7, 6.51S:150.40E, h0km, mb4.2/1/1, NEIC 01 05:41:05.0, 0.5, 6.56S:150.50E, h10km, mb4.7/8, Error ellipse: s-maj=14.6km s-min=8.9km az=101.0, BUI 01 05:41:07.6, 6.37S:150.54E, h13km, mb4.7/2.1, mB5.3/9, Ms4.9/7, Ms7.4/5/7, ISC/JB 01 05:41:08.6, 0.4, 6.66S:0.04:150.41E, 0.07, h33km, mb4.3/1.1, Error ellipse: s-maj=9.8km s-min=6.2km az=13.1, DJA 01 05:41:12.7, 4.4, 7.1S:13.13:15.0E, h15.3km, mb3.1km, M4.9/7, mb4.6/7, mB5.4/1, MLV5.0/1, MW(mB)4.8/1, ISC 01 05:41:10.5, 0.5, 6.69S:0.05:150.53E, 0.08, h33km, n50, a191/62, mb4.2/16, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, MANU Charters Tower, CTAO Charters Tower, EIDS Eidsvold, FAKI Fak Fak, MTN Manton Dam, WRAB Tennant Creek, WRA Warramunga Arr, DZM Mont Dzumac, ASO1 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ARMA Armidale, MJAR Matsushiro Arr, QIZ Qiongzhong, YSK Ussuriysk Arr, GYA Guitang, GYA Guitang, GYA Guitang.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MDJ Mudanjiang, CN2 Chanchung, CN2 10.0nm, 1.2s, CN2 360nm, 8.0s, CN2 560nm, 17.0s, CN2 380nm, 17.0s, CN2 230nm, 19.0s, KMI Kunming, BJI Beijing, CD2 Chengdu, HHC Hu-ho-hao-te, HHC 29nm, 1.1s, HHC 580nm, 7.2s, LZH Lanzhou, LZH 20nm, 1.3s, LZH 95nm, 7.2s, LZH 410nm, 15.6s, LZH 390nm, 16.0s, LZH 500nm, 18.7s, GTA Gaotai, SONAO Songino Array, SONM Songino Array, SONAI Songino Array, VNSA Vanigo Array, WMQ Urumqi, WMQ 7.0nm, 1.0s, WMQ 390nm, 6.5s, WMQ 150nm, 21.0s, WMQ 90nm, 19.0s, MK32 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, KSH Kashi, MAW Mawson, QSPA South Pole Qui, ILAR Eielson Array, ILB Eielson Array, BVAR Borovoye Array, NV01 Mina Array Sit, NVAR Mina Array Bea, F10A Beach Ranch, GERES GERES Array B, TOR Torodi Arr, TOA1 Torodi Arr, BDFB Brasilia.

IDC 01 05:45:09.2, 3.5, 6.10S:150.19E, h0km, mb4.1/2,
mb1 4.5/3, mb1mx3.8/2.9, mbtmp4.3/3, ML3.3/1, Error
ellipse: s-maj=130.9km s-min=41.2km az=119.0, New
Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, QSPA South Pole Qui, ILAR Eielson Array, ILB Eielson Array, BVAR Borovoye Array, NV01 Mina Array Sit, NVAR Mina Array Bea, F10A Beach Ranch, GERES GERES Array B, TOR Torodi Arr, TOA1 Torodi Arr, BDFB Brasilia, MAN 01 06:02:41, 10.20N:126.18E, h0km, mb4.4, ML3.2, MS3.1, 1D, Philippine Islands region, SCPH Surigao, MSLP Maasin, PLP Palo, PLIG Musuan, PAGZ Pagadian, MEX 01 06:08:10.6, 0.5, 16.85N:99.31W, h16km, 999km, MD3.9, Near coast of Guerrero, CAIG El Cayaco, TLIG Tiapa, MEIG Mezcala, PNIG Pinotepa, PNIG Matsushiro, PLIG Platanillo, ARIG Puento Sto Nin, YAIG Yautepac, ZIIG Zihuatanejo.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAN 01 06:02:41, 10.20N:126.18E, h0km, mb4.4, ML3.2, MS3.1, 1D, Philippine Islands region, SCPH Surigao, MSLP Maasin, PLP Palo, PLIG Musuan, PAGZ Pagadian, MEX 01 06:08:10.6, 0.5, 16.85N:99.31W, h16km, 999km, MD3.9, Near coast of Guerrero, CAIG El Cayaco, TLIG Tiapa, MEIG Mezcala, PNIG Pinotepa, PNIG Matsushiro, PLIG Platanillo, ARIG Puento Sto Nin, YAIG Yautepac, ZIIG Zihuatanejo, DDA 01 06:16:58.9, 38.70N:39.91E, h8km, Md2.8, CSEM 01 06:16:58.7, 0.4, 38.68N:39.95E, h2km, MD3.0, Error ellipse: s-maj=9.0km s-min=7.8km az=93.0, ISK 01 06:16:58.9, 38.73N:39.94E, h11km, MD3.0

1d 6h

ISC 01 06:16:59.4:1.1, 38.70N:0'03.39'93E:0'03, h11km, ±11km, n27, c078/41, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like Pertek, Sivrice-ELAZID, Diyarbakir, Elazig, etc.

WEL 01 06:17:19.2:0.1, 42.48S:172.96E, h12km, ML3.6/19, 2C-3D, Error ellipse: s-maj=1.5km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like Kahutara, Lake Taylor, Tophouse, Blackbirch Sta, etc.

ISCJB 01 06:19:55.0:1.1, 43.165S:172.41E, h0km, mb3.8/3, MS3.7/2, Error ellipse: s-maj=10.3km s-min=4.1km az=136.8

IDC 01 06:19:55.0:1.1, 43.165S:172.41E, h0km, mb3.8/3, mb1.4/0.4, mb1mx3.6/27, mbtmp3.8/4, ML3.9/1, MS3.6/3, Ms1.3.6/3, ms1mx3.1/23, Error ellipse: s-maj=30.5km s-min=12.6km az=164.0

NEIC 01 06:19:55.7, 43'16"S:172.40E, h5km, ML4.6(WEL), After WEL

NEIC Fell in much of Canterbury. WEL 01 06:19:55.8:0.1, 43.165S:172.40E, h5km, ML4.6/48, Error ellipse: s-maj=1.1km s-min=0.9km az=0.0

WEL Fell in the Canterbury region, maximum reported intensity MM 6.

ISC 01 06:19:55.6:0.8, 43.358S:172.47E:0'04, h16km, 5km, n104, c1921/87, mb3.7/3, 1C-1D, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like Canterbury Las, Canterbury Las, etc.

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Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like McQueen's Vall, Oxford, Lake Taylor, etc.

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

MEX 01 06:32:44.3:0.3, 32.110N:115.08W, h15km, MD3.6

ISCJB 01 06:32:45.0:0.6, 32.23N:104.115:26W:0.04, h22km, 6km, Error ellipse: s-maj=6.4km s-min=6.1km az=41.5

ECX 01 06:32:46.4:0.5, 32.20N:115.25W, h6km, MD2.2 ML2.4

ISC 01 06:32:44.9:1.0, 32.23N:104.115:25W:0.04, h24km, 8km, n15, c054/23, 5C-5D, California-Baja California border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like Mexicali, Cerro Prieto, East Mesa, etc.

ISCJB 01 06:37:44.8:0.5, 3.37N:104.128:41E:0.04, h35km, mb4.2/14, MS2.9/1, Error ellipse: s-maj=6.4km

NEIC 01 06:37:47.3:0.3, 3.31N:128.57E, h44km, 26km, mb4.5/3, Error ellipse: s-maj=32.6km s-min=11.8km az=67.0

IDC 01 06:37:48.4:3.4, 3.26N:128.41E, h52km, 34km, mb3.9/11, mb1.4/0.12, mb1mx3.7/45, mbtmp4.1/12, ML3.7/1, MS3.1/2, Ms1.3.1/2, ms1mx2.7/33, Error ellipse: s-maj=37.8km s-min=14.6km az=70.0

DJA 01 06:37:50.5:0.7, 3°N:5°12'E, h10km, M4.8/16, mb4.7/16, mb5.7/5, ML4.5/6, Mw(mb)5.2/5, Mwep6.2/1

AUST 01 06:37:40.3, 0°50'S:127°50'E, h300km

ISC 01 06:37:46.9:0.6, 3.32N:106.128:38E:0.06, h35km, n49, c1931/42, mb4.3/14, North of Halmahera

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like Ternate, Sangihe, Sorong, etc.

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

IDC 01 08:10:12.3.1.6, 211'S, 152.38E, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.9/50, mbmp4.0/7, Error ellipse: s-maj=51.9km s-min=22.4km az=116.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI, H11S3, H11S2, etc.

IDC 01 08:14:51.5.4.5, 84S, 153.60E, h97km, 45km, mb3.6/6, mb1 3.7/7, mb1mx3.5/26, mbmp3.9/7, Error ellipse: s-maj=39.0km s-min=24.9km az=22.0

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

IDC 01 08:25:04.8.2.2, 18.87S, 178.29W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.8/17, mbmp3.7/4, Error ellipse: s-maj=135.2km s-min=28.7km az=154.0, Fiji Islands region

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

GUC 01 08:25:22.0.0.6, 35.09S, 72.78W, h35km, 4km, ML3.9, 2C-2D, Near coast of central Chile

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

CSEM 01 09:03:51.2.0.5, 37.98N, 35.83E, h2km, MD2.7, Error ellipse: s-maj=15.1km s-min=6.0km az=141.0

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

IDC 01 09:15:32.2.0.7, 101.17N, 126.19E, h0km, mb4.0/13, mb1 4.2/14, mb1mx3.9/50, mbmp4.1/14, MSJ3.0/3, Ms1 3.1/3, ms1mx2.6/34, Error ellipse: s-maj=33.1km s-min=13.9km az=80.0

NEIC 01 09:15:33.5.0.6, 10.24N, 126.10E, h10km, mb4.4/1, Error ellipse: s-maj=29.1km s-min=9.3km az=78.0

ISC/JB 01 09:15:36.8.0.4, 10.23N, 0.04, 126.41E, 0.05, h42km, mb4.0/14, MS2.8/2, Error ellipse: s-maj=7.2km s-min=5.2km az=147.5

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

IDC 01 09:17:01.8.13.0, 5.701N, 125.91E, h61km, 1km, Error ellipse: s-maj=3.3km s-min=1.6km az=278.0

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

ISC/JB 01 09:24:01.5.0.4, 0.12S, 0.03, 123.37E, 0.03, h100km, mb3.8/6, Error ellipse: s-maj=5.0km s-min=3.6km az=160.1

DJA 01 09:24:02.9.0.3, 0.3S, 121.3E, h76km, 6km, M4.6/16, mb4.8/8, mb4.8/3, MLv4.5/6, MLv4.6/16, Mw(mlb4.0/3, IDC 01 09:24:02.3.2.1, 0.09S, 123.36E, h95km, 19km, mb3.6/6, mb1 3.9/9, mb1mx3.6/35, mbmp4.1/9, Error ellipse: s-maj=19.8km s-min=15.7km az=83.0

AUST 01 09:24:02.0.0.5, 0.11S, 123.41E, h93km, Error ellipse: s-maj=1.5km s-min=1.0km az=34.0

ISC 01 09:24:02.7.0.6, 0.07S, 0.05, 123.37E, 0.04, h100km, n38, r1943/52, mb4.0/6, Minahasa Peninsula, Sulawesi

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

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

ISC 01 09:22:55.2.0.8, 67.19N, 0.04, 20.80E, 0.04, h0km, n28, r154/39, Sweden

MOR8 01 09:22:58.8.4.4, 67.26N, 20.81E, h0km, ML2.2, Error ellipse: s-maj=15.7km s-min=6.7km az=119.0

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

ISC 01 09:24:02.3.2.1, 0.09S, 123.36E, h95km, 19km, mb3.6/6, mb1 3.9/9, mb1mx3.6/35, mbmp4.1/9, Error ellipse: s-maj=19.8km s-min=15.7km az=83.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIAO, FINES, NB2, etc.

ISC 01 09:24:02.3.2.1, 0.09S, 123.36E, h95km, 19km, mb3.6/6, mb1 3.9/9, mb1mx3.6/35, mbmp4.1/9, Error ellipse: s-maj=19.8km s-min=15.7km az=83.0

AUST 01 09:24:02.0.0.5, 0.11S, 123.41E, h93km, Error ellipse: s-maj=1.5km s-min=1.0km az=34.0

ISC 01 09:24:02.7.0.6, 0.07S, 0.05, 123.37E, 0.04, h100km, n38, r1943/52, mb4.0/6, Minahasa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AAI Ambon, KAPI Kappang, BAKI Bulukumba, etc.

GCMT 01 09:38:08.0-0.4, 24°52'S, 112°01'W, h21km, 2km, MW4.9/62, Moment Tensor Solution. s13,c15; s62,c87; Duration: 0 Moment tensor: Scale 101N/m.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RKT Rikitea, TBI Tubuai, TVO Taravao, etc.

SKHL 01 09:49:50.9-1.3, 45°08'N, 137°37'E, h324km, 8km, mb4.3/10, msH4.6/2

ISCJB 01 09:49:51.4-0.2, 45°13'N, 137°37'E, h320km, mb3.9/28, Error ellipse: s-maj=4.3km s-min=3.1km az=18.7.

MOS 01 09:49:51.3-1.1, 45°15'N, 137°39'E, h329km, mb4.0/17, Error ellipse: s-maj=10.5km s-min=6.3km az=103.6

JMA 01 09:49:52.0-0.3, 44°30'N, 137°43'E, h342km, M3.7, IDC 01 09:49:52.0-0.7, 45°10'N, 137°42'E, h328km, 8km, mb3.5/19, mb1.3/26, mb1ms=8/36, mbmp4=2/26, Error ellipse: s-maj=10.7km s-min=8.4km az=172.0

ISC 01 09:49:52.1-0.5, 45°12'N, 137°37'E, h320km, n131, s192/151, mb3.9/28, 17C-7D, Primorye

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TEY Ternei, JSH Shikoku, JWK Keihoku, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VLA Vladivostok, JOT Ohata, JTKR Abashiri-Tokio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, AKTO Aktyubinsk, ARCES ACCESS Array B, etc.

CSEM 01 09:55:04.3, 39°97'N, 31°71'E, h7km, MD2.7, Turkey DDA 01 09:55:04.3, 39°97'N, 31°71'E, h7km, MD2.7, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AUMH MIHALICIK, AUMH Eskisehir, etc.

TRN 01 09:58:46.3, 16.89N-60.90W, h30km, MD3.7, M4.1(FDF), Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BPA Bogy Peak, BPA Bogy Peak, SSG Sans Toucher, etc.

ISCJB 01 10:16:44.0-0.7, 5°21'S, 107°147'E, h100km, mb3.8/8, Error ellipse: s-maj=17.1km s-min=8.5km az=14.8

IDC 01 10:16:47.2±1.7, 5.58S; 147.37E, h128km, 17km, mb3.7/8, mb1.4/0.10, mb1mx3.7/3.1, mbtmp4.2/1.0, Error ellipse: s-maj=29.4km s-min=9.9km az=110.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Port Moresby, Rabaul, Coen, MTSU, etc.

IDC 01 10:30:17.9±99.0, 5.6°S; 150.33°E, h0km, Error ellipse: s-maj=1007.0km s-min=49.6km az=85.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DUBNA INFRASON, AKTYUBINSK, etc.

ISCJB 01 11:03:48.8±1.1, 24.23°N; 0.09±125.31°E, h47km, 8km, mb3.6/6, Error ellipse: s-maj=16.3km s-min=5.6km az=151.5

IDC 01 11:03:48.5±1.2, 24.68°N; 124.83°E, h0km, mb3.7/6, mb1.3/8.7, mb1mx3.6/3.1, mbtmp3.7/7.7, ML3.8/1, MS3.0/1, MS1.3/0.1, ms1mx2.4/3.1, Error ellipse: s-maj=54.6km s-min=21.9km az=67.0

JMA 01 11:03:49.0±0.2, 24.22°N; 125.32°E, h4km, M3.5, ISC 01 11:03:48.6±2.2, 24.22°N; 0.09±125.33°E, h29km, 14km, n21, c=57/26, mb3.7/6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Miyako jima, Irabujima, Ikemajima, etc.

PGC 01 11:19:50.1±0.1, 53.05°N; 133.33°W, h20km, ML3.8/5, 103km west of Sandspit, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region

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

Table with columns: VIB, Van Inlet, DIB, Dawson Inlet, MOCB, Moresby Island, etc.

ISCJB 01 11:26:26.6±0.5, 16.40°N; 0.05±94.46°W, 0.03, h84km, 7km, mb4.0/2, Error ellipse: s-maj=8.6km s-min=4.9km az=12.3

IDC 01 11:26:28.8±1.5, 16.67°N; 94.25°W, h94km, 10km, mb4.0/2, mb1.3/9.5, mb1mx3.4/3.6, mbtmp4.1/5, Error ellipse: s-maj=31.3km s-min=17.9km az=178.0

MEX 01 11:26:28.6±0.7, 16.50°N; 94.47°W, h80km, 20km, MD4.4, NEIC 01 11:26:28.6, 16.50°N; 94.47°W, h80km, MD4.4 (MEX), After MEX

ISC 01 11:26:27.3±0.8, 16.47°N; 0.05±94.43°W, 0.03, h96km, 9km, n78, c183/88, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Matias Romero, TGIG, etc.

JTS JuntasAbangare 11:07 122 P 11 29 02.3 -0.5

034A Hebronville 11:26 340 P 11 29 07.8 +2.6

934A Benavides 11:71 342 P 11 29 13.5 +2.2

933A Laredo 11:19 339 P 11 29 17.4 +2.8

835A Beeville 11:18 346 P 11 29 18.5 +1.1

834A Tilden 12:21 343 P 11 29 19.5 +1.6

737A Port Lavaca 12:38 352 P 11 29 20.4 +0.3

633A Chaparral WMA, Jarrell 12:66 340 P 11 29 26.0 +2.1

736A Circle Diamond 12:67 349 P 11 29 26.6 +0.7

735A Kennedy 12:72 346 P 11 29 25.6 +1.0

832A Faith Ranch, C 12:83 337 P 11 29 28.9 +2.8

832A Divot King Ran 12:99 341 P 11 29 29.7 +1.4

635A Leesville 13:22 347 P 11 29 31.6 +0.4

732A Lawson Ranch, 13:23 338 P 11 29 33.2 +1.8

634A China Grove, S 13:35 345 P 11 29 33.6 +0.6

633A Saffoth Ranch 13:65 342 P 11 29 37.3 +0.4

535A Dale 13:81 349 P 11 29 38.5 -0.4

632A Uvalde 13:88 340 P 11 29 41.2 +1.3

534A Blanco 14:00 345 P 11 29 42.2 +0.8

631A Perdido Creek 14:07 337 P 11 29 44.4 +2.1

532A Kerrville 14:19 343 P 11 29 45.6 +0.8

533A Rocksprings 14:50 341 P 11 29 49.7 +1.9

435B 14:54 349 P 11 29 48.7 +0.3

Table with columns: Z33A Whitaker Ranch, Z32A Haskell, Y37A Hugo, etc.

Z29A Hungry Hill Ra 17:97 340 P 11 30 35.9 +4.9

Y30A Stafford Cattl 18:29 343 P 11 30 40.1 +5.3

X34A Smith Ranch, M 18:32 351 P 11 30 39.3 +4.2

NB2 NORSAR Subarra 83.10 28 P 11 38 41.1 -1.2

NOA NORSAR Array B 83.20 28 P 11 38 41.0 -1.3

ARCES ARCESS Array B 84.53 18 P 11 38 47.2 -2.2

IDC 01 11:39:39.0±10.0, 23.50°N; 144.10°E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.5/2.9, mbtmp3.6/4, MS3.9/2, Ms1.3/9.2, ms1mx2.8/3.6, Error ellipse: s-maj=397.5km s-min=25.6km az=75.0, Volcano Islands region

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

NEIC 01 11:52:25.2, 16.62°N; 99.91°W, h18km, MD4.0 (MEX), After MEX

MEX 01 11:52:25.2±0.6, 16.62°N; 99.91°W, h18km, 4km, MD4.0, Near coast of Guerrero

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

ISK 01 12:01:02.5±3.7, 11°N; 27.90°E, h20km, MD2.9, ISCJB 01 12:01:03.0±0.7, 37.06°N; 0.05±27.93°E, 0.04, h0km, Error ellipse: s-maj=6.8km s-min=4.8km az=176.7

DDA 01 12:01:03.0±0.3, 37.09°N; 27.95°E, h8km, MD2.8, CSEM 01 12:01:03.6±0.3, 37.07°N; 27.93°E, h1km, MD2.9, Error ellipse: s-maj=7.4km s-min=5.6km az=177.0, Mining explosion.

ISC 01 12:01:03.6±1.0, 37.09°N; 0.04±27.90°E, 0.03, h0km, n16, c=94/23, Turkey

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

ISK 01 12:04:35.8±3.7, 89°N; 27.26°E, h12km, MD2.3, DDA 01 12:04:36.7±3.7, 89°N; 27.49°E, h7km, MD2.8

CSEM 01 12:04:36.2±0.2, 37.89°N; 27.25°E, h15km, MD2.3, Error ellipse: s-maj=4.1km s-min=3.5km az=49.0

ISC 01 12:04:37.0±1.2, 37.91°N; 0.03±27.37°E, 0.03, h2km, n12km, n18, c=89/26, Turkey

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

MEX 01 12:07:16.5±0.3, 16.72°N; 99.93°W, h11km, 5km, MD3.5, Near coast of Guerrero

1d 15h

Table with columns: BOLs, Bojvac, Ivanjica, KUBS, Kuevo, Azimuth, Elevation, Azimuth, Elevation, Time, Residual

IPCC 01 14:13:18.7±0.2, 49.83N±18.50E, h0km, ML1.1/3, Error
ellip: s-maj=2.1km s-min=1.1km az=161.0
PRU 01 14:13:19.1, 49.82N±18.46E, h0km
CSEM 01 14:13:20.5±0.6, 49.88N±18.90E, h1km, ML1.8/4, Error
ellip: s-maj=12.5km s-min=8.2km az=60.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

ISK 01 14:22:07.9, 40.00N±26.92E, h16km, MD2.9
ISCJB 01 14:22:08.2, 0.7, 39.99N±0.05±26.93E±0.04, h10km±11km,
Error ellip: s-maj=9.1km s-min=5.5km az=10.2
CSEM 01 14:22:08.3, 0.2, 40.00N±26.93E, h10km, MD2.9, Error
ellip: s-maj=3.5km s-min=3.1km az=63.0
DDA 01 14:22:09.3, 39.96N±26.90E, h7km, MD2.8
ISC 01 14:22:08.1±1.1, 40.01N±0.03±26.92E±0.03, h13km±11km,
n24, c0534/32, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

AUST 01 14:25:03.9, 7.3, 24.59S±177.62W, h365km, 1km, Error
ellip: s-maj=4.9km s-min=2.4km az=332.0
IDC 01 14:25:30.3±2.4, 18.3, 179.81E±148.1km, 23km, mb3.7/6,
s-maj=26.1km s-min=21.9km az=23.0
ISCJB 01 14:25:31.4±1.2, 24.38S±0.10±179.8E±0.2, h517km,
mb4.3/5, Error ellip: s-maj=20.5km s-min=11.5km
az=160.2
ISC 01 14:25:32.9±1.1, 24.55S±0.1±179.8E±0.1, h517km, n21,
c146/23, mb4.4/5, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

DDA 01 14:26:03.7, 39.97N±26.89E, h7km, MD2.8
CSEM 01 14:26:03.8±0.3, 39.92N±27.06E, h20km, MD2.8, Error
ellip: s-maj=8.8km s-min=4.1km az=100.0
ATH 01 14:26:04.3±0.3, 39.89N±26.95E, h12km±1km, MD3.2/5
ISC 01 14:26:03.1±1.1, 39.92N±0.03±26.97E±0.04, h5km±11km,
n16, c0529/27, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

2010 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

CSEM 01 14:28:13.5±0.4, 38.26N±37.64E, h10km, MD2.7, Error
ellip: s-maj=12.9km s-min=10.1km az=26.0
ISK 01 14:28:13.0, 38.31N±37.63E, h7km, MD2.9
DDA 01 14:28:14.8, 38.34N±37.67E, h6km, MD2.7
ISC 01 14:28:14.5±1.0, 38.35N±0.03±37.66E±0.02, h10km±8km,
n22, c1919/31, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

ISCJB 01 14:29:41.1±1.7, 37.9N±0.1±38.17E±0.07, h18km±18km,
Error ellip: s-maj=23.2km s-min=8.8km az=174.3
ISC 01 14:29:42.2, 37.92N±38.17E±0.07, h20km, MD2.9, Error
ellip: s-maj=33.6km s-min=15.0km az=166.0
DDA 01 14:29:45.8, 37.98N±38.05E, h23km, MD3.0
ISC 01 14:29:40.5±3.5, 38.0N±0.1±38.15E±0.04, h17km±26km,
n14, c0571/18, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

DDA 01 14:43:00.3, 38.50N±29.13E, h7km, MD2.4, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

JMA 01 14:59:05.3, 35.08N±135.84E, h11km, M2.8, Western

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

ISK 01 14:59:25.8, 39.90N±26.86E, h9km, MD2.9
ISCJB 01 14:59:26.0±0.4, 39.93N±0.02±26.90E±0.03, h8km±6km,
Error ellip: s-maj=4.1km s-min=3.4km az=153.7
DDA 01 14:59:26.1, 39.95N±26.92E, h7km, MD2.8
CSEM 01 14:59:26.5±0.1, 39.92N±26.88E, h9km, MD2.9, Error
ellip: s-maj=2.7km s-min=2.5km az=148.0
ATH 01 14:59:26.3, 39.91N±27.00E, h34km±12km, MD2.9/5
ISC 01 14:59:26.1±1.1, 39.92N±0.02±26.91E±0.02, h6km±10km,
n42, c0542/60, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

2010 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

CSEM 01 15:01:11.5, 39.95N±26.87E, h6km, MD2.7
DDA 01 15:01:12.2, 39.96N±26.90E, h9km, MD2.9
CSEM 01 15:01:12.3±0.1, 39.96N±26.89E, h5km, MD2.7, Error
ellip: s-maj=2.0km s-min=1.8km az=141.0
ISCJB 01 15:01:12.0, 39.95N±0.02±26.90E±0.02, h4km±4km,
Error ellip: s-maj=3.3km s-min=2.9km az=34.5
THE 01 15:01:13.6, 39.95N±26.83E, h2km, 1km, ML2.6/5, Error
ellip: s-maj=1.9km s-min=0.7km az=267.0
ATH 01 15:01:13.0, 39.95N±26.89E, h19km±2km, MD3.0/6
ISC 01 15:01:12.4±1.1, 39.97N±0.02±26.89E±0.02, h6km±9km,
n62, c0547/97, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

SKO 01 15:00:06.9, 41.11N±20.70E, h21km, M0.8, ML1.4, Albania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

ISCJB 01 15:01:11.5, 39.95N±26.87E, h6km, MD2.7
DDA 01 15:01:12.2, 39.96N±26.90E, h9km, MD2.9
CSEM 01 15:01:12.3±0.1, 39.96N±26.89E, h5km, MD2.7, Error
ellip: s-maj=2.0km s-min=1.8km az=141.0
ISCJB 01 15:01:12.0, 39.95N±0.02±26.90E±0.02, h4km±4km,
Error ellip: s-maj=3.3km s-min=2.9km az=34.5
THE 01 15:01:13.6, 39.95N±26.83E, h2km, 1km, ML2.6/5, Error
ellip: s-maj=1.9km s-min=0.7km az=267.0
ATH 01 15:01:13.0, 39.95N±26.89E, h19km±2km, MD3.0/6
ISC 01 15:01:12.4±1.1, 39.97N±0.02±26.89E±0.02, h6km±9km,
n62, c0547/97, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

DDA 01 14:43:00.3, 38.50N±29.13E, h7km, MD2.4, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

JMA 01 14:59:05.3, 35.08N±135.84E, h11km, M2.8, Western

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

ISK 01 14:59:25.8, 39.90N±26.86E, h9km, MD2.9
ISCJB 01 14:59:26.0±0.4, 39.93N±0.02±26.90E±0.03, h8km±6km,
Error ellip: s-maj=4.1km s-min=3.4km az=153.7
DDA 01 14:59:26.1, 39.95N±26.92E, h7km, MD2.8
CSEM 01 14:59:26.5±0.1, 39.92N±26.88E, h9km, MD2.9, Error
ellip: s-maj=2.7km s-min=2.5km az=148.0
ATH 01 14:59:26.3, 39.91N±27.00E, h34km±12km, MD2.9/5
ISC 01 14:59:26.1±1.1, 39.92N±0.02±26.91E±0.02, h6km±10km,
n42, c0542/60, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual

Table with columns: MDNY, Mudanya-Bursa, 1.58 75 ePN, Pn, 15 01 40.7 -0.2, etc.

Table with columns: CD2, comp=Z,560nm,11.9s, LZ, 15 01 40.7 -0.2, etc.

Table with columns: KBZ, Khabaz, 68.61 319 pP, P, 15 12 29.7 -1.8, etc.

BJI 01 15:01:15.3,3.47S,99.75E,h20km,mb4.5/26,mb5.1/18, Ms4.8/12,Ms7.4/10

ASAR Alice Springs 39.20 125 P P 15 08 49.1 0.0

BRTR Keskin Array B 73.50 313 pP P 15 13 00.8 -0.8

Southern Sumatera

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

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

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

CSEM 01 15:12:49.6, 37.011N-28.58E, h7km, MD2.6, After DDA

1d 15h

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like TURN Turunc, DNZL Cakirokul, AYDN Tasoluk, BDRM Kayabasi, AKAS Kas.

NEIC 01 15:13:48.4, 38°53'S-177°93E, h22km, ML4.0(WEL), After WEL. NEIC FEL [V] at Gisborne and Whataupoko. WEL 01 15:13:48.3±0.1, 38°54'S-177°94E, h27km±1km, ML4.0±0.6, 8C-5D, Error ellipse: s-maj=1.8km s-min=1.1km az=36.0, North Island

Main station list table for the left column, including stations like TKGZ Te Karaka, RIGZ Rimuhau, CNZG Carnah Station, MWZ Matawai, PUKZ Puketiti, etc.

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Main station list table for the middle column, including stations like BFZ Birch Farm, KUZ Kuaotunu, PRWZ Pori Road, WAZ Wanganui, etc.

PRE 01 15:19:58.2±1.3, 30°62'S-211°10E, h5km, ML3.3, South Africa

Table for the PRE 01 station list, including stations like CVNA Calvinia, CER Ceres, KOMG Komagass, HVD Gariep Dam, etc.

JMA 01 15:38:42.2±0.1, 43°53'N×145°99E, h71km±1km, M3.5, 6C, Hokkaido region

Table for the JMA 01 station list, including stations like NEM2 Nemuro 2, JRA Rausu, JNK Akkeshi, etc.

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Main station list table for the right column, including stations like YER Yerkesik, DALY Dalyan (Mu'la), BDRM Kayabasi, AKAS Kas, etc.

IDC 01 15:43:58.5±1.1, 36°79'N-28°26'E, h0km, mb3.4/3, mb1 3.6/8, mb1mx3.4/38, mbintp3.5/8, ML3.3/5, Error ellipse: s-maj=24.9km s-min=15.9km az=161.0

ATH 01 15:43:58.1, 37°00'N-28°35'E, h26km±1km, MD3.8/10 CSEM 01 15:43:59.0±0.1, 36°96'N-28°28'E, h10km, MD3.5, Error ellipse: s-maj=3.0km s-min=2.5km az=158.0

ISCJ/B 01 15:43:59.0±0.4, 36°93'N-02°28'26E, h0.02, h6km±3km, mb3.4/3, Error ellipse: s-maj=3.2km s-min=2.8km az=148.4

DDA 01 15:43:59.2, 36°94'N-28°27'E, h7km, Md3.1 ISK 01 15:43:59.2, 36°96'N-28°28'E, h8km, MD3.5

SMG 01 15:44:00.0, 36°93'N-28°36'E, h10km±3km, ML3.9/2, Error ellipse: s-maj=4.6km s-min=1.2km az=91.0

ISC 01 15:43:59.2±1.1, 36°94'N-02°28'25E, h0.02, h3km±8km, n102, e0880/143, mb3.5/3, Dodecanese Islands

Main station list table for the right column, including stations like YER Yerkesik, TURN Turunc, DALY Dalyan (Mu'la), BDRM Kayabasi, AKAS Kas, etc.

ATH 01 15:40:32.8, 37°01'N-28°39E, h27km±4km, MD3.5/4 ISCJ/B 01 15:40:34.4±0.5, 36°93'N-02°28'26E, h0.03, h7km±4km, Error ellipse: s-maj=4.2km s-min=3.9km az=38.5 DDA 01 15:40:34.6, 36°99'N-28°26'E, h5km, Md3.1 CSEM 01 15:40:34.7±0.2, 36°96'N-28°29'E, h12km, MD2.8, Error ellipse: s-maj=4.0km s-min=3.7km az=14.0 ISK 01 15:40:34.0, 36°97'N-28°30'E, h15km, MD2.8 ISC 01 15:40:34.9±0.9, 36°99'N-02°28'26E±0.02, h12km±6km,

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SMG, MANT, KULA, IZM, KARP, etc.

CSEM 01 15:46:29.1s 1.7, 44.68N, 19.10E, h15km, ML1.3, Error ellipse: s-maj=42.0km s-min=17.0km az=105.0

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

ISK 01 15:49:08.9, 37.01N, 28.31E, h19km, MD2.5

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

IDC 01 15:50:49.5, 1.6, 3.65S, 99.76E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.7/33, mbmp3.8/6, MS2.7/1, Ms1.2/9.1, ms1mx2.5/34, Error ellipse: s-maj=71.7km s-min=20.1km az=52.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, H08R, H08S3, etc.

BJI 01 15:52:42.7, 32.93N, 106.18E, h7km, ML3.5/18, Ms3.4/1, Ms7.3/1, Sichuan

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

SJA 01 15:56:16.8, 0.6, 27.57S, 68.71W, h155km, 17km, MD3.7, ML2.8, Chile-Argentina border region

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

ISK 01 16:03:38.5, 37.77N, 38.21E, h11km, MD2.7

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

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

IDC 01 16:12:30.8, 3.4, 6.01S, 150.12E, h0km, mb3.0/2, mb1 3.3/3, mb1mx3.2/28, mbmp3.2/3, ML0.9/1, Error ellipse: s-maj=143.0km s-min=36.3km az=120.0, New Britain region

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

ATH 01 16:23:11.7, 34.26N, 24.50E, h5km, MD3.6/7

CSEM 01 16:23:14.0, 8.0, 34.42N, 24.39E, h24km, 4km, MD3.6, Error ellipse: s-maj=15.4km s-min=8.5km az=8.0

THE 01 16:23:15.8, 34.46N, 24.35E, h22km, 4km, ML2.7/2, Error ellipse: s-maj=9.8km s-min=2.9km az=225.0

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

MAN 01 16:31:02.8, 58N, 125.72E, h37km, mb4.2, ML3.1, MS2.8, 1D, Mindanao

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

NNC 01 16:32:34.8, 2.5, 37.13N, 71.18E, h174km, 26km, mb2.4, mpv3.5, 3C-SD, Error ellipse: s-maj=23.4km s-min=10.3km az=161.0, Afghanistan-Tajikistan border region

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

MAN 01 16:38:08, 16.01N, 119.67E, h31km, mb4.4, ML3.2, MS3.1, 1C, Luzon

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

IDC 01 16:50:31.4, 2.2, 3.98N, 95.61E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.4/33, mbmp3.5/5, ML3.3/2, MS2.9/1, Ms1.3/1, ms1mx2.6/24, Error ellipse: s-maj=69.3km s-min=24.4km az=53.0

DJA 01 16:50:36.5, 0.7, 5.7N, 3.9E, h13km, 4km, M4.1/10, mb4.2/1, MLV4.0/10

ISC 01 16:50:36.6, 1.2, 4.30N, 0.09, 96.03E, 0.10, h31km, n16, s=17/15, mb3.5/3, Northern Sumatra

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

Table with columns: PSI, GSI, MNSI, SISI, PPSI, CMAR, H0S2S, H0S3S, H0S1S, MKAR, WRAR, ASAR. Includes station names like Gunungsitoli, Mandailing Nat, Saibu, Pulau Pagai, Chiang Mai Arr, Diego Garcia H, Diego Garcia H, Diego Garcia H, Malakanchi Array, Warramunga Arr, Alice Springs, Malin Array Bay.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, NIS1 Nisyros Isl, ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bay, AKASG Malin Array Bay.

ISCJB 01 17:37:12.7:0.6, 34:01N:135:22E:0.04, h12km, 4km, mb3.5/3, Error ellipse: s-maj=6.2km s-min=4.7km az=157.4

IDA 01 17:37:12.1:1.1, 33:90N:135:39E, h0km, mb3.4/3, mb1 3.5/5, mb1mx3.4/4.2, mbtmpt3.5/5, ML2.9/2, Error ellipse: s-maj=28.0km s-min=13.5km az=141.0

JMA 01 17:37:13.3:4:03N:135:25E, h5km, M3.3 Broadband fault plane solution: P waves, NP1=154.00000, delta3.00000, lambda74.00000, NP2=159.00000, delta3.00000, lambda132.00000, Principal axes: T P1659.00000, Azm42.00000, N P1615.00000, Azm159.00000; P P1626.00000, Azm257.00000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMW Minabe, JWW Kouya, JWY Tsuna, JAU2 Kozaga, JWZ Aioi, JHE Heguri, JHE Miethoku, JKS Kasai, MAT Matsushiro, BDM Matushiro Arr, MJAR Matushiro Arr, MJAR Nisyros Isl, JNU Natsuse, JNU Nisyros Isl, JNU Nisyros Isl, WRA Warramunga Arr, ILAR Epsilon Array, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TALC Talca, NICH Los Niches, RCDM Rinconada Maip, CLCH Cerro Calan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZET Dzerherino, DZET Dzerherino, SFK Sufi-Kurgan, SFK Sufi-Kurgan, MNAS Manas, MNAS Manas, MNAS Manas, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISCJB 01 17:49:48.9:0.5, 36:93N:0:03:28:30E:0.03, h5km, 6km, Error ellipse: s-maj=5.4km s-min=3.9km az=33.4

ATH 01 17:49:48.9:0.5, 36:93N:0:03:28:30E:0.02, h10km, 6km, n29, e1813/46, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, YER Yerkesik, YER Yerkesik, TURN Turunc, TURN Turunc, TURN Turunc, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), FETI Fethiye, FETI Fethiye, BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, TASOLU Tasuluk, TASOLU Tasuluk, ARG Arkhangelos, ARG Arkhangelos, DNZL Cakiroluk, DNZL Cakiroluk, NIS1 Nisyros Isl, NIS1 Nisyros Isl, AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, AKAS Kas, AKAS Kas, KASTELLORIZON Kastellorizon, KASTELLORIZON Kastellorizon, SMG Samos, SMG Samos, KARP Karpathos, KARP Karpathos, KARP Karpathos, KARP Karpathos, MHLO Agia Marina, MHLO Agia Marina.

ISCJB 01 17:51:47.6:0.5, 36:92N:0:02:28:26E:0.03, h2km, 4km, Error ellipse: s-maj=3.8km s-min=3.5km az=39.9

DDA 01 17:51:47.7:0.2, 36:97N:28:30E, h7km, MD2.9, Error ellipse: s-maj=4.0km s-min=3.7km az=27.0

ATH 01 17:51:48.1, 36:99N:28:18E, h23km, 2km, MD3.1/3, ISK 01 17:51:48.1, 36:97N:28:30E, h8km, MD2.7

ISC 01 17:51:47.8:0.9, 36:95N:0:02:28:25E:0.02, h8km, 8km, n49, e135/76, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, YER Yerkesik, YER Yerkesik, TURN Turunc, TURN Turunc, TURN Turunc, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, FETI Fethiye, FETI Fethiye, AYDN Tasuluk, AYDN Tasuluk, AYDN Tasuluk, NIS1 Nisyros Isl, NIS1 Nisyros Isl, NIS1 Nisyros Isl, NIS1 Nisyros Isl, DNZL Cakiroluk, DNZL Cakiroluk, DENT Denizli, DENT Denizli, AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, GCAM G?zelcamli?, GCAM G?zelcamli?, AKAS Kas, AKAS Kas, KSL Kastellorizon, KSL Kastellorizon, ELL Elmalı, ELL Elmalı, SMG Samos, SMG Samos, MANT Manisa, MANT Manisa, MANT Manisa, KULA Kula-Manisa, KULA Kula-Manisa, IZM Izmir, IZM Izmir, KARP Karpathos, KARP Karpathos, KARP Karpathos, KARP Karpathos, KHAL Karahalli, KHAL Karahalli, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, LAST Lasithi, LAST Lasithi, IDI Anoyia, IDI Anoyia, NIS1 Nisyros Isl, NIS1 Nisyros Isl, AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, GOLH Golhisar, GOLH Golhisar.

DDA 01 18:12:09.0, 36:89N:28:31E, h7km, Md2.6, Error ellipse: s-maj=7.8km s-min=5.0km az=27.8

ISK 01 18:12:10.5, 36:99N:28:30E, h16km, MD2.5, Error ellipse: s-maj=9.4km s-min=6.2km az=21.0

ISC 01 18:12:09.8:1, 36:90N:0:05:28:26E:0.03, h6km, 12km, n16, e056/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, YER Yerkesik, YER Yerkesik, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, FETI Fethiye, FETI Fethiye, AYDN Tasuluk, AYDN Tasuluk, AYDN Tasuluk, NIS1 Nisyros Isl, NIS1 Nisyros Isl, AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, GOLH Golhisar, GOLH Golhisar.

ISK 01 18:03:30.8, 37:09N:28:56E, h9km, MD3.0, Error ellipse: s-maj=4.0km s-min=3.7km az=166.0

DDA 01 18:03:31.0, 37:08N:28:52E, h3km, MD2.9, Error ellipse: s-maj=4.5km s-min=4.1km az=47.0

ATH 01 18:03:31.8, 37:04N:28:36E, h5km, 2km, MD3.7/12, ISK 01 18:03:32.0:0.8, 37:09N:0:02:28:52E:0.02, h14km, 6km, n66, e153/91, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, YER Yerkesik.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TURN Turunc, TURN Turunc, TURN Turunc, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), FETI Fethiye, FETI Fethiye, DNZL Cakiroluk, DNZL Cakiroluk, AYDN Tasuluk, AYDN Tasuluk, AYDN Tasuluk, DENT Denizli, DENT Denizli, BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, ELL Elmalı, ELL Elmalı, NIS1 Nisyros Isl, NIS1 Nisyros Isl, NIS1 Nisyros Isl, GCAM G?zelcamli?, GCAM G?zelcamli?, AKAS Kas, AKAS Kas, KASTELLORIZON Kastellorizon, KASTELLORIZON Kastellorizon, KULA Kula-Manisa, KULA Kula-Manisa, KHAL Karahalli, KHAL Karahalli, SMG Samos, SMG Samos, KARP Karpathos, KARP Karpathos, IZM Izmir, IZM Izmir, BCK Bucak, BCK Bucak, ANTB Antalya, ANTB Antalya, AKS Akhisar, AKS Akhisar, KARP Karpathos, KARP Karpathos, CHOS Chios island, CHOS Chios island, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, SANT Santorini, SANT Santorini, ZKR Zakros, ZKR Zakros, NPS Neapolis, NPS Neapolis, LAST Lasithi, LAST Lasithi, IDI Anoyia, IDI Anoyia, SIVA Sivas, SIVA Sivas, GVD Gavdhos, GVD Gavdhos.

ISC 01 18:10:48.2:4, 6:53S:129:19E, h0km, mb3.8/1, mb1 3.5/3, mb1mx3.3/2.9, mbtmpt3.4/3, ML3.2/2, Error ellipse: s-maj=172.3km s-min=32.3km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makranchi Array.

DDA 01 18:12:09.0, 36:89N:28:31E, h7km, Md2.6, Error ellipse: s-maj=7.8km s-min=5.0km az=27.8

ISK 01 18:12:10.5, 36:99N:28:30E, h16km, MD2.5, Error ellipse: s-maj=9.4km s-min=6.2km az=21.0

ISC 01 18:12:09.8:1, 36:90N:0:05:28:26E:0.03, h6km, 12km, n16, e056/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, YER Yerkesik, YER Yerkesik, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, FETI Fethiye, FETI Fethiye, AYDN Tasuluk, AYDN Tasuluk, AYDN Tasuluk, NIS1 Nisyros Isl, NIS1 Nisyros Isl, AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, GOLH Golhisar, GOLH Golhisar.

ISK 01 18:03:30.8, 37:09N:28:56E, h9km, MD3.0, Error ellipse: s-maj=4.0km s-min=3.7km az=166.0

DDA 01 18:03:31.0, 37:08N:28:52E, h3km, MD2.9, Error ellipse: s-maj=4.5km s-min=4.1km az=47.0

ATH 01 18:03:31.8, 37:04N:28:36E, h5km, 2km, MD3.7/12, ISK 01 18:03:32.0:0.8, 37:09N:0:02:28:52E:0.02, h14km, 6km, n66, e153/91, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISK 01 18:30:08.4, 39:91N:26:88E, h6km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.7km az=6.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GELI, BALY, AYVA, BOZC, RKY, ERK, ERIK, etc.

SJA 01 18:45:14.5±0.5,29.05S:68.15W,h124km,4km,MD3.9, ML3.2, San Juan Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VCA, AMOG, RTLL, etc.

NIED 01 19:01:00,34.70N:138.10E,h26km,Mw3.7 Best double couple: M3.470000±0.14, H11.195,00000±0.55,00000±0.29,00000±0.00, NP2=302.00000±0.67,00000±0.141,00000±0.00

JMA 01 19:01:18.9±0.1,34.74N:138.05E,h28km,K, M3.8, 4C-5D Broadband fault plane solution: P waves. NP1:φ=192.00000±0.860,00000±0.44,00000±0.00, NP2:φ=307.00000±0.853,00000±0.141,00000±0.00. Principal axes: T Plg4.0000±0.00, Azm251.0000±0.00, N Plg39.0000±0.00, Azm344.0000±0.00, P Plg51.0000±0.00, Azm156.0000±0.00; Near south coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JKKG, JSG, JHMK, etc.

ISCJB 01 19:03:58.6±0.6,15.3S:0.1±178.7W:0.1,h400km, mb3.9/10 Error ellipse: s-maj=19.2km s-min=13.9km sz=162.0

IDC 01 19:04:00.7±0.2,15.49S:178.46W,h422km,2.4km, mb3.7/10,mb1.3.8/12,mb1mx3.5/31,mbmp4.4/12, Error ellipse: s-maj=18.6km s-min=15.4km az=116.0

ISC 01 19:03:59.2±0.7,15.4S:0.1±178.6W:0.1,h400km,n16,φ151/16,mb4.0/10, Fijil Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AFI, DZM, URZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SJI, BATI, VND, etc.

SKHL 01 19:24:30.0±0.7,48.92N:131.63E,h15km,4km,mb3.6/2, Priamurye-Northeastern China border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KLR, KHRB, GRNR, etc.

ISCJB 01 19:24:42.0±0.8,51.52N:0.03±16.11E:0.04,h0km, Error ellipse: s-maj=5.2km s-min=2.9km az=18.2

CSEM 01 19:24:43.5±0.4,51.53N:16.12E,h2km,ML3.1/5, Error ellipse: s-maj=6.4km s-min=3.5km az=6.0

ISC 01 19:24:43.8±1.2,51.53N:0.05±16.08E:0.03,h0km,n34,φ081/65,1D,Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KSP, KUP, DPC, etc.

DDA 01 19:51:13.3,40.04N:27.10E,h7km,Md2.4,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BALY, MORC, OKC, etc.

DDA 01 19:51:13.3,40.04N:27.10E,h7km,Md2.4,Turkey

ISC 01 19:52:12.4,36.93N:28.21E,h8km,Md2.7

ISC 01 19:52:13.6,36.96N:28.26E,h7km,Md2.6

ISC 01 19:52:13.2±1.1,36.94N:0.03±28.24E:0.03,h6km,9km,n28,φ192/47,Decadense Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YER, YER, YER, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TURN, DALY, BDRM, etc.

BUC 01 19:53:33.0±0.3,45.76N:26.66E,h88km,MD2.6,11C-4D, Error ellipse: s-maj=8.1km s-min=3.8km az=28.0

ISC 01 19:58:13.9,36.94N:28.22E,h7km,Md2.5

ISCJB 01 19:58:14.6±0.5,36.91N:0.02±28.25E:0.03,h2km,4km, Error ellipse: s-maj=4.0km s-min=3.5km az=27.2

CSEM 01 19:58:14.7±0.2,36.91N:28.24E,h2km,MD2.5, Error ellipse: s-maj=4.5km s-min=3.9km az=21.0

DDA 01 19:58:15.3,36.95N:28.26E,h7km,Md2.6

ATH 01 19:58:15.0,36.98N:28.23E,h2km,2km,MD3.0/5

ISC 01 19:58:14.4±1.0,36.94N:0.02±28.22E:0.02,h6km,9km,n41,φ114/67,Decadense Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PLOR, VRI, MRL, etc.

ISC 01 19:58:15.0,36.98N:28.23E,h2km,2km,MD3.0/5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YER, TURN, DALY, etc.

1d 21h

KRSC 01 20:08:41.4.0.7,54°00'N-159°38'E,h117km,7km,ML3.5, Near east coast of Kamchatka Peninsula

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

KRNET 01 20:23:38.4.0.1,39°38'N,72°97'E,h8km,mb2.3

ISCJB 01 20:23:40.8.1.4,39°30'N,0°08'72.92E,0.06,h10km,Error ellipse: s-maj=11.2km s-min=6.7km az=163.7

NIC 01 20:23:40.6.4.1,39°39'N,73°22'E,h0km,mb2.9,mpv2.5, Error ellipse: s-maj=44.1km s-min=16.4km az=127.0

ISC 01 20:23:40.2.1.5,39°40'N,0°07'73.04E,0.04,h10km,n13, 0°167'26,20C-8D,Tajikistan-Xinjiang border region

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

ISCJB 01 20:37:22.0.7.46,73°N,0°07'152.99E,0.10,h40km, mb3.77, Error ellipse: s-maj=13.0km s-min=3.7km az=44.3

MOS 01 20:33:29.6.1.3,46°81'N,152°82'E,h69km,mb4.0/4, Error ellipse: s-maj=24.6km s-min=13.4km az=61.3

JMA 01 20:33:29.1.0.7,47°11'N,152°64'E,h30km,ML4.4

SKHL 01 20:33:30.4.0.6,46°59'N,152°91'E,h83km,mb4.4, mb5.2/5

IDC 01 20:33:32.5.3.2,46°85'N,152°92'E,h76km,mb3.4/7, mb1.3/6.10,mb1mx3.3/4,mbtmp3.8/10, Error ellipse: s-maj=37.1km s-min=20.2km az=113.0

ISC 01 20:33:29.0.9.46,72°N,0°08'152.80E,0.08,h40km,n47, 0°2510/42,mb3.77,2C-1D,Kuril Islands

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

2010 NOV

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

DJA 01 20:39:20.7.0.6,3°S,2°12'9E,1h11km,4km,ML3.9/13, mb4.4/2,MLV3.6/13,Seram

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

ISEK 01 20:47:05.2.37,14°N,28°58'E,h23km,MD2.6

CSEM 01 20:47:07.0.5.37,13°N,28°50'E,h10km,MD2.6, Error ellipse: s-maj=15.0km s-min=9.0km az=40.0

DDA 01 20:47:08.3.37,01°N,28°53'E,h7km,MD2.6

ISC 01 20:47:06.8.1.0,37°13'N,0°04'28.54E,0.06,h17km,8km, n13,0°172/25,Turkey

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

CSEM 01 21:10:03.6.0.7,35°24'N,30°68'E,h10km,ML3.6, Error ellipse: s-maj=15.1km s-min=7.5km az=48.0

ISCJB 01 21:10:04.3.1.2,35°26'N,0°06'30.56E,0.08,h33km, Error ellipse: s-maj=11.5km s-min=5.2km az=140.2

NIC 01 21:10:05.4.3.22,29°30'N,134°E,h34km,ML3.6

DDA 01 21:10:06.1.36,20°N,30°56'E,h7km,ML3.4

ISC 01 21:10:03.9.1.3,35°17'N,0°08'30.94E,0.07,h35km,n28, 0°128/43,Eastern Mediterranean Sea

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

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

IDC 01 21:11:11.9.1.9,6°44'S,128°75'E,h0km,mb3.7/1, mb1.3/7.3,mb1mx3.4/19,mbtmp3.5/3,ML3.6/2, Error ellipse: s-maj=14.5km s-min=3.2km az=69.0

ISCJB 01 21:11:12.1.1.4,7°53'S,0°08'127.0E,0.2,h10km,mb3.6/1, Error ellipse: s-maj=25.8km s-min=11.5km az=175.7

AUST 01 21:11:28.1.7.495,128°54'E,h20km

ISC 01 21:11:16.8.3.4,7.6S,0.1,127°2E,0.4,h10km,n7,0°281/6, Banda Sea

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

MAN 01 21:14:34,14.99N-122.71E,h99km,mb4.5,ML3.4,MS3.3, 2D,Luzon

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

NDI 01 21:26:40.7.2.8,33°27'N,71°72'E,h10km,ML3.5

ISC 01 21:26:34.1.4.7,33°1N,0°2'71.4E,0.3,h10km,n15, 0°184/15,Pakistan

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

THE 01 21:38:38.9,39°39'N-26°96'E,h0km,1km,ML3.1/6, Error ellipse: s-maj=4.2km s-min=1.1km az=82.0

DDA 01 21:38:41.6,39°39'N-26°94'E,h14km,MD3.3

CSEM 01 21:38:41.7,0.1,39°39'N-26°87'E,h5km,ML3.2, Error ellipse: s-maj=2.5km s-min=2.5km az=51.0

ISK 01 21:38:41.1,39°96'N,0°01'26.89E,0.02,h12km,2km, Error ellipse: s-maj=2.3km s-min=2.2km az=163.7

ATH 01 21:38:41.6,39°89'N-26°90'E,h24km,1km,MD3.6/16

SOF 01 21:38:41.9,39°92'N-27°09'E,h92km,MD2.8

ISC 01 21:38:42.0.1.0,39°39'N,0°01'26.92E,0.01,h14km,8km, n22,0°121/28,19C-12D,Turkey

Code	Station Name	Δ° AZ'	Phase	ID	Time	Res	PLG	Polygyros	2.70 281	P	Pn	21 39 23.2	-1.8	BOZC	Z	S	Sb	1d 21h	
Code	Station Name	Δ° AZ'	Phase	ID	Time	Res	PLG	Polygyros	2.70 281	P	Pn	21 39 23.2	-1.8	BOZC	Z	S	Sb	1d 21h	
EZN	Ezine	0.47 258	Op	ISC	21 38 51.0	-0.2	PLG	Polygyros	2.70 281	P	Pn	21 39 23.2	-1.8	BOZC	Z	S	Sb	1d 21h	
EZN	Ezine	0.47 258	Op	ISC	21 38 51.0	-0.2	PLG	Polygyros	2.70 281	P	Pn	21 39 23.2	-1.8	BOZC	Z	S	Sb	1d 21h	
BALY	Balya	0.57 109	S	P	21 38 53.2	-0.6	BORA	Ekisehir	2.72 90	I	S	21 40 21.1	-1.6	EZN	Ezine	0.48 39	Op	ISC	21 42 57.1
BALY	Balya	0.57 109	S	P	21 38 53.2	-0.6	BORA	Ekisehir	2.72 90	I	S	21 40 21.1	-1.6	EZN	Ezine	0.48 39	Op	ISC	21 42 57.1
GELI	Tayfur-Gelibol	0.58 324	eSG	P	21 39 01.2	-0.7	NVR	Nevrokopi	2.72 302	ePN	S	21 39 26.5	+1.2	AYVA	Ayvalik	0.60 103	P	P	21 42 57.9
GELI	Tayfur-Gelibol	0.58 324	eSG	P	21 39 01.2	-0.7	NVR	Nevrokopi	2.72 302	ePN	S	21 39 26.5	+1.2	AYVA	Ayvalik	0.60 103	P	P	21 42 57.9
GELI	Tayfur-Gelibol	0.58 324	eSG	P	21 39 01.2	-0.7	NVR	Nevrokopi	2.72 302	ePN	S	21 39 26.5	+1.2	AYVA	Ayvalik	0.60 103	P	P	21 42 57.9
KNL	Baf-Kesir	0.58 54	P	S	21 39 01.1	-0.9	NVR	Nevrokopi	2.72 302	ePN	S	21 39 26.5	+1.2	AYVA	Ayvalik	0.60 103	P	P	21 42 57.9
KNL	Baf-Kesir	0.58 54	P	S	21 39 01.1	-0.9	NVR	Nevrokopi	2.72 302	ePN	S	21 39 26.5	+1.2	AYVA	Ayvalik	0.60 103	P	P	21 42 57.9
GONE	Gonen-Balikesi	0.60 78	ePG	P	21 38 53.7	-0.6	PLD	Plovdiv	2.75 323	I	P	21 39 26.8	+1.2	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
GONE	Gonen-Balikesi	0.60 78	ePG	P	21 38 53.7	-0.6	PLD	Plovdiv	2.75 323	I	P	21 39 26.8	+1.2	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
AYVA	Ayvalik	0.64 196	P	P	21 39 03.8	0.0	SKIA	Skios	2.77 255	ePN	P	21 39 27.0	+1.0	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
AYVA	Ayvalik	0.64 196	P	P	21 39 03.8	0.0	SKIA	Skios	2.77 255	ePN	P	21 39 27.0	+1.0	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
BOZC	Bozcaada	0.67 263	P	P	21 38 54.9	-0.1	SRS	Serrai	2.80 296	ePN	S	21 39 26.9	+0.6	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
BOZC	Bozcaada	0.67 263	P	P	21 38 54.9	-0.1	SRS	Serrai	2.80 296	ePN	S	21 39 26.9	+0.6	LIA	Limnos Island	0.73 308	ePN	S	21 42 56.6
SARKOY	Sarkoy-Tekirda	0.79 15	eSG	P	21 39 07.6	-0.4	MRKA	Markates	2.86 246	ePN	P	21 39 27.2	+0.1	GADA	Gvkgkada	0.74 358	ePG	P	21 43 02.9
SARKOY	Sarkoy-Tekirda	0.79 15	eSG	P	21 39 07.6	-0.4	MRKA	Markates	2.86 246	ePN	P	21 39 27.2	+0.1	GADA	Gvkgkada	0.74 358	ePG	P	21 43 02.9
RKY	Sarkoy-Tekirda	0.79 15	ePG	P	21 39 07.6	-0.4	MRKA	Markates	2.86 246	ePN	P	21 39 27.2	+0.1	GADA	Gvkgkada	0.74 358	ePG	P	21 43 02.9
RKY	Sarkoy-Tekirda	0.79 15	ePG	P	21 39 07.6	-0.4	MRKA	Markates	2.86 246	ePN	P	21 39 27.2	+0.1	GADA	Gvkgkada	0.74 358	ePG	P	21 43 02.9
BALB	Balikesir	0.80 111	ePG	P	21 38 57.4	-0.2	SOH	Sokhos	2.86 289	ePN	P	21 39 28.0	+0.7	GELI	Tayfur-Gelibol	0.57 324	eSG	P	21 43 06.4
BALB	Balikesir	0.80 111	ePG	P	21 38 57.4	-0.2	SOH	Sokhos	2.86 289	ePN	P	21 39 28.0	+0.7	GELI	Tayfur-Gelibol	0.57 324	eSG	P	21 43 06.4
ERIKI	Erikli-Kesan	0.80 338	ePG	P	21 38 57.2	-0.4	NEO	Neokhori	2.92 259	ePN	P	21 40 02.5	+0.9	CHOS	Chios island	1.07 175	ePN	S	21 43 02.0
ERIKI	Erikli-Kesan	0.80 338	ePG	P	21 38 57.2	-0.4	NEO	Neokhori	2.92 259	ePN	P	21 40 02.5	+0.9	CHOS	Chios island	1.07 175	ePN	S	21 43 02.0
GADA	Gvkgkada	0.82 289	ePG	P	21 38 57.5	-0.4	XOR	Xorichti	2.93 260	ePN	P	21 39 29.0	+0.8	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
GADA	Gvkgkada	0.82 289	ePG	P	21 38 57.5	-0.4	XOR	Xorichti	2.93 260	ePN	P	21 39 29.0	+0.8	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
EDC	Edinck	0.84 60	ePG	P	21 38 57.9	-0.4	HORT	Hortiatos	3.00 284	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
EDC	Edinck	0.84 60	ePG	P	21 38 57.9	-0.4	HORT	Hortiatos	3.00 284	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
PRK	Paraskevi	0.84 216	ePN	P	21 38 55.0	-3.3	APR	Apeiranthos	3.05 201	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
PRK	Paraskevi	0.84 216	ePN	P	21 38 55.0	-3.3	APR	Apeiranthos	3.05 201	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
PRK	Paraskevi	0.84 216	ePN	P	21 38 55.0	-3.3	APR	Apeiranthos	3.05 201	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
PRK	Paraskevi	0.84 216	ePN	P	21 38 55.0	-3.3	APR	Apeiranthos	3.05 201	ePN	P	21 39 29.5	+0.4	SMTH	Samothraki Isl	1.07 343	ePN	S	21 43 02.0
MRMT	Marmara Adasi	0.85 37	ePG	P	21 38 58.4	-0.6	VLL	Vlata	3.32 240	ePN	P	21 39 34.0	+0.6	URLA	Izmir	1.21 154	I	P	21 43 02.0
MRMT	Marmara Adasi	0.85 37	ePG	P	21 38 58.4	-0.6	VLL	Vlata	3.32 240	ePN	P	21 39 34.0	+0.6	URLA	Izmir	1.21 154	I	P	21 43 02.0
BNT	Bandirma	0.88 61	ePG	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
BNT	Bandirma	0.88 61	ePG	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
SIGR	SIGRI	1.09 229	eSN	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
SIGR	SIGRI	1.09 229	eSN	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
SIGR	SIGRI	1.09 229	eSN	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
SIGR	SIGRI	1.09 229	eSN	P	21 39 02.2	-0.4	SERI	Serifos	3.36 215	ePN	P	21 39 34.6	+0.6	ERIKI	Erikli-Kesan	1.30 20	ePN	S	21 43 02.0
TKR	Tekirdag	1.16 24	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
TKR	Tekirdag	1.16 24	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN	P	21 39 39.2	+1.9	ALN	Alexandroupoli	1.45 3	ePN	S	21 43 07.9
ALN	Alexandroupoli	1.18 326	ePN	P	21 39 03.3	-0.5	GRG	Griva	3.59 288	ePN</									

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like SART, SART Tekirdag, SART S, ERIK, ERIK-Kesan, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like CRLT, CRLT Corlu, CRLT Corlu, DST, DST Dursunbey, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like GADA, GADA Gvkggeada, GADA Gvkggeada, MRMT, MRMT Marmara Adasi, etc.

CSEM 01 22:03:18.9.0.3, 39°92'N-26°89'E, h5km, 1km, MD3.0, Error ellipse: s-maj=6.3km s-min=5.5km az=121.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like BALY, BALY Balya, BALY Balya, KNL, KNL Bal-kesir, etc.

ISK 01 21:47:50.9, 39°93'N-26°91'E, h7km, MD2.9
SOF 01 21:47:50.7, 39°88'N-27°03'E, h19km, MD2.6
DDA 01 21:47:51.0, 39°94'N-26°88'E, h7km, MD2.9

CSEM 01 21:47:51.0, 39°93'N-26°91'E, h10km, MD2.9, Error ellipse: s-maj=2.1km s-min=1.8km az=38.0

DDA 01 22:03:19.1, 39°94'N-26°93'E, h7km, MD2.6
ISC 01 22:03:18.8.1.2, 39°93'N-26°94'E, h9km, 10km, n18, c0938/37, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Code, Station Name, Δ° AZ', Phase ID, Time, Res.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Code, Station Name, Δ° AZ', Phase ID, Time, Res.

DDA 01 22:04:26.9, 39°97'N-26°93'E, h7km, MD2.6
CSEM 01 22:04:26.8.0.2, 39°93'N-26°89'E, h8km, MD3.0, Error ellipse: s-maj=5.5km s-min=5.2km az=117.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KNL, KNL Bal-kesir, BALY, BALY Balya, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Code, Station Name, Δ° AZ', Phase ID, Time, Res.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Code, Station Name, Δ° AZ', Phase ID, Time, Res.

ISC 01 21:53:44.7, 35°72'N-26°36'E, h21km, MD3.2, After ATH
ATH 01 21:53:44.7, 35°72'N-26°36'E, h21km, 1km, MD3.2, Crete

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ZKR, ZKR Zakros, ZKR Zakros, LAST, LAST Lasithi, etc.

ISK 01 21:58:35.9, 39°96'N-26°93'E, h5km, MD2.7
ISC/B 01 21:58:36.0.6, 39°95'N-0°03-26°90'E, 0.4, h6km, 5km, Error ellipse: s-maj=5.0km s-min=4.5km az=151.7

CSEM 01 21:58:36.0.2, 39°94'N-26°91'E, h5km, MD2.7, Error ellipse: s-maj=4.0km s-min=3.5km az=121.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like Code, Station Name, Δ° AZ', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYVA Ayvalik, BOZC Bozcaada, SART Tekirdag, etc.

ISCJB 01 22:05:55.3-0.5, 25.75S-0.07x179.94W:0.0h, h458km, mb3.8/6, Error ellipse: s-maj=9.8km s-min=9.4km az=174.4

ICD 01 22:05:58.4-2.0, 25.60Sx179.94W, h493km, mb3.4/6, mb1.3/7.10, mb1.3km s-min=1.2km, mbtmp4.4/10, Error ellipse: s-maj=19.3km s-min=14.2km az=162.0

AUST 01 22:06:27.6-6.1, 27.65S-177.27E, h592km, Error ellipse: s-maj=5.8km s-min=3.5km az=259.0

ISC 01 22:05:56.1-0.6, 25.79S-0.09x179.88W:0.09, h458km, n37.7, f150/36, mb3.9/6, South of Fiji Islands

Main table listing stations and their coordinates. Includes stations like URZ Urewera, DZM Mont Dzumac, AFI Afiamatu, RAR Rarotonga, etc.

CSEM 01 22:06:52.3-0.2, 39.93N-26.87E, h9km, MD2.5, Error ellipse: s-maj=5.8km s-min=5.0km az=151.0

ATH 01 22:06:52.5, 39.87N-26.97E, h38km, 3km, MD2.9/5, Error ellipse: s-maj=13.7km s-min=6.2km az=8.2

DDA 01 22:06:54.5, 40.05N-27.10E, h7km, MD2.5, Error ellipse: s-maj=13.7km s-min=6.2km az=8.2

ISC 01 22:06:52.3-1.1, 39.93N-0.003-26.94E:0.03, h10km, 10km, n15.0, f975/30, Turkey

Table listing stations and their coordinates. Includes stations like BALY Balya, SART Tekirdag, PRK Parasekvi, etc.

Table listing stations LIA Limnos Island with coordinates 1.35 269 ePn and 22 07 16.9 -0.3

ISK 01 22:11:38.9, 39.97N-26.98E, h2km, MD2.6, DDA 01 22:11:39.3, 39.93N-26.80E, h7km, Md2.8

CSEM 01 22:11:39.0-0.3, 39.89N-26.95E, h20km, MD2.6, Error ellipse: s-maj=6.7km s-min=5.1km az=148.0

ATH 01 22:11:39.0, 39.94N-26.84E, h13km, 1km, MD3.1/7, Error ellipse: s-maj=3.4km s-min=1.4km az=142.0

ISC 01 22:11:38.3-1.1, 39.91N-0.002-26.89E:0.02, h7km, 10km, n48.0, f997/75, Turkey

Main table listing stations and their coordinates. Includes stations like EZN Ezine, GELI Tayfur-Gelibol, RYK Sarkoy-Tekirda, etc.

ICD 01 22:18:44.4-4.2, 35.93N-71.49E, h79km, 31km, mb3.6/8, mb1.3/6.14, mb1mx3.4/43, mbtmp3.8/14, MS3.4/1, Ms1.3/4.1, ms1mx2.6/32, Error ellipse: s-maj=46.8km s-min=23.5km az=139.0

ISCJB 01 22:18:45.6-0.5, 36.10N-0.04x71.39E:0.0, h100km, mb3.9/7, Error ellipse: s-maj=7.4km s-min=4.6km az=146.2

NCC 01 22:18:54.8-0.9, 36.86N-70.91E, h146km, 10km, mb2.9, mpv3.8, Error ellipse: s-maj=8.6km s-min=4.2km az=161.0

ISC 01 22:18:47.0-0.7, 36.14N-0.07x71.40E:0.07, h100km, n39.0, f161/40, mb3.9/7, 6C-4D, Afghanistan-Tajikistan border region

Main table listing stations and their coordinates. Includes stations like DZET Dzhherino, SFK Suftu-Kurgan, AML Alamyashu, etc.

Table listing stations KKN Kakani, PKIN Pulchokhi with coordinates 14.41 121 eS and 14.62 122 eS

Main table listing stations and their coordinates. Includes stations like PKIN Pulchokhi, KURBB Kurchatov Arra, AB31 Abulak array, etc.

DDA 01 22:19:52.4, 39.93N-26.92E, h7km, MD2.7, Turkey

Table listing stations and their coordinates. Includes stations like BALY Balya, AYVA Ayvalik, SART Tekirdag, etc.

SOF 01 22:20:35.9, 39.85N-27.05E, h73km, MD2.6, DDA 01 22:20:35.5, 39.94N-26.92E, h7km, MD2.8

ISCJB 01 22:20:35.7-0.4, 39.97N-0.02-26.89E:0.02, h10km, 3km, Error ellipse: s-maj=2.9km s-min=2.7km az=8.8

CSEM 01 22:20:35.9-0.1, 39.93N-26.89E, h2km, MD3.0, Error ellipse: s-maj=2.7km s-min=2.6km az=103.0

ATH 01 22:20:35.9, 39.93N-26.85E, h2km, MD3.1/2, Error ellipse: s-maj=2.4km s-min=1.1km az=264.0

ISC 01 22:20:36.0-1.0, 39.95N-0.01-26.88E:0.01, h9km, 9km, n18.0, f664/169, 12C, Turkey

Main table listing stations and their coordinates. Includes stations like EZN Ezine, GELI Tayfur-Gelibol, KNL Bal-kesir, etc.

ICD 01 22:18:44.4-4.2, 35.93N-71.49E, h79km, 31km, mb3.6/8, mb1.3/6.14, mb1mx3.4/43, mbtmp3.8/14, MS3.4/1, Ms1.3/4.1, ms1mx2.6/32, Error ellipse: s-maj=46.8km s-min=23.5km az=139.0

ISCJB 01 22:18:45.6-0.5, 36.10N-0.04x71.39E:0.0, h100km, mb3.9/7, Error ellipse: s-maj=7.4km s-min=4.6km az=146.2

NCC 01 22:18:54.8-0.9, 36.86N-70.91E, h146km, 10km, mb2.9, mpv3.8, Error ellipse: s-maj=8.6km s-min=4.2km az=161.0

ISC 01 22:18:47.0-0.7, 36.14N-0.07x71.40E:0.07, h100km, n39.0, f161/40, mb3.9/7, 6C-4D, Afghanistan-Tajikistan border region

Main table listing stations and their coordinates. Includes stations like DZET Dzhherino, SFK Suftu-Kurgan, AML Alamyashu, etc.

2010 NOV

Table with columns: CHOS, Chios island, 1.69 203, P, Pn, 22 21 05.7 -0.1, etc. Lists various stations and their coordinates.

DDA 01 22:22:34.4, 39:87N-27:00E, h7km, Md2.7
ISCJB 01 22:22:36.9, 0.6, 39:94N-0.03:26:89E:0.04, h7km, 5km,
Error ellipse: s-maj=5.1km s-min=4.6km az=24.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and their associated data.

ATH 01 22:25:18.3, 39:93N-26:91E, h24km, 1km, MD3.2/9
CSEM 01 22:25:18.9, 0.1, 39:94N-26:90E, h8km, MD2.7, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and their associated data.

DDA 01 22:22:34.4, 39:87N-27:00E, h7km, Md2.7
ISCJB 01 22:22:36.9, 0.6, 39:94N-0.03:26:89E:0.04, h7km, 5km,
Error ellipse: s-maj=5.1km s-min=4.6km az=24.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and their associated data.

DDA 01 22:27:17.6, 39:94N-26:92E, h7km, Md3.1
ATH 01 22:27:17.3, 39:94N-26:92E, h24km, MD3.4/13
Error ellipse: s-maj=4.3km s-min=2.8km az=35.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and their associated data.

DDA 01 22:34:43.0, 0.6, 40:00N-0.04:26:94E:0.03, h15km, 8km,
Error ellipse: s-maj=7.4km s-min=4.3km az=3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and their associated data.

DDA 01 22:34:42.7, 39:97N-26:91E, h7km, Md2.7
ISCJB 01 22:34:43.3, 40:00N-26:99E, h20km, MD2.5
Error ellipse: s-maj=4.1km s-min=2.7km az=11.0

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like GELI, BALY, GONE, etc.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like EDC, MRMT, GADA, etc.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like BOZC, BALB, RYK, etc.

ISCJB 01 22:42:36.8±0.5, 39.94N±0.03, 26.89E±0.04, h3km, 13km, Error ellipse: s-maj=4.0km s-min=4.5km az=155.3

DDA 01 22:42:36.5, 39.94N±0.03, 26.91E±0.04, h7km, MD2.5

MOS 01 23:16:42.2±1.2, 16.89N±93.36W, h149km, mb5.4/50, Error ellipse: s-maj=7.4km s-min=4.2km az=98.6

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like EZN, GELI, BALY, etc.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like AKS, AKHS, LIA, etc.

ISCJB 01 23:16:45.0±0.2, 17.03N±0.02, 93.52W±0.02, h182km, 2km, mb5.2/244, Error ellipse: s-maj=4.0km s-min=2.0km az=137.5

WEL 01 22:43:54.0±0.7, 36.68S±177.39E, h174km, 6km, ML3.5/7, Error ellipse: s-maj=7.1km s-min=5.6km az=90.0, Off east coast of North Island

CSEM 01 22:49:28.1, 37.01N±23.10E, h3km, MD2.8, After ATH Greece

NEIC 01 23:16:46.7±1.7, 16.74N±93.79W, h167km, mb5.4/204, MD5.0/111, After MEX.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like HAZ, PKGZ, PUZ, etc.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like VLI, VLD, KRND, etc.

SZGRF 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISK 01 22:47:34.7, 39.95N±26.91E, h12km, MD2.6

ISCJB 01 23:07:35.1±3.2, 21.2S±177.8W±0.2, h450km, mb3.5/3, Error ellipse: s-maj=24.9km s-min=15.9km az=4.2

NEIC Felt [X] at Oaxaca. Also felt at Huayapan, Salina Cruz and Teotitlan.

Table listing stations and their coordinates for the 2010 NOV period. Includes stations like EZN, GELI, BALY, etc.

ISC 01 23:07:35.6±1.1, 21.4S±177.6W±0.2, h450km, n9, r137/10, mb3.7/3, Fiji Islands region

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

DZM Mont Dzumac 14.83 264 P 0.3nm, 0.3s, baz=178, slow=21, SNR=4.0

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

ASAR 0.5nm, 0.3s, baz=306, slow=19, SNR=2.8

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

WRA 0.9nm, 0.3s, baz=96, slow=7.5, SNR=10

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

ISK 01 23:08:50.1, 39.88N±26.90E, h4km, MD2.5

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

WRA 0.9nm, 0.3s, baz=96, slow=7.5, SNR=10

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

ISC 01 22:47:35.6±1.0, 39.93N±0.02, 26.89E±0.03, h10km, gkm, n60, r0961/94, Turkey

WRA 0.9nm, 0.3s, baz=96, slow=7.5, SNR=10

NEIC 01 23:16:49.2, 16.19N±92.12W, h175km, mb5.7/30(BGR) CASO 01 23:16:52.3±2.2, 17.01N±92.71W, h0km, 21km, MD4.6, ML4.4, MW5.6(GCMT)

JTS	JuntasAbangare	10.71 127	eP	Pn	23 19 14.3 -0.2	137A	baz=16,SNR=10	15.71 353	P	P	23 20 17.9 0.0	MSTX	Muleshoe	18.84 336	P	P	23 20 53.7 +1.3
JTS	JuntasAbangare	10.71 127	ePn	Pn	23 19 14.5 +0.1	138A	baz=16,SNR=9.6	15.71 355	P	Pn	23 20 17.3 -0.1	MSTX	Muleshoe	18.84 336	eP	Pn	23 20 54.0 -1.0
JTS			eSn	Pn	23 19 11.8 -1.7	233A	baz=16,SNR=8.5	15.75 343	P	P	23 20 19.4 +0.0	MSTX	Muleshoe	18.84 336	eScP	ScP	23 28 32.4 +1.0
035A	Encino	10.78 338	P	Pn	23 19 17.3 +2.0	DWPF	Disney	15.81 43	ePn	Pn	23 20 18.1 -0.6	V38A	Canehill	18.86 358	P	P	23 20 53.3 +0.8
936A	North Padre Is	11.97 343	P	Pn	23 19 19.3 +1.6	232A	comp=Z,800nm,1.0s	15.85 341	P	P	23 20 20.2 +0.6	X29A	Tulia	18.87 339	P	P	23 20 54.1 +1.4
034A	Hebbrownville	10.11 336	P	Pn	23 19 22.6 +3.1	135A	Vickery Place,	15.92 348	P	P	23 20 20.5 +0.2	V36A	Jenks	18.88 354	P	P	23 20 53.7 +1.0
KVTX	Kingsville	11.27 340	ePn	Pn	23 19 18.3 -3.2	330A	Mertzon	15.95 336	P	P	23 20 21.4 +0.6	V37A	Hulbert	18.91 356	P	P	23 20 53.3 +0.3
934A	Benavides	11.53 338	P	Pn	23 19 28.0 +3.0	134A	White-Moore Ra	16.08 346	P	P	23 20 22.6 +0.6	V35A	Meyer Ranch, C	18.96 352	P	P	23 20 53.9 +0.4
933A	Laredo	11.84 335	P	Pn	23 19 31.5 +2.6	STH	Stony Hill	16.08 83	i P	P	23 20 23.7 +1.4	TUL1	Tulsa	18.99 355	P	P	23 20 54.4 +0.5
835A	Beeville	11.94 342	P	Pn	23 19 32.9 +2.6	Z31A	Bronte	16.11 339	P	Pn	23 20 23.5 +1.0	TUL1	Tulsa	18.99 355	eP	P	23 20 54.2 +0.3
834A	Tilden	12.02 339	P	Pn	23 19 34.2 +2.9	HOJ	Hope	16.14 84	i P	Pn	23 20 23.5 +0.6	W31A	Holland Ranch,	19.03 344	P	P	23 20 55.3 +1.0
737A	Port Lavaca	12.05 348	P	Pn	23 19 32.7 +1.1	GWJ	Greenwich	16.16 83	i P	Pn	23 20 24.8 +1.5	X28A	Dimmitt	19.11 338	P	P	23 20 55.8 +0.5
736A	Circle Diamond	12.37 346	P	Pn	23 19 37.3 +1.5	Z39A	Irene McRaven,	16.24 358	P	Pn	23 20 24.4 +0.4	V34A	Guthrie	19.13 350	P	P	23 20 55.8 +0.4
735A	Kenedy	12.47 343	P	Pn	23 19 39.2 +2.2	Z38A	Mt. Pleasant	16.29 356	P	Pn	23 20 24.7 +0.2	V34A	Guthrie	19.13 350	eP	P	23 20 56.5 +1.1
833A	Chaparral WMA,	12.51 336	P	Pn	23 19 39.9 +2.2	Z37A	Pogue Cattle C	16.29 354	P	Pn	23 20 25.5 +0.9	W30A	Crockett Farms	19.20 342	P	P	23 20 57.0 +0.8
637A	Eagle Lake	12.69 349	P	Pn	23 19 40.9 +1.1	133A	Hamilton Ranch	16.32 344	P	Pn	23 20 25.5 +1.5	GNAR	Gosnell	19.22 9	eP	Pn	23 20 58.6 -0.6
734A	La Paritta Cree	12.69 340	P	Pn	23 19 41.1 +1.3	329A	Wagon Wheel Ra	16.35 334	P	Pn	23 20 26.3 +0.9	V33A	Lossan Ranch,	19.26 348	P	P	23 20 57.2 +0.5
734A	baz=13		S	Sn	23 21 59.2 -1.5	230A	Sterling City	16.36 337	P	Pn	23 20 26.9 +1.5	AMTX	Amarillo	19.27 340	P	P	23 20 57.8 +0.8
832A	Faith Ranch, C	12.72 334	P	Pn	23 19 42.0 +1.8	YHJ	Yallahs	16.38 84	i P	Pn	23 20 26.5 +0.6	AMTX	Amarillo	19.27 340	eP	P	23 20 58.3 +1.3
733A	Divot King Ran	12.83 337	P	Pn	23 19 43.6 +1.9	Z36A	Blue Ridge	16.45 352	P	Pn	23 20 26.9 +0.4	HALT	Halls	19.27 11	eP	P	23 20 58.4 +1.4
636A	Smothern Cree	12.87 346	P	Pn	23 19 43.8 +1.6	ABTX	Abilene, Hawle	16.54 342	P	Pn	23 20 28.2 +0.6	V32A	Arapaho	19.27 11	eP	P	23 20 58.4 +1.0
635A	Leesville	12.96 344	P	Pn	23 19 43.8 +0.5	ABTX	Abilene, Hawle	16.54 342	eP	Pn	23 20 29.4 +1.8	U37A	Salina	19.43 356	P	P	23 20 58.8 +0.2
732A	Laxson Ranch,	13.10 335	P	Pn	23 19 46.7 +1.6	Z35A	Penavien, San	16.64 349	P	Pn	23 20 29.8 +1.0	U38A	Gravette	19.43 358	P	P	23 20 58.8 +0.2
HKT	Hockley	13.11 352	eP	Pn	23 19 46.5 +1.4	229A	Bryant Ranch,	16.70 335	P	Pn	23 20 30.9 +1.3	SWET	Sewanee	19.45 19	eP	P	23 20 59.4 +0.5
HKT	Hockley	13.11 352	ePn	ScP	23 28 22.5 +2.3	SLBS	Sierra La Lagu	16.70 296	eP	Pn	23 20 32.6 +2.9	U36A	Oologah	19.46 355	P	P	23 20 59.5 +0.5
634A	China Grove, S	13.12 342	P	Pn	23 19 46.5 +1.2	Z34A	Collier Ranch,	16.81 348	P	Pn	23 20 31.7 +0.9	W29A	Amrillo	19.47 340	P	P	23 21 00.1 +0.9
539A	Cross D Ranch,	13.15 356	P	Pn	23 19 45.5 -0.1	131A	Roby	16.82 340	P	Pn	23 20 32.1 +1.1	U35A	Pawnee	19.55 352	P	P	23 20 59.3 -0.5
540A	Vidor	13.21 359	P	Pn	23 19 46.3 -0.2	Z33A	Whitaker Ranch	16.92 345	P	Pn	23 20 33.3 +1.1	V31A	Spring Creek L	19.56 343	P	P	23 21 01.0 +0.9
537A	Green Hill Far	13.31 350	P	Pn	23 19 48.7 +1.0	Y39A	Lockesburg	16.93 359	P	Pn	23 20 32.3 +0.1	GLAT	Glatfelter	19.63 10	eP	P	23 21 00.3 -0.5
538A	Harpers Horsep	13.33 353	P	Pn	23 19 48.2 +0.2	130A	Snyder	16.94 338	P	Pn	23 20 33.0 +0.6	U34A	Anderson Ranch	19.73 351	P	P	23 21 02.1 +0.3
536A	Baistrof	13.45 347	P	Pn	23 19 49.9 +0.4	Y38A	Idabel	16.94 357	P	Pn	23 20 32.6 +0.2	U34A	Anderson Ranch	19.73 351	eP	P	23 21 02.2 +0.4
633A	Saathoff Ranch	13.46 339	P	Pn	23 19 50.9 +1.2	Y36A	Durant	17.05 352	P	Pn	23 20 33.7 0.0	V30A	Spur Ranch, Mi	19.77 343	P	P	23 21 03.4 +1.0
535A	Dale	13.52 345	P	Pn	23 19 51.1 +0.7	Y37A	Hugo	17.06 354	P	Pn	23 20 34.5 +0.6	UTMT	University of	19.78 11	eP	P	23 21 03.8 +1.4
632A	Uvalde	13.72 337	P	Pn	23 19 55.0 -1.0	TIGA	Tifton	17.08 30	P	P	23 20 33.2 +0.2	W28A	Vega	19.78 339	P	P	23 21 03.5 +1.0
440A	Kirbyville	13.75 359	P	Pn	23 19 53.1 -0.1	TIGA	Tifton	17.08 30	eP	P	23 20 32.6 -0.4	WVT	Waverly	19.79 14	eP	P	23 21 02.1 -0.4
534A	Blanco	13.76 342	P	P	23 19 55.9 -0.5	LRAL	Lakeview Retre	17.11 19	eP	Pn	23 20 34.7 +0.3	WVT	Waverly	19.79 14	eP	P	23 21 02.1 -0.4
439A	Center Grove,	13.83 356	P	Pn	23 19 55.2 +0.9	Z32A	Hasckell	17.13 343	P	Pn	23 20 35.5 +0.9	U33A	Lingo Farm, Me	19.82 349	P	P	23 21 02.7 -0.1
438A	Sam Houston St	13.85 353	P	Pn	23 19 55.1 +0.6	228A	UT Block 9, Go	17.16 333	P	Pn	23 20 36.1 +1.0	U32A	Winter Ranch,	19.94 347	P	P	23 21 04.6 +0.5
631A	Perdido Cree	13.96 334	P	Pn	23 19 56.8 +0.9	Y35A	Matita	17.17 350	P	Pn	23 20 36.1 +1.0	PBMO	Poplar Bluff	19.96 8	eP	P	23 21 04.4 +0.1
533A	Kerrville	13.98 340	P	Pn	23 19 57.8 -1.0	129A	Stewart Farms,	17.31 336	P	Pn	23 20 37.6 +0.8	RGRS	Roger Stewart	19.99 35	eP	Pn	23 21 07.4 -1.0
437A	Phantom Ranch,	14.01 351	P	Pn	23 19 57.6 +1.0	Z31A	Sharp Cattle R	17.33 341	P	Pn	23 20 37.6 +0.5	T35A	Sooner Cattle	20.06 353	P	P	23 21 05.2 -0.2
436A	Wall Ranch, Ga	14.07 349	P	Pn	23 19 58.1 +0.9	Y34A	Reagan Ranch,	17.35 348	P	Pn	23 20 37.6 +0.4	LGNH	L.Oogne	20.09 82	eP	P	23 21 06.5 +0.7
435A	Jarell	14.24 346	P	Pn	23 20 00.6 +1.1	MIAR	Mout Ida	17.53 0	eP	Pn	23 20 39.1 -0.3	CSU	Charleston Sou	20.12 35	eP	Pn	23 21 09.4 -0.6
532A	Rocksprings	14.33 337	P	Pn	23 20 00.9 +0.3	MIAR	Mout Ida	17.53 0	eP	Pn	23 20 39.3 -0.1	V29A	Stinnett	20.12 341	P	P	23 21 07.2 +1.0
339A	Huntington	14.35 357	P	Pn	23 20 01.3 +0.5	MIAR	Mout Ida	17.53 0	eP	Pn	23 20 39.3 -0.1	121A	Cookes Peak, D	20.12 323	P	Pn	23 21 08.6 -1.7
340A	Bronson	14.41 359	P	Pn	23 20 01.9 +0.4	128A	Castleberry Fa	17.55 334	P	Pn	23 20 40.3 +0.6	U31A	Nine Bar Ranch	20.12 345	P	P	23 21 07.0 +0.9
338A	Crockett	14.43 354	P	Pn	23 20 02.0 +0.2	Y33A	Hilltop Ranch,	17.58 346	P	Pn	23 20 40.2 +0.2	T37A	Cheneyville 18	20.14 357	P	P	23 21 06.1 -0.1
434A	Burnet	14.45 344	P	Pn	23 20 03.0 +1.0	Z30A	Sanerson Ranc	17.62 339	P	Pn	23 20 40.4 -0.2	T36A	Boggs Farm, Ca	20.14 355	P	P	23 21 05.8 -0.4
337A	Centerville	14.46 352	P	Pn	23 20 02.4 +0.3	X35A	Drake	17.64 351	P	Pn	23 20 40.7 0.0	CPCT	Cover Cave	20.14 25	eP	Pn	23 21 06.5 +0.3
531A	Rocksprings	14.61 336	P	P	23 20 05.6 -0.2	X37A	Clayton	17.64 355	P	Pn	23 20 41.4 +0.7	NHSC	New Hope	20.15 32	eP	Pn	23 21 09.4 -1.0
JCT	Junction City	14.61 338	eP	Pn	23 20 06.8 +0.9	X38A	Whitesboro	17.69 357	P	Pn	23 20 41.5 +0.2	V28A	Channing	20.24 339	P	P	23 21 08.3 +0.9
JCT	Junction City	14.61 338	P	Pn	23 20 05.1 +1.0	X36A	Dan SNR=142	17.73 353	P	Pn	23 20 41.7 0.0	T34A	McClaskey Farm	20.25 352	P	P	23 21 06.9 -0.5
JCT	Junction City	14.61 338	ePn	Pn	23 20 06.8 +0.9	Y32A	R-V Farms, Ver	17.78 344	P	Pn	23 20 42.5 +0.1	V27A	Dan Oppiter Fa	20.45 338	P	P	23 21 10.3 +0.6
433A	Art	14.63 341	P	Pn	23 20 05.2 +0.9	UALR	University of	17.80 3	eP	Pn	23 20 43.0 +0.4	T33A	Patterson Ranc	20.47 349	P	P	23 21 09.6 -0.2
336A	Riesel	14.68 349	P	Pn	23 20 05.7 +0.8	UJLR	University of	17.81 337	eP	ScP	23 28 30.5 +1.6	U30A	WK&E Inc. Balk	20.48 344	P	P	23 21 11.3 +1.3
335A	Moody	14.69 347	P	Pn	23 20 06.4 -0.3	Z29A	Hungry Hill Ra	17.81 337	P	Pn	23 20 42.3 -0.5	U29A	Oasis Ranch, S	20.58 342	P	P	23 21 12.5 +1.5
NATX	Nacogdoches	14.78 357	ePn	Pn	23 20 07.7 +0.6	PAYG	Puerto Ayora	17.81 169	eP	Pn	23 20 44.6 +1.7	TKL	Tuckaleechee C	20.60 23	P	P	23 21 10.2 -1.0
NATX	Nacogdoches	14.78 357	ePn	Pn	23 20 06.0 +0.8	GTBY	Guantanamo Ba	17.82 78	eP	Pn	23 20 42.4 -0.5	T32A	Huddler Site	20.70 348	P	P	23 21 12.4 +0.2
530A	J-C Ranch, Com	14.92 333	P	Pn	23 20 09.9 +0.7	OXF	Oxford	17.90 11	eP	P	23 20 42.6 +0.6	S37A	Fort Scott	20.77 357	P	P	23 21 12.9 0.0
334A	Lometa	14.93 345	P	Pn	23 20 08.8 -0.5	OXF	Oxford	17.90 11	eP	P	23 20 42.6 +0.6	S36A	Lake Cedric, C	20.78 356	P	P	23 21 13.1 +0.1
432A	Menard	14.97 339	P	Pn	23 20 09.7 -0.1	Y31A	Rekieta Farm,	17.97 342	P	Pn	23 20 44.5 -0.1	S35A	Otter Creek Ra	20.80 354	P	P	23 21 13.0 -0.2
239A	Gary	15.03 357	P	Pn	23 20 09.6 +0.4	X34A	Smith Ranch, M	17.99 349	P	Pn	23 20 44.7 -0.1	U28A	Mallet	20.81 340	P	P	23 21 14.6 +1.1
238A	Jacksonville	15.06 355	P	Pn	23 20 10.7 -0.1	GDL2	Gudalupde Moun	18.04 329	eP	Pn	23 20 47.0 +1.4	Y22D	IRIS PASSCAL I	20.82 328	P	P	23 21 14.4 +0.7
431A	Sonora	15.09 336	P	Pn	23 20 11.7 +0.5	X33A	Lawton	18.06 347	P	Pn	23 20 45.0 -0.7	Y22D	IRIS PASSCAL I	20.82 328	eP	Pn	23 21 17.3 -1.6
MBJ	Montego Bay	15.09 82	i P	Pn	23 20 11.5 +0.1	W38A	Poteau	18.07 358	P	Pn	23 20 45.4 -0.4	LPM	Los Cinos Hill	20.86 328	eP	P	23 21 16.8 +2.7
237A	Washetta, Mont	15.12 353	P	Pn	23 20 11.0 +0.6	Y30A	Stafford Cattl	18.09 340	P	Pn	23 20 45.6 -0.4	S34A	Willow Spring	20.91 352	P	P	23 21 14.2 -0.2
333A	Richardson Sprin	15.13 342	P	Pn													

R34A	baz=22,SNR=63	21.52	352	P	P	23 21 20.0	-0.9
USIN	University of comp=Z,41nm,0.8s	21.59	13	eP	P	23 21 21.5	-0.2
T27A	Comp	21.59	340	P	P	23 21 22.3	+0.4
R33A	Olander Ranch, baz=22,SNR=15	21.63	351	P	P	23 21 21.3	-0.8
S29A	Ulysses	21.63	344	P	P	23 21 23.2	+1.0
TUC	Tucson	21.80	318	eP	Pmax	23 21 26.5	+2.5
TUC	comp=Z,71nm,1.1s	21.80	318	eP	P	23 21 26.5	+2.5
TUC	comp=Z,71nm,1.1s	21.80	318	eP	P	23 21 26.5	+2.5
SLM	Saint Louis	21.82	7	eP	Pmax	23 21 23.5	-0.5
SLM	comp=Z,158nm,0.9s	21.82	7	eP	P	23 21 23.5	-0.5
S28A	Manter	21.82	342	P	P	23 21 23.8	-0.4
R32A	Long Quarter, baz=22,SNR=27	21.86	349	P	P	23 21 24.2	-0.3
Q37A	Longview Farm, baz=22,SNR=12	21.87	358	P	P	23 21 23.4	-1.1
R31A	Burde	21.89	347	P	P	23 21 24.4	-0.4
Q35A	Mercer Eighty, baz=22,SNR=2	21.94	355	P	P	23 21 24.0	-1.3
T26A	Comanche Natio, baz=22,SNR=40	21.99	338	P	P	23 21 26.6	+0.6
Q36A	Arnold C. Orve, baz=22	22.00	356	P	P	23 21 24.2	-1.6
R30A	Dighton	22.05	346	P	P	23 21 26.7	+0.2
Q34A	Chapman	22.09	353	P	P	23 21 26.0	-0.7
WCI	Wyandotte Cave	22.16	15	eP	Pmax	23 21 27.1	-0.4
WCI	comp=Z,105nm,0.8s	22.16	15	eP	P	23 21 27.1	-0.4
WCI	comp=Z,105nm,0.8s	22.16	15	eP	P	23 21 27.1	-0.4
S27A	Las Animas	22.22	340	P	P	23 21 28.1	0.0
KSU1	Kansas State U, baz=22,SNR=8.7	22.23	354	eP	P	23 21 27.6	-0.5
KSU1	Kansas State U, comp=Z,92nm,0.7s	22.23	354	eP	P	23 21 28.1	+0.1
OLIL	Olney	22.25	11	eP	P	23 21 27.9	-0.2
OLIL	comp=Z,293nm,1.3s	22.25	11	eP	P	23 21 27.9	-0.2
T25A	Trinidad	22.26	337	eScP	ScP	23 28 40.6	+1.4
T25A	baz=22,SNR=115	22.26	337	eP	P	23 21 30.8	+2.2
Q33A	Connely Farm, baz=22,SNR=14	22.28	351	P	P	23 21 28.3	-0.2
OTAV	Otavalo	22.34	136	eP	P	23 21 31.4	+1.6
OTAV	comp=Z,437nm,1.9s	22.34	136	eP	P	23 21 31.4	+1.6
S26A	Kim	22.35	339	P	S	23 25 29.2	+6.1
Q32A	Mettler Ranch, baz=23,SNR=46	22.39	350	P	P	23 21 29.2	-0.3
R29A	Marienthal	22.39	344	P	P	23 21 30.2	+0.5
ROSC	El Rosal	22.40	120	P	P	23 21 28.8	-1.6
CBKS	Cedar Bluff	22.44	347	eP	Pmax	23 21 31.5	+1.4
CBKS	comp=Z,125nm,0.7s	22.44	347	eP	P	23 21 30.2	+0.1
CBKS	Cedar Bluff, baz=23,SNR=9.5	22.44	347	eP	P	23 21 31.5	+1.4
R28A	Tribune	22.50	343	P	P	23 21 31.1	+0.4
Q31A	Ellis	22.55	348	P	P	23 21 31.2	0.0
P35A	Duane Miner, baz=23,SNR=24	22.60	355	P	P	23 21 30.5	-1.0
P36A	Good Intent, A, baz=23,SNR=16	22.64	357	P	P	23 21 31.2	-0.7
P33A	Williams Farm, baz=23,SNR=7.4	22.69	352	P	P	23 21 32.1	-0.3
P34A	Walnut Farm, R, baz=23,SNR=32	22.70	347	P	P	23 21 33.2	+0.7
Q30A	Quinter	22.74	341	P	P	23 21 34.0	+1.0
R27A	Eads	22.74	341	P	P	23 21 34.0	+1.0
Q29A	Oakley	22.79	345	P	P	23 21 34.0	+0.6
214A	Organ Pipe Nat, baz=23,SNR=18	22.93	314	P	P	23 21 36.6	+1.9
BLO	Bloomington	23.00	14	eP	Pmax	23 21 35.2	0.0
BLO	comp=Z,70nm,0.7s	23.00	14	eP	P	23 21 35.2	0.0
BLO	Bloomington, comp=Z,70nm,0.7s	23.01	350	P	P	23 21 35.5	+0.3
P32A	Huiling Farm, baz=23,SNR=11	23.05	349	P	P	23 21 36.2	+0.6
P31A	Stockton	23.12	325	P	P	23 21 37.1	+0.6
W18A	Petrified Fore, baz=23	23.12	325	eP	P	23 21 41.7	+5.1
W18A	Petrified Fore, baz=23	23.12	325	eP	P	23 21 41.7	+5.1
O36A	Bolckow	23.14	357	P	P	23 21 35.9	-0.4
Q28A	Sharon Springs, baz=23,SNR=49	23.18	344	P	P	23 21 37.6	+0.8
SDCO	Great Sand Dun, baz=23,SNR=70	23.21	336	P	P	23 21 38.9	+1.5
SDCO	Great Sand Dun, comp=Z,268nm,2.0s	23.21	336	eP	P	23 21 39.6	+2.1
P30A	Selden	23.25	347	P	P	23 21 38.1	+0.6
Q33A	Hebron	23.31	352	P	P	23 21 37.7	-0.3
Q34A	Beatrice	23.31	354	P	P	23 21 37.7	-0.3
BLA	Blacksburg	23.32	27	eP	Pmax	23 21 38.2	+0.1
BLA	comp=Z,127nm,1.2s	23.32	27	eP	P	23 21 38.2	+0.1
Q35A	Humboldt	23.33	356	P	P	23 21 37.6	-0.5
KSCO	Kaye Sheddock, baz=24,SNR=12	23.35	342	P	P	23 21 38.9	+0.4
KSCO	Kaye Sheddock, comp=Z,1um,2.0s	23.35	342	eP	P	23 21 40.1	+1.6
P29A	Atwood	23.46	346	P	P	23 21 39.8	+0.4
Q32A	Brockman Farm, baz=24	23.59	351	P	P	23 21 40.9	+0.4
P28A	Saint Francis, baz=24,SNR=20	23.64	344	P	P	23 21 41.7	+0.6
Q31A	Woolen Ranch, baz=24,SNR=12	23.65	349	P	P	23 21 41.4	+0.3
SDV	Santo Domingo, comp=Z,102nm,0.7s	23.78	107	eP	P	23 21 41.3	-1.4
SDV	comp=Z,102nm,0.7s	23.78	107	eP	ScP	23 28 46.5	+2.4
SDV	comp=Z,102nm,0.7s	23.78	107	eP	ScS	23 32 31.2	-0.3
O30A	MW Ranch, Wils, baz=24,SNR=16	23.82	348	P	P	23 21 42.5	-0.2
HDIL	Hopedale	23.83	8	P	P	23 21 41.7	-1.0
HDIL	Hopedale, baz=24,SNR=8.6	23.83	8	eP	P	23 21 43.6	+0.9
N35A	Tabor	23.90	356	P	P	23 21 43.2	-0.2
O29A	4D Ranch, Culb, baz=24,SNR=20	23.93	346	P	P	23 21 43.8	+0.1
N34A	Lincoln	23.94	355	P	P	23 21 43.6	-0.1
N33A	J Bar K, Exete, baz=24,SNR=5.5	23.94	353	P	P	23 21 43.8	+0.1
SFIN	Scholer Farm, baz=24,SNR=12	24.03	12	eP	P	23 21 43.7	-0.8
SFIN	Scholer Farm, baz=24,SNR=12	24.03	12	eP	P	23 21 44.0	-0.6
N32A	Stulken Farm, baz=24	24.08	351	P	P	23 21 44.9	-0.1
MVCO	Mesa Verde, baz=24,SNR=18	24.08	330	P	P	23 21 46.5	+1.2

MVCO	Mesa Verde, comp=Z,55nm,0.9s	24.08	330	eP	P	23 21 45.2	-0.1
Q24A	Divide	24.14	338	P	P	23 21 45.9	-0.1
Q24A	baz=24,SNR=18	24.14	338	eP	P	23 21 47.7	+1.8
Q28A	Krutsinger Ranch, baz=24,SNR=20	24.16	345	P	P	23 21 46.6	+0.7
N31A	Bailey Ranch, baz=24	24.24	350	P	P	23 21 46.9	+0.4
WUAZ	Wupatki, baz=24,SNR=7.7	24.33	323	P	P	23 21 49.3	+1.8
WUAZ	Wupatki, comp=Z,97nm,0.9s	24.33	323	eP	ScP	23 21 50.6	+3.1
WUAZ	comp=Z,97nm,0.9s	24.33	323	eP	ScP	23 28 46.7	+1.5
N30A	Hueftle Ranch, baz=25,SNR=11	24.42	348	P	P	23 21 48.8	+0.7
M35A	Neola	24.51	356	P	P	23 21 48.8	0.0
N29A	Votaw Ranch, W, baz=25,SNR=7.5	24.55	347	P	P	23 21 49.7	+0.3
M34A	Aspy Farms, Fr, baz=25,SNR=12	24.61	355	P	P	23 21 50.2	+0.4
N28A	Pridden Ranch, baz=25,SNR=6.1	24.63	345	P	P	23 21 51.1	+1.0
BGNE	Belgrade	24.69	352	P	P	23 21 50.7	+0.1
BGNE	Belgrade, baz=25,SNR=8.3	24.69	352	eP	P	23 21 51.5	+1.0
M33A	Taylor Creek F, baz=25	24.74	354	P	P	23 21 50.9	-0.1
M31A	Lambrecht Ranc, baz=25,SNR=11	24.75	350	P	P	23 21 51.5	+0.4
PV01	Paradox Valley, SCIA, comp=Z,122nm,0.8s	24.86	331	eP	P	23 21 55.4	+3.0
SCIA	Glamis	24.95	314	eS	P	23 21 56.1	+3.0
GLA	Glamis, comp=Z,141nm,1.8s	24.95	314	eP	Pmax	23 21 53.9	+0.9
GLA	Glamis, baz=25	24.95	314	eP	P	23 21 56.1	+3.0
URVA	University of, comp=Z,140nm,1.8s	24.96	31	eP	P	23 22 32.3	+4.4
ACSO	Alum Creek Sta, comp=Z,1um,3.0s	24.98	20	eP	P	23 21 52.3	-0.8
OGNE	Ogallala, baz=25,SNR=15	25.00	345	P	P	23 21 54.6	+1.2
OGNE	Ogallala, comp=Z,343nm,1.4s	25.00	345	eP	P	23 21 55.2	+1.8
SMCO	Snowmass, comp=Z,277nm,2.3s	25.03	335	eP	P	23 21 56.4	+2.3
SMCO	Idaho Springs, comp=Z,22nm,0.7s	25.05	338	eScP	ScP	23 28 47.3	0.0
ISCO	Idaho Springs, baz=25,SNR=38	25.05	338	eP	Pmax	23 21 55.8	+1.6
ISCO	Idaho Springs, comp=Z,22nm,0.7s	25.05	338	eP	P	23 21 55.8	+1.6
L34A	Svensen Farm, baz=25	25.05	355	P	P	23 21 53.8	0.0
PV05	Paradox Valley, M30A, Dale-Ortelio V	25.06	330	eP	P	23 21 56.7	+2.5
M30A	Dale-Ortelio V, baz=25	25.09	349	P	P	23 21 54.8	+0.5
L35A	Blow Farm, R, baz=25,SNR=9.9	25.14	357	P	P	23 21 54.2	-0.4
M29A	Burnside Ranch, baz=25	25.16	347	P	P	23 21 55.4	+0.5
PDMCO	Parker Dam,Lak, baz=25	25.23	317	P	P	23 21 56.8	+1.3
L32A	Elgin, baz=26	25.26	352	P	P	23 21 56.3	+0.6
M28A	Bar X Bar Ranc, baz=26	25.27	346	P	P	23 21 56.3	+0.4
PV10	Paradox Valley, L33A, Hoskins	25.27	331	eP	P	23 21 58.8	+2.7
L33A	Hoskins, baz=26	25.33	354	P	P	23 21 56.6	+0.3
PV09	Paradox Valley, baz=26,SNR=7.5	25.41	331	eP	P	23 22 00.5	+3.1
L30A	Spencer Herefo, baz=26,SNR=10	25.47	349	P	P	23 21 58.2	+0.6
CBN	Corbin	25.54	31	eP	P	23 22 30.6	-2.8
L31A	Butterfield Fa, baz=25,SNR=9	25.54	351	P	P	23 21 58.7	+0.5
SWSC	Sam W. Stewart, baz=26	25.57	313	P	P	23 21 58.8	+0.3
MCWV	Mont Chateau, K36A, Gilmore City	25.62	25	eP	P	23 22 34.3	+0.2
K36A	Gilmore City, baz=25,SNR=1	25.62	359	P	P	23 21 58.5	-0.4
IBP	Imperial Bould, baz=26,SNR=8.3	25.62	312	P	P	23 22 00.3	+1.1
K38A	Parkersburg, baz=26,SNR=14	25.63	1	P	P	23 21 58.4	-0.6
AOPR	Arcobio Observ, comp=Z,180nm,1.6s	25.64	83	eP	P	23 21 55.6	-3.8
L29A	Maesberg Ranch, baz=26	25.72	348	P	P	23 22 00.4	+0.5
BC3	Big Chuckawall, baz=26,SNR=18	25.73	314	P	P	23 22 01.5	+1.4
K35A	Storm Lake, baz=26	25.73	357	P	P	23 21 59.8	-0.1
K33A	Hardington, baz=26,SNR=9.0	25.74	354	P	P	23 22 00.2	+0.1
K37A	Belmond, baz=26,SNR=52	25.74	360	P	P	23 21 59.1	-0.9
K34A	Le Mars, baz=26	25.75	356	P	P	23 21 59.8	-0.3
IRM	Iron Mountain, baz=26	25.82	316	P	P	23 22 01.2	+0.4
L28A	Connealy Angus, baz=26	25.88	346	P	P	23 22 02.3	+0.9
K32A	Verdigre, baz=26,SNR=10	25.90	353	P	P	23 22 01.5	+0.1
K31A	O'Neill, baz=26	25.97	351	P	P	23 22 02.6	+0.5
JFWS	Jewell Farm, comp=Z,80nm,0.6s	26.05	6	eP	Pmax	23 22 02.3	-0.5
JFWS	Jewell Farm, comp=Z,80nm,0.6s	26.05	6	eP	P	23 22 02.3	-0.5
N23A	Red Feather La, baz=26,SNR=9.4	26.13	338	eP	P	23 22 04.3	+0.4
N23A	Red Feather La, comp=Z,163nm,2.3s	26.13	338	eP	P	23 22 06.0	+2.1
K30A	Basset, baz=26,SNR=20	26.15	350	P	P	23 22 04.5	+0.8
SJG	San Juan, comp=Z,5.9nm,0.3s, baz=282,slow=19,SNR=2.5	26.22	83	P	ScP	23 22 01.9	-2.7
SJG	San Juan, comp=Z,18nm,0.7s, baz=233,slow=5,1,SNR=4.1	26.22	83	eP	P	23 28 01.9	+1.3
SJG	San Juan, baz=26	26.22	83	eP	P	23 22 02.0	-2.5
J37A							

1d 23h

Table with columns: Station, Name, Time, Frequency, Power, SNR, and various status indicators (eP, pP, ScP, etc.). Includes stations like Darwin (Calif), Troy Canyon, Alexandria, etc.

2010 NOV

Table with columns: Station, Name, Time, Frequency, Power, SNR, and various status indicators. Includes stations like Embarrass, Pine Crest Far, C36A, etc.

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Table with columns: Station, Name, Time, Frequency, Power, SNR, and various status indicators. Includes stations like ULM, Lac du Bonnet, HRY, etc.

1d 23h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MOS, LPSR, VSR, VOR, etc.

2010 NOV

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, KMI, GKN, GUN, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATH, CSEM, ISCB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DEMI Demirci, CHOS Chios island, ULUDT Uludag, etc.

IDC 02 00:59:11.2,4.3,4:44S:99.89E, h0km, mb3.9/6, mb1 4.0/6, mb 1mx3.6/33, mbmp3.9/6, Error ellipse: s-maj=93.7km s-min=28.6km az=6.0

ISCJB 02 00:59:14.4,2.0,3:35S:0.3x100.1E,0.4, h33km, mb3.9/6, Error ellipse: s-maj=75.0km s-min=21.8km az=145.5

ISC 02 00:59:16.3,2.3,3:45S:0.4,100.0E,0.5, h35km, n13, c05717, mb3.9/6, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

IDC 02 01:02:35.5,999.0,62:28N:43:12E, h0km, Error ellipse: s-maj=639.4km s-min=241.6km az=121.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, etc.

CSEM 02 01:04:17.8,0.1,39:94N:26:82E, h20km, MD2.5, Error ellipse: s-maj=3.0km s-min=3.2km az=13.0

ISC 02 01:04:17.1,39:93N:26:85E, h116km, MD2.5, DDA 02 01:04:17.2,39:96N:26:91E, h7km, MD2.8

ISCJB 02 01:04:18.1,0.5,39:93N:0.04:26:86E,0.0, h20km, 19km, Error ellipse: s-maj=6.1km s-min=5.2km az=6.2

ISC 02 01:04:17.2,1.1,39:93N:0.03:26:86E,0.02, h12km, 12km, n25, c0540/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EZN Ezine, GELI Tayfur-Gelibol, BALB Balikesir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BALB Balikesir, AKHS Akhisar, DEMI Demirci, etc.

IDC 02 01:19:40.7,3.2,13:90N:122:72E, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.5/48, mbmp4.0/3, MS2.4/1, Ms1 2.4/1, ms1mx2.3/38, Error ellipse: s-maj=284.1km s-min=28.7km az=63.0, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KRSR Korea Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 02 01:36:56.3,0.2,41:84N:22:99E, h2km, ML1.8, Error ellipse: s-maj=5.7km s-min=3.6km az=61.0

ATH 02 01:36:56.1,41:85N:22:92E, h18km, 6km, MD2.5/5, BEO 02 01:36:57.1,0.4,41:86N:22:94E, h0km, ML2.0/3

THE 02 01:36:57.7,1.4,78N:22:98E, h0km, 1km, ML1.8/6, Error ellipse: s-maj=2.0km s-min=0.7km az=187.0

ISC 02 01:36:56.1,1.2,41:86N:0.03:22:99E,0.03, h4km, 12km, n32, c0560/57, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VAY Valandovo, KNT Kendrikon, etc.

KNET 02 01:56:34.5,0.1,39:61N:70:69E, mb2.5, Error ellipse: s-maj=1.0,9,39:68N:0.07:70:68E,0.07, h10km, Error ellipse: s-maj=10.9km s-min=6.9km az=153.4

NNC 02 01:56:37.4,4.9,39:76N:70:95E, h7km, 31km, mb3.7, mpv3.3, Error ellipse: s-maj=38.4km s-min=17.8km az=147.0

ISC 02 01:56:36.5,1.0,39:75N:0.05:70:87E,0.04, h10km, n23, c2500/37, 12C-20D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZET Dzhirino, SFK Sufi-Kurgan, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AOS Alonnissos, SKIA Skiathos, NEO Neokhori, etc.

ISCJB 02 01:55:38.9,0.8,19:25S:0.1x169.6E,0.1, h246km, mb3.8/7, Error ellipse: s-maj=23.6km s-min=12.0km az=135.0

IDC 02 01:55:40.7,3.0,19:04S:169:48E, h248km, 27km, mb3.5/7, mb1 3.8/8, mb1mx3.5/30, mbmp4.1/8, Error ellipse: s-maj=27.5km s-min=22.4km az=173.0

ISC 02 01:55:40.2,0.9,19:25S:0.2:169.5E,0.2, h246km, n12, c1522/13, mb3.7/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, CZM Charters Tower, WRA Warramunga Arr, etc.

KNET 02 01:56:34.5,0.1,39:61N:70:69E, mb2.5, Error ellipse: s-maj=1.0,9,39:68N:0.07:70:68E,0.07, h10km, Error ellipse: s-maj=10.9km s-min=6.9km az=153.4

NNC 02 01:56:37.4,4.9,39:76N:70:95E, h7km, 31km, mb3.7, mpv3.3, Error ellipse: s-maj=38.4km s-min=17.8km az=147.0

ISC 02 01:56:36.5,1.0,39:75N:0.05:70:87E,0.04, h10km, n23, c2500/37, 12C-20D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZET Dzhirino, SFK Sufi-Kurgan, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAPV, ROSC, VIGV, SOCV, etc.

DDA 02 03:20:05.7, 39.70N, 39.25E, h7km, MD2.8
ISK 02 03:20:06.3, 39.89N, 39.29E, h15km, MD2.6

CSEM 02 03:20:07.0, 0.2, 39.88N, 39.36E, h18km, MD2.6
Error ellipse: s-maj=6.5km s-min=4.3km az=96.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KELT, ERZN, REFA, etc.

ISC/JB 02 03:21:03.0, 0.4, 39.94N, 0.03, 26.91E, 0.03, h7km, 4km,
Error ellipse: s-maj=4.6km s-min=3.9km az=148.8

DDA 02 03:21:03.1, 39.94N, 26.91E, h7km, MD2.8
CSEM 02 03:21:03.4, 0.2, 39.95N, 26.91E, h8km, MD2.7, Error

elliptipse: s-maj=4.0km s-min=3.4km az=153.0
ISK 02 03:21:03.0, 39.97N, 26.92E, h8km, MD2.7

ATH 02 03:21:05.0, 39.91N, 26.81E, h16km, 3km, MD2.9/6
ISC 02 03:21:05.1, 0.3, 39.95N, 0.02, 26.91E, 0.02, h7km, 10km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZN, GELI, KNL, etc.

ISC 02 03:35:12.6, 8.0, 15.33N, 93.11W, h0km, mb3.5/3,
mb1.3/8.5, mb1mx3.4/4.3, mbtmp3.4/5, ML3.3/2, MS3.8/1,

Ms1.3/7.1, ms1mx2.9/2.7, Error ellipse: s-maj=221.5km
s-min=45.9km az=33.0

MEX 02 03:35:16.8, 0.7, 14.58N, 93.66W, h15km, 69km, MD3.9
ISC 02 03:35:13.6, 2.0, 14.8N, 0.1, 93.86W, 0.08, h10km, n9,

az=156/11, mb3.5/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, TGIG, CCIG, etc.

CASC 02 03:36:51.0, 2.0, 13.10N, 91.97W, h35km, 115km, MD4.5
IDC 02 03:36:51.0, 1.0, 13.57N, 91.21W, h0km, mb4.1/1.4,

mb1.4/3.1/6, mb1mx4.1/4.2, mbtmp4.1/1.6, ML4.0/1, MS4.1/10,
Ms1.4/1.1/10, ms1mx3.9/3.7, Error ellipse: s-maj=32.3km
s-min=16.1km az=52.0

ISC/JB 02 03:36:53.8, 0.4, 13.50N, 0.05, 91.54W, 0.04, h28km,
mb4.7/6.0, MS4.2/9, Error ellipse: s-maj=8.9km
s-min=3.9km az=35.1

NEIC 02 03:36:57.4, 1.1, 13.55N, 91.38W, h42km, 10km, mb4.9/5/1,
MD4.4(MEX), Error ellipse: s-maj=12.9km s-min=7.1km
az=221.0

NEIC Felt at San Jose.
MEX 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4

ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,
az=112/274, mb4.9/5/9, MS4.1/9, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG, PCG, NBG, etc.

ISC/JB 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4
ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,

az=112/274, mb4.9/5/9, MS4.1/9, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HKT, 732A, 633A, etc.

ISC/JB 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4
ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,

az=112/274, mb4.9/5/9, MS4.1/9, Near coast of Guatemala

ISC/JB 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4
ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 231A, 236A, 133A, etc.

ISC/JB 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4
ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,

az=112/274, mb4.9/5/9, MS4.1/9, Near coast of Guatemala

ISC/JB 02 03:37:01.5, 0.8, 13.71N, 92.48W, h22km, 24km, MD4.4
ISC 02 03:36:54.8, 0.7, 13.43N, 0.08, 91.50W, 0.08, h28km, n280,

T34A	McCloskey Farm	24.04 349	P	P	03 42 06.7	-0.8
TZ1N	Tazewell	24.10 16	eP	P	03 42 06.3	-1.8
121A	Coakes Peak, D	24.15 325	P	P	03 42 09.8	+0.0
121A	Coakes Peak, D	24.15 325	eP	P	03 42 10.5	+1.7
V28A	Channing	24.23 338	P	P	03 42 09.6	+0.2
SIUC	Southern Illin	24.27 4	eP	P	03 42 09.6	0.0
S37A	Fort Scott	24.41 354	P	P	03 42 09.7	-1.2
U30A	WK&E Inc. Balk	24.43 342	P	P	03 42 11.2	+0.1
V27A	Dan Oppiter Fa	24.46 337	P	P	03 42 11.4	-0.2
S36A	Lake Cedric, C	24.47 352	P	P	03 42 11.4	0.0
S35A	Otter Creek Ra	24.53 351	P	P	03 42 11.9	-0.1
U29A	Oasis Ranch, S	24.55 341	P	P	03 42 12.8	+0.6
BNM	Barren Site	24.78 329	eP	P	03 42 16.7	+2.1
U26A	Mallet	24.80 339	P	P	03 42 14.2	-0.4
LPM	Los Pinos Moun	24.91 329	eP	P	03 42 16.9	+1.2
R37A	Teagarden Farm	24.96 354	P	P	03 42 15.9	0.0
U27A	Thompson Grove	25.05 338	P	P	03 42 17.3	+0.4
S32A	Newby Ranch, P	25.06 346	P	P	03 42 17.5	+0.7
WCI	Wyandotte Cave	25.13 10	eP	P	03 42 16.6	-0.9
SLM	Saint Louis	25.13 2	eP	P	03 42 17.2	-0.2
L29A	Hugoton	25.20 341	P	P	03 42 18.5	+0.4
TZ9A	Ladron	25.24 328	eP	P	03 42 20.1	+1.4
R34A	Isabella, Hill	25.29 349	P	P	03 42 19.1	+0.2
ANMO	Albuquerque	25.33 330	P	P	03 42 20.6	+1.1
ANMO	Albuquerque	25.33 330	eP	P	03 42 21.1	+1.6
OLIL	Olney	25.38 6	eP	P	03 42 20.2	+0.6
S29A	Ulysses	25.57 342	P	P	03 42 21.8	+0.3
R32A	Long Quarter,	25.70 347	P	P	03 42 22.3	-0.3
R31A	Burdett	25.77 345	P	P	03 42 22.8	-0.5
TUC	Tucson	25.78 320	eP	P	03 42 23.7	0.0
Q34A	Chapman	25.84 350	P	P	03 42 23.3	-0.6
R30A	Dighton	25.95 344	P	P	03 42 24.6	-0.3
T26A	Comanche Natio	26.00 338	P	P	03 42 25.0	+0.4
BLO	Bloomington	26.02 9	eP	P	03 42 26.4	0.0
Q32A	Meitler Ranch,	26.21 347	P	P	03 42 27.1	-0.2
T25A	Trinidad	26.28 336	P	P	03 42 29.0	+0.9
T25A	Trinidad	26.28 336	eP	P	03 42 30.4	+2.3
P36A	Good Intent, A	26.29 354	P	P	03 42 28.2	+0.3
P34A	Walnut Farm, R	26.44 351	P	P	03 42 29.0	-0.3
Q30A	Quinter	26.59 345	P	P	03 42 31.0	+0.3
Q29A	Oakley	26.71 343	P	P	03 42 32.2	+0.4
SFIN	Scholer Farm	27.12 7	P	P	03 42 35.7	+0.3
SDCO	Great Sand Dun	27.24 335	P	P	03 42 37.0	+0.2
SDCO	Great Sand Dun	27.24 335	eP	P	03 42 38.8	+1.9
ACVO	Alum Creek Sta	27.73 14	eP	P	03 42 40.0	-0.9
MVCO	Mesa Verde	28.13 330	P	P	03 42 45.6	+0.8
MVCO	Mesa Verde	28.13 330	eP	P	03 42 44.3	-0.5
WUAZ	Wupatki	28.36 324	P	P	03 42 47.0	+0.2
WUAZ	Wupatki	28.36 324	eP	P	03 42 46.5	-0.3
PV01	Paradox Valley	28.91 331	eP	P	03 42 53.5	+1.8
PV05	Paradox Valley	29.11 331	eP	P	03 42 55.8	+2.3
PV10	Paradox Valley	29.32 331	eP	P	03 42 54.9	-0.5
JFWS	Jewell Farm	29.40 2	eP	P	03 42 54.8	-0.9
I38A	Scanlon Farm,	30.51 359	P	P	03 43 04.7	-0.8
MSU	Marysvalle	30.99 327	eP	P	03 43 12.6	+2.5
SPMN	St. Paul	31.71 358	P	P	03 43 14.6	-1.4
SPMN	St. Paul	31.71 358	eP	P	03 43 14.7	-1.4
NLU	North Lily Min	32.02 329	eP	P	03 43 22.1	+2.9
I25A	Richford	32.24 343	P	P	03 43 20.6	-0.4
RCJ	Ross Creek	32.26 331	eP	P	03 43 23.3	+2.1
MPMC	Manual Propsec	32.44 319	P	P	03 43 23.7	+0.7
DUG	Dugway	32.58 329	eP	P	03 43 23.7	-0.2
R11A	Troy Canyon, C	32.75 324	P	P	03 43 25.9	+0.3
GRAC	Grapevine Rang	32.95 320	P	P	03 43 27.5	+0.4
SADO	Sadowa	32.97 16	P	P	03 43 25.3	-1.8
SADO	Sadowa	32.97 16	eP	P	03 43 25.9	-1.2
HWUT	Hardware Ranch	33.06 332	eP	P	03 43 27.0	-1.3
E35A	Pequot Lakes	33.11 356	P	P	03 43 27.9	-0.5
E34A	Wadena	33.12 355	P	P	03 43 28.0	-0.5
BGU	Big Grassy Mou	33.23 330	eP	P	03 43 26.8	-2.9
SPUT	South romonto	33.25 331	eP	P	03 43 30.9	+1.1
PKM	Peak Mountain	33.33 315	P	P	03 43 30.2	-0.4
V5A	Vestal, Richgr	33.36 317	P	P	03 43 30.6	-0.1
D35A	Remer	33.61 357	P	P	03 43 31.1	-1.6
D37A	Cotton	33.63 359	P	P	03 43 31.4	-1.5
D36A	Goodland	33.67 358	P	P	03 43 31.5	-1.7
E28A	Huff	33.94 349	P	P	03 43 35.3	-0.2
REDW	Red Top Meadow	34.16 335	eP	P	03 43 38.0	+0.1
C38A	Sawbill Land.	34.18 0	P	P	03 43 35.6	-2.0
SNOW	Snow King Moun	34.21 335	eP	P	03 43 39.2	+1.0
E26A	Carlson Angus	34.21 346	P	P	03 43 37.6	-0.4
C35A	Jirik Farms, M	34.23 357	P	P	03 43 36.7	-1.4
ELK	Elko	34.23 327	P	P	03 43 39.3	+0.8
C36A	Pine Crest Far	34.24 358	P	P	03 43 36.9	-1.3
LOHW	Long Hollow	34.27 335	eP	P	03 43 38.6	-0.1
C39A	Grand Marais	34.30 2	P	P	03 43 36.9	-1.8
TPAW	Teton Pass	34.31 335	eP	P	03 43 40.6	+1.5
EYMN	Ely	34.41 0	P	P	03 43 37.6	-2.0

NV01	Mina Array Sit	34.42 321	eP	P	03 43 41.9	+1.8
NVAR	Mina Array Bea	34.42 321	P	P	03 43 41.5	+1.4
NVAR	0.3nm,0.6s,baz=110,slow=2.2,SNR=14		PcP	P	03 46 16.9	+1.5
MOOW	Moose Ponds	34.44 335	eP	P	03 43 40.5	+0.3
E25A	Miller Ranch,	34.46 345	P	P	03 43 39.6	-0.5
IMW	Indian Meadow	34.64 335	eP	P	03 43 43.0	+1.0
C31A	Landman Farms,	34.65 353	P	P	03 43 40.9	-0.8
C30A	Moose, Pekin	34.66 352	P	P	03 43 41.0	-0.8
AGMM	Agassiz Nation	34.95 355	P	P	03 43 43.3	-1.0
B34A	Aery, Baudette	35.05 356	P	P	03 43 44.2	-1.0
YMR	Madison River	35.29 336	eP	P	03 43 50.5	+3.0
A33A	Warroad	35.55 356	P	P	03 43 48.4	-1.0
SAML	Samuel	35.84 127	P	P	03 43 46.8	-5.5
HLID	Hailey	35.91 331	eP	P	03 43 50.5	-2.3
A29A	Manning Farm,	35.96 351	P	P	03 43 52.1	-0.9
MCMT	McKenzie Canyo	36.20 334	eP	P	03 43 57.4	+2.0
MFID	Camas Ranch	36.48 330	eP	P	03 44 01.5	+3.9
LRM	Limekiln Ridge	36.83 335	eP	P	03 44 01.0	+0.3
ULM	Lac du Bonnet	36.89 355	P	P	03 43 58.3	-2.6
ULM	comp-Z,364nm,21.6s,baz=219,slow=39		LR	P	04 00 40.0	
WVOR	Wild Horse Val	37.23 326	eP	P	03 44 06.0	+1.9
LPZA	La Paz	37.49 141	P	P	03 44 06.8	-0.2
J08A	Circle Bar Ran	37.78 327	eP	P	03 44 10.1	+1.4
F10A	Beach Ranch, E	39.04 331	eP	P	03 44 19.7	+0.4
NEW	Newport	40.72 334	P	P	03 44 33.0	+2.1
C09A	Chrisman Ranch	40.88 332	eP	P	03 44 36.5	-0.1
SIV	San Ignacio	41.95 133	P	P	03 44 42.2	-1.3
EDM	Edmonton	43.33 341	eP	P	03 44 53.9	-0.4
SCHO	Schefferville	45.59 20	P	P	03 45 10.3	-2.0
SCHO	comp-Z,611nm,19.3s,baz=253,slow=38		LR	P	04 05 17.9	
YKA	Yellowknife Ar	51.69 347	P	P	03 45 58.2	-0.9
INK	Invuk	61.12 343	P	P	03 47 06.5	+0.4
ILAR	Elison Array	63.55 337	P	P	03 47 22.9	+0.4
ILAR	comp-Z,230nm,18.2s,baz=149,slow=39		LR	P	04 17 59.8	
MLY	Manley	65.15 336	eP	P	03 47 33.8	+0.7
ESDC	Sonsec Array	79.69 52	P	P	03 48 59.7	-0.5
DBIC	Dimbokro	85.23 84	LR	P	04 26 04.9	
ARCES	ARCES Array B	86.52 18	LR	P	04 27 28.9	
GERES	GERES Array B	89.73 40	LR	P	04 25 36.3	
TORD	Torodi Ar, Bea	90.04 77	P	P	03 49 51.9	-0.8
YAK	Yakutsk	98.15 342	LR	P	04 41 15.4	
OBN	comp-Z,53nm,19.9s,baz=102,slow=39		LR	P	04 33 37.8	
HHC	Hu-ho-hao-te	121.92 340	ePKP	PKPdf	03 55 46.6	-0.4
HHC	comp-Z,48nm,21.3s,baz=271,slow=34		SS	P	03 56 26.4	
HHC	74nm,9.2s		SS	P	04 13 44.1	-11
HHC	200nm,20.1s		LE	P		
HHC	360nm,20.5s		LZ	P		
HHC	130nm,19.3s		LZ	P		
KSH	Kashi	126.05 12	ePKP	PKPdf	03 55 56.2	+1.2
LZH	Lanzhou	128.66 344	ePKP	PKPdf	03 56 07.0	+6.9
LZH	160nm,18.0s		LE	P		
LZH	150nm,18.2s		LZ	P		
CMAR	Chiang Mai Arr	146.68 342	PKPbc	PKPbc	03 56 35.4	+0.5
ICC	02 03:47:23.7-0.9, 12.47N;126.24E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.9/39, mbtmp3.9/10, ML4.4/1, MS2.9/1, Ms1 3.1/1, ms1mx2.6/45, Error ellipse: s-maj=33.4km s-min=16.9km az=76.0					
ICC	02 03:47:28.0-0.9, 12.38N;108.125E;0.1, h32km, m13, c1F68/14, mb3.9/10, 2D, Samar					
PLP	Palo	150 216j	Op	ISC	03 47 54.5	-1.6
PLP	Roxas	3.17 255j	eS	Sb	03 48 15.1	+0.4
KAPI	Kappang	18.32 200	P	P	03 48 22.1	-2.4
KSRS	Koror Array	25.03 4	P	P	03 51 43.3	+2.7
CMAR	Chiang Mai Arr	26.64 286	P	P	03 52 48.0	-2.1
CMAR	comp-Z,28nm,20.4s,baz=115,slow=34		LR	P	04 02 45.8	
WRA	Warumunga Arr	33.19 165	P	P	03 54 01.2	-1.6
SANR	Alice Springs	36.66 168	P	P	03 54 32.8	-0.1
SONM	Songino Array	38.92 339	P	P	03 54 52.2	+0.5
MKAR	Makanchi Array	50.13 322	P	P	03 56 22.7	+1.6
ZALV	Zalovevo Beam	52.60 331	P	P	03 56 39.5	+0.1
ILAR	Elison Array	77.72 26	P	P	03 59 21.4	-0.9
BTRR	Beskian Array B	83.90 309	P	P	03 59 56.6	+0.6
AKAS	Malin Array Be	84.69 321	P	P	03 59 60.0	+0.4
DDA	02 03:51:32.6, 36.20N;30.65E, h38km, Md3.5					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CXM Morne La Croix, GBMF Morne Balai, PML Morne Grand Be, etc.

IDC 02 04:26:00.9.2.5, 12'61N, 126'23E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.755, mbtmp3.9/4, Error ellipse: s-maj=1.76, 9km s-min=22.6km az=73.0

ISCJB 02 04:26:04.2.1.2, 12'49N, 0'10.125, 9E.0.2, h32km, mb3.9/4, Error ellipse: s-maj=27.6km s-min=11.8km az=18.5

ISC 02 04:26:06.4.1.2, 12.125N, 0.1x125.7E, 0.1, h32km, n6, #05897, mb3.9/4, 2D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLP Palo, RCP Roxas, FITZ Fitzroy Crossi, etc.

ISCJB 02 04:33:37.5.1.1, 6'55S, 0'2x154'6E, 0.1, h48km, mb4.0/7, MS3.4/2, Error ellipse: s-maj=33.2km s-min=11.6km az=146.6

IDC 02 04:33:42.1.6.5, 6'50S, 154'42E, h69km, 54km, mb3.6/6, mb1.3/7, mb1mx3.5/34, mbtmp3.9/7, ML2.1/1, MS3.6/4, Ms1.3/6, ms1mx3.1/28, Error ellipse: s-maj=43.6km s-min=32.8km az=119.0

ISC 02 04:33:39.0.1.0, 6'55S, 0'2x154'7E, 0.2, h48km, n15, #14112, mb3.9/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, PMG Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, BDFB Brasilia, TORD Torodi Ar. Bea, etc.

IDC 02 04:50:08.6.0.8, 0'06N, 125'32E, h0km, mb3.9/9, mb1.4/0.1/1, mb1mx3.9/28, mbtmp3.9/11, ML3.6/2, MS3.0/4, Ms1.3/0.4, ms1mx2.8/32, Error ellipse: s-maj=37.3km s-min=17.0km az=77.0

DJA 02 04:50:13.7.0.3, 0'05N, 125'52E, h10km, M4.4/1.1, mb4.4/3, MLv4.4/1.1

ISC 02 04:50:11.3.1.5, 0'05N, 0'05x125'28E, 0.0, h16km, n10km, n25, #134/29, mb3.9/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMSI Cibinong, TMTI Ternate, SANI Sanana, etc.

NEIC 02 04:54:30.3, 16'95N, 95'32W, h71km, MD4.1 (MEX), After MEX

MEX 02 04:54:30.3.0.5, 16'95N, 95'32W, h71km, 29km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUIG Huatulco, HUIG Huatulco, TGIG Tgig, etc.

NEIC 02 05:16:16.2.0.5, 3'62S, 99'60E, h10km, mb4.5/3, Error ellipse: s-maj=13.8km s-min=7.0km az=49.0

ISCJB 02 05:16:17.8.0.5, 3'59S, 0'04x99'71E, 0.0, h33km, mb4.3/23, MS3.2/5, Error ellipse: s-maj=7.9km s-min=4.0km az=136.6

DJA 02 05:16:20.4.0.6, 3'S, 4'10'E, h55km, 7km, M4.5/11, mb4.7/5, mb5.5/3, MLv4.5/11, Mw(mB)4.9/3

IDC 02 05:16:20.1.0.8, 3'62S, 99'56E, h34km, 5km, mb4.1/15, mb1.4/3/17, mb1mx4.0/38, mbtmp4.3/17, ML4.0/2, MS3.3/5, Ms1.3/4.5, ms1mx3.1/34, Error ellipse: s-maj=23.5km s-min=14.0km az=50.0

BJI 02 05:16:21.4.3'48S, 99'61E, h55km, mb4.8/12, mb4.9/3

ISC 02 05:16:20.0.6, 3'57S, 0'07x99'66E, 0.0, h32km, n140, #1800/116, mb4.5/23, MS3.2/5, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, SISI Saibi, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai, LAMP Lampung, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sterling City, Centrahoma, Whitfar Ranch, etc.

ISCJB 02 05:24:35.5±0.8, 3.52S; 0.05:99.47E±0.06, h10km, mb3.8/7, Error ellipse: s-maj=9.7km s-min=5.7km

ISC 02 05:24:35.5±1.6, 3.69S; 99.16E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/32, mbmp3.9/7, Error ellipse: s-maj=63.2km s-min=21.1km az=54.0

DJA 02 05:24:41.1±0.8, 3.5±10.0E, h50km, 9km, M4.0/10, mb4.4/2, MLV4.1/6, MLV4.2/7

ISC 02 05:24:37.4±1.3, 3.50S; 0.09:99.4E±0.1, h10km, n22, s±16°18', mb3.8/7, Southwest of Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pulau Pagai, Saibi, Kapahiang, etc.

ISC 02 05:47:05.7±1.9, 3.66S; 99.41E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/52, mbmp3.7/7, Error ellipse: s-maj=74.1km s-min=27.6km az=51.0

ISCJB 02 05:47:08.1±0.7, 3.57S; 0.04:99.57E±0.06, h33km, mb3.7/7, Error ellipse: s-maj=8.6km s-min=5.6km

DJA 02 05:47:09.0±0.7, 3.4±10.0E, h63km, 8km, M4.0/10, mb3.9/1, MLV4.0/10

ISC 02 05:47:10.3±1.0, 3.56S; 0.07:99.57E±0.08, h35km, n24, s±16°26', mb3.7/7, Southwest of Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pulau Pagai, Saibi, Padang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Padang Panjang, Sungai Dareh, Bangkinang, etc.

ISCJB 02 05:48:47.7±0.4, 6.556N; 104.169.03W±0.08, h10km, mb3.9/10, MS3.2/1, Error ellipse: s-maj=6.3km s-min=4.5km az=21.8

NEIC 02 05:48:49.5±0.3, 6.553N; 169.26W, h10km, ML4.3(AEIC), Error ellipse: s-maj=4.4km s-min=3.1km az=23.0

ISC 02 05:48:51.0±1.5, 6.553N; 169.73W, h0km, mb3.9/1, mb1 4.1/12, mb1mx3.8/65, mbmp4.0/12, ML4.1/3, MS3.3/1, Ms±1.3/31, ms1mx2.8/31, Error ellipse: s-maj=39.3km s-min=15.4km az=3.0

ISC 02 05:48:49.7±0.7, 6.559N; 104.07:169.04W±0.05, h10km, n58, s±104/66, mb4.0/10, Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tin City, ANM, GAMB, etc.

ISC 02 06:39:49.2±0.7, 5.82S; 152.19E, h47km, mb5.4/75, mb5.5/63, Ms5.7/77, Ms7.5/474

MOS 02 06:39:54.0±1.0, 5.28S; 151.48E, h36km, mb5.7/65, Ms5.7/15, Error ellipse: s-maj=7.2km s-min=5.5km az=96.5

CGMT 02 06:39:55.1±0.1, 5.63S; 151.63E, h49km, h49km, Mw5.8/120, Moment Tensor Solution, s120,c248; s116,c325; Duration: 1s9 Moment tensor: Scale 10^17Nm; Mn=5.27e-06; Mw=5.85e-04; Mo=0.57e-04; Ms=1.47e-04; Mv=1.69e-04; Mx=0.93e-04; Best double couple: M6.05000x10^17 NP1: 90.00000; 853.00000; 1.00000; NP2: 241.00000; 841.00000; 1.67.00000

Principal axes: T 5.7230, Ptg4.0000, Azm55.0000; N 0.6690, Ptg15.0000, Azm259.0000; P -6.3940, Ptg6.0000, Azm167.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s

ISC 02 06:39:55.2±0.7, 5.37S; 151.53E, h38km, 5km, mb5.1/32, mb1 5.1/34, mb1mx5.1/39, mbmp5.3/34, ML4.9/2, MS5.1/20, Ms1 5.2/20, ms1mx5.0/25 Error ellipse: s-maj=12.1km s-min=9.8km az=74.0

NEIC 02 06:39:55.1±0.1, 5.36S; 151.56E, h35km, mb5.5/160, MS5.6/137, MW5.7, Error ellipse: s-maj=4.3km s-min=3.6km az=147.0, Moment Tensor Solution. s38 s-moment tensor: Scale 10^17Nm; Mn=3.27; Mw=0.60; Mo=2.67; Ms=2.08; Mv=1.44; Mx=0.12; Best double couple: M6.30000x10^17 NP1: 90.00000; 858.00000; 1.19.00000; NP2: 186.00000; 842.00000; 1.53.00000

Principal axes: T 4.2500, Ptg4.0000, Azm14.0000; N -0.7100, Ptg24.0000, Azm215.0000; P -3.5300, Ptg8.0000, Azm121.0000

ISCJB 02 06:39:55.2±0.8, 5.35S; 0.03:151.48E±0.02, h48km, 7km, mb5.2/37, MS5.5/171, Error ellipse: s-maj=5.0km s-min=3.3km az=10.4

DJA 02 06:40:01.5±0.6, 6.5±15.2E, h100km, 7km, Ms 5.5/33, Mw5.4/33, Mb5.8/24, MLV6.2/1, Mw(mB)5.3/24, Mwps.3/1

ISC 02 06:39:56.2±0.2, 5.39S; 0.03:151.53E±0.03, h46km, 1km, mb5.1/32, mb1mx5.1/39, mbmp5.3/34, ML4.9/2, MS5.6/172, 28C-33D, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Moresby, Kapahiang, etc.

ISC 02 05:55:17.1±3.5, 3.24S; 100.08E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/51, mbmp3.9/5, Error ellipse: s-maj=180.0km s-min=22.3km az=51.0, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, etc.

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

WEL 02 06:30:39.4±0.2, 45.27S; 167.24E, h67km, 1km, ML3.5/11, 7D, Error ellipse: s-maj=1.8km s-min=0.9km az=90.0, South Island

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

BJI 02 06:39:49.2±0.7, 5.82S; 152.19E, h47km, mb5.4/75, mb5.5/63, Ms5.7/77, Ms7.5/474

MOS 02 06:39:54.0±1.0, 5.28S; 151.48E, h36km, mb5.7/65, Ms5.7/15, Error ellipse: s-maj=7.2km s-min=5.5km az=96.5

CGMT 02 06:39:55.1±0.1, 5.63S; 151.63E, h49km, h49km, Mw5.8/120, Moment Tensor Solution, s120,c248; s116,c325; Duration: 1s9 Moment tensor: Scale 10^17Nm; Mn=5.27e-06; Mw=5.85e-04; Mo=0.57e-04; Ms=1.47e-04; Mv=1.69e-04; Mx=0.93e-04; Best double couple: M6.05000x10^17 NP1: 90.00000; 853.00000; 1.00000; NP2: 241.00000; 841.00000; 1.67.00000

Principal axes: T 5.7230, Ptg4.0000, Azm55.0000; N 0.6690, Ptg15.0000, Azm259.0000; P -6.3940, Ptg6.0000, Azm167.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s

ISC 02 06:39:55.2±0.7, 5.37S; 151.53E, h38km, 5km, mb5.1/32, mb1 5.1/34, mb1mx5.1/39, mbmp5.3/34, ML4.9/2, MS5.1/20, Ms1 5.2/20, ms1mx5.0/25 Error ellipse: s-maj=12.1km s-min=9.8km az=74.0

NEIC 02 06:39:55.1±0.1, 5.36S; 151.56E, h35km, mb5.5/160, MS5.6/137, MW5.7, Error ellipse: s-maj=4.3km s-min=3.6km az=147.0, Moment Tensor Solution. s38 s-moment tensor: Scale 10^17Nm; Mn=3.27; Mw=0.60; Mo=2.67; Ms=2.08; Mv=1.44; Mx=0.12; Best double couple: M6.30000x10^17 NP1: 90.00000; 858.00000; 1.19.00000; NP2: 186.00000; 842.00000; 1.53.00000

Principal axes: T 4.2500, Ptg4.0000, Azm14.0000; N -0.7100, Ptg24.0000, Azm215.0000; P -3.5300, Ptg8.0000, Azm121.0000

ISCJB 02 06:39:55.2±0.8, 5.35S; 0.03:151.48E±0.02, h48km, 7km, mb5.2/37, MS5.5/171, Error ellipse: s-maj=5.0km s-min=3.3km az=10.4

DJA 02 06:40:01.5±0.6, 6.5±15.2E, h100km, 7km, Ms 5.5/33, Mw5.4/33, Mb5.8/24, MLV6.2/1, Mw(mB)5.3/24, Mwps.3/1

ISC 02 06:39:56.2±0.2, 5.39S; 0.03:151.53E±0.03, h46km, 1km, mb5.1/32, mb1mx5.1/39, mbmp5.3/34, ML4.9/2, MS5.6/172, 28C-33D, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Moresby, Kapahiang, etc.

FAKI	comp=Z,163nm,1.2s,comp=Z,3um								
EIDS	comp=Z,137nm,0.9s	19.39 277	eP	Pn	06 44 20.4 +0.4				
SAUI	comp=Z,54nm,0.8s	20.87 181	eP	P	06 44 24.1 +0.4				
SAUI	comp=Z,22um,21.0s	20.25 262	PFAKE	LR	06 44 40.0 +1.0				
SIJI	comp=Z,22um,21.0s	20.72 282	P	P	06 44 33.0 -0.1				
SWI	comp=Z,428nm,1.0s,comp=Z,2.5um	20.73 282	P	Pn	06 44 36.6 +0.7				
MTN	comp=Z,251nm,0.8s	21.44 248	eP	P	06 44 41.3 +0.5				
BNDI	comp=Z,225nm,1.1s,comp=Z,5um	21.56 271	P	P	06 44 46.1 +4.0				
DZM	comp=Z,266nm,1.4s	21.98 140	eP	S	06 44 49.1 +2.5				
DZM	comp=Z,15um,25.6s		eS	S	06 48 44.0 -2.8				
DZM	comp=Z,26um,23.4s		eLR	LR	06 50 09.4				
DZM	comp=Z,109nm,1.1s	21.98 140	eP	P	06 44 45.6 -0.9				
WRAB	comp=Z,271nm,0.5s	22.09 228	iP	Pmax	06 44 47.7 -0.1				
WRAB	comp=Z,3um,0.6s			Pmax					
WRAB	comp=Z,271nm,0.5s	22.09 228	P	P	06 44 47.0 -0.8				
WRAB	comp=Z,304nm,0.7s	22.09 228	eP	P	06 44 47.9 +0.1				
WRAB	comp=Z,5um,22.0s			LR					
WRA	comp=Z,258nm,0.8s,baz=52,slow=9.9,SNR=346	22.11 228	P	P	06 44 48.0 +0.1				
WRA	comp=Z,37nm,1.1s,baz=55,slow=17,SNR=16		ScP	ScP	06 48 44.3 -4.8				
WRA	comp=Z,16nm,0.9s,baz=48,slow=2.8,SNR=9.0		ScP	ScP	06 52 18.2 +0.1				
WRA	comp=Z,5um,21.2s,baz=50,slow=37		LR	LR	06 53 32.9				
ANA2	comp=Z,22nm,0.8s,baz=60,slow=8.8,SNR=271	22.35 345	eP	P	06 45 53.4 +2.9				
TARA	comp=Z,269nm,0.9s	22.39 73	eP	P	06 44 51.6 +0.5				
TARA	comp=Z,9um,20.0s			LR					
SARN	comp=Z,317nm,1.0s,comp=Z,4um	22.68 346	eP	P	06 44 56.6 +2.6				
LBMI	comp=Z,248nm,1.0s,comp=Z,4um	24.45 280	P	P	06 45 12.5 +1.4				
ASO1	comp=Z,92nm,0.6s,baz=60,slow=8.8,SNR=271	24.83 221	eP	P	06 45 13.6 -0.8				
ASAR	comp=Z,21nm,1.0s,baz=40,slow=16,SNR=7.9	24.83 221	eP	P	06 45 15.0 +0.2				
ASAR	comp=Z,14nm,1.0s,baz=56,slow=3.4,SNR=8.4		ScP	ScP	06 49 41.5 +6.6				
ASAR	comp=Z,5um,19.6s,baz=66,slow=39		LR	LR	06 52 25.9 +0.4				
ASAR	comp=Z,0.9nm,0.8s,baz=215,slow=4.5,SNR=6.2		PcP	PcP	07 18 20.4				
ARMA	comp=Z,80nm,1.0s	24.89 180	eP	P	06 45 15.7 +0.7				
TNTI	comp=Z,2um,22.0s	24.90 284	PFAKE	LR	06 45 30.0 +1.5				
SANI	comp=Z,87nm,0.9s,comp=Z,1um	25.70 276	P	P	06 45 27.8 +5.4				
SOEI	comp=Z,259nm,1.3s,comp=Z,3um	27.36 259	eP	P	06 45 38.4 +0.9				
SOEI	comp=Z,262nm,0.9s	27.36 259	eP	P	06 45 38.3 +0.8				
BATI	comp=Z,234nm,0.7s,baz=131,slow=6.6,SNR=24	28.01 258	P	P	06 45 44.7 +1.5				
FITZ	comp=Z,169nm,0.7s,baz=61,slow=7.5,SNR=237	28.27 241	eP	P	06 45 45.4 -0.1				
FITZ	comp=Z,21nm,1.0s,baz=236,slow=3.6,SNR=2.3	28.27 241	eP	P	06 50 24.2 -4.4				
FITZ	comp=Z,197nm,0.8s		S	S	06 45 45.3 -0.1				
MSVF	comp=Z,88nm,1.1s	28.68 118	eP	Pmax	06 50 24.2 -4.4				
MSVF	comp=Z,297nm,1.0s,SNR=6.1		P	P	06 45 49.9 +0.7				
MSVF	comp=Z,89nm,1.1s	28.68 118	eP	P	06 45 51.0 +1.8				
MSVF	comp=Z,89nm,1.1s		LR	LR	06 45 49.9 +0.7				
DAV	comp=Z,6um,22.0s	28.70 295	PFAKE	LR	06 46 00.0 +1.1				
MMRI	comp=Z,4um,19.0s	29.24 262	P	P	06 45 55.2 +1.0				
MMRI	comp=Z,174nm,0.9s,comp=Z,3um	29.24 262	eP	P	06 45 55.6 +1.4				
MMRI	comp=Z,214nm,1.1s		LR	LR					
EDFI	comp=Z,3um,22.0s	29.79 262	P	P	06 45 58.5 -0.7				
CAN	comp=Z,78nm,1.0s	29.87 184	PFAKE	LR	06 46 10.0 +1.0				
MRSI	comp=Z,3um,21.0s	30.12 280	P	P	06 46 04.5 +2.6				
APSI	comp=Z,94nm,1.0s,comp=Z,2um	30.16 277	P	P	06 46 02.4 +0.1				
BBOO	comp=Z,884nm,2.9s	30.86 206	eP	P	06 46 08.1 -0.2				
BBOO	comp=Z,8um,20.0s		LR	LR					
BSSI	comp=Z,71nm,1.0s,comp=Z,1um	30.89 267	P	P	06 46 09.0 +0.3				
BASI	comp=Z,571nm,1.2s,comp=Z,5um	31.02 259	P	P	06 46 10.8 +0.9				
BKSI	comp=Z,18nm,0.9s,comp=Z,625nm	31.27 269	eP	P	06 46 13.7 +1.6				
KAPI	comp=Z,26nm,0.7s	31.65 269	eP	P	06 46 21.2 +5.8				
MPSI	comp=Z,6nm,1.1s,comp=Z,582nm	31.68 271	P	P	06 46 14.5 -1.2				
SPSI	comp=Z,31.0	32.10 279	P	P	06 46 18.5 -0.9				
CBJI	comp=Z,236nm,1.1s	33.54 345	eP	P	06 46 30.2 -1.6				
MBWA	comp=Z,32nm,0.8s	34.58 240	eP	P	06 46 41.3 +0.4				
MBWA	comp=Z,119nm,1.1s	34.58 240	eP	P	06 46 40.6 -0.3				
MYLDM	comp=Z,71nm,1.1s	34.62 287	eP	P	06 46 43.7 +2.4				
OUZ	comp=Z,89nm,1.5s	35.99 148	eP	P	06 46 54.7 +1.9				
KKM	comp=Z,39nm,0.9s	37.04 287	eP	P	06 47 02.1 -0.1				
AFI	comp=Z,2um,20.4s,baz=283,slow=34	37.10 106	LR	LR	07 00 48.9				
JAGI	comp=Z,86nm,0.6s	37.22 263	eP	P	06 47 01.5 -2.2				
JAGI	comp=Z,86nm,0.6s		eS	S	06 52 50.9 +3.1				
RAO	comp=Z,4um,20.0s	37.38 133	PFAKE	LR	06 47 20.0 +1.5				
TAU	comp=Z,9um,20.0s	37.55 185	PFAKE	LR	06 47 20.0 +1.4				
JOW	comp=Z,10nm,0.8s,baz=180,slow=30,SNR=20	39.16 326	P	P	06 47 21.4 +1.6				
SBUM	comp=Z,47nm,1.3s	40.03 280	eP	P	06 47 28.4 +1.2				
URZ	comp=Z,20nm,0.9s,baz=344,slow=3.5,SNR=13	40.13 148	P	P	06 47 27.2 -0.5				
URZ	comp=Z,20nm,0.9s,baz=309,slow=2.7,SNR=4.4		PcP	PcP	06 49 28.5 -3.0				
URZ	comp=Z,5um,20.6s,baz=340,slow=33		LR	LR	07 02 06.0				
URZ	comp=Z,69nm,1.3s	40.13 148	eP	P	06 47 28.4 +0.7				
URZ	comp=Z,3um,22.0s		PcP	PcP	06 49 28.5 -3.0				
THZ	comp=Z,4um,20.0s	40.92 155	eP	P	06 47 28.4 +0.7				
THZ	comp=Z,4um,20.0s		eP	P	06 47 35.0 +0.7				
YULB	comp=Z,67nm,0.9s	41.11 315	eP	P	06 47 43.3 -3.5				
NACB	comp=Z,95nm,0.8s	41.41 316	eP	P	06 47 38.2 +2.2				
TPUB	comp=Z,70nm,0.8s	41.41 316	eP	P	06 47 39.9 +1.5				
SSLB	comp=Z,62nm,0.8s	41.52 315	eP	P	06 47 39.8 +0.4				
SSLB	comp=Z,62nm,0.8s	41.60 315	eP	P	06 47 40.5 +0.5				

KSM	comp=Z,42nm,1.1s	41.73 278	eP	P	06 47 41.5 +0.2				
RPZ	comp=Z,13nm,0.8s,baz=299,slow=3.4,SNR=5.0	41.87 159	P	P	06 47 41.3 -0.7				
RPZ	comp=Z,7um,20.5s,baz=316,slow=33		LR	LR	07 03 11.4				
RPZ	comp=Z,52nm,1.0s	41.87 159	eP	P	06 47 42.8 +0.8				
RPZ	comp=Z,8um,21.0s		LR	LR					
YHNB	comp=Z,306nm,1.3s	41.89 317	eP	P	06 47 43.6 +1.2				
OXZ	comp=Z,49nm,1.1s	41.90 157	eP	P	06 47 44.9 +2.7				
TATO	comp=Z,1um,2.2s	42.01 317	eP	P	06 47 44.6 +1.3				
NWAO	comp=Z,37nm,0.9s	42.07 225	eP	Pmax	06 47 45.3 +1.5				
NWAO	comp=Z,37nm,0.9s	42.07 225	eP	P	06 47 45.3 +1.5				
NWAO	comp=Z,4um,21.0s		LR	LR					
JNU	comp=Z,48nm,0.8s,baz=118,slow=5.4,SNR=9.9	43.03 334	P	P	06 47 50.8 -0.7				
JNU	comp=Z,38nm,0.8s,baz=40,slow=3.9,SNR=4.2	43.03 334	eP	P	06 49 38.5 -2.7				
JNU	comp=Z,84nm,1.0s		PcP	PcP	06 47 51.7 +0.2				
JNU	comp=Z,37nm,0.9s		PcP	PcP	06 49 38.5 -2.7				
CISI	comp=Z,37nm,0.9s	43.48 265	eP	P	06 47 54.4 -1.1				
MJAR	comp=Z,4.6nm,0.4s,baz=167,slow=7.8,SNR=10	43.54 344	P	P	06 47 53.7 -1.9				
MJAR	comp=Z,8.8nm,0.7s,baz=158,slow=3.8,SNR=5.5		PcP	PcP	06 49 41.3 -1.5				
MJAR	comp=Z,2.4nm,0.8s,baz=163,slow=4.2,SNR=3.5		ScP	ScP	06 53 30.0 -0.7				
MJAR	comp=Z,3um,20.6s,baz=170,slow=34		LR	LR	07 04 52.9				
MAJO	comp=Z,59nm,0.8s	43.54 344	eP	Pmax	06 47 55.5 -0.1				
MAJO	comp=Z,59nm,0.8s		S	S	06 47 55.9 +0.3				
MAT	comp=Z,33nm,0.9s	43.54 344	P	P	06 47 55.3 -0.3				
MAT	comp=Z,33nm,0.9s		S	S	06 54 20.4 -1.1				
OZH	comp=Z,290nm,0.8s	44.00 315	P	P	06 48 02.3 +2.9				
OZH	comp=Z,2um,7.6s		PMZ	PMZ	06 54 31.4 +3.0				
OZH	comp=Z,2um,7.6s		PMZ	PMZ					
OZH	comp=Z,4um,17.0s		LE	LE					
OZH	comp=Z,12um,15.6s		LZ	LZ					
JOHN	comp=Z,7um,23.9s	44.33 60	PFAKE	LR	06 48 10.0 +7.8				
JOHN	comp=Z,535nm,22.0s		LR	LR					
XMIS	comp=Z,348nm,1.3s	45.68 261	eP	P	06 48 13.7 +0.6				
SSE	comp=Z,33nm,0.7s	46.44 323	P	P	06 48 19.4 +0.7				
SSE	comp=Z,33nm,0.7s		S	S	06 55 05.6 +2.1				
SSE	comp=Z,33nm,0.7s		S	S	06 55 27.2 +2.5				
SSE	comp=Z,480nm,6.5s		PMZ	PMZ					
SSE	comp=Z,3um,23.								

Table with columns: Name, Time, Distance, Height, Weight, Sex, and other details. Includes entries like BOZ Bozeman (W), BOZ Bozeman (W), MPU Maple Canyon, etc.

Table with columns: Name, Time, Distance, Height, Weight, Sex, and other details. Includes entries like S26A Kim, F27A Lemmon, KLMM Klimovskoe, etc.

Table with columns: Name, Time, Distance, Height, Weight, Sex, and other details. Includes entries like P32A Huiting Farm, H32A Carlson Farm, 532A Rocksprings, etc.

Table with columns: ICBN, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Newcomb, Keystone Colle, Grafenberg, etc.

Table with columns: ICBN, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Villa Florida, Samana, Braganca, etc.

Table with columns: ICBN, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like FDMO, SNTG, CING, etc.

CSEM 02 06:56:34.0, 43.16N; 13.19E, h9km, MD2.1/20, After ROM ROM 02 06:56:34.0-0.1, 43.16N; 13.19E, h9km, Md2.1/20, M12.0/17, Error ellipse: s-maj=1.4km s-min=0.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like FDMO, DBIC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NSTT, HSN, HSN, etc.

Table with columns: PFO, Pinyon Flat Ob, 2.42 344 Pn, 13 52 19.0 -0.9, MRMT, Marmara Adasi, 0.34 321 ePg, 14 05 47.4 +0.5, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, EDC, Edincik, 0.01 297 ePg, 14 05 36.5 +0.4, etc.

Table with columns: MRMT, Marmara Adasi, 0.34 321 ePg, 14 05 47.4 +0.5, SPX, comp=E,5um,0.3s, IAML, 14 40 01.8, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, SPX, San Pedro Mart, 0.25 136 ePg, 14 40 51.4 +0.4, etc.

Table with columns: SPX, comp=E,5um,0.3s, IAML, 14 40 01.8, ECXB, El Chino, 0.58 65 fIP, 14 40 02.3 -1.0, etc.

Table with columns: EHY, Hungye, 1.11 204 eP, Pn, 16 24 56.2 -0.3, etc. Includes stations like Yuli, Yu-Shan, Alishan, etc.

Table with columns: U32A, reagan, 1.64 194 Pb, Pn, 16 36 28.1 +0.5, etc. Includes stations like Reagan Ranch, Sentinel, Marietta, etc.

Table with columns: HWQ, Hawqa, 0.96 215 eP, Pg, 16 40 22.17h, etc. Includes stations like Ras Al Marh, ti_alroos, etc.

ISCJB 02 16:35:36.7±0.3, 35:56N±0.01; 97:28W±0.02, h6km±2km, Error ellipse: s-maj=2.3km s-min=2.3km az=146.0

ISCJB 02 16:35:47.3±0.7, 21:9N±0.1; 143:1E±0.1, h300km, mb3.7/12, Error ellipse: s-maj=14.8km s-min=14.5km

CASC 02 17:01:52.0±1.5, 13:45N±90:48W, h40km±57km, MD3.4, ML1.5, 2C-4D, Near coast of Guatemala

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Jones High Sch, Hefner Road, etc.

IDC 02 16:35:47.3±0.8, 21:91N±143:04E, h288km±36km, mb3.4/13, mb1.3/7.14, mb1mx3.4/3.9, mbtmp4.2/14, Error ellipse: s-maj=20.5km s-min=12.4km az=84.0

ISC 02 16:35:48.8±0.7, 21:9N±0.1; 143:0E±0.1, h300km, n26, α055/29, mb3.6/12, Mariana Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Nakatsue, Kuro Army, Sonmigo Array, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Ixpac, San Blas, El Retiro, etc.

DJA 02 17:06:08.3±3.8, 5°N±12:9'E±3°1', h10km, M4.3/9, mb4.4/3, mb5.3/1, MLv4.2/9, Mw(MwB)4.7/1

ISCJB 02 17:06:10.2±0.5, 4:38N±0.07; 94:59E±0.05, h35km, mb3.9/12, MS4-4/1, Error ellipse: s-maj=10.8km

IDC 02 17:06:13.1±3.0, 4:51N±94:71E, h44km±28km, mb3.7/12, mb1.3/8.15, mb1mx3.7/4.8, mbtmp3.9/15, ML3.7/3, MS3.6/2, Ms1.3/6.2, ms1mx2.9/4.0, Error ellipse: s-maj=34.9km s-min=15.1km az=47.0

ISC 02 17:06:11.9±0.7, 4:42N±0:08-94:67E±0:07, h35km, n29, α15/30, mb4.0/12, Off west coast of northern Sumatara

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Meulaboh, Lhok Sumawe, etc.

ISCJB 02 16:40:24.7±0.5, 35:07N±0:02-36:62E±0:04, h14km±4km, Error ellipse: s-maj=5.7km s-min=3.6km az=7.5

CSEM 02 16:40:24.4±0.2, 35:07N±36:60E, h10km, ML1.9, Error ellipse: s-maj=4.6km s-min=3.0km az=87.0

NSCC 02 16:40:24.9±1.4, 35:03N±36:64E, h4km±5km, ML1.9, Error ellipse: s-maj=15.0km s-min=15.0km az=66E, h2km±4km, MD3.1

ISC 02 16:40:24.7±0.9, 35:07N±0:02-36:62E±0:03, h17km±6km, n28, α87/52, Jordan - Syria region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Kufra, Albida, Hawek, etc.

2d 18h

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GOLH, DNZL, DENI, AYDN, etc.

NIED 02 18:10:00.46:50N:147:20E, h420km, Mw5.5 Best double couple: Mo:1.89000e+10...

KRSC 02 18:10:10.5:1.5, 46:68N:147:22E, h359km, 25km, ML6.0 JMA Felt II J1.

ISCJB 02 18:10:12.3:0.1, 47:01N:0:02:146:91E:0:02, h354km, 1km, mb5.1/358, Error ellipse: s-maj=2.9km...

MOS 02 18:10:12.4:0.9, 46:98N:146:82E, h357km, mb5.1/85, MS4.1/6, Error ellipse: s-maj=5.4km...

SKHL 02 18:10:12.5:0.9, 46:76N:146:96E, h364km, 4km, mb5.7/7, mbh5.8/7, Ms4.6/2, msh5.8/3

IDC 02 18:10:13.9:0.4, 47:07N:146:84E, h359km, 3km, mb4.4/37, mb1.4/5.46, mb1mx4.5/5.5, mbmp5.2/4.6, Error ellipse: s-maj=6.4km...

NEIC 02 18:10:14.9:0.1, 47:09N:146:75E, mb5.3/252, Error ellipse: s-maj=3.5km...

NEIC Recorded [2 JMA] in eastern Hokkaido and [1 JMA] in southern and southeastern Hokkaido. Also recorded [1 JMA] in Aomori and Iwate, Honshu.

GCMT 02 18:10:14.9:0.2, 46:82N:146:87E, h362km, 1km, Mw5.5/86, Moment Tensor Solution. s86,c157; Duration: 1s3 Moment tensor: Scale 10^17Nm;

ISC 02 18:10:13.5:0.2, 46:96N:0:03:146:84E:0:02, h356km, 1km, h355km: p-P, P-1433, c135/1736, mb5.2/358, 186C-56D, Northwest of Kuril Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like Kuril'sk, Yuzh-Sakhalins, etc.

2010 NOV

Main station list table for 2010 NOV with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like YUK, SHO, JRA, etc.

Main station list table for 2010 NOV with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like NKL, KOK, AVH, etc.

2d 18h

2010 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TTA, SVWZ, SZP, CD2, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PAX, PAX, KLutina, DIV, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like UBPT, KHONG, CHKZ, VOSK, etc.

MNAS	Manas	51.17 294	P	P	18 18 42.1 +0.7
MNAS	comp=Z,43nm,1.3s				
KKN	Kakani	51.18 271	eP	P	18 18 42.5 +0.7
PKI	Pulchoki	51.23 270	eP	P	18 18 42.9 +0.6
PKIN	Phulchoki	51.23 270	eP	P	18 18 43.5 +1.2
KHLT	Kholaem Dam	51.24 248	P	P	18 18 45.0 +2.9
PATY	Pattaya	51.24 244	P	P	18 18 44.6 +2.5
DMN	Daman	51.41 271	eP	P	18 18 44.4 +0.8
GKN	Gorkha	51.49 271	eP	P	18 18 44.7 +0.7
DANN	Dangsing	51.87 272	eP	P	18 18 48.1 +1.1
SFK	Sufi-Kurgan	51.87 291	P	P	18 18 47.3 +0.5
RES	Resolute Bay	51.96 17	P	P	18 18 45.5 -1.1
RES	comp=Z,30nm,0.8s,baz=335,slow=4.4,SNR=16				
RES	Resolute Bay	51.96 17	P	P	18 18 45.5 +0.1
RES	comp=Z,13nm,1.0s,baz=287,slow=3.6,SNR=3.7				
RES	Resolute Bay	51.96 17	P	P	18 18 45.5 -1.1
RES	comp=Z,30nm,0.8s				
RES	Resolute Bay	51.96 17	eP	P	18 18 45.1 -1.5
RES	comp=Z,48nm,0.9s				
KK31	Karatay Array	52.08 296	eP	P	18 19 53.1 -0.2
KK31	comp=Z,8.0nm,0.4s				
KKAR	Karatay Array	52.08 296	iP	P	18 18 47.8 -0.2
KKAR	comp=Z,73nm,1.4s				
KOLN	Koldanda	52.34 272	eP	P	18 18 51.2 +0.9
KOLN	comp=Z,256nm,0.9s				
YKA	Yellowknife Ar	53.27 35	P	P	18 18 55.3 -0.9
YKA	comp=Z,7.2nm,0.5s,baz=301,slow=7.1,SNR=22				
YKA	Yellowknife Ar	53.27 35	P	P	18 19 57.2 -1.3
YKA	comp=Z,5.8nm,0.9s,baz=314,slow=4.0,SNR=53				
YKA	Yellowknife Ar	53.27 35	P	P	18 18 55.3 -0.9
YKA	comp=Z,7.0nm,0.5s				
BOK	Bokaro	53.35 266	eP	P	18 18 57.6 +0.2
BOK	comp=Z,64nm,1.6s				
SBUM	Sibu	53.55 225	eP	P	18 19 00.6 +1.7
SBUM	comp=Z,73nm,1.4s				
POHA	Pohakuloa	53.82 100	eP	P	18 19 01.6 +0.5
POHA	comp=Z,334nm,1.0s				
DDI	Dehra Dun	54.53 278	eP	P	18 19 05.1 -0.7
DDI	comp=Z,197nm,1.1s				
DHRM	DHARAMSHALA	54.53 281	eP	P	18 19 06.1 +0.1
DHRM	comp=Z,67nm,1.1s				
SMLA	Simla	54.63 280	iP	P	18 19 06.6 +0.1
SMLA	comp=Z,870nm,0.4s				
SMLA	Simla	54.63 280	iP	P	18 19 08.1 -0.1
SMLA	comp=Z,107nm,0.9s				
SMLA	AB31	54.92 307	iP	P	18 19 07.9 -0.4
SMLA	comp=Z,12nm,0.4s				
ABKAR	Abkular array	54.92 307	iP	P	18 19 12.6 +1.0
ABKAR	comp=Z,12nm,0.4s				
KSM	Kuching	55.33 226	iP	P	18 19 13.2 +0.3
KSM	comp=Z,5.7nm,1.0s				
DZET	Dzherino	55.54 292	P	P	18 19 17.6 +1.9
DZET	comp=Z,70nm,1.1s				
KRAB	Krabi	55.92 242	P	P	18 19 17.6 +1.9
KRAB	comp=Z,106nm,0.9s				
TRTT	Trang	55.93 241	P	P	18 19 17.9 +2.1
TRTT	comp=Z,69nm,1.9s				
DGPR	DIGLIPUR	56.08 252	eP	P	18 19 17.9 +1.1
DGPR	comp=Z,108nm,1.5s				
PMG	Port Moresby	56.11 180	eP	P	18 19 17.5 +0.5
PMG	comp=Z,106nm,0.9s				
PMG	Port Moresby	56.11 180	eP	P	18 19 17.5 +0.5
PMG	comp=Z,106nm,0.9s				
ARCES	ARCCESS Array B	56.17 339	eP	P	18 19 15.7 -1.1
ARCES	comp=Z,5.0nm,0.8s,baz=45,slow=6.7,SNR=15				
DAG	Danmarks Havn	56.20 356	iP	P	18 19 15.4 -1.4
DAG	comp=Z,190nm,1.5s				
DAG	Danmarks Havn	56.20 356	iP	P	18 19 15.4 -1.4
DAG	comp=Z,69nm,1.5s				
PKDT	Phuket	56.71 243	P	P	18 19 24.3 +3.1
PKDT	comp=Z,103nm,1.2s				
PGC	Sidney	56.79 52	eP	P	18 19 21.9 +0.6
PGC	comp=Z,145nm,1.8s				
A04D	Lummi Island	57.16 52	P	P	18 19 23.1 -0.7
A04D	comp=Z,145nm,1.8s				
NLWA	Neilton Lookou	57.29 54	eP	P	18 19 25.4 +0.5
NLWA	comp=Z,119nm,1.1s				
HNR	Honiara	57.34 165	P	P	18 19 26.3 +0.8
HNR	comp=Z,58nm,0.7s,baz=215,slow=8.3,SNR=4.3				
KULM	Kulim	57.39 239	iP	P	18 19 26.8 +0.9
KULM	comp=Z,125nm,1.2s				
B05A	Bryant	57.53 52	P	P	18 19 28.0 0.0
B05A	comp=Z,71nm,1.2s				
IPM	Ipoth	57.85 238	iP	P	18 19 29.4 +0.4
IPM	comp=Z,71nm,1.2s				
IPM	IPM	57.85 238	iP	P	18 19 29.4 +0.4
IPM	comp=Z,71nm,1.2s				
B06A	Marblemount	57.93 52	eP	P	18 19 28.0 0.0
B06A	comp=Z,322nm,1.8s				
KBL	Kabul	57.95 288	eP	P	18 19 28.0 -1.8
KBL	comp=Z,47nm,1.0s				
KBL	Kabul	57.95 288	eP	P	18 19 28.0 -1.8
KBL	comp=Z,47nm,1.0s				
KBL	Kabul	57.95 288	eP	P	18 19 28.0 -1.8
KBL	comp=Z,47nm,1.0s				
E03A	Lebam	57.96 55	eP	P	18 19 30.7 +1.3
E03A	comp=Z,115nm,1.1s				
F03A	Seaside	58.32 55	eP	P	18 19 34.5 +2.6
F03A	comp=Z,319nm,1.4s				
MYOK	Kota Tinggo	58.44 233	eP	P	18 19 34.8 +1.6
MYOK	comp=Z,30nm,1.0s				
D05A	Ennumclaf	58.45 53	eP	P	18 19 34.4 +1.6
D05A	comp=Z,119nm,1.3s				
F04D	Rainier, OR	58.54 55	P	P	18 19 33.0 -0.4
F04D	comp=Z,119nm,1.3s				
LOH	Longmire	58.81 53	eP	P	18 19 34.9 -0.5
LOH	comp=Z,172nm,2.2s				
LOH	Longmire	58.81 53	eP	P	18 19 34.9 -0.5
LOH	comp=Z,172nm,2.2s				
G03D	McMinnville, O	58.92 56	P	P	18 19 35.9 -0.2
G03D	comp=Z,115nm,1.1s				
F04A	Amboy	58.96 55	eP	P	18 19 36.7 +0.4
F04A	comp=Z,116nm,1.1s				
LTY	Liberty	59.12 52	eP	P	18 19 38.1 +0.6
LTY	comp=Z,143nm,1.6s				
EDM	Edmonton	59.20 44	iP	P	18 19 37.6 -0.3
EDM	comp=Z,256nm,1.3s				
EDM	Edmonton	59.20 44	iP	P	18 19 37.6 -0.3
EDM	comp=Z,256nm,1.3s				
EDM	Edmonton	59.20 44	iP	P	18 19 37.6 -0.3
EDM	comp=Z,256nm,1.3s				
EDM	Edmonton	59.20 44	iP	P	18 19 37.6 -0.3
EDM	comp=Z,256nm,1.3s				
COR	Corvallis	59.27 56	eP	P	18 19 40.4 +1.9
COR	comp=Z,173nm,1.1s				
COR	Corvallis	59.27 56	eP	P	18 19 40.4 +1.9
COR	comp=Z,173nm,1.1s				
BHPL	Bhopal	59.51 272	eP	P	18 19 40.2 -0.3
BHPL	comp=Z,97nm,1.0s				
KEBM	Edson Butte	59.72 58	eP	P	18 19 44.0 +2.4
KEBM	comp=Z,108nm,1.1s				
I03D	Drain, OR	59.79 57	P	P	18 19 40.5 -1.4
I03D	comp=Z,108nm,1.1s				
G05D	Wamic, OR	59.99 55	P	P	18 19 42.2 -1.2
G05D	comp=Z,80,SNR=12				
C09A	Chrisman Ranch	60.08 51	eP	P	18 19 44.1 +0.2

I04A	Tendick Farm,	60.26 57	P	P	18 19 44.5 -0.8
I04A	comp=Z,143nm,1.3s				
HAWA	Hanford	60.27 53	iP	P	18 19 45.5 +0.3
HAWA	comp=Z,208nm,1.5s				
G06A	Carlson Farm	60.38 54	eP	P	18 19 47.1 +1.1
G06A	comp=Z,189nm,1.5s				
NEW	Newport	60.40 50	P	P	18 19 46.0 -0.1
NEW	comp=Z,44nm,1.0s,baz=310,slow=6.4,SNR=30				
NEW	Newport	60.40 50	iP	P	18 19 46.0 -0.1
NEW	comp=Z,105nm,1.2s				
NEW	Newport	60.40 50	iP	P	18 19 46.0 -0.1
NEW	comp=Z,105nm,1.2s				
NEW	Newport	60.40 50	iP	P	18 19 46.0 -0.1
NEW	comp=Z,105nm,1.2s				
PSI	Prapat	60.40 238	eP	P	18 19 47.4 +0.8
PSI	comp=Z,39nm,0.9s				
PSI	Prapat	60.40 238	eP	P	18 19 47.4 +0.8
PSI	comp=Z,39nm,0.9s				
I05D	Terrebonne, OR	60.54 55	P	P	18 19 47.2 +0.1
I05D	comp=Z,39nm,0.9s				
L02D	Cave Junction,	60.58 59	P	P	18 19 47.5 +0.1
L02D	comp=Z,39nm,0.9s				
SUMG	Summit	60.71 2	eP	P	18 19 48.0 -0.2
SUMG	comp=Z,804nm,2.8s				
SUMG	Summit	60.71 2	iP	P	18 19 47.8 -0.4
SUMG	comp=Z,76nm,1.3s				
SUMG	Summit	60.71 2	eP	P	18 19 48.0 -0.2
SUMG	comp=Z,804nm,2.8s				
COEN	Coen	60.72 184	eP	P	18 19 49.0 +0.5
COEN	comp=Z,18nm,0.8s				
J04D	Umpqua Natona	60.78 57	P	P	18 19 48.6 -0.3
J04D	comp=Z,18nm,0.8s				
KRMB	Red Mountain	60.80 59	eP	P	18 19 50.8 +1.8
KRMB	comp=Z,175nm,1.7s				
MTN	Manton Dam	61.17 198	eP	P	18 19 51.8 +0.3
MTN	comp=Z,39nm,0.8s				
BKNI	Bangkinang	61.21 235	eP	P	18 19 53.1 +1.3
BKNI	comp=Z,202nm,0.9s				
J05D	Fort Rock, OR	61.25 56	P	P	18 19 51.1 -0.9
J05D	comp=Z,202nm,0.9s				
G08A	Pilot Rock	61.27 53	eP	P	18 19 52.4 +0.4
G08A	comp=Z,275nm,1.4s				
KHMM	Horse Mountain	61.30 60	P	P	18 19 53.4 +1.1
KHMM	comp=Z,191nm,1.4s				
YBH	Yreka Blue Hor	61.37 59	eP	P	18 19 53.5 +0.8
YBH	comp=Z,191nm,1.4s				
YBH	Yreka Blue Hor	61.37 59	eP	P	18 19 53.7 +1.0
YBH	comp=Z,191nm,1.4s				
YBH	Yreka Blue Hor	61.37 59	eP	P	18 19 53.7 +1.0
YBH	comp=Z,191nm,1.4s				
YBH	Yreka Blue Hor	61.37 59	eP	P	18 19 53.7 +1.0
YBH	comp=Z,191nm,1.4s				
M02C	Callahan	61.50 59	eP	P	18 19 53.6 +0.2
M02C	comp=Z,61,SNR=18				
WALA	Waterton Lakes	61.55 48	iP	P	18 19 53.6 -0.2
WALA	comp=Z,120nm,1.3s				
WALA	Waterton Lakes	61.55 48	iP	P	18 19 53.6 -0.2
WALA	comp=Z,120nm,1.3s				
KMRM	Mail Ridge	61.73 60	eP	P	18 19 56.6 +1.6
KMRM	comp=Z,63nm,1.1s				
I07A	Izee	61.73 55	eP	P	18 19 55.7 +0.6
I07A	comp=Z,68nm,1.4s				
K05A	Sumner Lake	61.80 57	eP	P	18 19 56.6 +1.0
K05A	comp=Z,166nm,1.2s				
M04C	Macdoel	61.84 58	P	P	18 19 55.8 -0.1
M04C	comp=Z,62,SNR=29				
N02D	Trinity Center	61.85 59	P	P	18 19 55.9 0.0
N02D	comp=Z,62,SNR=18				
BSMT	Bassoo Peak	61.88 49	eP	P	18 19 56.6 +0.5
BSMT	comp=Z,62,SNR=17				
BSMT	Bassoo Peak	61.88 49	eP	P	18 19 56.6 +0.5
BSMT	comp=Z,62,SNR=17				
FINES	FINESS Array B	61.93 332	iP	P	18 19 55.0 -0.9
FINES	comp=Z,17nm,0.5s,baz=48,slow=7.1,SNR=117				
FINES	FINESS Array B	61.93 332	iP	P	18 19 55.0 -0.9
FINES	comp=Z,17nm,0.5s,baz=48,slow=7.1,SNR=117				
BLMT	Blacktail Moun	61.99 49	eP	P	18 19 57.5 +0.6
BLMT	comp=Z,7.5nm,0.6s,baz=49,slow=13,SNR=14				
KIPM	Kip Peak	62.12 61	eP	P	18 19 57.6 +0.2
KIPM	comp=Z,7.5nm,0.6s				
KCPM	Chato Moun	62.14 61	eP	P	18 19 59.5 +1.6
KCPM	comp=Z,117nm,1.6s				
WDC	Whiskeytown Da	62.19 59	eP	P	18 19 58.3 +0.3
WDC	comp=Z,61nm,1.2s				

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CTAO Charters Tower, TPWA Teton Pass, TPWA Svangstu Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like OSI Osito Adit, LRMC Laurel Mountain, B28A Dugan Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Q35A Humboldt, Q33A Connelly Farm, R32A Long Quarter, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 228A baz=79, SNR=20, 129A Stewart Farms, HD1L Hopedale, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MMNY Mt. Morris Dam, Y38A Idabel, JCT Junction City, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Gorka Klasztor, Kevo, Kralky, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Torodi Ar. Sit, Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Riolos of Patr, Araxos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Makrakomi, Agios Georgios, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Madonna delle, Roio Piano, etc.

ISCJB 02 21:31:29.0,0.4,37.98N,0.02:21:33E,0.02,h11km,2km, Error ellipse: s-maj=3.6km s-min=3.0km az=35.5

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Mexicali, Cerro Prieto, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Coachella, Yuma Desert, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Puysegur Point, The Paps, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Uspallata, El Roble, etc.

CSEM 02 21:46:44.0,1.39:96N,26:91E,h8km,MD2.8, Error ellipse: s-maj=1.5km s-min=1.3km az=158.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Ezine, Ezine, etc.

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

IDC 02 21:53:07.4-0.29:45N-51:55E, h0km, mb3.9/20, mb1.4/0.25, mb1.1mx3.9/43, mbtmp3.9/25, ML3.5/5, Error ellipse: s-maj=22.0km s-min=13.7km az=169.0

ISCJB 02 21:53:08.3-0.3, 29:49N, 0:03.51:45E, 0:03, h10km, mb3.8/20, Error ellipse: s-maj=4.9km s-min=3.3km az=37.0

THR 02 21:53:09.8-0.5, 29:60N, 51:52E, h14km, 10km, ML3.8 CSEM 02 21:53:10.6-0.1, 29:53N, 51:47E, h10km, ML3.8, Ms3.9, Error ellipse: s-maj=5.2km s-min=3.5km az=55.0

TEH 02 21:53:12.0, 29:48N, 51:45E, h23km, ML3.8, DSN 02 21:53:16.4-0.8, 29:41N, 52:00E, h15km, mb3.4/9, ML4.3/1, Ms3.9/5, Error ellipse: s-maj=16.1km s-min=5.5km az=26.0

ISC 02 21:53:09.7-0.5, 29:52N, 0:04.51:48E, 0:04, h10km, n95, o155/101, mb3.8/20, 18C-15D, Southern Iran

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

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

ellipse: s-maj=7.4km s-min=4.3km az=109.0 ISK 02 22:07:05.2, 37:86N, 36:87E, h5km, MD2.5 DDA 02 22:07:06.1, 37:82N, 36:91E, h7km, MD2.6

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

ISC 02 22:09:45.9, 37:08N, 28:84E, h8km, MD2.6 DDA 02 22:09:47.5, 37:15N, 28:93E, h7km, MD2.7 CSEM 02 22:09:47.0, 0.3, 37:07N, 28:91E, h10km, MD2.6, Error ellipse: s-maj=7.1km s-min=6.4km az=68.0

ISC 02 22:09:46.3-1.2, 37:08N, 0:02:28.88E, 0:03, h4km, 10km, n23, o48/6/39, Turkey

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

ISCJB 02 22:46:23.4-0.6, 45:94N, 0:07:142.6E, 0:1, h333km, mb3.0/7, Error ellipse: s-maj=13.7km s-min=7.9km az=145.9

IDC 02 22:46:24.8-1.4, 46:00N, 142:47E, h331km, 26km, mb2.9/7, mb1.3/9, mb1mx2.9/29, mbtmp3.7/9, Error ellipse: s-maj=44.2km s-min=18.3km az=166.0

JMA 02 22:46:26.0-1.0, 45:72N, 142:53E, h331km, M3.5 ISC 02 22:46:24.1-0.7, 45:81N, 0:10:142.56E, 0:10, h333km, n17, o154/19, mb3.2/7, Hokkaido region

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

ISCJB 02 22:47:12.5-0.6, 50:35N, 0:04:18.78E, 0:03, h0km, Error ellipse: s-maj=5.8km s-min=2.3km az=12.6

IPEC 02 22:47:13.2-0.3, 50:38N, 18:89E, h1km, 2km, ML1.5/3, Error ellipse: s-maj=2.7km s-min=1.8km az=171.0

CSEM 02 22:47:13.0-0.4, 50:41N, 18:80E, h2km, ML2.5/5, Error ellipse: s-maj=9.5km s-min=3.5km az=77.0

PRU 02 22:47:13.9, 50:38N, 18:81E, h0km ISC 02 22:47:13.5-0.9, 50:33N, 0:04:18.81E, 0:02, h0km, n32, o85/5/4, Poland

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

CSEM 02 22:07:05.0, 0.3, 37:97N, 36:76E, h10km, MD2.5, Error

WHZ	comp=Z,82nm,0.9s Wether Hill Ro comp=Z,303nm,2.0s	26.55 181	eP	P	23 13 39.5 -1.2	LUWI LUWI	48.43 286	PFAKE LR	LR	23 17 00.0 +15	PSI PSI	comp=Z,12nm,0.8s,baz=146,slow=5.3,SNR=17 Prapat 71.87 280 P Prapat 71.87 280 eP	P Pmax	P Pmax	23 19 25.3 -0.7 23 19 25.1 -1.0	
WHZ	comp=Z,5um,20.0s Manus Island comp=Z,64nm,0.9s	26.96 307	eP	P	23 13 45.0 +0.3	KAPI Kappang comp=Z,566nm,1.1s,SNR=5.7	49.67 280	P	P	23 16 55.0 +0.2	PSI PSI	comp=Z,47nm,1.1s	MLR MLR	MLR MLR	23 19 25.1 -1.0	
MANU	comp=Z,1um,20.0s Toolangi baz=27,SNR=5.4	27.20 223	P	P	23 13 47.2 +0.5	KAPI Giralali baz=51,SNR=3.7	50.69 256	P	P	23 17 02.6 +0.1	PSI PSI	comp=Z,500nm,20.0s Prapat 71.87 280 P Prapat 71.87 280 eP	P P	P P	23 19 25.1 -1.0	
QIS	Mount Isa baz=27,SNR=7.4	27.32 262	P	P	23 13 47.6 -0.3	RKT Rikitea comp=Z,504nm,27.8s	52.44 105	eS	S	23 24 46.9 +8.6	PSI	comp=Z,46nm,1.1s	LR LR	LR LR	23 19 25.1 -1.0	
ARPS	Mount Arapiles baz=29,SNR=8.0	29.24 228	P	P	23 14 05.8 +1.1	RKT Chichi Jim comp=Z,2um,30.5s	52.76 330	eP	P	23 17 16.7 -1.0	WHN WHN WHN	comp=Z,500nm,20.0s Wuhan 71.96 313	P P S	P S	23 19 26.6 +0.6 23 28 44.1 +0.4	
MOO	Moorlands baz=30,SNR=5.3	29.27 214	P	P	23 14 07.4 +1.5	JAGI UGM Jajag, Banyuwa comp=Z,313nm,1.5s	53.79 274 57.38 273	eP eP	P P	23 17 23.9 -1.6 23 17 50.5 -0.9	PET PET PEAO PETK	comp=Z,2um,20.3s Petropavlovsk- Petropavlovsk- Petropavlovsk- Petropavlovsk-	72.52 354 72.71 353 72.71 353 72.71 353	eP eS eP eP	P P P P	23 19 29.1 +0.3 23 28 49.2 0.0 23 29 31.3 +1.3 23 19 29.2 -0.7
TAU	Tasmania Unive comp=Z,569nm,2.5s	29.64 213	eP	Pmax	23 14 08.1 -0.1	KKM KMM Kota Kinabalu baz=58,SNR=5.0	57.42 291	P	P	23 17 51.6 -0.1	KKM KMM	comp=Z,500nm,22.0s Vanda 58.37 182 P Vanda 58.37 182 P	P P	P P	23 19 00.0 +8.3 23 17 57.5 +0.2 23 39 07.2	
TAU	Tasmania Unive comp=Z,569nm,2.5s	29.64 213	eP	P	23 14 08.1 -0.1	VNDA Vnnda comp=Z,1um,21.7s,baz=20,slow=32	58.37 182	P	Pmax	23 17 57.5 +0.2	VNDA Vnnda	comp=Z,4.0nm,0.4s Vanda 58.37 182 P	P Pmax	MLR MLR	23 17 57.9 +0.6	
RAR	Rarotonga comp=Z,1um,22.0s,baz=264,slow=31	29.67 99	LR	LR	23 23 36.2	VNDA Vnnda comp=Z,1um,21.7s	58.37 182	P	Pmax	23 17 57.5 +0.2	SBA SBA Scott Base	comp=Z,2.20nm,0.9s Scott Base 58.62 180 P	P Pmax	P Pmax	23 18 01.0 +2.0	
BBOO	Buckleboo baz=32,SNR=18	32.08 239	P	P	23 14 30.0 0.0	SBA SBA Scott Base comp=Z,78nm,0.9s	58.62 180	eP	P	23 18 01.0 +2.0	CASY CASY comp=Z,102nm,1.8s	59.86 203	eP	P	23 18 07.7 -0.1	
BBOO	Buckleboo comp=Z,35nm,0.8s	32.08 239	eP	P	23 14 30.4 +0.4	CASY CASY comp=Z,1um,19.0s	60.04 272	eP	P	23 18 09.3 -0.6	CISI Cisonot, Garu comp=Z,61nm,1.0s	60.84 283	eP	P	23 18 15.0 -0.3	
WB2	Warramunga Arr comp=Z,32nm,1.2s	32.28 263	PFAKE LR	LR	23 14 40.0 +8.2	KSM KSM Kuching comp=Z,30nm,0.9s	60.84 283	eP	P	23 18 15.0 -0.3	KSM INU Inuyama comp=Z,106nm,1.4s	62.07 331	eP	P	23 18 25.5 +2.4	
WRAB	Tennant Creek comp=Z,2um,18.0s	32.28 263	eP	P	23 14 30.1 -1.8	INU Inuyama comp=Z,106nm,1.4s	62.07 331	eP	P	23 18 25.5 +2.4	MJAR MJAR Matsushiro Arr comp=Z,315nm,20.6s,baz=150,slow=32	62.53 333	P	P	23 18 25.5 -0.7	
WRAB	Tennant Creek comp=Z,2um,18.0s	32.28 263	eS	S	23 19 46.3 +4.2	MJAR MJAR Matsushiro Arr comp=Z,35nm,1.1s	62.53 333	P	Pmax	23 18 25.5 -0.7	MJAR MJAR Matsushiro comp=Z,315nm,20.6s	62.53 333 62.53 333	P P	P P	23 18 25.5 -0.7 23 18 26.3 +0.1 23 18 26.7 +0.5	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	MAJO MAJO Matsushiro comp=Z,172nm,1.6s	62.53 333	P	P	23 18 25.9 -0.3 23 26 46.8 -3.3 23 18 29.7 +0.3	MAT MAT Matsushiro	62.53 333	P	S	23 26 46.8 -3.3 23 18 29.7 +0.3	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	NACB Ninganchiao comp=Z,109nm,1.1s	62.99 311	eP	P	23 18 30.1 -0.5	TPUB Ta-pu comp=Z,102nm,1.0s	63.14 310	eP	P	23 18 30.1 -0.5	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	TPUB Ta-pu comp=Z,102nm,1.0s	63.14 310	eP	P	23 18 30.1 -0.5	SSLB Suanglung comp=Z,75nm,1.2s	63.20 311	eP	P	23 18 29.8 -1.1	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSLB Suanglung comp=Z,75nm,1.2s	63.20 311	eP	P	23 18 29.8 -1.1	JNU Nakatsue comp=Z,89nm,1.0s,baz=102,slow=4.9,SNR=7.8	63.38 325 63.38 325	P P	P P	23 18 32.1 +0.2 23 18 32.3 +0.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	JNU Nakatsue comp=Z,89nm,1.0s,baz=102,slow=4.9,SNR=7.8	63.38 325 63.38 325	P P	P	23 18 32.3 +0.4	YHNB Yeheng comp=Z,134nm,1.0s	63.45 312	eP	P	23 18 33.4 +0.7	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	YHNB Yeheng comp=Z,134nm,1.0s	63.45 312	eP	P	23 18 33.4 +0.7	TATO Taipei comp=Z,826nm,1.9s	63.57 312	eP	P	23 18 36.2 +2.9	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	TATO Taipei comp=Z,826nm,1.9s	63.57 312	eP	P	23 18 36.2 +2.9	YUK Yuzh-Kurik comp=Z,205nm,1.5s	66.37 342	P	P	23 18 46.7 -4.4 23 19 04.0 +11	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	YUK Yuzh-Kurik comp=Z,205nm,1.5s	66.37 342	P	P	23 18 46.7 -4.4 23 19 04.0 +11	MIR Mirnyy comp=Z,60nm,1.5s	66.76 2051	Pmax	Pmax	23 19 10.0 +15	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	MIR Mirnyy comp=Z,60nm,1.5s	66.76 2051	Pmax	Pmax	23 19 10.0 +15	MYKOM MYKOM Kota Tinggi comp=Z,600nm,22.0s	66.93 281	PFAKE LR	LR	23 18 54.6 0.0 23 19 18.0 23 27 39.6 -4.3 23 18 58.5 +0.6	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	MYKOM MYKOM Kota Tinggi comp=Z,600nm,22.0s	66.93 281	PFAKE LR	LR	23 18 54.6 0.0 23 19 18.0 23 27 39.6 -4.3 23 18 58.5 +0.6	KUR KUR Kuril'sk comp=Z,44nm,1.0s,baz=225,slow=10.0,SNR=6.7	67.44 340 67.44 340	P P	P P	23 18 58.5 +0.6	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KUR KUR Kuril'sk comp=Z,44nm,1.0s,baz=225,slow=10.0,SNR=6.7	67.44 340 67.44 340	P P	P	23 18 58.5 +0.6	ASAJ Asahikawa comp=Z,45nm,1.0s	67.44 340	eP	P	23 18 59.7 +1.8	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	ASAJ Asahikawa comp=Z,45nm,1.0s	67.44 340	eP	P	23 18 59.7 +1.8	SSE SSE Sheshan comp=Z,65nm,1.0s	67.72 317	P	S	23 19 03.4 +3.5 23 27 55.3 +1.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSE SSE Sheshan comp=Z,65nm,1.0s	67.72 317	P	S	23 19 03.4 +3.5 23 27 55.3 +1.4	SSE SSE comp=Z,24nm,0.7s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSE SSE comp=Z,24nm,0.7s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	SSE SSE comp=Z,190nm,6.7s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSE SSE comp=Z,190nm,6.7s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	SSE SSE comp=Z,200nm,24.2s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSE SSE comp=Z,200nm,24.2s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	SSE SSE comp=Z,330nm,24.2s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	SSE SSE comp=Z,330nm,24.2s	67.72 317	P	PMZ	23 19 03.4 +3.5 23 27 55.3 +1.4	TJN Taejon comp=Z,44nm,1.0s,baz=142,slow=6.6,SNR=15	67.72 325 68.22 326	P P	P P	23 19 02.3 +2.5 23 19 03.0 0.0	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	TJN Taejon comp=Z,44nm,1.0s,baz=142,slow=6.6,SNR=15	67.72 325 68.22 326	P P	P	23 19 02.3 +2.5 23 19 03.0 0.0	KSR KSR Korea Array comp=Z,7.6nm,0.9s,baz=142,slow=6.6,SNR=15	68.22 326 68.22 326	P P	P P	23 19 03.0 0.0	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KSR KSR Korea Array comp=Z,7.6nm,0.9s,baz=142,slow=6.6,SNR=15	68.22 326 68.22 326	P P	P	23 19 03.0 0.0	KSR KSR Korea Array comp=Z,272nm,21.3s,baz=146,slow=33	68.22 326 68.22 326	P P	P P	23 19 03.0 0.0	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KSR KSR Korea Array comp=Z,272nm,21.3s,baz=146,slow=33	68.22 326 68.22 326	P P	P	23 19 03.0 0.0	KSR KSR Korea Array comp=Z,7.0nm,0.9s	68.22 326 68.22 326	P P	P P	23 19 03.0 0.0	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KSR KSR Korea Array comp=Z,7.0nm,0.9s	68.22 326 68.22 326	P P	P	23 19 03.0 0.0	KSR KSR Korea Array comp=Z,273nm,21.3s	68.24 326 68.24 326	eP eP	P P	23 19 03.0 -0.1 23 19 03.0 -0.1	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KSR KSR Korea Array comp=Z,273nm,21.3s	68.24 326 68.24 326	eP eP	P	23 19 03.0 -0.1 23 19 03.0 -0.1	KS15 Wonju Array Si comp=Z,53nm,0.9s	68.24 326 68.24 326	eP eP	P P	23 19 03.0 -0.1 23 19 03.0 -0.1	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KS15 Wonju Array Si comp=Z,53nm,0.9s	68.24 326 68.24 326	eP eP	P	23 19 03.0 -0.1 23 19 03.0 -0.1	KSAR Wonju Array Be comp=Z,53nm,0.9s	68.24 326 68.24 326	eP eP	P P	23 19 03.0 -0.1 23 19 03.0 -0.1	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KSAR Wonju Array Be comp=Z,53nm,0.9s	68.24 326 68.24 326	eP eP	P	23 19 03.0 -0.1 23 19 03.0 -0.1	KS01 Wonju Array Si comp=Z,53nm,0.9s	68.26 326 68.93 325	eP eP	P P	23 19 03.1 -0.1 23 19 08.9 +1.5	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	KS01 Wonju Array Si comp=Z,53nm,0.9s	68.26 326 68.93 325	eP eP	P	23 19 03.1 -0.1 23 19 08.9 +1.5	INCN Inchon comp=Z,130nm,1.0s	69.02 278	eP	P	23 19 09.0 +0.5	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	INCN Inchon comp=Z,130nm,1.0s	69.02 278	eP	P	23 19 09.0 +0.5	BKNI Bankingang comp=Z,130nm,1.0s	69.02 278	eP	P	23 19 09.0 +0.5	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	BKNI Bankingang comp=Z,130nm,1.0s	69.02 278	eP	P	23 19 09.0 +0.5	BKNI BKNI comp=Z,600nm,21.0s	69.11 300	P	LR	23 19 10.1 +1.2	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	BKNI BKNI comp=Z,600nm,21.0s	69.11 300	P	LR	23 19 10.1 +1.2	QIZ Qiongzhong comp=Z,450nm,5.0s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	QIZ Qiongzhong comp=Z,450nm,5.0s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	QIZ QIZ comp=Z,47nm,2.0s	69.11 300	P	PMZ	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	QIZ Qiongzhong comp=Z,47nm,2.0s	69.11 300	P	PMZ	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	QIZ QIZ comp=Z,450nm,5.0s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	QIZ Qiongzhong comp=Z,450nm,5.0s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	QIZ QIZ comp=Z,330nm,22.1s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	QIZ Qiongzhong comp=Z,330nm,22.1s	69.11 300	P	LR	23 19 31.8 -0.8 23 19 37.6 +8.7 23 28 04.8 -6.2 23 28 44.8 +10	NJ2 Nanjing comp=Z,20nm,0.6s	69.85 316	eP	PMZ	23 19 13.0 -0.2	
WRAB	Tennant Creek comp=Z,32nm,1.2s	32.28 263	eS	S	23 19 46.3 +4.2	NJ2 Nanjing comp=Z,20nm,0.6s	69.85 316	eP	PMZ	23 19 13.0 -0.2	YSS YSS Yuzh-Sakhalins comp=Z,50nm,1.2s	69.94 341</				

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Hvu, SPUT, KOLN, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GEYT, AKTO, MCWV, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BRTR, BRTR, BRTR, etc.

3d 0h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Penmaenmawr, WLF1, YRC, etc.

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BBLs, KUBS, KUBS, etc.

MEX 02 23:20:58.0±0.3, 15.03N-93.57W, h36km, 2gkm, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PCIG, PCIG, TGIG, etc.

NEIC 03 00:27:30.6, 19.03N-66.47W, h0km, MD3.1(RSPR), After RSPR

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

ISC 03 00:56:56.3±0.3, 43.77N-01:20:68E-01, h13km, 1km, h13km, P-2198, s128/2444, m5.3/266, MS5.2/72, 128C-157D, Northwestern Balkan Peninsula

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

RSPR 03 00:27:30.6, 19.03N-66.47W, h0km, 3km, MD3.0/4, 17C, Puerto Rico region

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

SFS 03 00:56:56.0±0.2, 43.76N-20:71E, h9km, 1km, M5.4/1 CSEM 03 00:56:56.0±0.2, 43.75N-20:66E, h15km, m5.3/99, ML6.1/11, Mw5.3, Error ellipse: s-maj=1.6km s-min=1.3km az=25.0

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

NEIC Two people killed, more than 100 injured, 1,000 homes destroyed and 5,000 damaged [IV] at Kraljevo. Felt [V] at Gornji Milanovac and Valjevo; [IV] at Belgrade, Bor, Jagodina, Kragujevac, Lazarevac, Obrenovac, Ruma, Smederevo, Sopot, Sremska Mitrovica and Trstenik. Felt [IV] at Bijeljina and Tuzla and [III] at Sarajevo and Zenica, Bosnia and Herzegovina. Felt [III] at Kosovska Mitrovica, Kosovo and [II] at Skopje, Macedonia and at Sofia and Vidin, Bulgaria. Felt [II] at Osijek, Croatia. Also felt at Dubrovnik, Felt throughout Serbia, in much of Kosovo, in western Bulgaria, in eastern Bosnia and Herzegovina and in parts of Montenegro and Romania.

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

CSEM 03 00:54:21.7, 37.38N; 19.99E, h20km, MD3.3, After ATH ATH 03 00:54:21.7, 37.38N; 19.99E, h20km, 2km, MD3.3/12, BBLs Laz1&263;1

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

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

OHR	comp=N,145µm,2.8s	eLg	Lg	00 58 30.4	ARCR	ARCALIA	4.21 37	Pn	00 57 58.9 -1.1	comp=N,13µm,1.4s	CUC	Castrocuco	5.24 226	ePn	Pn	00 58 12.9 -1.3
OHR	Ohrid	2.66 178	ePn	Pn	00 57 38.2 -0.6	OUR	Ouranopolis	4.22 143	ePn	00 57 58.8 -1.3	CUC	Castrocuco	5.24 226	ePn	Pn	00 58 12.9 -1.3
OHR			i/Sn	Sg	00 58 10.0 -0.8	OUR	Ouranopolis	4.22 143	ePn	00 57 58.8 -1.3	CUC	Castrocuco	5.24 226	ePn	Pn	00 58 12.9 -1.3
OHR			i/Sg	Sg	00 58 25.0 +3.5	ODT	Castel del Mon	4.22 232	ePn	00 57 58.9 -1.4	SMIA	Simia	5.24 158	ePn	Pn	00 58 13.0 -0.7
OHR			eLg	Lg	00 58 30.4	GOL	Golise	4.24 304	Pn	00 58 47.4 -2.4	SMIA	Simia	5.24 158	ePn	Pn	00 58 13.0 -0.7
BLY	comp=N,45µm,2.8s				00 57 39.0 -0.3	GOLS	Golise	4.24 304	i/Pn	00 58 00.0 -0.5	SMOL	Smolenice	5.26 336	eP	Pn	00 58 13.8 -0.7
BLY	Banja Luka	2.70 293	i/Pn	Pn	00 57 39.0 -0.3	GOLS			i/Sn	00 58 47.4 -2.4	SMOL	Smolenice	5.26 336	eP	Pn	00 58 13.8 -0.7
BLY	Banja Luka	2.70 293	i/Pn	Pn	00 57 39.0 -0.3	IGT	Igoumenitsa	4.24 184	Pn	00 58 00.4 -0.1	SMOL	Smolenice	5.26 336	eP	Pn	00 58 13.8 -0.7
BLY	Banja Luka	2.70 293	i/Pn	Pn	00 57 39.0 -0.3	IGT	Igoumenitsa	4.24 184	Pn	00 58 00.4 -0.1	SMOL	Smolenice	5.26 336	eP	Pn	00 58 13.8 -0.7
BLY	Banja Luka	2.70 293	i/Pn	Pn	00 57 39.0 -0.3	BOJS	Bojanci	4.25 296	i/Pn	00 58 00.5 -0.2	SMOL	Smolenice	5.26 336	ePn	Pn	00 58 13.8 -0.7
BLY	Banja Luka	2.70 293	i/Pn	Pn	00 57 39.0 -0.3	BOJS	Bojanci	4.25 296	i/Sn	00 58 47.5 -2.5	SMOL	Smolenice	5.26 336	ePn	Pn	00 58 13.8 -0.7
LOT	Lotru	2.77 52	i/Pn	Pn	00 57 40.0 -0.4	BOJS	Bojanci	4.25 296	i/Sn	00 58 00.5 -0.2	GADA	Gvkgcada	5.28 131	ePn	Pn	00 58 13.5 -1.3
LOT	Lotru	2.77 52	i/Pn	Pn	00 57 40.0 -0.4	BOJS	Bojanci	4.25 296	i/Sn	00 58 47.5 -2.5	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
LOT	Lotru	2.77 52	i/Pn	Pn	00 57 40.0 -0.4	MATE	Matera	4.29 225	i/Pn	00 57 59.8 -1.4	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY	Valandovo	2.81 150	i/Pn	Pn	00 57 40.0 -0.4	MATE	Matera	4.29 225	i/Pn	00 58 01.4 -0.2	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY			eSn	Sg	00 58 13.7 -0.9	CESS	Cesta pri Krsk	4.32 303	i/Pn	00 58 49.1 -2.7	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY			i/Sg	Sg	00 58 26.3 -0.3	CESS	Cesta pri Krsk	4.32 303	i/Sn	00 58 01.4 -0.2	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY			eLg	Lg	00 58 32.7	CESS	Cesta pri Krsk	4.32 303	i/Sn	00 58 49.1 -2.7	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY	comp=E,29µm,2.0s				00 58 33.1	CESS	Cesta pri Krsk	4.32 303	i/Sn	00 58 49.1 -2.7	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY	comp=N,16µm,1.1s				00 57 39.6 -1.3	BMR	Baia Mare	4.38 26	i/Pn	00 58 01.5 -0.9	KOLS	Kolonice sedl	5.28 11	ePn	Pn	00 58 14.8 -0.1
VAY	Valandovo	2.81 150	ePn	Pn	00 57 39.6 -1.3	BMR	Baia Mare	4.38 26	Sg	00 59 14.8 -1.9	PRAR	RASCA	5.30 45	i/Pn	Pn	00 58 15.1 0.0
VAY	Valandovo	2.81 150	ePn	Pn	00 57 39.6 -1.3	BMR	Baia Mare	4.38 26	Sg	00 59 14.8 -1.9	PRAR	RASCA	5.30 45	i/Pn	Pn	00 58 15.1 0.0
VAY	Valandovo	2.81 150	ePn	Pn	00 57 39.6 -1.3	DBS	Dobrina	4.40 305	i/Sn	00 58 02.0 -0.7	PRAR	RASCA	5.30 45	i/Pn	Pn	00 58 15.1 0.0
VAY			eSn	Sg	00 58 13.7 -0.9	DBS	Dobrina	4.40 305	i/Sn	00 58 51.9 -1.9	TRI	Trieste	5.30 294	eP	Pn	00 58 15.0 0.0
VAY			i/Sg	Sg	00 58 26.3 -0.3	DBS	Dobrina	4.40 305	i/Pn	00 58 02.0 -0.7	TRI	Trieste	5.30 294	eP	Pn	00 58 15.0 0.0
VAY			eLg	Lg	00 58 32.6	DBS	Dobrina	4.40 305	i/Sn	00 58 51.9 -1.9	TRI	Trieste	5.30 294	eP	Pn	00 58 15.0 0.0
RMVG	GOVORA	2.88 63	i/Pn	Pn	00 57 44.1 +2.3	ISR	Istrita	4.41 70	i/Pn	00 58 02.6 -0.3	TRI	Trieste	5.30 294	ePn	Pn	00 58 15.0 0.0
RMVG	GOVORA	2.88 63	i/Pn	Pn	00 57 44.1 +2.3	ISR	Istrita	4.41 70	i/Pn	00 58 02.6 -0.3	ERI	Erikli-Kesan	5.32 124	ePn	Pn	00 58 13.9 -1.4
RMVG	GOVORA	2.88 63	i/Pn	Pn	00 57 44.1 +2.3	ISR	Istrita	4.41 70	i/Pn	00 58 02.6 -0.3	ERI	Erikli-Kesan	5.32 124	ePn	Pn	00 58 13.9 -1.4
PKS6	Bocsa	2.94 345	ePn	Pn	00 57 42.2 -0.4	PAIG	Paliouri	4.44 149	Pn	00 58 01.9 -1.4	ERI	Erikli-Kesan	5.32 124	ePn	Pn	00 58 13.9 -1.4
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	PAIG	Paliouri	4.44 149	Pn	00 58 01.9 -1.4	CVD	Cernavoda	5.33 82	i/Pn	Pn	00 58 14.5 -0.9
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	JOSR	Joseni	4.50 48	i/Pn	00 58 04.1 -0.1	CVD	Cernavoda	5.33 82	i/Pn	Pn	00 58 14.5 -0.9
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	JOSR	Joseni	4.50 48	i/Pn	00 58 04.1 -0.1	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	Trpa	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA	TRPA	4.55 161	ePn	00 58 04.4 -0.4	CONA	Conrad Observa	5.35 323	i/Sn	Pn	00 58 14.9 -1.0
FNA	Florina	3.02 170	Pn	Pn	00 57 42.2 -0.4	TRPA										

Table with columns for call sign, name, frequency, and other technical details. Includes entries for MORC, L'vov, Ojcow, Raciborz, Balya, Kishinev, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries for Pruhonice, Apeiranthos, FETA, GAMES, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries for Kiev, AKASG, Malin Array Be, etc.

VOSK	Vostochnaya	34.04 57 eP	P	01 03 38.8 -1.0
SCO	Scoresbyund	34.07 336 eP	P	01 03 49.3 +9.5
SCO	Scoresbyund	34.07 336 iP	P	01 03 49.3 +9.5
NAZ	Nazwa, Dubai	34.08 112 iP	P	01 03 39.0 -1.4
NAZ	Nazwa, Dubai	34.08 112 P	P	01 03 39.0 -1.4
ASUD	Al Ashush, Dub	34.10 113 iP	P	01 03 39.8 -0.8
ASUD	Al Ashush, Dub	34.10 113 P	P	01 03 39.8 -0.8
FAQ	Al Faqa, Dubai	34.20 112 iP	P	01 03 39.8 -1.6
FAQ	Al Faqa, Dubai	34.20 112 P	P	01 03 39.8 -1.6
UOSS	Wadi Hillu	34.47 111 P	P	01 03 42.9 -0.9
UOSS	Wadi Hillu	34.47 111 eP	P	01 03 42.1 -1.7
UOSS	Wadi Hillu	34.47 111 iP	P	01 03 42.1 -1.7
HATD	Hatta, Dubai	34.50 112 iP	P	01 03 42.5 -1.6
HATD	Hatta, Dubai	34.50 112 P	P	01 03 42.5 -1.6
ASHO	Ashiyah	34.55 112 P	P	01 03 42.8 -1.7
ASHO	Ashiyah	34.55 112 iP	P	01 03 42.7 -1.9
ASHO	Ashiyah	34.55 112 P	P	01 03 42.8 -1.7
SPB2	Spitsbergen Ar	34.56 358 eP	P	01 03 45.2 +1.2
SPB2	Spitsbergen Ar	34.56 358 eP	P	01 03 45.2 +1.2
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.3 +0.3
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.4 +0.3
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 41.9 -2.2
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 41.9 -2.2
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 45.7 +1.6
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 45.7 +1.6
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 45.1 +1.0
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.0 -0.1
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.0 -0.1
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.5 +0.4
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.5 +0.4
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.9 0.0
SPB2	Spitsbergen Ar	34.57 358 eP	P	01 03 44.9 0.0
TOA1	Torodi Ar. Sit	34.60 214 eP	P	01 03 44.9 0.0
TOA1	Torodi Ar. Sit	34.60 214 eP	P	01 03 44.9 0.0
TOA1	Torodi Ar. Sit	34.60 214 eP	P	01 03 44.0 -1.9
TOA1	Torodi Ar. Sit	34.60 214 eP	P	01 03 44.5 -0.4
TOA1	Torodi Ar. Sit	34.60 214 eP	P	01 03 44.5 -0.4
TORD	Torodi Ar. Bea	34.60 214 P	P	01 03 44.9 -0.1
TORD	Torodi Ar. Bea	34.60 214 P	P	01 20 11.5
KBS	Kingsbay	35.44 357 eP	P	01 03 55.2 +3.7
KBS	Kingsbay	35.44 357 eP	P	01 03 55.2 +3.7
KBS	Kingsbay	35.44 357 eP	P	01 03 55.2 +3.7
DAMY	Dhamar	35.45 138 eP	P	01 03 53.5 +0.9
DAMY	Dhamar	35.45 138 eP	P	01 03 53.5 +0.9
OTUK	Ortay	35.60 64 P	P	01 03 53.4 +0.1
OTUK	Ortay	35.60 64 P	P	01 03 53.4 +0.1
OTUK	Ortay	35.60 64 P	P	01 03 53.4 +0.1
KK31	Karatay Array	35.75 73 iP	P	01 03 54.4 -0.2
KK31	Karatay Array	35.75 73 iP	P	01 03 54.4 -0.2
KK31	Karatay Array	35.75 73 iP	P	01 03 55.0 +0.4
KKAR	Karatay Array	35.75 73 eP	P	01 03 55.0 +0.4
KKAR	Karatay Array	35.75 73 eP	P	01 03 55.0 +0.4
ARQ	Araji	35.77 113 P	P	01 03 54.1 -0.9
ARQ	Araji	35.77 113 P	P	01 03 54.1 -0.9
DZET	Dzherino	36.11 81 P	P	01 03 58.2 +0.3
DZET	Dzherino	36.11 81 P	P	01 03 58.2 +0.3
DZET	Dzherino	36.11 81 P	P	01 04 07.0 +3.1
DAG	Danmarks Havn	36.89 346 eP	P	01 04 07.0 +3.1
DAG	Danmarks Havn	36.89 346 iP	P	01 04 03.9 -1.6
SMD0	Samad	36.99 112 P	P	01 04 03.9 -1.6
SMD0	Samad	36.99 112 P	P	01 04 07.4 -1.0
MNAS	Manas	37.33 73 P	P	01 04 07.4 -1.0
MNAS	Manas	37.33 73 P	P	01 04 07.4 -1.0
ATD	Arta Tunnel	37.39 142 P	P	01 04 08.7 -0.2
WBK	Wadi Bani Khal	37.91 111 P	P	01 04 12.6 -0.7
WBK	Wadi Bani Khal	37.91 111 P	P	01 04 12.6 -0.7
ABTO	Aybut	38.08 123 P	P	01 04 13.9 -0.9
ABTO	Aybut	38.08 123 P	P	01 04 13.9 -0.9
FURI	Furi	38.12 150 eP	P	01 04 17.3 +2.0
FURI	Furi	38.12 150 eP	P	01 04 17.3 +2.0
KBL	Kabul	38.15 87 eP	P	01 04 16.7 +1.3
KBL	Kabul	38.15 87 eP	P	01 04 16.7 +1.3
KBL	Kabul	38.15 87 eP	P	01 04 16.7 +1.3
EKS2	Erkin-Say	38.16 73 eP	P	01 04 15.8 +0.5
EKS2	Erkin-Say	38.16 73 eP	P	01 04 15.8 +0.5
EKS2	Erkin-Say	38.16 73 P	P	01 04 15.8 +0.5
EKS2	Erkin-Say	38.16 73 eP	P	01 04 15.8 +0.5
EKS2	Erkin-Say	38.16 73 eP	P	01 04 15.8 +0.5
RBK	Rabkut	38.52 122 P	P	01 04 17.2 -1.2
RBK	Rabkut	38.52 122 P	P	01 04 17.2 -1.2
AAK	Ala-Archa	38.66 72 P	P	01 04 19.8 +0.2
AAK	Ala-Archa	38.66 72 eP	P	01 04 19.3 -0.3
AAK	Ala-Archa	38.66 72 eP	P	01 04 20.3 +0.7
AAK	Ala-Archa	38.66 72 P	P	01 04 20.3 +0.7
AAK	Ala-Archa	38.66 72 eP	P	01 04 19.3 -0.3
AAK	Ala-Archa	38.66 72 eP	P	01 04 20.6 +1.1
FRU	Bishkek	38.68 72 iP	P	01 04 21.0 +1.5
FRU	Bishkek	38.68 72 iP	P	01 10 18.0
FRU	Bishkek	38.68 72 iP	P	01 04 21.0 +1.5
FRU	Bishkek	38.68 72 iP	P	01 04 21.9 +0.6
UCH	Uchtor	38.82 73 P	P	01 04 22.4 +0.3
SFK	Sufi-Kurgan	38.95 77 P	P	01 04 22.4 +0.3
SFK	Sufi-Kurgan	38.95 77 P	P	01 04 22.4 +0.3
SFK	Sufi-Kurgan	38.95 77 P	P	01 04 23.2 +1.1

KURBB	Kurchatov Arra	39.02 59 P	P	01 04 21.7 -0.5
KURBB	Kurchatov Arra	39.02 59 P	P	01 05 52.1 +0.6
KURK	Kurchatov	39.05 59 P	P	01 04 21.7 -0.8
KURK	Kurchatov	39.05 59 P	P	01 05 52.1
KURK	Kurchatov	39.05 59 P	P	01 04 22.9 +0.4
KURK	Kurchatov	39.05 59 P	P	01 04 21.7 -0.8
KURK	Kurchatov	39.05 59 eP	P	01 04 21.6 -0.8
KURK	Kurchatov	39.05 59 eP	P	01 05 52.1 +0.3
TKM2	Tokmak 2	39.32 72 iP	P	01 04 24.8 -0.3
TKM2	Tokmak 2	39.32 72 P	P	01 04 25.7 +0.5
TKM2	Tokmak 2	39.32 72 iP	P	01 04 24.8 -0.3
TKM2	Tokmak 2	39.32 72 eP	P	01 04 25.7 +0.5
TKM2	Tokmak 2	39.32 72 P	P	01 04 27.5 +1.5
KYZart	Kyzart	39.72 336 eP	P	01 04 28.3 0.0
SUMG	Summit	39.72 336 eP	P	01 04 28.3 0.0
SUMG	Summit	39.72 336 eP	P	01 04 28.3 0.0
SUMG	Summit	39.72 336 eP	P	01 04 28.3 0.0
ULHL	Ulhal	40.01 72 P	P	01 04 31.2 +0.3
KSH	Kashi	40.89 76 iP	P	01 04 37.8 -0.3
KSH	Kashi	40.89 76 iP	P	01 04 42.6 +0.4
KSH	Kashi	40.89 76 iP	P	01 06 15.0 -1.5
KSH	Kashi	40.89 76 iP	P	01 06 38.4 -0.2
KSH	Kashi	40.89 76 iP	P	01 10 31.0 +1.5
KSH	Kashi	40.89 76 iP	P	01 10 47.1 -2.2
KSH	Kashi	40.89 76 iP	P	01 10 54.4 -1.6
KSH	Kashi	40.89 76 iP	P	01 20 11.5
KSH	Kashi	40.89 76 iP	P	01 03 55.2 +3.7
KSH	Kashi	40.89 76 iP	P	01 03 55.2 +3.7
NVS	Novosibirsk	40.94 52 iP	P	01 04 39.2 +1.1
NVS	Novosibirsk	40.94 52 iP	P	01 05 18.0
NVS	Novosibirsk	40.94 52 iP	P	01 04 39.2 +1.1
PDGK	Podgornoye	41.83 69 P	P	01 04 46.0 +0.5
PDGK	Podgornoye	41.83 69 P	P	01 04 46.0 +0.5
PDGK	Podgornoye	41.83 69 P	P	01 04 46.0 +0.5
ZAA0	Zalesovo Array	42.03 53 eP	P	01 04 45.9 -1.2
ZAA1	Zalesovo Array	42.03 53 eP	P	01 04 45.9 -1.2
ZAA1	Zalesovo Array	42.03 53 eP	P	01 04 46.5 -0.6
ZAA1	Zalesovo Array	42.03 53 eP	P	01 04 46.5 -0.6
ZALV	Zalesovo Beam	42.03 53 P	P	01 04 46.5 -0.6
ZALV	Zalesovo Beam	42.03 53 P	P	01 23 34.1
ZALV	Zalesovo Beam	42.03 53 P	P	01 04 46.9 -0.2
ZALV	Zalesovo Beam	42.03 53 P	P	01 04 46.9 -0.2
ZALV	Zalesovo Beam	42.03 53 P	P	01 04 46.9 -0.2
ZALV	Zalesovo Beam	42.03 53 P	P	01 04 46.9 -0.2
MAK2	Makanchi	42.27 64 eP	P	01 04 47.9 -1.3
MAK2	Makanchi	42.27 64 eP	P	01 04 47.9 -1.3
MAK2	Makanchi	42.27 64 eP	P	01 04 48.0 -1.3
MAK2	Makanchi	42.27 64 eP	P	01 04 50.7 -0.2
MK31	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MK31	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MK31	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MK32	Makanchi Array	42.48 64 eP	P	01 04 50.7 -0.2
MK32	Makanchi Array	42.48 64 eP	P	01 06 45.3 +1.7
MK32	Makanchi Array	42.48 64 eP	P	01 04 50.7 -0.2
MKAR	Makanchi Array	42.48 64 P	P	01 06 45.3 +1.7
MKAR	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MKAR	Makanchi Array	42.48 64 P	P	01 06 45.3
MKAR	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MKAR	Makanchi Array	42.48 64 P	P	01 04 50.7 -0.2
MKAR	Makanchi Array	42.48 64 P	P	01 04 50.9 0.0
MK01	Makanchi Array	42.49 64 eP	P	01 04 49.8 -1.2
MK01	Makanchi Array	42.49 64 eP	P	01 04 49.8 -1.2
DBIC	Dimbokro	43.21 219 iP	P	01 04 56.4 -0.6
DBIC	Dimbokro	43.21 219 iP	P	01 25 39.4
DBIC	Dimbokro	43.21 219 eP	P	01 04 56.4 -0.6
DBIC	Dimbokro	43.21 219 eP	P	01 04 56.4 -0.6
DBIC	Dimbokro	43.21 219 eP	P	01 04 56.4 -0.6
TIC	Toumoudi	43.31 219 eP	P	01 04 56.5 -1.4
KIC	Kosan Boka	43.43 218 eP	P	01 04 57.4 -1.4
LIC	Lamto	43.68 219 eP	P	01 04 59.7 -1.2
LIC	Lamto	43.68 219 iP	P	01 05 00.3 -0.6
LIC	Lamto	43.68 219 iP	P	01 05 00.3 -0.6
LIC	Lamto	43.68 219 iP	P	01 05 00.3 -0.6
LIC	Lamto	43.68 219 iP	P	01 05 00.3 -0.6
LIC	Lamto	43.68 219 iP	P	01 05 00.3 -0.6
MBAR	Mbarara	45.08 166 P	P	01 05 11.4 -0.8
MBAR	Mbarara	45.08 166 eP	P	01 05 11.4 -0.8
MBAR	Mbarara	45.08 166 eP	P	01 05 11.4 -0.8
MBAR	Mbarara	45.08 166 eP	P	01 05 11.4 -0.8
KHET	Khetri	46.47 91 eP	P	01 05 22.0 -0.9
KUDL	Kudra	46.92 90 ex	P	01 05 25.6 -0.9
KMBO	Kilima Mbogo	47.09 157 P	P	01 05 28.1 -0.1
KMBO	Kilima Mbogo	47.09 157 P	P	01 28 38.4
KMBO	Kilima Mbogo	47.09 157 P	P	01 05 28.1 -0.1
KMBO	Kilima Mbogo	47.09 157 P	P	01 05 28.0 -0.1
KMBO	Kilima Mbogo	47.09 157 eP	P	01 05 28.0 -0.1
WMQ	Urumqi	47.12 65 P	P	01 05 28.3 +0.3
WMQ	Urumqi	47.12 65 P	P	01 05 34.9 +1.1
WMQ	Urumqi	47.12 65 P	P	01 06 59.5 -0.1
WMQ	Urumqi	47.12 65 P	P	01 07 19.3 +0.7

WMQ	ScP	ScP	01 10 50.6 -2.4	
WMQ	PcS	PcS	01 10 54.2 -0.5	
WMQ	S	S	01 12 20.2 +0.3	
WMQ	Ss	Ss	01 12 28.2 +1.5	
WMQ	Ss	Ss	01 15 20.1 -1.8	
WMQ	SS	SS	01 15 39.1 -7.5	
WMQ	PMZ	PMZ		
WMQ	PMZ	PMZ		
WMQ	LN	LN		
WMQ	LE	LE		
WMQ	LZ	LZ		
NDI	New Delhi	47.14 89 eP	P	01 05 28.0 -0.2
HVS	Deer Lake	48.04 54 eP	P	01 05 35.0 0.0
HVS	Deer Lake	48.04 54 eP	P	01 05 35.0 0.0
HVS	Deer Lake	48.04 54 eP	P	01 05 35.0 0.0
HVS	Deer Lake	48.04 54 eP	P	01 06 03.1 -0.7
HVS	Deer Lake	48.04 54 eP	P	01 06 03.1 -0.7
MOY	Mondy	52.03 51 eP	P	01 06 05.6 +0.2
MOY	Mondy	52.03 51 eP	P	01 06 05.6 +0.2
DANN	Dangsing	52.07 85 eP	P	01 06 05.9 -0.2
KOLN	Koldanda	52.28 86 eP	P	01 06 06.8 -0.9
GKN	Gorkha	52.90 85 eP	P	01 06 11.1 -1.1
DMN	Daman	53.46 85 eP	P	01 06 15.7 -0.7
KKK	Kakani	53.48 85 eP	P	01 06 15.6 -0.9
TLY	Talaya	53.51 50 eP	P	01 06 16.6 +0.4
TLY	Talaya	53.51 50 eP	P	01 09 17.5
TLY	Talaya			

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, MLR, MFR, etc.).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., LN, LE, LZ, P, etc.).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., eP, P, Pmax, etc.).

B32A	Ashes, Strandq	72.96 322	P	P	01 08 24.6	-0.5	SVW2 Sparrevohn	75.45 358	eP	sP	01 08 48.0	+2.7	WVT Waverly	77.39 308	eP	P	01 08 50.0	-0.8
CAST	Castle Rocks	73.00 357	eP	P	01 08 26.1	+0.9	SVW2 Sparrevohn	75.45 358	eP	sP	01 08 48.0	+2.7	E25A Miller Ranch,	77.41 324	P	P	01 08 51.7	+0.8
CAST	Castle Rocks	73.00 357	eP	P	01 08 26.1	+0.9	B26A Jensen Ranch,	75.45 325	P	P	01 08 39.5	-0.2	G28A Paradi	77.44 322	P	P	01 08 51.3	+0.2
C33A	Trail	73.08 321	P	P	01 08 25.7	-0.2	SJG San Juan	75.46 281	PFAKE	LR	01 08 50.0	+1.0	H29A Onida	77.47 321	P	P	01 08 50.9	-0.3
USRK	Ussuriysk Ar.	73.17 44	P	P	01 08 25.9	-0.5	F31A Hecla	75.64 321	P	P	01 08 40.3	-0.5	N37A Lee Faris, Mou	77.49 315	P	P	01 08 50.5	-0.9
USRK	comp=Z,4.6nm,0.6s,baz=299,slow=5.4,SNR=15	LR	LR	01 43 43.1		EDM Edmonton	75.64 333	eP	pmax	01 08 40.6	-0.1	F26A Lodgepole	77.61 323	P	P	01 08 52.4	+0.4	
KOMG	Komagass	73.26 183	I	Amb	01 08 28.3		EDM Edmonton	75.64 333	eP	pmax	01 08 40.6	-0.1	G27A Dupree	77.66 323	P	P	01 08 52.3	0.0
KOMG	comp=Z,2um,4.9s	eP				EDM Edmonton	75.64 333	eP		01 08 40.6	-0.1	I30A Oacoma	77.66 320	P	P	01 08 52.1	-0.2	
KHON	Khomkaen	73.27 83	P	P	01 08 28.8	+1.8	EDM Edmonton	75.64 333	eP		01 08 40.6	-0.1	L34A Svendsen Farm,	77.68 317	P	P	01 08 51.5	-0.9
D34A	Park Rapids	73.31 320	P	P	01 08 26.4	-0.9	D28A Regan	75.65 323	P	P	01 08 41.0	+0.1	M35A Neola	77.71 316	P	P	01 08 52.0	-0.6
E35A	Pequot Lakes	73.33 319	P	P	01 08 26.8	-0.5	C27A Saylor Ranch,	75.65 324	P	P	01 08 40.7	-0.2	H28A Mission Ridge	77.80 322	P	P	01 08 53.1	+0.1
A30A	Hoffart Farm,	73.34 323	P	P	01 08 26.8	-0.5	J36A Seneca 1,1	75.66 317	P	P	01 08 40.7	-0.3	J31A Geddes	77.81 319	P	P	01 08 52.9	-0.3
F36A	Milaca	73.41 318	P	P	01 08 27.5	-0.4	OLIL Olney	75.69 310	eP	P	01 08 41.2	0.0	F25A Bowman	77.89 324	P	P	01 08 53.1	-0.5
B31A	Greenbush Farm	73.44 322	P	P	01 08 27.4	-0.5	OLIL Olney	75.69 310	eP	P	01 08 41.2	0.0	CCM Cathedral Cave	77.90 312	eP	pmax	01 08 53.0	-0.7
SPMM	St. Pauls	73.52 317	P	P	01 08 28.0	-0.5	KS15 Wonju Array Si	75.71 52	eP	P	01 08 40.7	-0.7	OCM	comp=Z,1.9nm,0.9s				
NAYO	Nakonayok	73.53 86	P	P	01 08 29.5	+0.6	KS15 Wonju Array Si	75.71 52	eP	P	01 08 40.7	-0.7	CCM Cathedral Cave	77.90 312	eP	P	01 08 53.0	-0.7
D33A	AnnSam, Waubun	73.57 320	P	P	01 08 28.1	-0.7	KSAR Wonju Array Be	75.71 52	P	P	01 08 40.7	-0.7	CCM Cathedral Cave	77.90 312	eP	P	01 08 53.0	-0.7
B30A	Myrvik Farm, E	73.72 323	P	P	01 08 29.2	-0.4	KSAR Wonju Array Be	75.71 52	P	P	01 08 40.7	-0.7	K32A Verdigre	77.93 319	P	P	01 08 52.9	-0.9
A29A	Manning Farm,	73.75 323	P	P	01 08 29.3	-0.5	K37A Belmont	75.72 316	P	P	01 08 40.6	-0.8	L33A Hoskins	77.97 318	P	P	01 08 53.2	-0.8
MSHR	Mys Shults	73.89 46	eP	P	01 08 30.2	-0.5	E29A Napoleon	75.72 322	P	P	01 08 41.1	-0.2	I29A Vivian Onida	77.98 321	P	P	01 08 53.9	-0.2
JFWS	Jewell Farm	73.89 314	eP	pmax	01 08 30.5	-0.2	KRSR Korea Array	75.73 52	P	P	01 08 40.7	-0.7	G27A Maurine	78.02 323	P	P	01 08 53.7	-0.6
JFWS	comp=Z,6.3nm,1.5s	eP				KRSR Korea Array	75.73 52	P		01 08 40.7	-0.7	N35A Tabor	78.14 316	P	P	01 08 54.4	-0.6	
JFWS	Jewell Farm	73.89 314	eP	P	01 08 30.5	-0.2	KRSR Korea Array	75.73 52	P	pmax	01 08 40.7	-0.7	J30A Dallas	78.14 320	P	P	01 08 54.6	-0.4
F75A	Swanville	73.92 319	P	P	01 08 30.2	-0.7	KRSR Korea Array	75.73 52	P	MLR	01 08 40.7	-0.7	TIGA Triton	78.17 302	P	P	01 08 54.9	-0.4
NJ2	Nanjing	73.94 61	eP	PMZ	01 08 33.0	+1.8	G32A Webster	75.74 320	P	P	01 08 41.1	-0.3	H27A Howes	78.30 322	P	P	01 08 55.6	-0.3
NJ2						SUR Sutherland	75.78 180	eP	P	01 08 42.0	+0.3	ASAJ Asahikawa	78.33 39	eP	P	01 08 53.6	-2.3	
C31A	Landman Farms,	73.95 322	P	P	01 08 29.9	-1.0	SUR Sutherland	75.78 180	eP	P	01 08 42.0	+0.3	ASAJ Asahikawa	78.33 39	eP	P	01 08 53.6	-2.3
G36A	St. Michael	73.98 318	P	P	01 08 30.8	-0.4	SUR Sutherland	75.78 180	eP	LR	01 08 42.0	+0.3	O36A Bolckow	78.34 315	P	P	01 08 55.6	-0.5
SFIN	Scholer Farm	73.99 311	P	P	01 08 30.4	-1.0	C26A Wahner Farm, P	75.82 324	P	P	01 08 41.8	-0.1	M33A Taylor Creek F	78.38 317	P	P	01 08 55.5	-0.8
SFIN	Scholer Farm	73.99 311	eP	P	01 08 31.0	-0.3	B35A Prehn Over Nor	75.82 319	P	P	01 08 41.6	-0.3	PBMO Poplar Bluff	78.38 310	eP	P	01 08 56.3	-0.1
SFIN	Scholer Farm	73.99 311	eP	P	01 08 31.0	-0.3	H23A Knox Farm, Ray	75.92 325	P	P	01 08 42.5	0.0	PBMO Poplar Bluff	78.38 310	eP	P	01 08 56.3	-0.1
H37A	Dierke Farm, C	74.04 317	P	P	01 08 31.1	-0.5	RSO Redoubt South	75.99 357	eP	P	01 08 45.3	+2.5	I28A Midland	78.39 321	P	P	01 08 56.1	-0.3
E33A	Westby DABS, E	74.12 320	P	P	01 08 31.7	-0.3	RSO Redoubt South	75.99 357	eP	P	01 08 45.3	+2.5	LAO LASA Array	78.44 326	eP	P	01 08 56.9	+0.3
I38A	Scanlan Farm,	74.14 316	P	P	01 08 31.5	-0.7	F30A Leola	76.00 321	P	P	01 08 43.1	+0.2	LAO LASA Array	78.44 326	eP	P	01 08 58.0	+1.4
B29A	Wagman Farm,	74.15 323	P	P	01 08 31.6	-0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	LAO LASA Array	78.44 326	eP	P	01 08 58.0	+1.4
A28A	Rude Farm, Bot	74.21 324	P	P	01 08 32.1	-0.5	SSE Sheshan	76.06 60	eP	PP	01 11 32.1	-1.6	L32A Elgin	78.44 318	P	P	01 08 55.9	-0.8
KM5C	Kings Mountain	74.25 304	P	P	01 08 32.6	-0.3	SSE Sheshan	76.06 60	eP	PP	01 18 24.3	-2.2	J29A Okreek	78.47 320	P	P	01 08 57.0	+0.2
KM5C	Kings Mountain	74.25 304	eP	P	01 08 33.5	+0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	SDDR Presa de Saban	78.50 285	eP	P	01 08 59.1	+1.7
KM5C	Kings Mountain	74.25 304	eP	P	01 08 33.5	+0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	SDDR Presa de Saban	78.50 285	eP	P	01 08 59.1	+1.7
SCM	Sheep Creek Mo	74.31 354	eP	pmax	01 08 36.5	+3.6	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	N34A Lincoln	78.59 316	P	P	01 08 57.0	-0.5
SCM	comp=Z,1.09nm,1.4s	eP				SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	KDAK Kodiak Island	78.66 356	eP	P	01 09 00.9	+3.4	
SCM	Sheep Creek Mo	74.31 354	eP	P	01 08 36.5	+3.6	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	KDAK Kodiak Island	78.66 356	eP	P	01 09 00.9	+3.4
C30A	Mose, Pekin	74.34 322	P	P	01 08 33.0	-0.3	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	K30A Bassett	78.70 320	P	P	01 08 58.0	-0.1
SML	Sawmill	74.40 355	eP	pmax	01 08 35.1	+1.7	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	L31A Butterfield Fa	78.71 319	P	P	01 08 57.5	-0.7
SML	comp=Z,4.1nm,1.0s	eP				SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	O35A Humboldt	78.72 316	P	P	01 08 57.8	-0.4	
SML	Sawmill	74.40 355	eP	P	01 08 35.1	+1.7	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	EGMT Eagleton	78.73 329	P	P	01 08 58.6	+0.4
BLO	Bloomington	74.51 310	eP	pmax	01 08 33.0	-1.4	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	EGMT Eagleton	78.73 329	P	P	01 08 58.6	+0.4
BLO	Bloomington	74.51 310	eP	pmax	01 08 33.0	-1.4	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	EGMT Eagleton	78.73 329	P	P	01 08 58.6	+0.4
BLO	Bloomington	74.51 310	eP	P	01 08 33.0	-1.4	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	I27A Quinn	78.73 322	P	P	01 08 57.3	-1.0
KLU	Klutina	74.53 353	eP	P	01 08 35.6	+1.3	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	P36A Good Intent, A	78.84 315	P	P	01 08 58.3	-0.6
KLU	Klutina	74.53 353	eP	P	01 08 35.6	+1.3	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	J28A Allard Ranch,	78.87 321	P	P	01 08 59.3	+0.3
B28A	Dugan Ranch, T	74.60 324	P	P	01 08 34.9	+0.1	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	K29A Lazy Trails An	78.96 320	P	P	01 08 59.6	0.0
PMR	Palmer	74.67 355	eP	pmax	01 08 35.4	+0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	BGNE Belgrade	78.97 318	P	P	01 08 58.9	-0.7
PMR	Palmer	74.67 355	eP	P	01 08 35.4	+0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	BGNE Belgrade	78.97 318	eP	P	01 08 58.9	-0.7
PMR	Palmer	74.67 355	eP	P	01 08 35.4	+0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	BGNE Belgrade	78.97 318	eP	P	01 08 58.9	-0.7
I37A	Lemond, Waseca	74.69 317	P	P	01 08 35.0	-0.4	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	H25A Fruitdale	78.98 323	P	P	01 08 59.0	-0.6
MDND	Madcock	74.73 323	P	P	01 08 35.3	-0.3	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	Q37A Longview Farm,	79.01 314	P	P	01 08 59.7	-0.1
J38A	Wedel Dairy, R	74.74 316	P	P	01 08 34.9	-0.8	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	LRL Lakeview Retre	79.10 305	eP	P	01 09 00.7	+0.3
F33A	5 Mile Ranch,	74.74 320	P	P	01 08 35.0	-0.6	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	LRL Lakeview Retre	79.10 305	eP	P	01 09 00.7	+0.3
G34A	Benson	74.88 319	P	P	01 08 35.5	-0.9	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	I26A New Underwood	79.12 322	P	P	01 08 59.8	-0.6
H35A	Sunnyside Ranc	74.89 318	P	P	01 08 36.1	-0.4	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	O34A Beatrice	79.18 316	P	P	01 08 60.0	-0.8
SUA	Susitna One	74.89 356	eP	P	01 08 37.4	+1.0	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	OHAK Old Harbor	79.25 357	eP	P	01 09 02.3	+1.5
SUA	Susitna One	74.89 356	eP	P	01 08 37.4	+1.0	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	OHAK Old Harbor	79.25 357	eP	P	01 09 02.3	+1.5
D30A	Buchanan	74.92 322	P	P	01 08 35.9	-0.8	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	L35A Spencer Herofo	79.31 319	P	P	01 09 01.4	-0.1
BMRM	Bremner River	74.94 353	eP	P	01 08 38.1	+1.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	P30A Duane Minner,	79.33 315	P	P	01 09 00.9	-0.6
BMRM	Bremner River	74.94 353	eP	P	01 08 38.1	+1.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	J27A Elkhorn Farm,	79.35 321	P	P	01 09 01.5	-0.3
E31A	Nome	74.94 321	P	P	01 08 36.3	-0.5	SSE Sheshan	76.06 60	eP	PP	01 08 41.7	-1.7	WALA Waterton Lakes	79.36 332	eP	P	01 09 01.6	-0.1
A26A	Wade Farm, Ken	74.96 325	P	P	01 08 37.1	+0.2</												

3d 0h

Table with columns: ID, Name, Address, SNR, P, M, L, R, Date, Time, and other details. Includes entries like Sunshine Ranch, Burnside Ranch, Williams Farm, etc.

2010 NOV

Table with columns: ID, Name, Address, SNR, P, M, L, R, Date, Time, and other details. Includes entries like Quinter Lake, Lake, Poteau, Chrisman Ranch, etc.

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Table with columns: ID, Name, Address, SNR, P, M, L, R, Date, Time, and other details. Includes entries like Centrahoma, Winner Ranch, Hugo, Lossen Ranch, etc.

3d 1h

Table with columns: Station Name, SN, S, Time, Res. Includes stations like HOWZ, KNZ, DUW, RIGZ, MTW, etc.

BEO 03 01:13:43.2, 0.43:77N:20:70E, h4km, 3km, ML3.0/1
PDG 03 01:13:43.2, 0.43:77N:20:70E, h12km, MD3.0/1

CSEM 03 01:13:43.2, 0.43:77N:20:70E, h2km, ML3.0, Error
ellipso: s-maj=3.2km s-min=2.4km az=129.0

ISC 03 01:13:43.4, 1.0, 43:77N:01:20:67E, h7km, 6km,
n109, s112/160, 43C-26D, Northwestern Balkan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRUS, GRUS, IVAS, etc.

20 NOV

Table with columns: Station Name, Time, Res. Includes stations like LOT, Lotru, LOR, Lotru, etc.

MOS 03 01:16:04.9, 0.8, 55:54N: 110:44E, h6km, mb4.5/3, Error
ellipso: s-maj=10.4km s-min=6.0km az=71.0

BYKL 03 01:16:06.3, 0.2, 55:52N: 110:44E
IDC 03 01:16:07.5, 1.4, 55:68N: 110:10E, h0km, mb3.6/9,

ISC 03 01:16:05.8, 1.1, 55:58N: 110:48E, h3km, 8km,
n171, s177/113, mb3.7/9, 11C-10D, Lake Baykal region

Main station list table for 20 NOV with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMO, Kumora, KMO, etc.

Main station list table for 20 NOV with columns: Station Name, Time, Res, pmax, smax, etc. Includes stations like BOD, comp=Z,51nm,0.4s, NLYR, Nelyaty, etc.

3d 2h

2010 NOV

Table with columns: KOLS, Kolonickie sedl, 8.99 343 eP, Pn, 02 53 36.8 +0.1, etc. Lists various locations and their associated data points.

Table with columns: OKC, Ostrava-Krasne, 11.04 331 eP, Pn, 02 54 03.8 -1.0, etc. Lists various locations and their associated data points.

Table with columns: FETA, Feichten, 13.04 306 i/P, Pn, 02 54 34.7 +2.3, etc. Lists various locations and their associated data points.

3d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Novosibirsk, MK31, MBAR, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, SCHO, YAK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like HRV, CN2, PHET, etc.

COWI	Conover	76.37 320	eP	P	03 03 15.5	-0.6
COWI	Conover	76.37 320	eP	P	03 03 15.5	-0.6
ULM	Lac du Bonnet	76.46 326	P	P	03 03 17.2	+0.7
ULM	comp-Z, 11nm, 0.6s, baz=57, slow=5.4, SNR=9.2			LR	03 36 05.0	
C37A	Embarrass	76.67 322	P	P	03 03 15.9	-1.9
B35A	Bob, Littlefor	76.92 324	P	P	03 03 16.9	-2.2
C36A	Pine Crest Far	76.95 323	P	P	03 03 16.3	-3.0
PPLA	Purkeypyle	77.03 359	eP	P	03 03 19.9	+0.2
PPLA	Purkeypyle	77.03 359	eP	P	03 03 19.9	+0.2
D37A	Cotton	77.20 322	P	P	03 03 20.8	+0.1
A33A	Warroad	77.23 325	P	P	03 03 20.6	-0.3
B34A	Aerly, Baudette	77.24 324	P	P	03 03 20.6	-0.3
C35A	Jirik Farms, M	77.52 323	P	P	03 03 22.2	-0.3
D36A	Goodland	77.53 323	P	P	03 03 21.5	-1.1
A32A	Rocking H Ranc	77.73 325	P	P	03 03 23.7	+0.1
B33A	Robert and Kas	77.81 325	P	P	03 03 24.2	+0.1
PETK	Petrovavlovsk-	77.83 28	LR	LR	03 41 40.0	
AGMM	Agassiz Nation	77.92 325	P	P	03 03 24.8	+0.1
D35A	Remer	78.01 323	P	P	03 03 26.8	+1.6
E36A	McGregor	78.05 322	P	P	03 03 24.8	-0.7
B32A	Ashes, Strandq	78.14 325	P	P	03 03 26.0	+0.1
PMR	Palmer	78.28 358	eP	P	03 03 26.0	-0.4
PMR	Palmer	78.28 358	eP	P	03 03 26.0	-0.4
PMR	Palmer	78.28 358	eP	P	03 03 26.0	-0.4
C33A	Trail	78.28 324	P	P	03 03 28.9	+2.2
A30A	Hoffart Farm,	78.48 326	P	P	03 03 27.9	+0.0
D34A	Park Rapids	78.53 324	P	P	03 03 28.2	0.0
E35A	Pequot Lakes	78.56 323	P	P	03 03 28.8	+0.4
F36A	Milaca	78.66 322	P	P	03 03 29.9	+1.0
SPMN	St. Paul	78.79 321	P	P	03 03 28.8	-0.8
RC01	Rabbit Creek A	78.80 358	eP	P	03 03 28.3	-1.1
RC01	Rabbit Creek A	78.80 358	eP	P	03 03 28.3	-1.1
A29A	Manning Farm,	78.89 327	P	P	03 03 30.1	0.0
E34A	Wadena	78.94 323	P	P	03 03 30.1	-0.3
JNU	Nakatsue	79.05 56	eP	P	03 03 31.2	-0.1
JNU	Nakatsue	79.05 56	eP	P	03 03 31.2	-0.1
F35A	Swanville	79.16 322	P	P	03 03 32.0	+0.4
B29A	Wagenman Farm,	79.29 327	P	P	03 03 32.7	+0.4
A28A	Rude Farm, Bot	79.33 327	P	P	03 03 34.1	+1.5
E33A	Westby DABS, E	79.33 324	P	P	03 03 35.9	+3.4
SFIN	Scholer Farm	79.33 314	P	P	03 03 33.2	+0.5
SFIN	Scholer Farm	79.33 314	P	P	03 03 31.7	-0.9
SFIN	Scholer Farm	79.33 314	eP	P	03 03 31.7	-0.9
I38A	Scanlan Farm,	79.42 320	P	P	03 03 33.6	+0.5
KM5C	Kings Mountain	79.60 307	P	P	03 03 34.4	+0.2
KM5C	Kings Mountain	79.60 307	eP	P	03 03 35.1	+0.9
KM5C	Kings Mountain	79.60 307	eP	P	03 03 35.1	+0.9
BLO	Bloomington	79.86 313	eP	P	03 03 35.7	+0.1
BLO	Bloomington	79.86 313	eP	P	03 03 35.7	+0.1
BLO	Bloomington	79.86 313	eP	P	03 03 35.7	+0.1
F33A	5 Mile Ranch,	79.96 323	P	P	03 03 36.1	+0.1
I37A	Lemond, Waseca	79.97 320	P	P	03 03 36.1	+0.1
J38A	Wedel Dairy, R	80.02 319	P	P	03 03 36.5	+0.1
A26A	Wade Farm, Ken	80.06 328	P	P	03 03 36.9	+0.4
D30A	Buchanan	80.09 325	P	P	03 03 37.5	+0.8
E31A	Norme	80.13 325	P	P	03 03 37.3	+0.4
HDIL	Hopedale	80.39 316	P	P	03 03 37.7	-0.6
WCI	Wyandotte Cave	80.39 312	eP	P	03 03 38.4	-0.1
WCI	Wyandotte Cave	80.39 312	eP	P	03 03 38.4	-0.1
WCI	Wyandotte Cave	80.39 312	eP	P	03 03 38.4	-0.1
EDM	Edmonton	80.44 337	eP	P	03 03 36.2	-2.3
EDM	Edmonton	80.44 337	eP	P	03 03 36.2	-2.3
EDM	Edmonton	80.44 337	eP	P	03 03 36.2	-2.3
D29A	Pettibone, Tap	80.49 326	P	P	03 03 38.9	0.0
G33A	Ortonville	80.52 323	P	P	03 03 39.5	+0.4
J37A	Redenius Farm,	80.56 320	P	P	03 03 38.6	-0.7
E30A	Jud	80.63 325	P	P	03 03 42.3	+2.7
K38A	Parkersburg	80.66 319	P	P	03 03 39.5	-0.3
E29A	Napoleon	80.89 326	P	P	03 03 40.3	-0.8
G32A	Webster	80.96 324	P	P	03 03 41.4	0.0
OLIL	Olney	81.04 314	eP	P	03 03 41.2	-0.7
OLIL	Olney	81.04 314	eP	P	03 03 41.2	-0.7
H33A	Pfehn Over Nor	81.05 323	P	P	03 03 41.2	-0.8
MAJO	Matsushiro	81.18 49	eP	P	03 03 41.7	-1.0
MAJO	Matsushiro	81.18 49	eP	P	03 03 41.7	-1.0
MAJO	Matsushiro	81.18 49	eP	P	03 03 41.7	-1.0
MJAR	Matsushiro Arr	81.18 49	P	P	03 03 42.4	-0.3
MJAR	Matsushiro Arr	81.18 49	P	P	03 03 42.4	-0.3
CPCT	Cooper Cave	81.30 309	eP	P	03 03 42.2	-1.1
CPCT	Cooper Cave	81.30 309	eP	P	03 03 42.2	-1.1
E28A	Huff	81.34 326	P	P	03 03 42.2	-1.2
H32A	Carlson Farm,	81.50 323	P	P	03 03 44.3	0.0
F29A	Eureka	81.55 325	P	P	03 03 44.5	0.0

D26A	Manning	81.71 327	P	P	03 03 46.8	+1.5
ECSO	EROS Data Cent	81.71 322	P	P	03 03 47.0	+1.5
J34A	George	81.74 321	P	P	03 03 47.1	+1.6
G30A	Faulkton	81.80 324	P	P	03 03 45.8	0.0
D25A	Fairfield	81.97 328	P	P	03 03 46.7	-0.1
GOGA	Godfrey	82.07 307	eP	P	03 03 47.6	+0.2
GOGA	Godfrey	82.07 307	eP	P	03 03 47.6	+0.2
G29A	Hoven	82.09 325	P	P	03 03 46.6	-0.8
E26A	Carlson Angus	82.16 327	P	P	03 03 48.9	+1.1
M37A	Trindle Farm,	82.23 319	P	P	03 03 47.1	-1.1
SUSD	South Dakota S	82.24 324	P	P	03 03 49.7	+1.5
F27A	Lermon	82.46 326	P	P	03 03 50.1	+0.7
E25A	Miller Ranch,	82.53 328	P	P	03 03 50.0	+0.3
G28A	Parade	82.62 325	P	P	03 03 51.8	+1.6
H29A	Onida	82.66 325	P	P	03 03 51.3	+0.9
WVT	Waverly	82.74 312	eP	P	03 03 47.2	-3.7
WVT	Waverly	82.74 312	eP	P	03 03 47.1	-3.7
F26A	Lodgepole	82.75 327	P	P	03 03 49.6	-1.2
G27A	Dupree	82.81 326	P	P	03 03 51.9	+0.7
L34A	Svendsen Farm,	82.94 321	P	P	03 03 51.2	-0.7
H28A	Mission Ridge	82.98 325	P	P	03 03 52.9	+0.9
M35A	Neola	82.99 320	P	P	03 03 51.3	-0.8
G26A	Maurine	83.16 326	P	P	03 03 53.0	0.0
K32A	Verdigre	83.17 322	P	P	03 03 52.3	-0.7
I29A	Vivian Onida	83.18 324	P	P	03 03 52.8	-0.3
L33A	Hoskins	83.22 321	P	P	03 03 55.5	+2.1
CCM	Cathedral Cave	83.24 315	eP	P	03 03 53.4	-0.1
CCM	Cathedral Cave	83.24 315	eP	P	03 03 53.4	-0.1
CCM	Cathedral Cave	83.24 315	eP	P	03 03 53.4	-0.1
J30A	Dallas	83.36 323	P	P	03 03 54.0	-0.1
N35A	Taboof	83.42 320	P	P	03 03 55.6	+1.2
H27A	Howes	83.47 326	P	P	03 03 55.3	+0.7
COCO	West Island	83.50 112	P	P	03 03 56.6	+1.6
LAO	LASA Array	83.50 329	P	P	03 03 56.6	+1.8
LAO	LASA Array	83.50 329	eP	P	03 03 52.8	-1.9
LAO	LASA Array	83.50 329	eP	P	03 03 52.8	-1.9
K31A	O'Neill	83.57 323	P	P	03 03 56.3	+1.2
I28A	Midland	83.58 325	P	P	03 03 57.3	+2.1
O36A	Bolckow	83.64 319	P	P	03 03 56.5	+1.0
M33A	Taylor Creek F	83.64 321	P	P	03 03 55.9	+0.4
J29A	Okreek	83.67 324	P	P	03 03 54.8	-0.9
L32A	Elg	83.70 322	P	P	03 03 55.4	-0.4
EGMT	Eagleton	83.71 332	P	P	03 03 57.2	+1.4
EGMT	Eagleton	83.71 332	eP	P	03 03 56.1	+0.3
EGMT	Eagleton	83.71 332	eP	P	03 03 56.1	+0.3
N34A	Lincoln	83.86 320	P	P	03 03 55.9	-0.7
I27A	Quinn	83.91 325	P	P	03 03 57.6	+0.7
K30A	Basset	83.92 323	P	P	03 03 58.7	+1.7
L31A	Butterfield Fa	83.95 322	P	P	03 03 56.7	-0.4
O35A	Humboldt	84.01 319	P	P	03 03 57.1	-0.3
J28A	Allard Ranch,	84.06 324	P	P	03 03 56.9	-0.8
H25A	Fruitdale	84.13 327	P	P	03 03 56.4	-1.6
P36A	Good Intent, A	84.14 319	P	P	03 03 57.4	-0.7
K29A	Lazy Trails An	84.18 324	P	P	03 03 57.8	-0.4
BGNE	Belgrade	84.22 321	P	P	03 04 00.6	+2.1
BGNE	Belgrade	84.22 321	eP	P	03 03 58.2	-0.3
BGNE	Belgrade	84.22 321	eP	P	03 03 58.2	-0.3
I26A	New Underwood	84.29 326	P	P	03 03 59.5	+0.7
Q37A	Longview Farm,	84.32 318	P	P	03 04 01.0	+2.0
LRAL	Lakeview Retre	84.45 309	eP	P	03 03 58.8	-0.9
LRAL	Lakeview Retre	84.45 309	eP	P	03 03 58.8	-0.9
O34A	Beatrice	84.46 320	P	P	03 04 01.3	+1.6
L30A	Spencer Herefo	84.54 323	P	P	03 04 02.8	+2.7
J27A	Elkhorn Farm,	84.54 325	P	P	03 04 02.8	+2.6
P35A	Duane Minner,	84.62 319	P	P	03 04 01.5	+1.0
M31A	Lambrecht Ranc	84.67 322	P	P	03 04 02.6	+1.9
I25A	Rochford	84.67 326	P	P	03 04 02.2	+1.3
K28A	Ten Mile Ranch	84.69 324	P	P	03 04 02.9	+2.0
RSSD	Black Hills	84.72 327	eP	P	03 04 01.0	-0.2
RSSD	Black Hills	84.72 327	eP	P	03 04 01.0	-0.2
RSSD	Black Hills	84.72 327	eP	P	03 04 01.0	-0.2
Q36A	Arnold C. Orve	84.77 318	P	P	03 04 01.7	+0.5
J26A	Sides Ranch, S	84.96 325	P	P	03 04 04.5	+2.2
O33A	Hebron	84.98 320	P	P	03 04 02.7	+0.4
P34A	Walnut Farm, R	85.01 319	P	P	03 04 02.4	-0.1
Q35A	Mercer Eighty,	85.14 319	P	P	03 04 06.5	+3.4
J25A	Sunshine Ranch	85.21 326	P	P	03 04 04.3	+0.8
KSU1	Kansas State U	85.25 319	P	P	03 04 02.8	-0.9
KSU1	Kansas State U	85.25 319	eP	P	03 04 02.8	-0.9
R36A	Gordon, Harris	85.28 318	P	P	03 04 05.4	+1.6
BLMT	Blacktail Moun	85.30 335	eP	P	03 04 03.9	-0.1
BLMT	Blacktail Moun	85.30 335	eP	P	03 04 03.9	-0.1
YBMT	Yellow Bay	85.31 334	eP	P	03 04 04.9	+0.9
YBMT	Yellow Bay	85.31 334	eP	P	03 04 04.9	+0.9

S37A	Fort Scott	85.36 317	P	P	03 04 04.7	+0.5
JTMT	Jette	85.50 335	eP	P	03 04 05.7	+0.8
JTMT	Jette	85.50 335	eP	P	03 04 05.7	+0.8
P33A	Williams Farm,	85.53 320	P	P	03 04 07.2	+2.2
Q34A	Chapman	85.55 319	P	P	03 04 09.2	+4.0
HRY	Holter Researc	85.56 333	eP	P	03 04 03.8	-1.5
HRY	Holter Researc	85.56 333	eP	P	03 04 03.8	-1.5
GCMT	Greycliff	85.56 331	eP	P	03 04 05.7	+0.4
GCMT	Greycliff	85.56 331	eP	P	03 04 05.7	+0.4
BSMT	Bassoo Peak	85.57 335	eP	P	03 04 05.6	+0.2
BSMT	Bassoo Peak	85.57 335	eP	P	03 04 05.5	+0.2
SWMT	Swartz Lake	85.61 334	eP	P	03 04 06.1	+0.6
SWMT	Swartz Lake	85.61 334	eP	P		

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Table with columns: 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

Table with columns: 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

Table with columns: Code, Station 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

MBWA	38nm,0.8s	eS	S	03 10 12.4	-12
KHLT	Khaolaem Dam	21.75 346	P	03 06 37.5	-1.1
UTHA	48nm,0.7s Uthairani	22.30 348	P	03 06 43.4	-1.1
DGPR	DIGLIPUR	22.37 331	eP	03 06 41.8	-3.5
PBKT	Sadao Pong	23.04 353	P	03 06 51.5	-0.7
UMPA	50m,0.7s,2um Umpang Tak	23.05 347	P	03 06 55.8	+3.4
LOEI	Loei	23.93 354	P	03 06 59.6	-1.2
FITZ	18nm,0.7s Fitroy Crossi	24.08 121	P	03 07 03.1	+1.0
FITZ	20nm,0.3s,baz=310,slow=9.8,SNR=4.7	S	S	03 11 21.6	+5.1
FITZ	6.4nm,0.8s,baz=32,slow=17,SNR=2.3	LR	LR	03 17 32.7	
FITZ	comp=Z,639nm,20.3s,baz=302,slow=39	LR	LR		
LBMI	Labuha	24.13 77	P	03 07 02.2	-0.5
TNTI	Ternate	24.38 74	P	03 07 04.6	-0.4
MEEK	Meeekatharra	24.45 147	P	03 07 04.5	-0.9
CM01	Chiang Mai Arr	25.18 349	eP	03 07 10.4	-1.8
CMAR	Chiang Mai Arr	25.22 349	eP	03 07 10.5	-2.0
CMAR	25nm,0.7s,baz=182,slow=9.3,SNR=69	pP	pP	03 07 24.2	-0.8
CMAR	12nm,0.6s,baz=184,slow=8.7,SNR=4.9	PcP	PcP	03 10 46.6	+1.3
CMAR	3.8nm,0.7s,baz=212,slow=2.2,SNR=5.6	PcP	PcP	03 11 00.5	
CMAR	2.6nm,0.5s,baz=215,slow=2.9,SNR=5.7	ScP	ScP	03 14 23.2	+2.5
CMAR	2.3nm,0.9s,baz=204,slow=4.0,SNR=6.4	LR	LR	03 18 34.5	
CMAR	comp=Z,710nm,18.2s,baz=160,slow=40	P	P	03 07 10.8	-1.7
CMAR	Chiang Mai Arr	25.22 349	eP		
DAV	comp=Z,34nm,0.7s	25.35 58	P	03 07 15.4	+1.7
DAV	Daavo City (W)	25.37 58	P	03 07 15.4	+1.7
DAV	comp=Z,165nm,0.4s,baz=270,slow=8.1,SNR=5.1	LR	LR	03 18 35.3	
CHTO	comp=Z,454nm,20.6s,baz=222,slow=40	25.57 349	P	03 07 14.4	-1.2
CHTO	Chiang Mai	25.57 349	eP	03 07 14.0	-1.6
CHTO	comp=Z,236nm,0.8s	pmax	pmax		
CHTO	comp=Z,36nm,0.8s	25.57 349	eP	03 07 14.0	-1.6
QIZ	Qiongzong	25.93 13	P	03 07 20.2	+1.2
QIZ	Chiang Mai	25.97 349	eP	03 07 31.6	+0.1
QIZ	comp=Z,110nm,0.8s	sP	sP	03 07 37.0	-0.2
QIZ	comp=Z,2um,17.6s	sS	sS	03 12 08.4	+1.2
QIZ	comp=Z,2um,17.6s	LN	LN		
KNRA	comp=Z,2um,16.1s	LZ	LZ		
KNRA	Kunururra	25.95 113	P	03 07 18.6	-0.5
PALK	Pallekele	26.94 300	P	03 07 30.8	+2.6
MTN	comp=Z,5.8nm,0.7s,baz=116,slow=4.7,SNR=3.6	27.47 105	P	03 07 33.5	+0.6
MTN	Manton Dam	27.47 105	eP	03 07 32.6	-0.3
MTN	comp=Z,79nm,0.4s	27.58 360	eP	03 07 32.4	-1.4
SLVN	Son La	27.58 360	eP	03 07 33.2	-2.1
SIJI	comp=Z,24nm,0.7s,baz=292,slow=8.5,SNR=11.1	LR	LR	03 20 58.1	
SIJI	comp=Z,287nm,19.9s,baz=257,slow=42	LR	LR		
FAKI	Fak Fak	28.35 84	eP	03 07 38.6	-2.2
KDU	Kakadu	28.73 105	P	03 07 43.1	-1.0
WRKA	comp=Z,29,SNR=5.5	29.72 131	P	03 07 52.5	-0.4
WRKA	Warakurna	29.72 131	P	03 07 52.5	-0.4
H01W3	comp=Z,30,SNR=4.7	29.82 163	T	03 38 54.1	
H01W2	Cape Leeuwin H	29.82 163	T	03 38 54.1	
H01W1	comp=Z,341,slow=76,SNR=106	29.84 163	T	03 38 54.7	
KMBL	Kambalda	29.93 148	P	03 07 54.6	0.0
MDRS	Chennai	30.53 309	eP	03 08 00.2	+0.2
TRD	Trivandrum	30.78 298	eP	03 08 02.2	-0.1
TRD	comp=Z,38nm,0.4s	AMB	AMB	03 08 13.9	
H08S2	Diego Garcia H	31.30 266	T	03 40 45.7	
H08S3	comp=Z,90,slow=75,SNR=54	31.31 266	T	03 40 39.4	
H08S1	Diego Garcia H	31.32 266	T	03 40 43.0	
KMI	Kunming	31.38 358	P	03 08 08.7	+1.0
KMI	comp=Z,2um,15.6s	pP	pP	03 08 22.9	+2.6
KMI	comp=Z,260nm,20.0s	LN	LN	03 13 14.1	+2.1
KMI	comp=Z,2um,15.6s	LE	LE		
KMI	comp=Z,260nm,20.0s	LZ	LZ		
WRA	comp=Z,2um,16.6s	32.36 117	P	03 08 16.1	-0.2
WRA	Warramunga Arr	32.36 117	P	03 11 03.8	+0.5
WRA	comp=Z,50nm,0.8s,baz=288,slow=9.9,SNR=200	PcP	PcP	03 11 16.3	
WRA	comp=Z,7.6nm,0.7s,baz=298,slow=2.4,SNR=6.9	pP	pP	03 22 37.0	
WRA	comp=Z,5.8nm,0.8s,baz=297,slow=2.1,SNR=5.0	LR	LR	03 08 16.5	+0.3
WRAB	comp=Z,513nm,21.1s,baz=290,slow=38	32.37 117	eP	03 08 16.6	+0.3
WRAB	Tennant Creek	32.37 117	P	03 08 16.6	+0.3
WRAB	comp=Z,76nm,0.8s	32.37 117	P	03 08 16.5	+0.3
WRAB	comp=Z,827nm,0.7s	32.37 117	P	03 08 16.5	+0.3
WRAB	Tennant Creek	32.37 117	eP	03 08 16.5	+0.3
GYA	Guiyang	32.78 4	P	03 08 23.0	+3.1
GYA	comp=Z,2um,16.6s	pP	pP	03 08 35.4	+2.9
GYA	comp=Z,50nm,0.8s,baz=288,slow=9.9,SNR=200	pP	pP	03 09 33.2	-1.6
GYA	comp=Z,40nm,1.0s	sS	sS	03 13 36.0	+2.3
GYA	comp=Z,170nm,5.1s	PMZ	PMZ	03 13 58.9	+3.9
GYA	comp=Z,41nm,1.0s	LN	LN		
GYA	comp=Z,860nm,17.8s	LE	LE		
GYA	comp=Z,710nm,18.0s	LZ	LZ		
ASAR	comp=Z,840nm,17.6s	33.45 124	P	03 08 25.6	-0.1
ASAR	Alice Springs	33.45 124	P	03 11 07.2	+0.9
ASAR	comp=Z,290nm,0.9s,baz=299,slow=7.9,SNR=141	PcP	PcP	03 11 19.4	
ASAR	comp=Z,7.5nm,0.7s,baz=298,slow=2.1,SNR=8.4	pP	pP	03 23 06.6	
ASAR	comp=Z,9.6nm,0.9s,baz=308,slow=2,SNR=7.8	LR	LR	03 08 25.1	-0.9
AS01	comp=Z,734nm,20.2s,baz=299,slow=38	33.49 124	eP	03 08 25.4	+0.4
TWG	Pinalang	33.52 29	eP	03 08 28.1	+0.2
TPUB	comp=Z,174nm,0.6s	33.71 28	eP	03 08 28.1	+0.2
SHL	Shillong	33.91 340	eP	03 08 28.1	-1.6
YULB	Yu-li	34.11 29	eP	03 08 31.4	0.0
HYB	Hyderabad	34.55 314	iP	03 08 35.0	-0.3
BOK	Bokaro	34.86 330	eP	03 08 38.4	+0.6
BOK	comp=Z,116nm,0.0s	AMB	AMB	03 08 39.6	
NACB	Ninganchiao	34.91 29	eP	03 08 37.8	-0.4
YHNB	Yeheng	35.23 28	eP	03 08 40.9	-0.2
NGP	Nagpur	36.76 319	eP	03 08 54.4	+0.3
ODAN	comp=Z,97nm,0.5s	36.80 335	eP	03 08 54.1	-0.5
ODAN	comp=Z,180nm,0.7s				

GOA	Goa	36.99 306	eP	P	03 08 57.3	+1.2
TAPN	Taplejung	37.09 336	eP	P	03 08 57.1	-0.1
CD2	Chengdu	37.12 360	P	P	03 08 55.8	-1.3
CD2	comp=Z,211nm,0.8s	pP	pP	03 09 11.2	+1.3	
CD2	comp=Z,211nm,0.8s	pP	pP	03 09 29.3	+6.0	
CD2	comp=Z,211nm,0.8s	S	S	03 14 42.3	+2.1	
CD2	comp=Z,211nm,0.8s	sS	sS	03 15 03.7	+2.0	
CD2	comp=Z,211nm,0.8s	ScS	ScS	03 19 03.1	-4.6	
CD2	comp=Z,50nm,0.6s	PMZ	PMZ			
CD2	comp=Z,120nm,8.2s	LN	LN			
CD2	comp=Z,810nm,14.2s	LE	LE			
CD2	comp=Z,1um,17.8s	LZ	LZ			
CD2	comp=Z,850nm,15.5s	37.22 334	eP	P	03 08 58.3	+0.1
RAMN	Ramite	37.22 334	eP	P	03 08 58.3	+0.1
QIS	Mount Isa	37.24 116	P	P	03 08 58.5	+0.2
LSA	Lhasa	37.98 342	eP	pmax	03 09 04.4	-0.5
LSA	comp=Z,27nm,0.8s	37.98 342	eP	P	03 09 04.4	-0.5
LSA	comp=Z,27nm,0.8s	37.98 342	eP	P	03 09 04.4	-0.5
WHN	Wuhan	38.07 15	iP	S	03 09 05.8	+0.8
WHN	comp=Z,96nm,0.8s	PMZ	PMZ	03 15 00.2	+5.8	
WHN	comp=Z,3um,16.6s	LN	LN			
WHN	comp=Z,3um,16.6s	LE	LE			
WHN	comp=Z,770nm,11.9s	LZ	LZ			
PKI	Pulchok	38.28 333	eP	P	03 09 06.9	-0.4
PKIN	Pulchok	38.29 333	eP	P	03 09 07.2	-0.1
GUN	Gumbi	38.36 334	eP	P	03 09 08.0	0.0
DMN	Daman	38.45 332	eP	P	03 09 08.3	-0.4
KKN	Kakan	38.53 333	eP	P	03 09 09.0	-0.2
POO	Poono	38.72 310	eP	P	03 09 09.6	-1.2
POO	comp=Z,40nm,0.5s	AMB	AMB	03 09 12.5		
GOEN	Gorkha	39.00 332	eP	P	03 09 13.1	-0.1
COEN	comp=Z,150nm,0.7s	39.22 104	P	P	03 09 14.5	-0.5
COEN	comp=Z,39,SNR=28	39.22 104	eP	P	03 09 14.4	-0.7
COEN	comp=Z,34nm,0.6s	39.30 319	eP	P	03 09 14.7	-0.8
BHPL	Bhopal	39.30 319	eP	AMB	03 09 30.5	
BHPL	comp=Z,83nm,0.8s	39.30 331	eP	P	03 09 15.9	+0.2
KOLN	Koldanda	39.30 331	eP	P	03 09 19.2	0.0
DANN	Dangsing	39.71 331	eP	P	03 09 19.2	0.0
BBOO	Buckleboo	39.71 136	eP	P	03 09 17.9	-1.0
XAN	Xi'an	40.51 6	P	pP	03 09 23.9	-1.5
XAN	comp=Z,19nm,1.2s	40.51 6	P	pP	03 09 35.7	-2.6
XAN	comp=Z,201nm,0.8s	40.51 6	P	pP	03 11 00.7	+1.2
XAN	comp=Z,201nm,0.8s	40.51 6	P	ScS	03 15 26.8	-4.3
XAN	comp=Z,61nm,0.8s	40.51 6	P	ScS	03 19 24.2	-3.1
XAN	comp=Z,580nm,20.0s	LN	LN			
XAN	comp=Z,640nm,18.5s	LE	LE			
XAN	comp=Z,840nm,17.8s	LZ	LZ			
NJ2	Nanjing	40.79 19	eP	PMZ	03 09 28.3	+0.6
MTSU	Mount Surprise	40.79 110	eP	P	03 09 30.0	+0.5
LZH	Lanzhou	42.28 360	P	P	03 09 39.8	-0.3
LZH	comp=Z,41,SNR=41	42.28 360	P	pP	03 09 52.1	+0.1
LZH	comp=Z,2um,15.6s	42.28 360	P	pP	03 09 59.1	+0.4
LZH	comp=Z,2um,15.6s	42.28 360	P	pP	03 11 24.0	+5.1
LZH	comp=Z,2um,15.6s	42.28 360	P	pP	03 15 58.3	+0.7
LZH	comp=Z,2um,15.6s	42.28 360	P	ScS	03 16 20.0	+0.6
LZH	comp=Z,49nm,1.0s	PMZ	PMZ			
LZH	comp=Z,250nm,4.8s	PMZ	PMZ			
LZH	comp=Z,1um,13.0s	LN	LN			
LZH	comp=Z,660nm,13.5s	LE	LE			
LZH	comp=Z,1um,15.2s	LZ	LZ			
PMG	Port Moresby	42.82 97	iP	S	03 09 44.1	-0.5
PMG	Port Moresby	42.82 97	P	P	03 09 44.8	+0.2
PMG	comp=Z,43,SNR=16	42.82 97	eP	P	03 09 44.7	0.0
PMG	comp=Z,201nm,0.8s	42.82 97	eP	P	03 09 47.9	+0.5
CTAO	Charters Tower	43.16 113	eP	pmax	03 09 47.9	+0.5
CTAO	comp=Z,31nm,0.9s	43.16 113	eP	P	03 09 47.9	+0.5
CTAO	comp=Z,31nm,0.9s	43.16 113	eP	P	03 09	

KRLC				e	03 15 15.2
KRLC	Kraliky	93.10 320	eP	P	03 15 00.6 +0.8
KRLC			eP	P	03 15 15.2 +1.1
DPC	Dobruska-Polom	93.42 320	eP	P	03 15 02.5 +1.2
DPC	Dobruska-Polom	93.42 320	eP	P	03 15 02.5 +1.2
ARSA	Arzberg	93.64 317	iP	P	03 15 02.9 +0.1
	comp=Z,9nm,1.1s				
PVCC	Panska Ves	93.05 320	eP	P	03 15 07.1 +0.7
PVCC			e	P	03 15 21.4
PVCC	Panska Ves	94.55 320	eP	P	03 15 07.1 +0.7
PVCC			eP	P	03 15 21.4 +0.7
BRG	Berggiesshubel	94.97 321	eP	P	03 15 08.7 +0.4
	comp=Z,5.9nm,0.9s				
BRG			e		03 15 23.0
BRG	comp=Z,12nm,1.4s				03 19 11.0
BRG	comp=Z,27nm,1.8s				03 15 11.0 +0.4
BRG	Berggiesshubel	94.97 321	eP	P	03 15 23.0
BRG			e	P	03 15 23.0
	comp=Z,6.0nm,0.9s		pmax	pmax	
GERES	GERESS Array B	94.99 318	P	P	03 15 08.1 -0.5
	comp=Z,2.1nm,0.8s,baz=97,slow=5.4,SNR=9.8				
GERES			eP	P	03 15 19.9 -2.9
CLL	Collm	95.59 321	iP	P	03 15 11.5 +0.4
	comp=Z,6.0nm,1.2s		pmax	pmax	
CLL	Collm	95.59 321	iP	P	03 15 11.5 +0.4
	comp=Z,6.0nm,1.2s				
NB2	NORSAR Subarra	96.93 331	P	P	03 15 16.9 -0.2
NOA	NORSAR Array B	96.93 331	P	P	03 15 16.8 -0.2
	comp=Z,2.7nm,0.8s,baz=93,slow=4.6,SNR=5.6				
NOA			eP	P	03 19 11.8 -1.1
	comp=Z,1.6nm,0.7s,baz=97,slow=7.2,SNR=4.1				
NOA			LR	LR	04 05 15.8
TORD	Torodi Ar Bea	103.39 292	P	P	03 15 46.8 -0.1
	comp=Z,0.3nm,0.9s,baz=86,slow=5.6,SNR=2.9				
TORD			PKIKP	PKIKP	03 20 04.7 -1.3
PPT2	Papeete 2	103.56 110	eLR	LR	03 49 55.1
	comp=Z,134nm,22.2s				
ILAR	Eielson Array	103.87 25	P	P	03 15 48.7 +0.8
	comp=Z,0.2nm,0.6s,baz=299,slow=4.4,SNR=4.9				
ILAR			eP	P	03 19 55.5 -1.0
YKA	Yellowknife Ar	117.32 19	PKP	PKP	03 20 30.4 -0.5
	comp=Z,1.7nm,0.7s,baz=346,slow=1.9,SNR=7.3				
YKA			eP	PKP	03 20 44.0 -1.6
B05A	Bryant	122.89 35	P	PKP	03 20 42.0 0.0
	comp=Z,2.5nm,0.8s,baz=334,slow=2.4,SNR=6.7				
EDM	Edmonton	124.31 26	ePKIKP	PKP	03 20 45.0 +0.3
EDM	Edmonton	124.31 26	ePKP	PKP	03 20 45.0 +0.3
I03D	Drain, OR	124.39 40	P	PKP	03 20 46.0 +1.1
I04A	Tendick Farm,	124.94 40	P	PKP	03 20 46.8 +0.7
I05D	Terrebonne, OR	125.35 39	P	PKP	03 20 47.6 +0.7
J04D	Umpqua Nationa	125.40 40	P	PKP	03 20 47.8 +0.6
NEW	Newport	125.65 33	P	PKP	03 20 48.0 +0.6
M02C	Callahan	125.76 43	P	PKP	03 20 49.0 +1.1
K04D	Chiloquin, OR	125.92 41	P	PKP	03 20 49.3 +1.2
J05D	Fort Rock, OR	125.94 30	P	PKP	03 20 49.3 +1.1
N02D	Trinity Center	126.05 43	P	PKP	03 20 49.4 +1.1
M04C	Macdoel	126.26 42	P	PKP	03 20 49.7 +0.8
O03D	Paynes Creek	126.97 43	P	PKP	03 20 51.0 +0.9
BSMT	Bassoo Peak	127.14 32	ePKP	PKP	03 20 50.9 +0.5
SLMT	Seelye Lake	128.21 32	ePKP	PKP	03 20 51.1 +1.3
MSO	Missoula	128.23 33	P	PKP	03 20 53.2 +0.8
CHMT	Chamberlain Mo	128.54 32	ePKP	PKP	03 20 53.7 +0.6
HRY	Holler Research	129.42 31	ePKP	PKP	03 20 54.8 +0.1
EGMT	Eggleton	129.56 29	P	PKP	03 20 55.7 +0.8
DLMT	Dillon	129.88 33	ePKP	PKP	03 20 56.5 +0.8
HLID	Hailey	129.96 36	P	PKP	03 20 56.6 +0.7
MCMT	McKenzie Canyo	130.08 34	ePKP	PKP	03 20 56.6 +0.4
BOZ	Bozeman (W)	130.22 32	P	PKP	03 20 57.1 +0.8
NVAR	Minna Array Bea	130.24 44	PKP	PKP	03 20 58.0 +1.4
	comp=Z,2.0nm,0.6s,baz=310,slow=2.6,SNR=16.6				
NVAR			ePKP	PKP	03 21 10.6 -0.8
	comp=Z,1.6nm,0.7s,baz=292,slow=2.3,SNR=6.3				
NVAR			eP	P	03 23 07.0 -2.9
	comp=Z,1.0nm,0.9s,baz=280,slow=5.2,SNR=3.8				
NVAR			SKPbc	SKPbc	03 24 17.6 +1.7
QLMT	Earthquake Lak	130.86 33	ePKP	PKP	03 20 59.0 +1.4
VES	Vestal, Richgr	130.87 47	P	PKP	03 20 58.7 +1.1
YMR	Madison River	131.22 33	ePKP	PKP	03 21 09.7 +1.3
ISA	Isabella	131.40 47	P	PKP	03 21 00.3 +1.6
GRAC	Grapevine Rang	131.57 45	P	PKP	03 21 00.8 +1.8
H17A	Grant Village	131.60 33	P	PKP	03 21 00.7 +1.6
MPMC	Manual Prospec	131.93 46	P	PKP	03 21 01.0 +1.1
LRMC	Laurel Mountai	132.05 47	P	PKP	03 21 01.8 +1.8
EDW2	Edwards Air Fo	132.10 48	P	PKP	03 21 01.8 +1.7
REDW	Red Top Meadow	132.12 34	ePKP	PKP	03 21 01.0 +1.0
R11A	Troy Canyon, C	132.13 43	P	PKP	03 21 01.6 +1.4
ANMO	Furnace Creek,	132.18 45	P	PKP	03 21 01.6 +1.6
LAO	LASA Array	132.19 28	P	PKP	03 21 01.6 +1.7
A26A	Wade Farm, Ken	132.27 23	P	PKP	03 21 01.6 +1.7
TPNV	Topopah Spring	132.38 44	P	PKP	03 21 01.9 +1.3
GSC	Goldstone	132.77 47	P	PKP	03 21 02.7 +1.3
HWUT	Hardware Ranch	132.82 36	ePKP	PKP	03 21 01.7 +0.3
SHOC	Shoshone	132.87 46	P	PKP	03 21 03.3 +1.9
DUG	Dugway	132.91 39	P	PKP	03 21 03.1 +1.6
D25A	Fairfield	133.14 25	P	PKP	03 21 03.6 +2.0
ULM	Lac du Bonnet	133.25 17	PKP	PKP	03 21 01.8 +0.2
	comp=Z,8.7nm,0.8s,baz=325,slow=3.2,SNR=11				
ULM			ePKP	PKP	03 21 15.2 -1.2
	comp=Z,9.3nm,0.8s,baz=331,slow=4.4,SNR=6.6				
ULM			SKPbc	SKPbc	03 24 27.2 -0.6
E25A	Miller Ranch,	133.61 26	P	PKP	03 21 03.6 +1.0
GMRC	Granite Mounta	133.85 47	P	PKP	03 21 04.8 +1.4
BELC	Belle Mtn. Jos	133.97 48	P	PKP	03 21 05.0 +1.3
F25A	Bowman	134.03 27	P	PKP	03 21 04.3 +0.9
E26A	Carlson Angus	134.04 25	P	PKP	03 21 04.6 +1.3
MDND	Maddock	134.06 22	P	PKP	03 21 04.7 +1.4
A32A	Rocking H Ranc	134.23 19	P	PKP	03 21 04.3 +0.7
MSU	Marysville	134.28 40	ePKIKP	PKP	03 21 05.8 +1.5
MSU	Marysville	134.28 40	ePKP	PKP	03 21 05.8 +1.5
F26A	Lodgepole	134.44 26	P	PKP	03 21 04.3 +0.2
E27A	Carson	134.45 25	P	PKP	03 21 05.4 +1.3
IBP	Imperial Bould	134.50 50	P	PKP	03 21 06.2 +1.6
IRM	Iron Mountain	134.51 47	P	PKP	03 21 06.2 +1.6
BC3	Big Chuckawall	134.53 48	P	PKP	03 21 06.5 +1.8

A33A	Warroad	134.56 18	P	PKP	03 21 04.6 +0.4
B32A	Hush, Strandq	134.67 19	P	PKP	03 21 04.5 +0.1
E28A	Auff	134.69 24	P	PKP	03 21 04.9 +0.4
F27A	Lemmon	134.70 26	P	PKP	03 21 05.1 +0.5
C31A	Landman Farms,	134.79 21	P	PKP	03 21 05.5 +0.8
G26A	Maurine	134.90 27	P	PKP	03 21 05.4 +0.4
K22A	Casper	134.95 32	P	PKP	03 21 05.7 +0.3
K22A	Casper	134.95 32	ePKP	PKP	03 21 05.6 +0.3
D30A	Buchanan	135.00 22	P	PKP	03 21 06.3 +1.2
G27A	Dupree	135.13 26	P	PKP	03 21 05.3 -0.2
RSSD	Black Hills	135.13 29	ePKIKP	PKP	03 21 05.8 +0.1
RSSD	Black Hills	135.13 29	ePKP	PKP	03 21 05.8 +0.1
B34A	Aery, Baudette	135.18 18	P	PKP	03 21 05.4 +0.1
I25A	Rochford	135.35 29	P	PKP	03 21 06.0 0.0
H27A	Hoves	135.65 27	P	PKP	03 21 07.5 +1.1
O20A	White River Ci	135.70 36	P	PKP	03 21 07.6 +0.7
E31A	Nome	135.78 22	P	PKP	03 21 07.4 +0.9
J25A	Sunshine Ranch	135.79 29	P	PKP	03 21 08.5 +1.7
G28A	Parade	135.81 25	P	PKP	03 21 07.4 +0.7
H28A	Mission Ridge	136.08 26	P	PKP	03 21 05.7 -1.5
C35A	Jirik Farms, M	136.09 18	P	PKP	03 21 06.2 -0.8
I27A	White River Ci	136.10 27	P	PKP	03 21 07.8 +0.5
J26A	Sides Ranch, S	136.20 29	P	PKP	03 21 08.1 +0.6
C36A	Pin Crest Far	136.37 16	P	PKP	03 21 07.8 +0.2
N23A	Red Feather L	136.49 33	P	PKP	03 21 09.5 +1.1
WU4Z	Wupatki	136.49 43	P	PKP	03 21 09.4 +1.2
E33A	Westby DABS, E	136.50 20	P	PKP	03 21 08.4 +0.5
I28A	Midland	136.55 27	P	PKP	03 21 08.3 +0.2
EYMN	Ely	136.56 15	P	PKP	03 21 09.3 +1.4
C37A	Embarass	136.57 16	P	PKP	03 21 08.8 +0.8
D35A	Bernier	136.62 18	P	PKP	03 21 08.7 +0.6
J28A	Allard Ranch,	136.67 27	P	PKP	03 21 09.4 +0.5
F33A	5 Mile Ranch,	136.97 21	P	PKP	03 21 09.7 +0.9
E35A	Pequot Lakes	136.98 19	P	PKP	03 21 09.4 +0.7
D37A	Colton	137.03 16	P	PKP	03 21 10.2 +1.4
E36A	McGregor	137.37 18	P	PKP	03 21 10.7 +1.2
MVCO	Mesa Verde	137.39 39	P	PKP	03 21 11.1 +1.0
ISCO	Idaho Springs	137.42 34	P	PKP	03 21 12.0 +1.8
F35A	Swanville	137.54 19	P	PKP	03 21 11.3 +1.5
H30A	Frehn Over Nor	137.80 22	P	PKP	03 21 12.2 +1.8
J30A	Dallas	137.82 26	P	PKP	03 21 11.3 +0.9
F36A	Milaca	137.87 18	P	PKP	03 21 12.3 +1.9
S22A	4UR Ranch, Cre	138.09 37	P	PKP	03 21 12.4 +0.9
J31A	Geddes	138.17 25	P	PKP	03 21 13.0 +1.9
K30A	Basset	138.29 26	P	PKP	03 21 12.2 +0.8
ECSD	EROS Data Cent	138.66 23	P	PKP	03 21 12.4 +0.5
ECSD	EROS Data Cent	138.66 23	ePKP	PKP	03 21 12.2 +0.3
K31A	O'Neill	138.71 26	P	PKP	03 21 12.7 +0.6
L30A	Spencer Herefo	138.82 27	P	PKP	03 21 13.8 +1.4
SDCO	Great Sand Dun	138.88 36	P	PKP	03 21 13.7 +0.8
N28A	Pribbeno Ranch	138.94 30	P	PKP	03 21 13.8 +1.1
K32A	Verdigre	139.01 25	P	PKP	03 21 13.3 +0.6
I37A	Lemond, Waseca	139.16 19	P	PKP	03 21 14.4 +0.8
M31A	Leicht Ranc	139.64 27	P	PKP	03 21 15.3 +1.5
J36A	Seneca 1, Swea	139.84 21	P	PKP	03 21 15.7 +1.6
I38A	Scanlon Farm,	139.88 18	P	PKP	03 21 15.5 +1.4
T25A	Trinidad	139.93 36	P	PKP	03 21 16.0 +1.2
BGNE	Belgrade	139.96 26	P	PKP	03 21 16.0 +1.6
BGNE	Belgrade	139.96 26	ePKP	PKP	03 21 14.4 0.0
Q30A	Sharon Springs	140.00 32	P	PKP	03 21 15.1 +0.4
R27A	Eaco	140.05 34	P	PKP	03 21 15.8 +1.0
ANMO	Albuquerque	140.09 40	iPKIKP	PKP	03 21 17.0 +1.9
ANMO			pmax	pmax	
S26A	Kim	140.14 35	P	PKP	03 21 16.1 +1.0
T26A	Comanche Natio	140.38 35	P	PKP	03 21 16.4 +0.9
R30A	Dighton	141.39 31	P	PKP	03 21 10.6
Q32A	Mettler Ranch,	141.70 29	P	PKP	03 21 12.2
P33A	Williams Farm,	141.75 28	P	PKP	03 21 12.0
R31A	Burdett	141.77 31	P	PKP	03 21 11.4
Q33A	Connelly Farm,	142.04 28	P	PKP	03 21 12.5
P34A	Walnut Farm, R	142.06 27	P	PKP	03 21 12.2
R32A	Long Quarter,	142.07 30	P	PKP	03 21 13.6
S31A	Multiville	142.30 31	P	PKP	03 21 14.1
R33A	Olander Ranch,	142.51 29	P	PKP	03 21 15.1
S32A	Newby Ranch, P	142.52 31	P	PKP	03 21 15.1
CPUP	Villa Florida	142.75 208	P	PKP	03 21 16.7
R34A	Isabella, Hill	142.87 28	P	PKP	03 21 17.0
Q35A	Mercer Eighty,	142.97 26	P	PKP	03 21 15.9
X28A	Dimmitt	143.03 37	P	PKP	03 21 16.8
MSTX	Muleshoe	143.04 39	ePKP	PKP	03 21 18.4 +1.2
U31A	N				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRUZ, IVANJICA, TRUDEL, DIVIBARE, SELOVA, SJENICA, LAZIći, KUCEOVO, TEKERIS, BARJE.

CSEM 03 03:23:52.0, 0.3, 43.72N:20.71E, h10km, ML1.4, Error ellipse: s-maj=6.2km s-min=5.3km az=40.0

BEO 03 03:23:52.6, 0.3, 43.75N:20.68E, h1km, 3km, ML1.4/1,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRUZ, IVANJICA, TRUDEL, DIVIBARE, SELOVA, SJENICA, LAZIći, KUCEOVO, TEKERIS, BARJE.

ISCJB 03 03:24:19.7, 0.3, 40.46N:0.02E, 17E:0.02, h1km, 4km, Error ellipse: s-maj=3.2km s-min=2.9km az=164.1

CSEM 03 03:24:19.6, 0.1, 40.44N:26.19E, h15km, MD2.9, Error ellipse: s-maj=1.8km s-min=1.6km az=166.0

ATH 03 03:24:19.2, 40.45N:26.16E, h31km, MD3.2/12

THE 03 03:24:20.5, 40.44N:26.14E, h15km, 1km, ML2.7/7, Error ellipse: s-maj=1.1km s-min=0.5km az=26.0

DDA 03 03:24:22.2, 40.38N:26.31E, h7km, MD2.8

SOF 03 03:24:22.2, 40.60N:25.94E, h2km, MD2.5

ISC 03 03:24:19.0, 8, 40.43N:0.02E, 26.00E:0.02, h17km, 6km, n89, c038/132, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GELI, GADA, ERİK, ALN, AYVA, SMTH, BOZC, EZN, RKY, SART, LIA, KNL, MRMT, TKR, AYVA, PRK, SIGR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGR, SIGRI, BALY, EDIRNE, BALB, PHSR, RZN, DUM, OIR, CTYL, AKHS, NVR, NRR, PAIG, PAIU, CHOS, PLG, MMB, SOH, HORT, SKIA, SKIA, GRG, ROM, FAGN, PTOQR, RM33, DDA, ISK, CSEM, ISC.

ROM 03 03:29:46.2, 0.6, 42.26N:13.58E, h6km, 4km, Md1.9/3, Md1.1, Error ellipse: s-maj=7.0km s-min=2.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAGN, PTOQR, RM33, DDA, ISK, CSEM, ISC.

DDA 03 03:35:52.0, 36.94N:28.32E, h7km, Md2.6

ISK 03 03:35:51.4, 37.05N:28.41E, h5km, MD2.3

CSEM 03 03:35:52.4, 0.4, 36.93N:28.31E, h2km, MD2.6, Error ellipse: s-maj=10.4km s-min=4.8km az=30.0

ISC 03 03:35:52.1, 1.1, 36.95N:0.04E, 28.34E:0.03, h6km, 10km, n16, c063/30, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TURN, DALY, FETY, BDRM, AYDN, DNZL, AYDB, GCAM, ISCJB, CSEM, ISK, DDA, SART, ISC.

ISCJB 03 03:46:17.8, 0.7, 40.46N:0.04E, 26.28E:0.05, h11km, 5km, Error ellipse: s-maj=8.1km s-min=5.8km az=138.4

CSEM 03 03:46:17.6, 0.2, 40.43N:26.31E, h20km, MD2.3, Error ellipse: s-maj=4.9km s-min=4.2km az=162.0

ISK 03 03:46:17.3, 40.43N:26.34E, h19km, MD2.3

DDA 03 03:46:18.4, 40.40N:26.38E, h7km, MD2.0

ISC 03 03:46:18.0, 1.0, 40.44N:0.03E, 26.34E:0.03, h16km, 6km, n18, c064/28, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GELI, GADA, ERİK, ALN, AYVA, SMTH, BOZC, EZN, RKY, SART, LIA, KNL, MRMT, TKR, AYVA, PRK, SIGR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BALY, ZIIG, MMIG, ARIG, R15V, EZV, PLIG.

MEX 03 03:48:48.1, 0.4, 17.63N:102.33W, h16km, 999km, MD3.9, Near coast of Michoacan

CSEM 03 03:53:37.6, 43.74N:20.68E, h0km, ML1.4, After BEO BEO 03 03:53:37.6, 0.3, 43.74N:20.68E, h0km, 3km, ML1.4/9, 2C,

Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRUZ, IVANJICA, TRUDEL, SELOVA, DIVIBARE, SJENICA, LAZIći, KUCEOVO, TEKERIS, BARJE.

ISCJB 03 03:55:53.9, 0.5, 55.13N:0.02E, 160.22E:0.07, h8km, 4km, mb3.5/3, Error ellipse: s-maj=4.4km s-min=2.6km az=8.4

MOS 03 03:55:53.3, 0.7, 55.15N:160.15E, h10km, mb4.1/1, Error ellipse: s-maj=2.1km s-min=5.3km az=80.8

DDA 03 03:55:53.4, 1.3, 55.07N:160.30E, h0km, mb3.5/3, mb1.3/9.4, mb1mx3.4/40, mbtrmp3.5/4, ML2.3/1, Error ellipse: s-maj=43.9km s-min=22.8km az=150.0

KRSC 03 03:55:53.1, 0.5, 55.11N:160.21E, h6km, 2km, ML3.9

ISC 03 03:55:53.1, 0.5, 55.12N:0.02E, 160.15E:0.03, h3km, 8km, n54, c085/81, mb3.6/3, 1C, Camachua Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZV, KMN, BZWR, KOZ, KIR, KOPY, BZVR, KOZ, ZEL, ESO, KII, KRY, SRDR, SRED, KLY, BDR, SMKR, KBTR, KBT, GAN, GNL, KRX, SDLR, SDR, NLY, NLC, SMAR, SPN, AVH, KOK, UGL, PET, PET, PET, PETK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PETK, APC, MTRV, ASAK, H1N2, H1N3, H1N1, MKAR, NVAR, TXAR.

DJA 03 04:05:18.0,0.4,9.3,5.4*11.1E, h10km, M4,8/25, mb4.8/7, mB5.0/2, MLv4.7/18, MLv4.8/25, Mw(mB)4.3/2

ISCJB 03 04:05:19.3,0.7,9.8,5.8*11.145E,0.03, h58km, mb4.2/18, MS3.4/4, Error ellipse: s-maj=6.3km s-min=3.6km az=16.2

AUST 03 04:05:19.3,0.7,9.8,5.8*11.138E, h35km NEIC 03 04:05:21.2,0.9,8.9,4.5, 111.48E, h61km, mb4.2/6, Error ellipse: s-maj=17.2km s-min=8.8km az=203.0

IDC 03 04:05:23.2,0.8,6.3,3.5, 111.62E, h77km, mb3.9/12, mb1.4/1.4, mb1mx3.9/30, mbtmp4.3/14, MS3.4/5, Ms1.3/4.5, ms1mx3.2/29, Error ellipse: s-maj=24.5km s-min=11.6km az=28.0

ISC 03 04:05:20.8,0.4,9.1,3.5,0.06*11.145E,0.04, h58km, n73, s1561/70, mb4.1/18, MS3.2/4, South of Jawa

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMBO, GSPA, KBZ, LSZ, BOSA, BRTR, SNA, SNA, VNA2, VNA1, VNA3, AKASG, WWT, WWT.

PDG 03 04:09:09.6,0.4,4.3,7.4N,20.69E, h11km, MD3.1/1, ML3.0/13, Error ellipse: s-maj=0.5km s-min=0.8km az=0.0

CSEM 03 04:09:50.1,0.1,4.3,7.6N,20.70E, h2km, ML3.0, Error ellipse: s-maj=2.3km s-min=1.7km az=126.0

SKO 03 04:09:10.1,0.2,4.3,7.7N,20.70E, h11km BEO 03 04:09:10.1,0.2,4.3,7.5N,20.69E, h0km, ML3.0/1

ISC 03 04:09:09.6,0.1,4.3,7.5N,20.69E,0.01, h1km, n104, s0897/166, 44C-20D, Northwestern Balkan Peninsula

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULC, ULC, GZR, GZR, SIRR, SIRR, SIRR, DEV, DEV, BLY, BLY, LOT, LOT, LOT, VAY, VAY, DRGR, DRGR, VOIR, VOIR, DOPR, DOPR, DOPR, DOPR, MLR, MLR, MLR, MLR, PSZ, PSZ, BURAR, BURAR, ARSA, ARSA, ARSA, KOLS, KOLS, CFR, CFR, CFR, CFR.

ISCJB 03 04:22:26.2,0.6,13.46S,0.10,112.0W,0.2, h10km, mb4.2/14, MS4.1/9, Error ellipse: s-maj=23.5km s-min=12.5km az=161.5

IDC 03 04:22:26.7,1.7,13.44S,112.03W, h0km, mb3.8/7, mb1.4/1.7, mb1mx4.0/31, mbtmp3.8/7, MS4.1/10, Ms1.4/1.10, ms1mx4.0/19, Error ellipse: s-maj=72.0km s-min=22.0km az=56.0

NEIC 03 04:22:28.0,0.6,13.41S,111.94W, h10km, mb4.9/7, Error ellipse: s-maj=25.0km s-min=13.7km az=57.0

GCMT 03 04:22:32.0,0.4,13.40S,112.05W, h21km, MW5.0/80, Moment Tensor Solution, s23,c26, s80,c104, Duration: 0 Moment tensor: Scale 10^19Nm, Mr=1.07e-18; Mw=0.61e+16; Mw0.83e+16; Mw0.83e+16; Ms3.41e+12; Ms0.24e+25; Best double couple: Ms3.51400e+1016

NP1=99.00000, s87.00000, lambda=15.00000, NP2: 0s181.00000, s87.00000, lambda=177.00000. Principal axes: T 4.0600, Plg9.0000, Azm136.0000; N -1.0930, Plg75.0000, Azm259.0000; P -2.9670, Plg13.0000, Azm44.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 03 04:22:27.9,0.7,13.35S,112.01W,0.2, h10km, n37, s1925/24, mb4.2/14, MS4.2/9, Central East Pacific Rise

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

WEL 03 04:26:36.3,0.4,37.06S,177.38E, h158km, gkm, ML3.6/5, IC-2D, Error ellipse: s-maj=3.5km s-min=3.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, MXZ Matakaoa Point, PKGZ Pakihiroa, etc.

CSEM 03 04:51:47.5, 40:44N:32:96E, h7km, MD2.6, After DDA
DDA 03 04:51:47.5, 40:44N:32:96E, h7km, MD2.6, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELDT Eldivan, BCAM Yenicağa, ILGA Ilgaz, etc.

CSEM 03 04:52:03.9, 39:45N:21:00E, h2km, ML2.4, Error
THE 03 04:52:03.8, 39:45N:21:00E, h0km, ML2.4/B, Error
ATH 03 04:52:04.1, 39:45N:21:01E, h1km, ML3.2/29

ISC 03 04:52:04.1, 39:45N:02:21:00E, 0.02, h4km, 9km, n93, c072/132, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAN Janina, DLSL Palaion Diasel, IGT Igoumenitsa, etc.

Table with columns: KEG Kerkira, AGG Agios Georgios, FNA Florina, etc. Includes station codes and coordinates.

ISC/JB 03 04:53:11.0, 40:63N:04:27:81E, 0.05, h8km, 7km, Error ellipse: s-maj=7.2km s-min=5.8km az=17.5

DDA 03 04:53:10.9, 40:66N:27:79E, h14km, MD2.6
ISK 03 04:53:10.5, 40:60N:27:79E, h16km, MD2.4

CSEM 03 04:53:11.0, 40:62N:27:80E, h15km, MD2.4, Error ellipse: s-maj=4.5km s-min=2.9km az=175.0

ISC 03 04:53:10.9, 40:62N:04:27:80E, 0.03, h15km, 6km, n19, c0929/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRMT Marmara Adasi, EDC Edincik, SART Tekirdag, etc.

ISC/JB 03 04:57:14.7, 45:22N:01:1:9827E, 0.1, h10km, mb3.7/8, Error ellipse: s-maj=20.3km s-min=9.8km az=19.2

IDC 03 04:57:14.9, 45:16N:98:28E, h0km, mb3.8/8, mb1.3/9/13, mb1mx3.7/43, mbtms3.8/13, ML3.6/4, MS2.9/2, Ms1.2/9.2, ms1mx2.6/0.9, Error ellipse: s-maj=24.6km s-min=13.0km az=13.0

ISC 03 04:57:16.4, 45:15N:01:28:927E, 0.10, h10km, n14, c079/13, mb3.9, Mongolia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songino Array, SONM Songino, TLY Talaya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV, KURBB Kurchatov Arra, KURBB Kurchatov, etc.

ISC/JB 03 04:58:13.9, 40:17N:0:03:42:07E, 0.04, h6km, 12km, Error ellipse: s-maj=5.8km s-min=4.7km az=37.6

CSEM 03 04:58:13.3, 40:14N:42:01E, h2km, MD2.6, Error ellipse: s-maj=6.0km s-min=5.6km az=63.0

ISK 03 04:58:13.1, 40:09N:42:09E, h9km, MD2.6
DDA 03 04:58:14.2, 40:19N:42:06E, h7km, MD2.7

ISC 03 04:58:14.0, 40:19N:0:03:42:09E, 0.03, h4km, 11km, n18, c081/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOMI Horasan, ERMZ Erzurum, DDEM Demirkent, etc.

SKHL 03 05:02:21.6, 0.1, 55:51N:123:89E, h10km, 1km, mb4.1/6
YARS 03 05:02:22.1, 0.4, 55:49N:0:02:123:90E, 0.03, h10km, MSV2.8

ISC 03 05:02:21.0, 1.4, 55:51N:0:04:123:91E, 0.02, h2km, 13km, n15, c109/32, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IENR Iengra, CLNS Chul'man, YKLR Yuktai, etc.

KROS Kirovskiy, comp=N, 270m, 0.5s

KROS Kirovskiy, comp=N, 160nm, 0.5s

KROS Kirovskiy, comp=N, 3.0nm, 0.5s

KROS Kirovskiy, comp=N, 160nm, 0.5s

TUP Tupik, comp=N, 37nm, 0.2s

TUP Tupik, comp=N, 100nm, 0.5s

TUP Tupik, comp=N, 100nm, 0.5s

ZEA Zeya, comp=N, 24nm, 0.5s

ZEA Zeya, comp=N, 200nm, 1.0s

ZEA Zeya, comp=N, 210nm, 0.5s

ZEA Zeya, comp=N, 140nm, 0.5s

KHN Khani, comp=N, 77nm, 0.5s

KHN Khani, comp=N, 9.0nm, 0.2s

BMKR Bonnak, comp=N, 150nm, 0.2s

BMKR Bonnak, comp=N, 16nm, 0.4s

CRS Chara, comp=N, 167nm, 0.4s

OLMR Olekminsk, comp=N, 115nm, 0.8s

Table with columns: EKMR, EKMR, EKMR, TBGR, TBGR. Rows include station names like Kimchan, Tabaga and various parameters like frequency, polarization, and position.

CSEM 03 05:09:12.1, 43.666N-20.72E, h1km, ML1.3, After BEO BEO 03 05:09:12.1, 43.666N-20.72E, h1km, 3km, ML1.3/7, 1C, Northwestern Balkan Peninsula

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

BUIJ 03 05:11:30.4, 7.84S, 126.56E, h40km, mb4.7/38, mb5.2/27, Ms4.7/18, Ms7.4/321

ISCJB 03 05:11:30.6, 0.9, 7.53S, 0.03x126.47E, 0.03, h24km, 6km, mb4.9/48, MS4.0/15, Error ellipse: s-maj=4.8km s-min=4.1km az=154.6

MOS 03 05:11:32.2, 0.8, 7.56S, 126.35E, h36km, mb5.3/26, Error ellipse: s-maj=13.2km s-min=7.3km az=124.0

GCMT 03 05:11:33.8, 0.2, 7.33S, 126.44E, h22km, 14km, MW5.0/76, Moment Tensor Solution: s33.639, s76.6110, Duration: 0. Moment tensor: Scale 10^16Nm; Mr0.38t, 19; Mw-2.68t, 15; Mw-2.30t, 17; M-0.22t, 24; Mw-2.94t, 12; Mw-1.46t, 33; Best double couple: Mo4.13800m10^16 NP1.9202.00000, s80.00000, 19.00000. NP2: 9.108.00000, s72.00000, 19.00000. Principal axes: T 4.1930, Plg20.0000, Azm66.0000; N -0.1150, Plg69.0000, Azm230.0000; P -4.0830, Plg6.0000, Azm334.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

DJA 03 05:11:33.8, 1.3, 8.3S, 126.3, 12.7E, h39km, 15km, M5.1/21, mb5.3/21, mb5.5/14, ML5.2/16, Mw(B)5.0/14

NEIC 03 05:11:33.8, 0.7, 7.60S, 126.53E, h36km, 6km, mb4.9/18, Error ellipse: s-maj=8.1km s-min=5.6km az=219.0

IDC 03 05:11:34.2, 0.6, 7.60S, 126.31E, h37km, 3km, mb4.5/21, mb1.4/25, mb1mx4.4/39, mbtmp4.7/25, ML4.5/4, MS4.0/20, Ms1.4/20, ms1mx3.9/33, Error ellipse: s-maj=14.5km s-min=11.1km az=67.0

AUST 03 05:11:34.8, 0.2, 7.63S, 126.45E, h43km, Error ellipse: s-maj=0.7km s-min=0.6km az=246.0

ISC 03 05:11:34.4, 0.3, 7.59S, 0.04x126.45E, 0.05, h41km, 2km, h41km; p-P, n225, r153/256, mb5.0/48, MS4.1/15, 3C, Banda Sea

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations like SOEI, BATI, MMRI, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations like KKM, SBUM, WRKA, ASAR, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations like CD2, KSAR, WJUN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PUV, PVM, UP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TALC, NICH, PCHILEMU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BUTP, SCPH, MSLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DCPH, CTBH, PAGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MEX 07:25:49.8, 14:00N-92:56W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TURN, DALY, DALY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ISK 03:30:30.9, 0.5, 32:15N, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MEX 07:40:49.5, 0.3, 32:25N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ISK 03:08:21.0, 5.2, 0.6, 3:98S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JAY, GENE, GENE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like H11S3, H11S2, H11S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ISK 03:08:26.1, 0.9, 0.7, 39:95N, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ISK 03:08:34:21.6, 37:10N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ISK 03:08:39:19.9, 38:85N, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SUF, APA0, APA0, APA0, etc.

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

NSSC 03 10:17:36.1±1.4, 31.95N, 36.10E, h4km±15km, MD1.6, ML1.5, Dead Sea region

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

DDA 03 10:18:59.6, 36.32N, 37.03E, h7km, MD3.0, CSEM 03 10:18:59.6, 36.32N, 37.03E, h7km, MD3.0, After DDA

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

ISC 03 10:20:57.4, 0.6, 3.66S, 99.69E, h0km, mb4.3/2.4, mb1 4.4/2.6, mb1mx4.2/5.4, mbtmp4.3/2.6, MS3.3/6, Ms1 3.4/6, ms1mx3.0/5.2, Error ellipse: s-maj=25.0km s-min=11.5km az=49.0

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

ISC 03 10:21:02.5, 0.6, 3.60S, 99.66E, h35km, m67, 1163/56, mb4.4/2.8, MS3.1/5, Southwest of Sumatera

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KSAR, KSRS, TKM2, etc.

ISC 03 10:36:41.0±1.5, 23.55N, 121.92E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.6/6.5, mbtmp3.6/4.4, ML3.3/1, Error ellipse: s-maj=104.4km s-min=26.3km az=77.0

ISCJB 03 10:36:42.9±0.9, 23.57N, 121.92E, h14km, 7km, mb3.4/3, Error ellipse: s-maj=4.0km s-min=2.4km az=150.6

TAP 03 10:36:43.6, 23.61N, 121.99E, h14km, ML3.7, C JMA 03 10:36:43.0±0.2, 23.60N, 121.98E, h22km, 5km, M3.2

ISC 03 10:36:43.0±1.2, 23.60N, 121.98E, h14km, 7km, mb3.4/3, Error ellipse: s-maj=4.0km s-min=2.4km az=150.6

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

2010 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Taimali, Nanjuang, Jianshan, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Menard, Lake Whitney, Richard Sprin, etc.

CSEM 03 10:40:38.7, 43.76N, 20.75E, h0km, ML1.3, After BEO

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gruza, Ivanjica, Selova, etc.

ISCJB 03 10:42:46.0, 36.93N, 28.33E, h5km, MD2.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gruz, Ivanjica, Selova, etc.

ISCJB 03 10:42:48.0, 37.12N, 28.57E, h2km, MD2.5, Error

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gruz, Ivanjica, Selova, etc.

DDA 03 10:42:49.3, 37.16N, 28.63E, h7km, Md2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Dalyan, Fethiye, Cakirolok, etc.

ISCJB 03 10:42:48.0, 37.11N, 28.53E, h0km, n12, c1012Z, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Dalyan, Fethiye, Cakirolok, etc.

ISCJB 03 10:42:48.0, 37.11N, 28.53E, h0km, n12, c1012Z, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Dalyan, Fethiye, Cakirolok, etc.

T35A	baz=54	Sooner Cattle	53.91 340	P	P	10 54 42.4 +0.6
X28A	baz=54	Dimmitt	53.99 333	P	P	10 54 43.6 +1.1
U33A	baz=54	Lingo Farm, Me	54.03 338	P	P	10 54 43.6 +1.0
AMTX	baz=54	Amarillo	54.08 334	P	P	10 54 43.9 +0.7
AMTX	baz=54	Amarillo	54.08 334	eP	P	10 54 43.7 +0.6
AMTX	baz=54	Amarillo	54.08 334	eP	P	10 55 00.0 +5.1
LUPA	baz=54	Lehigh Unvers	54.08 1	eP	P	10 54 41.9 -1.0
LUPA	baz=54	Lehigh Unvers	54.08 1	eP	P	10 54 53.8 -0.8
V31A	baz=54	Spring Creek L	54.10 336	eP	P	10 54 43.8 +0.5
SSPA	baz=54	Standing Stone	54.13 358	eP	P	10 54 42.8 -0.5
SSPA	baz=54	Standing Stone	54.13 358	eP	P	10 54 53.8 -1.2
S37A	baz=54, SNR=8.3	Fort Scott	54.14 342	eP	P	10 54 43.3 -0.1
T34A	baz=54	McClaskey Farm	54.23 339	P	P	10 54 45.1 +1.0
U32A	baz=54	Winter Ranch,	54.31 337	P	P	10 54 45.4 +0.7
S36A	baz=55, SNR=5.3	Lake Cedric, C	54.35 341	P	P	10 54 44.7 -0.3
S35A	baz=55, SNR=6.0	Otter Creek Ra	54.54 340	P	P	10 54 46.6 +0.2
R37A	baz=55	Teagarden Farm	54.66 342	P	P	10 54 47.0 -0.1
T33A	baz=55	Patterson Ranc	54.66 338	P	P	10 54 47.2 0.0
V29A	baz=55	Stimmet	54.86 335	P	P	10 54 48.8 0.0
R36A	baz=55	Gordon, Harris	54.87 341	P	P	10 54 49.1 +0.3
T32A	baz=55	Huddler Ranch,	54.99 338	P	P	10 54 49.7 +0.1
V28A	baz=55	Channing	55.05 334	P	P	10 54 51.4 +1.2
121A	baz=55	Cookes Peak, D	55.05 327	P	P	10 54 51.2 +0.8
121A	baz=55	Cookes Peak, D	55.05 327	eP	P	10 54 51.4 +1.1
121A	baz=55	Cookes Peak, D	55.05 327	eP	P	10 55 02.7 +0.6
R35A	baz=55	Emporia Munic	55.09 341	eP	P	10 54 50.3 0.0
HDIL	baz=56	Hopedale	55.38 348	P	P	10 54 51.4 -0.9
R34A	baz=56	Isabella, Hill	55.41 340	P	P	10 54 52.5 -0.2
Q36A	baz=56	Arnold C. Orve	55.44 342	P	P	10 54 52.8 0.0
S32A	baz=56	Newby Ranch, P	55.46 338	P	P	10 54 53.1 +0.1
Q35A	baz=56	Mercer Eighty,	55.53 341	P	P	10 54 53.4 0.0
BINY	baz=56	Binghamton	55.67 0	eP	P	10 54 54.6 +0.2
Q34A	baz=56	Chapman	55.87 341	P	P	10 54 55.4 -0.5
U27A	baz=56	Thompson Grove	55.87 334	P	P	10 54 55.3 +0.2
LPM	baz=56	Los Pinos Moun	55.88 330	eP	P	10 54 55.5 -0.8
LPM	baz=56	Los Pinos Moun	55.88 330	eP	P	10 55 06.8 -1.2
R32A	baz=56	Long Quarter,	56.02 339	eP	P	10 54 56.6 -0.4
P35A	baz=56	Duane Minner,	56.13 342	P	P	10 54 57.5 -0.3
T28A	baz=56	Walsh	56.17 335	P	P	10 54 58.4 +0.1
R31A	baz=56	Burdett	56.19 338	P	P	10 54 58.5 +0.2
LAZ	baz=56	Ladron	56.20 329	eP	P	10 54 59.9 +1.2
S29A	baz=56	Ulysses	56.21 336	P	P	10 54 59.0 +0.5
RKT	baz=56	Rikitea	56.21 251	eLR	LR	11 11 22.0
RKT	baz=56	Rikitea	56.21 251	eT	T	11 55 16.8
Q33A	baz=56	Connelly Farm	56.23 340	P	P	10 54 59.0 +0.5
TRY	baz=56	Troy	56.26 2	eP	P	10 54 58.8 +0.2
ANMO	baz=56	Albuquerque	56.30 330	eP	P	10 54 59.8 +0.4
T27A	baz=56	Campo	56.38 335	P	P	10 54 59.8 +0.1
Q36A	baz=57	Bolkow	56.38 343	P	P	10 54 59.6 +0.1
P34A	baz=57	Walnut Farm, R	56.40 341	P	P	10 54 59.7 0.0
R30A	baz=57	Dighton	56.47 337	P	P	10 55 00.1 -0.2
Q32A	baz=57	Mettler Ranch,	56.48 339	P	P	10 55 00.2 -0.2
S28A	baz=57	Manter	56.49 336	P	P	10 55 00.4 0.0
TUC	baz=57	Tucson	56.51 325	eP	P	10 55 02.3 +1.6
TUC	baz=57	Tucson	56.51 325	eP	P	10 55 11.3 -1.2
Q31A	baz=57	Ellis	56.78 338	P	P	10 55 03.2 +0.7
T26A	baz=57	Comanche Natio	56.84 334	P	P	10 55 03.3 +0.3
ACCN	baz=57	Adirondack Com	56.91 2	eP	P	10 55 03.3 +0.1
Q34A	baz=57	Beatrice	56.94 341	P	P	10 55 04.6 +1.1
P32A	baz=57	Hulting Farm,	57.05 339	P	P	10 55 03.8 -0.5
Q30A	baz=57	Quinter	57.05 338	P	P	10 55 03.6 -0.8
Q33A	baz=57	Hebron	57.13 341	P	P	10 55 03.7 -1.1
O25A	baz=57	Trinidad	57.16 333	P	P	10 55 04.9 -0.5
T25A	baz=57	Trinidad	57.16 333	eP	P	10 55 06.5 +1.1
S26A	baz=57	Kim	57.16 334	P	P	10 55 04.5 -0.8
P31A	baz=57	Stockton	57.23 339	P	P	10 55 05.1 -0.5
N35A	baz=58, SNR=5.5	Tabor	57.25 343	P	P	10 55 05.2 -0.5
Q29A	baz=58	Oakley	57.26 337	P	P	10 55 05.2 -0.7
M37A	baz=58	Trindle Farm,	57.31 344	P	P	10 55 05.3 -0.7
R27A	baz=58	Eads	57.45 335	P	P	10 55 06.8 -0.5
N34A	baz=58	Lincoln	57.48 342	P	P	10 55 06.3 -1.0
O32A	baz=58, SNR=5.1	Brockman Farm,	57.52 340	P	P	10 55 07.1 -0.5
MDV	baz=58	Middlebury	57.54 3	eP	P	10 55 07.5 -0.2
P30A	baz=58	Selden	57.56 338	P	P	10 55 07.5 -0.6
W18A	baz=58	Petrified Fore	58.08 328	eP	P	10 55 12.0 +0.1
W18A	baz=58	Lake Ozonia	58.11 1	eP	P	10 55 23.3 -0.4
LONV	baz=58	Aspy Farms, Fr	58.11 342	P	P	10 55 11.7 0.0
M34A	baz=58, SNR=5.1	Aspy Farms, Fr	58.11 342	P	P	10 55 10.8 -1.0
SDCO	baz=58	Great Sand Dun	58.15 333	P	P	10 55 11.7 -0.7
SDCO	baz=58	Great Sand Dun	58.15 333	eP	P	10 55 12.7 +0.3
SDCO	baz=58	Great Sand Dun	58.15 333	eP	P	10 55 23.4 -0.8
M33A	baz=59	Taylor Creek F	58.36 342	eP	P	10 55 13.3 -0.2
BGNE	baz=59	Belgrade	58.51 341	P	P	10 55 14.1 -0.5
K36A	baz=59, SNR=6.9	Gilmore City	58.56 344	P	P	10 55 14.5 -0.4
L33A	baz=59	Hoskins	58.93 342	P	P	10 55 17.3 -0.1
Q24A	baz=59	Divide	59.01 334	P	P	10 55 18.5 +0.1
N28A	baz=59	Pribbeno Ranch	59.04 338	P	P	10 55 17.9 -0.4
K34A	baz=59	Le Mars	59.06 343	P	P	10 55 18.0 -0.4
MVCO	baz=59	Mesa Verde	59.10 330	P	P	10 55 19.3 +0.3
MVCO	baz=59	Mesa Verde	59.10 330	eP	P	10 55 19.4 +0.3
MVCO	baz=59	Mesa Verde	59.10 330	eP	P	10 55 30.7 -0.2

WUAZ	Wupatki	59.24 327	P	P	10 55 20.2 +0.3
WUAZ	Wupatki	59.24 327	eP	P	10 55 21.2 +1.3
WUAZ	Wupatki	59.24 327	eP	P	10 55 31.1 -0.7
L31A	Butterfield Fa	59.43 341	P	P	10 55 21.0 +0.1
OGNE	Ogallala	59.45 337	P	P	10 55 21.4 +0.3
OGNE	Ogallala	59.45 337	eP	P	10 55 22.1 +0.9
L30A	Spencer Herefo	59.51 340	eP	P	10 55 21.6 +0.1
K32A	Verdigre	59.59 342	P	P	10 55 21.8 -0.2
Y12C	Blythe	59.70 323	P	P	10 55 23.8 +0.9
K31A	O'Neill	59.80 341	P	P	10 55 23.2 -0.2
PV01	Paradox, SNR=6.8	59.87 331	eP	P	10 55 24.9 +0.6
SWSC	Sarew. Stewart	59.88 322	P	P	10 55 23.5 -0.7
J33A	Davis	59.89 343	P	P	10 55 23.2 -0.8
ISCO	Paradox Springs	59.90 334	P	P	10 55 23.8 -0.7
SMCO	Snowmass	59.98 333	eP	P	10 55 25.3 +0.1
K30A	Basset	60.13 340	P	P	10 55 24.8 -0.9
ECSO	EROS Data Cent	60.17 343	P	P	10 55 25.5 -0.5
ECSO	EROS Data Cent	60.17 343	eP	P	10 55 24.8 -1.2
BC3	Big Chuckawall	60.17 323	P	P	10 55 26.1 -0.2
J32A	Parkston	60.20 342	P	P	10 55 24.6 -1.6
IRM	Iron Mountain	60.35 323	P	P	10 55 26.9 -0.5
J31A	Geddes	60.40 341	P	P	10 55 27.3 -0.2
K29A	Lazy Trails An	60.44 340	P	P	10 55 27.7 -0.2
H35A	Sunnyside Ranc	60.59 345	P	P	10 55 27.8 -1.0
SPMN	St. Paul	60.60 347	P	P	10 55 27.9 -1.0
J30A	Dallas	60.67 341	P	P	10 55 28.7 -0.7
K28A	Ten Mile Ranch	60.76 339	P	P	10 55 30.3 +0.2
H34A	Spellman Lake,	60.80 344	P	P	10 55 29.8 -0.4
G36A	St. Michael	60.83 346	P	P	10 55 30.4 0.0
N23A	Red Feather La	60.95 335	P	P	10 55 31.4 -0.3
G35A	Watkins	60.99 345	P	P	10 55 31.0 -0.5
J29A	Okreek	61.02 340	P	P	10 55 31.1 -0.6
H33A	Prehn Over Nor	61.08 343	P	P	10 55 31.4 -0.7
GMRC	Granite Mounta	61.09 323	P	P	10 55 32.1 -0.5
H32A	Carlson Farm,	61.11 343	P	P	10 55 32.5 +0.1
O20A	White River Ci	61.33 332	P	P	10 55 33.9 -0.2
O20A	White River Ci	61.33 332	eP	P	10 55 34.5 +0.3
O20A	White River Ci	61.33 332	eP	P	10 55 45.2 -0.8
J28A	Allard Ranch,	61.34 339	P	P	10 55 33.7 -0.3
F36A	Miller	61.37 346	P	P	10 55 33.2 -0.8
J27A	Elkhorn Farm,	61.45 339	P	P	10 55 34.7 -0.1
SUSD	South Dakota S	61.51 342	P	P	10 55 34.3 -0.7
I29A	Vivian Onida	61.56 340	P	P	10 55 35.0 -0.4
SRU	San Rafael	61.58 330	eP	P	10 55 36.8 +0.9
SRU	San Rafael	61.58 330	eP	P	10 55 37.8 +0.1
F35A	Swanville	61.61 346	P	P	10 55 35.2 -0.5
CCUT	Cedar City	61.83 327	eP	P	10 55 39.0 +1.3
CCUT	Long Hollow	61.85 331	eP	P	10 55 50.3 +0.8
P18A	Preston Nutter	61.85 331	eP	P	10 55 38.3 +0.9
J26A	Sides Ranch, S	61.89 338	P	P	10 55 49.9 +0.1
BFSC	Mount Baldy Ra	61.90 322	P	P	10 55 38.0 +0.3
E36A	McGregor	61.92 347	P	P	10 55 37.7 -0.1
MSU	Marysvalde	61.94 329	eP	P	10 55 39.3 +1.0
MSU	Butcher Ranch,	61.97 330	eP	P	10 55 50.4 +0.2
P17A	5 Mile Ranch,	62.03 344	P	P	10 55 39.4 +1.0
F33A	5 Mile Ranch,	62.03 344	P	P	10 55 38.1 -0.4
SHPR	Sheep Range	62.04 325	eP	P	10 55 40.5 +1.5
SHPR	Sheep Range	62.04 325	eP	P	10 55 50.8 0.0
TMUT	Trail Mountain	62.06 330	eP	P	10 55 39.7 +0.5
TMUT	Trail Mountain	62.06 330	eP	P	10 55 49.4 -1.7
GSC	Goldstone	62.12 323	eP	P	10 55 38.7 -0.8
I27A	Quinn	62.19 339	P	P	10 55 39.3 -0.4
G30A	Faulkton	62.19 342	P	P	10 55 39.1 -0.5
E35A	Pequot Lakes	62.23 346	P	P	10 55 39.7 -0.1
D37A	Cotton	62.35 348	P	P	10 55 40.4 -0.2
E34A	Wadena	62.37 345	P	P	10 55 40.4 -0.3
H28A	Mission Ridge	62.37 340	P	P	10 55 40.8 -0.3
I26A	New Underwood	62.43 339	P	P	10 55 41.4 +0.1
G29A	Hoven	62.48 341	P	P	10 55 41.5 -0.1
F31A	Hecla	62.59 343	P	P	10 55 42.1 -0.2
K22A	Casper	62.65 335	P	P	10 55 42.8 -0.2
K22A	Casper	62.65 335	eP	P	10 55 43.0 0.0
G28A	Parade	62.69 341	eP	P	10 55 44.2 +0.1
I25A	Rochford	62.74 338	P	P	10 55 44.1 +0.6
C37A	Embarass	62.85 348	P	P	10 55 43.8 -0.1
D34A	Park Rapids	62.91 346	P	P	10 55 43.9 -0.5
RSSD	Black Hills	62.94 338	eP	P	10 55 45.2 +0.3
RSSD	Black Hills	62.94 338	eP	P	10 55 56.8 +0.1
BSC	Santa Cruz Isl	62.95 320	eP	P	10 55 46.5 +1.6
TPNV	Topopah Spring	62.96 325	P	P	10 55 45.8 +0.6
TPNV	Topopah Spring	62.96 325	eP	P	10 55 49.2 +4.0
FURC	Furnace Creek,	62.97 324	P	P	10 55 45.8 +0.9
NLU	North Lily Min	62.99 330	eP	P	10 55 47.2 +1.9
NLU	North Lily Min	62.99 330	eP	P	10 55 57.7 +0.5
C36A	Pine Crest Far	63.01 347	P	P	10 55 44.9 -0.1
MPMC	Manual Prospec	63.05 323	P	P	10 55 46.1 +0.3
D33A	AnnSam, Waubun	63.12 345			

3d 11h

Table of astronomical observations for 3d 11h, listing station names, coordinates, and observation details.

2010 NOV

Main table of astronomical observations for 2010 NOV, including station names, coordinates, and observation details.

112

Table of astronomical observations for 112, listing station names, coordinates, and observation details.

mB3.7/8, MS4.3/3, Error ellipse: s-maj=3.9km s-min=2.3km az=154.7
JMA 03 11:13:53.1, 23.61N, 121.99E, h16km, dkm, M3.6
TAP 03 11:13:54.1, 23.61N, 121.97E, h18km, ML3.9, C
ISC 03 11:13:53.1, 23.59N, 121.98E, 0.03, h15km, 8km,
n77, o567/95, mB3.7/8, MS4.3/3, 18C, Taiwan

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

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

BJI 03 11:18:08.6, 5.11S, 134.63E, h10km, mb5.6/84, mB5.6/55,
Ms5.9/92, Ms7.5/6/8

AUST 03 11:18:12.9, 0.2, 4.71S, 134.13E, h0km, Error ellipse:
s-maj=4.9km s-min=3.7km az=45.0

IDC 03 11:18:13.5, 0.4, 6.1S, 134.09E, h0km, mb5.4/26,
mb1.5/4/33, mb1mx5.3/45, mbtmp.5/4/33, ML5.1/5, MS5.6/21,
M1.5.6/21, ms1mx5.5/31, Error ellipse: s-maj=13.2km
s-min=10.0km az=65.0

IS/CJB 03 11:18:14.4, 0.6, 4.70S, 134.04E, h15km, 3km,
mb5.7/184, MS5.9/284, Error ellipse: s-maj=3.5km
s-min=3.2km az=14.5

NEIC 03 11:18:15.6, 0.2, 4.62S, 134.07E, h10km, mb5.8/93,
MS6.0/242, MW6.0, MW5.9, MW6.0, Error ellipse:
s-maj=4.7km s-min=4.2km az=5.0, Moment Tensor
Solution: s32 Moment tensor: Scale 10^17Nm; M=1.29;
Mw=7.21; Mw=8.50; Mw=10.53; Mw=4.61; Mw=0.63; Best
double couple: M9.20000^0.1017 NP1=60.00000^0.
889.00000^0.15.00000^0. NP2=330.00000^0.885.00000^0.
179.00000^0. Principal axes: T 9.80000, Plg4.00000^0.
Azm280.00000^0. N -1.32000, Plg85.00000^0. Azm69.00000^0.
P -8.48000, Plg3.00000^0. Azm195.00000^0;

NEIC Felt [IV] at Kaimana, [III] at Nabire and [II] at Timika.
GCMT 03 11:18:15.6, 0.1, 4.58S, 134.12E, h15km, MW6.0/123,
Moment Tensor Solution. s114.c240; s123.c394;
Duration: 284 Moment tensor: Scale 10^18Nm;
M=0.08; M=1.02; M=1.02; M=1.02; M=1.02; M=0.22; 02;
M=0.34; 01; M=0.14; 02; Best double couple:
M=1.142000^0.1018 NP1=234.00000^0.888.00000^0.
-13.00000^0. NP2=324.00000^0.877.00000^0.
-178.00000^0. Principal axes: T 1.1750, Plg6.00000^0.
Azm280.00000^0. N -0.0690, Plg77.00000^0. Azm44.00000^0.
P -1.1090, Plg11.00000^0. Azm188.00000^0; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface/mantle
waves, cutoff=50s.

DJA 03 11:18:15.4, 0.2, 5.2S, 133.4E, h10km, M5.9/63,
mb5.9/63, mB6.2/63, MLV6.2/15, Mw(mE)5.8/63, Mwp6.0/31

MOS 03 11:18:15.4, 0.1, 4.58S, 134.10E, h22km, mb5.9/67,
MS5.8/96, Error ellipse: s-maj=7.7km s-min=4.9km
az=115.7

ISC 03 11:18:17.3, 0.3, 4.65S, 134.11E, 0.03, h25km, 1km,
h24km, pP, N929, r1953/831, mb5.7/196, MS6.0/286,
23C-340, Irian Jaya region

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

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

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BCPH Baguio City Da, CMJ Cimerak, RMQ Roma, HNR Honiara, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like UBPT Khong Chiam, KULM Kulim, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like GYA comp=Z,70nm,0.9s, GYA comp=Z,390nm,5.4s, GYA comp=Z,5,5um,22.2s, etc.

XAN	comp=Z,13um,19.0s	45.24 330	P	P	11 26 33.5 +0.6
XAN	Xi'an		pP	pP	11 26 37.9 -2.5
XAN			sP	sP	11 26 40.6 -2.8
XAN			PcP	PcP	11 28 12.7 0.0
XAN			PP	PP	11 28 22.4 +3.4
XAN			S	S	11 33 09.9 -1.9
XAN			PMZ		
XAN	comp=Z,81nm,1.2s		PMZ		
XAN	comp=Z,240nm,6.2s		LN		
XAN	comp=Z,5um,19.8s		LE		
XAN	comp=Z,4um,21.2s		LE		
XAN	comp=Z,7um,20.4s		LZ		
CD2	CD2	45.72 323	iP	iP	11 26 37.5 +0.7
CD2	Chengdu		sP	sP	11 26 45.4 -1.9
CD2			PP	PP	11 23 30.5 +6.3
CD2			S	S	11 33 14.8 -4.0
CD2			sS	sS	11 33 32.6 +1.4
CD2			PMZ		
CD2	comp=Z,60nm,1.0s		PMZ		
CD2	comp=Z,380nm,6.0s		LN		
CD2	comp=Z,8um,17.8s		LE		
CD2	comp=Z,6um,19.0s		LE		
CD2	comp=Z,12um,16.6s		LZ		
TIV	TIV	46.72 336	eP	eP	11 26 45.5 +1.0
TIV	Taiyuan		PP	PP	11 23 33.8 -1.0
TIV			S	S	11 33 33.8 +0.8
TIV			PMZ		
TIY	comp=Z,99nm,0.9s		PMZ		
TIY	comp=Z,570nm,8.3s		LN		
TIY	comp=Z,5um,16.7s		LE		
TIY	comp=Z,3um,16.8s		LZ		
TIY	comp=Z,7um,18.4s		LZ		
MSHR	Mys Shuitse	47.08 357	eP	P	11 26 46.4 -0.8
SNY	SNY	47.24 349	iP	S	11 26 47.4 -1.0
SNY	Shenyang		S	S	11 33 39.2 -0.9
SNY			PMZ		
SNY	comp=Z,69nm,1.0s		PMZ		
SNY	comp=Z,680nm,4.5s		LN		
SNY	comp=Z,6um,12.0s		LE		
SNY	comp=Z,5um,19.6s		LE		
SNY	comp=Z,7um,25.0s		LZ		
BJT	BJT	47.41 341	eP	P	11 26 50.2 +0.4
BJT	Baijiatau		pmax	pmax	
BJT	comp=Z,257nm,1.2s		MLR	MLR	
BJT	comp=Z,14um,20.0s		eP	P	11 26 50.2 +0.4
BJT	Baijiatau	47.41 341	eP	P	11 26 50.2 +0.4
BJT	comp=Z,257nm,1.2s		LR	LR	
BJT	comp=Z,14um,20.0s		LR	LR	
BJI	BJI	47.43 341	P	P	11 26 50.1 +0.2
BJI	Beijing		PP	PP	11 28 41.0 -0.5
BJI			S	S	11 33 40.5 -2.4
BJI			SS	SS	11 33 53.1 -2.2
BJI			PMZ		
BJI	comp=Z,170nm,1.2s		PMZ		
BJI	comp=Z,810nm,5.1s		LN		
BJI	comp=Z,6um,23.2s		LE		
BJI	comp=Z,13um,21.3s		LE		
BUJ	BUJ	47.47 135	PFAKE	LR	11 27 00.0 +1.0
OZU	OZU	47.59 358	iP	P	11 26 52.4 +1.3
VLA	VLA		ePPP	PP	11 27 02.8 +4.0
VLA	Vladivostok		e	S	11 28 45.6
VLA			pmax	pmax	11 33 46.3 +1.3
VLA	comp=Z,228nm,1.4s		MLR	MLR	
USRK	USRK	48.66 358	P	P	11 26 59.2 -0.1
USRK	Ussuriysk Ar.		eP	PP	11 27 02.8 +4.0
USRK	comp=Z,50nm,0.8s,baz=175,slow=6.3,SNR=89		LR	LR	11 47 34.4
CN2	CN2	48.86 352	iP	P	11 27 00.3 -0.6
CN2	Changchun		eP	PP	11 27 10.0 +1.5
CN2			eS	S	11 34 00.3 -2.6
CN2			PMZ		
CN2	comp=Z,60nm,1.0s		PMZ		
CN2	comp=Z,690nm,6.0s		LN		
CN2	comp=Z,5um,20.0s		LE		
CN2	comp=Z,3um,20.0s		LZ		
ASAJ	ASAJ	49.14 8	P	P	11 27 02.2 -0.9
ASAJ	Asahikawa		eP	PP	11 27 02.2 -0.9
ASAJ	comp=Z,66nm,0.8s,baz=215,slow=10,SNR=25		pmax	pmax	
ASAJ	Asahikawa	49.14 8	eP	P	11 27 03.1 0.0
ASAJ	comp=Z,68nm,0.8s		LR	LR	
ASAJ	comp=Z,77nm,0.8s		LR	LR	
MDJ	MDJ	49.21 356	P	P	11 27 03.2 -0.4
MDJ	Mudanjiang		pP	pP	11 27 06.3 -4.9
MDJ			sP	sP	11 27 07.6 -6.5
MDJ			S	S	11 34 06.8 -1.1
MDJ			ScS	ScS	11 36 49.2 -4.9
MDJ			SS	SS	11 37 35.5 -4.2
MDJ	comp=Z,180nm,1.0s		PMZ		
MDJ	comp=Z,490nm,5.2s		LN		
MDJ	comp=Z,4um,19.9s		LE		
MDJ	comp=Z,3um,18.5s		LE		
MDJ	comp=Z,6um,19.9s		LZ		
MDJ	Mudanjiang	49.21 356	eP	P	11 27 03.6 +0.1
MDJ	comp=Z,148nm,0.8s		LR	LR	
LZH	LZH	49.45 328	iP	P	11 27 06.3 +0.5
LZH	Lanzhou		pP	pP	11 27 10.8 -2.6
LZH			sP	sP	11 27 13.5 -2.9
LZH			PcP	PcP	11 28 29.3 +1.5
LZH			PP	PP	11 29 01.4 +1.2
LZH			S	S	11 34 12.0 +0.1
LZH	comp=Z,200nm,1.4s		PMZ		
LZH	comp=Z,960nm,6.5s		LN		
LZH	comp=Z,7um,14.5s		LE		
LZH	comp=Z,4um,15.0s		LE		
LZH	comp=Z,9um,16.2s		LZ		
YUK	Yuzh-Kuril'sk	49.60 11	iP	P	11 26 57.5 -9.1
YUK			iPPP	PPP	11 29 58.1
YUK			iSS	SS	11 37 45.4 -0.6
YUK			iSSS	SSS	11 39 13.8
YUK	comp=N,139nm,1.8s		pmax	pmax	
YUK	comp=E,225nm,1.8s		pmax	pmax	
YUK	comp=Z,249nm,1.8s		pmax	pmax	
HHC	HHC	49.77 338	eP	S	11 27 09.7 +1.6
HHC	Hu-ho-hao-te		S	S	11 34 16.9 +0.8

HHC	HHC	55	SS	SS	11 34 33.1 +4.5
HHC			PMZ		
HHC	comp=Z,94nm,1.2s		PMZ		
HHC	comp=Z,700nm,7.5s		LN		
HHC	comp=Z,5um,15.4s		LE		
HHC	comp=Z,6um,15.3s		LZ		
HHC	comp=Z,6um,15.2s		LZ		
DCZ	DCZ	49.83 150	PFAKE	LR	11 27 20.0 +1.2
DCZ	Deep Cove		LR	LR	
HIZ	HIZ	50.04 138	PFAKE	LR	11 27 20.0 +1.0
HIZ	Hauti		LR	LR	
BTO	BTO	50.16 336	eP	P	11 27 05.5 -5.6
BTO	Baotou		eS	S	11 27 30.0 +1.8
BTO	Wanaka	50.34 148	PFAKE	LR	
WKC	WKC		LR	LR	
WHZ	WHZ	50.52 150	PFAKE	LR	11 27 30.0 +1.6
WHZ	Wether Hill Ro		LR	LR	
THZ	THZ	50.61 143	PFAKE	LR	11 27 30.0 +1.6
THZ	Tophouse		LR	LR	
RPZ	RPZ	50.73 146	eP	P	11 27 20.6 +5.4
RPZ	Rata Peaks		LR	LR	
RPZ	comp=Z,84nm,1.0s		LR	LR	
SHL	SHL	50.79 308	eP	S	11 27 16.1 -0.1
SHL	Shilong		eS	S	11 34 35.5 +4.5
SHL			PFAKE	LR	11 27 30.0 +1.2
OXZ	OXZ	51.04 145	PFAKE	LR	
KUR	KUR	51.16 12	eP	P	11 27 16.3 -2.0
ODZ	ODZ	51.35 147	PFAKE	LR	11 27 30.0 +1.0
ODZ	Otahua Downs		LR	LR	
KHZ	KHZ	51.38 143	PFAKE	LR	11 27 30.0 +1.0
KHZ	Kahutara		LR	LR	
URZ	URZ	51.43 137	P	P	11 27 21.4 +0.8
URZ	Urewera		LR	LR	
URZ	comp=Z,5.8nm,0.7s,baz=330,slow=11,SNR=7.0		LR	LR	
URZ	Urewera	51.43 137	eP	P	11 27 24.8 +4.3
URZ	comp=Z,343nm,2.3s		LR	LR	
SNZO	SNZO	51.46 141	PFAKE	LR	11 27 30.0 +9.3
SNZO	South Karori		LR	LR	
BKZ	BKZ	51.47 138	eP	P	11 27 21.6 +0.7
BKZ	Black Stump Fm		LR	LR	
BKZ	comp=Z,80nm,1.2s		LR	LR	
RAO	RAO	51.52 124	PFAKE	LR	11 27 30.0 +8.6
RAO	Raoul Island		LR	LR	
YSS	YSS	51.95 8	eP	P	11 27 23.8 -0.4
YSS	Yuzh-Sakhalins		e	S	11 27 32.5
YSS			eS	S	11 34 44.0 -1.8
YSS			ePS	pmax	11 34 57.0 +2.1
YSS			pmax	pmax	
BFZ	BFZ	52.09 140	PFAKE	LR	11 27 40.0 +1.4
BFZ	Birch Farm		LR	LR	
HABR	HABR	52.91 10	eP	P	11 27 29.0 -2.3
HABR	Khabarovsk		ePP	PP	11 27 30.0 +0.1
HABR			e	S	11 28 37.0
HABR			eS	S	11 29 29.0
HABR			e	S	11 30 34.4
HABR			ePPP	PPP	11 34 57.3 -1.6
HABR			eSS	SS	11 35 14.2 +2.7
HABR			e	S	11 37 15.5
HABR			eSS	SS	11 38 38.0 -0.3
HABR			eSSS	SSS	11 40 28.7
HABR			pmax	pmax	
HABR	comp=Z,262nm,1.5s		pmax	pmax	
HABR	comp=Z,466nm,1.6s		MLR	MLR	
HABR	comp=Z,8um,19.0s		MLR	MLR	
HABR	comp=N,6um,21.0s		MLR	MLR	
HABR	comp=E,4um,21.0s		MLR	MLR	
LSA	LSA	53.49 312	P	P	11 27 37.6 +1.1
LSA	Lhasa		S	S	11 35 05.2 -3.2
LSA	comp=E,830nm,20.0s		LN	LN	
LSA	comp=Z,3um,21.0s		LE	LE	
LSA	comp=E,3um,21.0s		LZ	LZ	
LSA	Lhasa	53.49 312	eP	P	11 27 37.1 +0.6
LSA	comp=Z,284nm,1.8s		pmax	pmax	
LSA	Lhasa	53.49 312	eP	P	11 27 37.1 +0.6
LSA	comp=Z,294nm,1.8s		PFAKE	LR	11 27 50.0 +1.3
MCQ	MCQ	53.63 162	PFAKE	LR	
MCQ	Macquarie Isla		LR	LR	
KLR	KLR	53.70 358	eP	S	11 27 33.0 -4.1
KLR	Kul'dur		eS	S	11 35 05.5 -4.2
KLR			pmax	pmax	
KLR	comp=Z,350nm,2.2s		pmax	pmax	
KLR	comp=Z,2um,9.0s		MLR	MLR	
KLR	comp=E,2um,15.0s		MLR	MLR	
KLR	comp=Z,6um,15.0s		MLR	MLR	
GTA	GTA	54.05 327	iP	P	11 27 42.1 +2.0
GTA	Gaotai		pP	pP	11 27 49.6 +1.9
GTA			sP	sP	11 27 52.6 +1.9
GTA			PcP	PcP	11 28 45.5 +0.6
GTA			S	S	11 35 15.6 +0.5
GTA			sS	sS	11 35 29.7 +2.0
GTA			SS	SS	11 38 57.8 +0.8
GTA	comp=Z,50nm,1.3s		PMZ		
GTA	comp=Z,420nm,5.2s		LN		
GTA	comp=Z,5um,24.5s		LE		
GTA	comp=Z,4um,25.9s		LE		
GTA	comp=Z,3um,23.5s		LZ		
AFI	AFI	54.09 104	PFAKE	LR	11 27 50.0 +9.3
AFI	Afiatalu		LR	LR	
CHLP	CHLP	54.41 297	eP	IAMB	11 27 42.8 -0.1
CHLP	Challavanipeta		IAMB	IAMB	11 27 45.1
CHLP			S	S	11 35 22.0 +1.7
CHLP			eS	S	11 53 48.0
CHLP	comp=Z,823nm,23.3s		IVMs_BB	IVMs_BB	
PALK	PALK	54.59 282	iP	P	11 27 44.9 +0.5
PALK	Pallekele		P	P	11 27 43.7 -0.7
PALK	Pallekele	54.59 282	eP	P	11 27 44.3 -0.1
PALK	comp=Z,993nm,2.7s		LR	LR	
PALK	comp=Z,4um,20.0s		P	P	
VIS	VIS	54.80 295	eP	P	11 27 44.7 -1.0
VIS	Vishakhapatnam		eP	P	11 27 42.5 -3.4
BOK	BOK	54.83 303	ex	P	11 27 46.2 -0.7
TAPN	TAPN	54.92 308	ex	P	
TAPN	Taplejung		comp=Z,523nm,1.4s		
ODAN	ODAN	54.95 307	eP	P	11 27 46.1 -0.9
ODAN	Odare		comp=Z,258nm,1.2s		
HIA	HIA	55.13 349	eP	P	11 27 47.9 +0.3
HIA	Hailar		pmax	pmax	
HIA	comp=Z,39nm,0.8s		MLR	MLR	
HIA	comp=Z,7um,19.0s		MLR	MLR	
HIA	Hailar	55.13 349	eP	P	11 27 47.9 +0.3
HIA	comp=Z,39nm,0.8s		LR	LR	
HIA	comp=Z,7um,19.0s		LR	LR	
RAMN	RAMN	55.62 307	eP	P	11 27 51.5 -0.3
RAMN</					

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like EAGO Agolada, PBRG Braganca, ECAL Calabor, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAMT Kaman, BBAL Bala, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BBAL Af-ar-Bala, Serefikochisa, Yaylak, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LZH Lanzhou, HHC Hu-to-hao-te, etc.

3d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gaotai, Songino Array, Makanchi Array, etc.

CSEM 03 12:18:48.5, 43:75N, 20:73E, h0km, ML1.9, After BEO

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

ISCJB 03 12:19:09.5, 0.3, 45:51N, 01:743E, h0km, mb3.7/4

Error ellipse: s-maj=3.5km s-min=2.5km az=4.8
CSEM 03 12:19:10.5, 0.1, 45:48N, 7:52E, h10km, ML2.0, Error ellipse: s-maj=3.2km s-min=2.1km az=95.0

ROM 03 12:19:10.2, 0.1, 45:43N, 7:59E, h6km, 1km, Md2.4/6

Md2.6, Error ellipse: s-maj=2.3km s-min=1.2km az=140.3
LDG 03 12:19:11.4, 0.1, 45:47N, 7:56E, h5km, Md2.4/3, Md2.7/2.0

GEN 03 12:19:11.1, 0.8, 45:44N, 7:61E, h6km, ML2.0

ISC 03 12:19:11.1, 0.8, 45:45N, 02:762E, h10km, 4km, n89, c1946/127, 1, C, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Traversella, Champorchet, Reno Superiore, etc.

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Main table with columns: MBDF, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORIF, CABB, SBF, FRF, LMR, DAVA, etc.

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Table with columns: AMOG, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mogna, San Juan, Cerro Valdivia, etc.

CSEM 03 12:35:07.2, 41:48N, 1:39E, h0km, ML1.9, Mining explosion. After MDD, Spain

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Poblet, Miracle, Fontmarina, Sort, etc.

CSEM 03 13:00:09.0, 59:87N, 10:72E, h0km, ML1.0, Suspected Mining explosion. After UPP

UPP 03 13:00:09.0, 59:87N, 10:72E, h0km, ML1.0, Suspected Mining explosion., Southern Norway

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

CSEM 03 13:00:27.4, 58:18N, 12:34E, h0km, ML1.0, Mining explosion. After UPP

UPP 03 13:00:27.4, 58:18N, 12:34E, h0km, ML1.0, Mining explosion., Sweden

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

ISC 03 13:06:49.8, 1.2, 12:35N, 125:94E, h0km, mb3.7/4

mb1 3.9/4, mb1mx3.5/33, mbtmp3.7/4, Error ellipse: s-maj=48.0km s-min=23.4km az=69.0

ISC 03 13:06:54.3, 1.3, 12:4N, 01:125.8E, 0.1, h32km, n6, c1945/7, mb3.6/4, 2D, Samar

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

ISCJB 03 13:08:53.1, 0.8, 34:68N, 0:08, 32:51E, 0:06, h24km, 11km

Error ellipse: s-maj=13.0km s-min=8.3km az=18.0
CSEM 03 13:08:53.7, 0.2, 34:75N, 32:53E, h20km, ML3.0, Error ellipse: s-maj=5.0km s-min=2.6km az=60.0

ISC 03 13:08:54.5, 0.1, 34:78N, 0:04, 32:55E, 0:05, h26km, 8km, n32, c0953/44, 2D, Cyprus region

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

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ISK 03 13:37:45.2,39°51'N,37°00'E,h9km,MD3.0
ISC 03 13:37:45.7,1.1,39.49N,0.03,37.00E,0.03,h6km,12km,
n29,r05/7141,Turkey

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

ISK 03 13:48:25.9,37°07'N,28°88'E,h10km,MD3.2
DDA 03 13:48:26.7,37°07'N,28°86'E,h7km,MD3.9
ISCJB 03 13:48:26.4,0.6,37°07'N,0.02,28°88'E,0.03,h2km,5km,

ISC 03 13:48:26.7,1.1,37.08N,0.02,28.87E,0.02,h4km,9km,
n70,r10/97,Turkey

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

IDI Anoyia 3.68 242 P Sn 13 49 25.1 +0.7
IDI Anoyia 3.68 242 S Sn 13 50 09.7 +1.4

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

DJA 03 13:55:26.2,1.3,10°S,5°11'4E,h29km,15km,M3.8/13,
mb4.2/1,mb5.2/1,MLV3.6/13,Mw(MB)4.6/1, South of

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

ISCJB 03 14:00:38.5,0.6,37°10'N,0.02,28°88'E,0.03,h2km,6km,
Error ellipse: s-maj=4.8km s-min=3.6km az=32.7

DDA 03 14:00:38.7,37°09'N,28°86'E,h7km,MD3.1
CSEM 03 14:00:38.6,0.1,37°11'N,28°88'E,h5km,MD3.1, Error

ISC 03 14:00:38.1,37°06'N,28°90'E,h12km,MD3.1
THE 03 14:00:39.1,37°14'N,28°95'E,h1km,6km,ML2.9/2, Error

ISC 03 14:00:38.6,1.3,37°09'N,0.02,28°88'E,0.02,h2km,10km,
n53,r088/76,Turkey

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

MOS 03 14:10:22.0,1.0,2°57'N,126°07'E,h35km,mb5.7/62,
MS4.4/9, Error ellipse: s-maj=7.8km s-min=4.1km

KLM 03 14:10:24.2,2.84N,126°56'E,h52km,mb5.6,MLS.1,MS6.0
IDD 03 14:10:24.6,1.2,2°49'N,126°10'E,h45km,10km,mb5.2/47,

ISCJB 03 14:10:25.9,0.3,2°54'N,126°22'E,0.02,h73km,2km,
mb5.4/213, Error ellipse: s-maj=3.2km s-min=2.3km

BUI 03 14:10:25.7,2°54'N,126°01'E,h74km,mb5.4/77,mb5.4/42,
MS4.8/56,MS7.4/63/3

GCMT 03 14:10:26.4,0.2,2°81'N,126°12'E,h54km,1km,MW5.3/71,
Moment Tensor Solution. s1,723; s71,125; Duration:
1s1 Moment tensor: Scale 10^17Nm; Mw=0.66±0.4;

NP1:211.00000°,865.00000°,1.65,00000°. NP2:
4m,79.00000°,835.00000°,1.133,00000°. Principal axes: T

0.9180,Plg1.0000°,AzM82.0000°,N 0.3320,
Plg23.0000°,AzM222.0000°,P -1.2500,Plg16.0000°,

Azm319.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

NEIC 03 14:10:26.4,0.5,2°53'N,126°22'E,h63km,5km,mb5.5/89
Error ellipse: s-maj=4.7km s-min=3.5km az=62.0

AUST 03 14:10:27.5,0.5,2°49'N,126°35'E,h80km,5km, Error
ellipse: s-maj=5.6km s-min=4.5km az=29.0

DJA 03 14:10:28.2,0.3,3°N,2°12'E, h73km,3km, M5.3/111,
4m,79.6/11,mb5.7/68,MLB.7/12,Mw(MB)5.2/61

ISC 03 14:10:26.6,0.3,2°52'N,0.03,126°19'E,0.04,h64km,2km,
h64km;P-P,n1016,r136/1086,mb5.5/210,67C-26D,

Northern Molucca Sea

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

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TKM2, TKM2, SFK, AAK, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like ABPO, ABPO, RAYN, RAYN, DNGR, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TMCR, TAMITA, VAH, PAX, etc.

3d 14h

RKT	comp=Z,5.3nm,0.6s,baz=295,slow=6.0,SNR=7.6	Rikitea	99.11 113	eP	Pdif	14 24 03.2 +1.9
RKT	comp=Z,144nm,1.5s	Rikitea	99.11 113	eLR	LR	14 24 03.0
OKC	comp=Z,524nm,37.5s	Ostrava-Krasne	99.62 321	eP	Pdif	14 24 24.7 +0.6
OKC		Ostrava-Krasne	99.62 321	ePDIFF	Pdif	14 24 03.7 +0.6
NB2	comp=Z,6.4nm,0.7s,baz=70,slow=4.6	NORSAR Subarra	99.63 333	eP	Pdif	14 24 01.3 -1.6
NB2	comp=Z,5.0nm,0.6s,baz=69,slow=4.6,SNR=18	NORSAR Array B	99.63 333	eP	Pdif	14 24 01.8 -1.1
NOA	comp=Z,2.03nm,19.9s,baz=295,slow=37	Divibare	99.82 315	i/P	Pdif	14 24 03.7 -0.5
DIVS		Divibare	99.82 315	i/P	Pdif	14 24 02.4 -2.5
MORC		Moravsky Berou	100.02 321	i/P	Pdif	14 24 02.4 -2.5
MORC		Moravsky Berou	100.02 321	i/P	Pdif	14 24 07.3 +0.7
KRLC		Kralicky	100.40 322	eP	Pdif	14 24 07.3 +0.7
KRLC		Kralicky	100.40 322	ePDIFF	Pdif	14 24 07.6 +0.7
KSP		Ksiaz	100.48 323	eP	Pdif	14 24 07.7 +0.8
KSP		Ksiaz	100.48 323	eP	Pdif	14 24 07.9 +0.4
DPD		Dobruska-Polom	100.61 322	eP	Pdif	14 24 07.9 +0.4
DPD		Dobruska-Polom	100.61 322	ePDIFF	Pdif	14 24 08.4 +0.3
UPC	comp=Z,3.5nm,0.2s,baz=87,slow=4.5,SNR=7.5	Uvice	100.75 322	eP	Pdif	14 24 08.0 -0.1
UPC		Uvice	100.75 322	ePDIFF	Pdif	14 24 08.0 -0.1
BOSA	comp=Z,2.5nm,1.1s	Soshof	101.80 342	eP	Pdif	14 24 07.9 -1.1
YKA	comp=Z,3.8nm,0.9s,baz=54,slow=4.2,SNR=4.4	Yellowknife Ar	100.82 24	eP	Pdif	14 24 09.0 +0.9
YKA	comp=Z,1.6nm,0.6s,baz=295,slow=4.2,SNR=8.9	Yellowknife Ar	100.82 24	eP	Pdif	14 28 16.5 +0.5
YKA	comp=Z,1.7nm,1.0s,baz=294,slow=7.3,SNR=2.6	Yellowknife Ar	100.82 24	eP	Pdif	14 24 20.8 -2.6
TREC	comp=Z,2.0nm,0.9s,baz=122,slow=3.5,SNR=5.7	Trest	101.44 321	eP	Pdif	14 24 11.8 +0.6
TREC		Trest	101.44 321	ePDIFF	Pdif	14 24 11.8 +0.6
PVCC		Panska Ves	101.62 323	eP	Pdif	14 24 12.3 +0.9
PVCC		Panska Ves	101.62 323	ePDIFF	Pdif	14 24 12.8 +0.9
GOPC		GO Pecny, Ondr	101.68 322	eP	Pdif	14 24 12.8 +0.5
GOPC		GO Pecny, Ondr	101.68 322	ePDIFF	Pdif	14 24 12.8 +0.5
PRU		Pruhonice	101.81 322	eP	Pdif	14 24 13.4 +0.6
PRU		Pruhonice	101.81 322	ePDIFF	Pdif	14 24 13.4 +0.6
BRG	comp=Z,2.5nm,1.1s	Bergglieshubel	101.88 323	eP	Pdif	14 24 13.4 +0.3
BRG		Bergglieshubel	101.88 323	eP	Pdif	14 24 13.4 +0.3
CLL	comp=Z,12nm,1.0s	Collim	102.30 324	i/P	Pdif	14 24 15.1 +0.2
CLL		Collim	102.30 324	i/P	Pdif	14 24 15.1 +0.2
KHC	comp=Z,12nm,1.0s	Kasperske Hory	102.68 322	eP	Pdif	14 24 17.2 +0.5
KHC		Kasperske Hory	102.68 322	ePDIFF	Pdif	14 24 17.2 +0.5
GERES	comp=Z,2.6nm,0.8s,baz=72,slow=4.6,SNR=18	GERES Array B	102.69 321	eP	Pdif	14 28 34.7 -2.8
GERES		GERES Array B	102.69 321	eP	Pdif	14 24 21.7 0.0
SNA	comp=Z,1.4nm,0.8s,baz=89,slow=5.0,SNR=4.7	Sanae	103.91 195	eP	Pdif	14 24 22.8 +1.0
SNA		Sanae	103.91 195	eP	Pdif	14 24 21.7 0.0
SNA	comp=Z,1.0nm,0.9s	Sanae	103.91 195	ePdif	Pdif	14 24 21.7 0.0
FETA	comp=Z,1.0nm,0.9s	Feichten	105.19 320	i/P	Pdif	14 24 28.4 +0.3
VNA2	comp=Z,1.0nm,0.9s	Neumayer-Watz	105.52 194	eP	Pdif	14 24 28.9 0.0
DAVOX	comp=Z,2.6nm,0.6s,baz=161,slow=4.3,SNR=4.7	Davos/Dischmat	105.82 320	eP	Pdif	14 24 30.9 0.0
VNA3	comp=Z,2.6nm,0.6s,baz=161,slow=4.3,SNR=4.7	Neumayer Olymp	105.85 194	eP	Pdif	14 24 31.3 +1.0
VNA1	comp=Z,2.6nm,0.6s,baz=161,slow=4.3,SNR=4.7	Neumayer-Stat	105.92 194	eP	Pdif	14 24 31.6 +1.1
NVAR	comp=Z,0.6nm,0.7s,baz=318,slow=2.0,SNR=4.2	Mina Array Bea	108.11 48	eP	Pdif	14 24 42.8 +1.4
NVAR	comp=Z,3.7nm,0.9s,baz=125,slow=4.9,SNR=12	Eskdalemuir Ar	109.04 332	eP	Pdif	14 39 57.0 -1.4
EKA	comp=Z,1.4nm,0.5s,baz=242,slow=3.5,SNR=9.8	Halley	109.06 42	eP	Pdif	14 28 50.5 +0.9
HLID	comp=Z,1.4nm,0.5s,baz=242,slow=3.5,SNR=9.8	Halley	109.06 42	eP	Pdif	14 29 24.3 -0.5
KEST	comp=Z,12nm,1.1s,baz=50,slow=2.7,SNR=3.7	Kesra	109.98 309	PP	PP	14 28 51.8 +0.6
BOZ	comp=Z,12nm,1.1s,baz=50,slow=2.7,SNR=3.7	Bozeman (W)	110.01 39	ePKIKP	PKIKP	14 28 51.8 +0.6
BOZ		Bozeman (W)	110.01 39	ePKIKP	PKIKP	14 28 54.5 +0.3
DUG		Dugway	111.47 45	ePKIKP	PKIKP	14 28 55.3 +1.2
DUG		Dugway	111.47 45	ePKIKP	PKIKP	14 28 54.5 +0.3
MSU		Marysvalde	112.58 46	ePKIKP	PKIKP	14 28 58.0 +1.6
MSU		Marysvalde	112.58 46	ePKIKP	PKIKP	14 28 58.0 +1.6
LAO		LASA Array	112.82 36	ePKIKP	PKIKP	14 28 57.8 +1.4
LAO		LASA Array	112.82 36	ePKIKP	PKIKP	14 28 57.8 +1.4
LAO		LASA Array	112.82 36	ePKIKP	PKIKP	14 29 01.0 +1.3
TMUT		Trail Mountain	113.42 49	eP	Pdif	14 29 00.5 +0.3
WUAZ		Wupatki	113.42 49	eP	Pdif	14 29 01.9 +1.1
K22A		Casper	114.65 40	eP	Pdif	14 29 03.1 +1.4
E26A		Carlson Angus	115.35 35	eP	Pdif	14 29 01.9 +0.6
PV01		Paradox Valley	115.35 35	eP	Pdif	14 29 01.9 +0.6
F26A		Lodgepole	115.35 36	eP	Pdif	14 29 01.9 +0.6
RSSD		Black Hills	115.47 38	ePKIKP	PKIKP	14 29 01.5 -0.3
RSSD		Black Hills	115.47 38	ePKIKP	PKIKP	14 29 01.5 -0.3
G26A		Maurine	115.70 36	eP	Pdif	14 29 02.3 +0.3
I25A		Rochford	115.71 36	eP	Pdif	14 29 02.3 +0.1
F27A		Lemmon	115.72 35	eP	Pdif	14 29 02.0 +0.1
MVCO		Mesa Verde	115.77 46	eP	Pdif	14 29 04.3 +1.8
N23A		Red Feather La	115.88 42	eP	Pdif	14 29 03.1 +0.4
J25A		Sunshine Ranch	116.00 38	eP	Pdif	14 29 03.2 +0.6
G27A		Dupree	116.05 36	eP	Pdif	14 29 02.9 +0.3
B30A		Myrvik Farm, E	116.21 31	eP	Pdif	14 29 02.6 -0.2
I26A		New Underwood	116.24 37	eP	Pdif	14 29 03.7 +0.6
ULM		Lac du Bonnet	116.28 29	eP	Pdif	14 29 02.4 -0.4
H27A		Howes	116.38 36	eP	Pdif	14 29 03.9 +0.6
J26A		Sides Ranch, S	116.49 38	eP	Pdif	14 29 03.6 +0.1
ISCO		Idaho Springs	116.62 43	ePKIKP	PKIKP	14 29 04.4 +0.2
ISCO		Idaho Springs	116.62 43	ePKIKP	PKIKP	14 29 04.7 +0.5
ISCO		Idaho Springs	116.62 43	ePKIKP	PKIKP	14 29 04.4 +0.2
S22A		4UR Ranch, Cre	116.73 45	eP	Pdif	14 29 05.7 +1.2
G28A		Parade	116.81 36	eP	Pdif	14 29 04.0 -0.1
D30A		Buchanan	116.82 33	eP	Pdif	14 29 04.9 +0.9
A32A		Rocking H Ranc	116.85 30	eP	Pdif	14 29 04.1 +0.1
C31A		Landman Farms, 19	116.94 32	eP	Pdif	14 29 04.2 0.0
H28A		Mission Ridge	116.98 36	eP	Pdif	14 29 04.7 +0.3
E30A		Jud	117.10 33	eP	Pdif	14 29 05.0 +0.4
B32A		Alshorn, Strandq	117.17 31	eP	Pdif	14 29 04.7 +0.1
J27A		Ekhorn Farm,	117.18 38	eP	Pdif	14 29 05.7 +0.7
I28A		Midland	117.27 37	eP	Pdif	14 29 05.4 +0.4
G29A		Hoven	117.31 35	eP	Pdif	14 29 05.2 +0.2
J28A		Allard Ranch,	117.57 37	eP	Pdif	14 29 06.1 +0.5
AGMN		Agassiz Nation	117.57 30	eP	Pdif	14 29 05.4 0.0
SDCO		Great Sand Dun	117.67 45	eP	Pdif	14 29 05.1 +0.8

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G30A	Faulkton	117.80 35	P	PKPdf	14 29 05.8 -0.1
B34A	Aery, Baudette	118.05 30	P	PKPdf	14 29 06.3 0.0
121A	Cookes Peak, D	118.23 51	P	PKPdf	14 29 08.7 +1.3
ANMO	Albuquerque	118.23 48	ePKIKP	PKIKP	14 29 08.0 +0.7
ANMO	Albuquerque	118.23 48	ePKIKP	PKIKP	14 29 08.1 +0.7
ANMO	Albuquerque	118.23 48	ePKIKP	PKIKP	14 29 08.6 +1.0
OGNE	Ogallala	118.41 40	eP	Pdif	14 29 08.3 +1.0
K29A	Lazy Trails An	118.48 37	P	PKPdf	14 29 08.0 +0.6
J30A	Dallas	118.66 37	P	PKPdf	14 29 08.1 +0.4
E33A	Westby DABS, E	118.67 32	P	PKPdf	14 29 07.9 +0.4
D34A	Park Rapids	118.71 31	P	PKPdf	14 29 07.7 0.0
T25A	Trinidad	118.72 45	P	PKPdf	14 29 08.8 +0.6
C35A	Jiriri Farms, M	118.92 30	P	PKPdf	14 29 07.7 -0.3
F33A	5 Mile Ranch,	118.94 33	P	PKPdf	14 29 07.9 -0.2
K30A	Basset	118.96 37	P	PKPdf	14 29 09.0 +0.7
K30A	Basset	118.96 37	P	PKPdf	14 29 09.0 +0.4
J31A	Geddes	119.12 36	P	PKPdf	14 29 08.9 +0.3
S26A	Kim	119.14 44	P	PKPdf	14 29 09.7 +0.8
H32A	Carlson Farm,	119.14 34	P	PKPdf	14 29 09.2 +0.7
MVO	Moroncorvo	119.21 321	ePKPdf	PKPdf	14 29 12.9 +4.1
G33A	Ortonville	119.27 33	P	PKPdf	14 29 08.8 +0.1
T26A	Comanche Natio	119.27 44	P	PKPdf	14 29 10.5 +1.2
R27A	Eads	119.28 43	P	PKPdf	14 29 09.9 +0.8
D35A	Remer	119.30 30	P	PKPdf	14 29 08.8 0.0
L30A	Spencer Herefo	119.31 38	P	PKPdf	14 29 08.9 -0.1
P28A	Saint Francis	119.31 41	P	PKPdf	14 29 09.8 +0.7
H33A	Pre Over Nor	119.42 34	P	PKPdf	14 29 09.3 +0.2
C36A	Pine Crest Far	119.44 29	P	PKPdf	14 29 08.9 -0.1
E35A	Pequot Lakes	119.47 31	P	PKPdf	14 29 09.3 +0.2
K31A	O'Neill	119.50 37	P	PKPdf	14 29 09.4 +0.1
S27A	Las Animas	119.51 44	P	PKPdf	14 29 11.1 +1.4
F34A	Alexandria	119.52 32	P	PKPdf	14 29 09.9 +0.6
Q28A	Sharon Springs	119.53 42	P	PKPdf	14 29 10.7 +1.1
POLO	Lamas de Olo	119.57 321	ePKPdf	PKPdf	14 29 10.5 +0.9
F35A	Swanville	119.84 32	P	PKPdf	14 29 10.2 +0.3
R28A	Tribune	119.91 42	P	PKPdf	14 29 11.2 +0.9
T27A	Campo	119.94 44	P	PKPdf	14 29 11.7 +1.3
K32A	Verdigre	119.95 36	P	PKPdf	14 29 10.4 +0.2
EYMM	Ely	119.95 28	P	PKPdf	14 29 11.1 +1.1
MTE	Manteigas	119.95 320	ePKPdf	PKPdf	14 29 13.1 +2.8
VNA4	Spelman Lake,	119.97 33	P	PKPdf	14 29 10.9 +0.8
E36A	McGregor	120.08 30	P	PKPdf	14 29 10.4 +0.1
ECSD	EROS Data Cent	120.08 35	eP	PKPdf	14 29 10.6 +0.2
ECSD	EROS Data Cent	120.08 35	ePKPdf	PKPdf	14 29 10.1 -0.3
U27A	Thompson Grove	120.18 45	P	PKPdf	14 29 11.7 +0.8
Q29A	Oakley	120.18 41	P	PKPdf	14 29 11.7 +0.9
S28A	Manter	120.24 43	P	PKPdf	14 29 11.7 +0.7
G35A	Watkins	120.31 32	P	PKPdf	14 29 11.9 +1.2
P30A	Gelden	120.31 40	P	PKPdf	14 29 11.8 +0.8
T28A	Walsh	120.33 44	P	PKPdf	14 29 11.9 +0.7
F36A	Milaca	120.39 31	P	PKPdf	14 29 11.4 +0.5
MNT					

Table with columns: ID, Name, Az, El, Dist, Type, Status, Date, Time, Res. Includes entries like 537A Fort Scott, 531A Rocksprings, 532A Millersview, etc.

Table with columns: ID, Name, Az, El, Dist, Type, Status, Date, Time, Res. Includes entries like PLCA comp=2.24nm,1.2s, TRQA Torquist, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Az, El, Dist, Type, Status, Date, Time, Res. Includes entries like CSEM 03 15:08:09.0, GCSIS Gornji Cirmik, etc.

3d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Conrad Observa, Mollin, Wattenberg, etc.

IDC 03 15:13:30.9-4.4, 14.05N-90.11W, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.7/36, mbmtpp3.6/5, ML4.0/2, Error ellipse: s-maj=139.9km s-min=51.6km az=26.0

CASC 03 15:13:31.4-1.7, 13.17N-90.86W, h6km, 13km, MD3.9, mb4.2(NEIC)

NEIC 03 15:13:32.1-2.3, 14.01N-90.19W, h10km, mb4.2/2, Error ellipse: s-maj=50.9km s-min=23.9km az=193.0

ISC 03 15:13:29.9-1.4, 13.22N-90.191E, h0.05h, h10km, n18, r15/10/22, mb4.1/5, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pacaya, Fuego 3, San Blas, etc.

IDC 03 15:19:58.2-4.7, 14.21N-89.97W, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.6/38, mbmtpp3.4/4, ML3.8/2, Error ellipse: s-maj=170.8km s-min=43.4km az=26.0

CASC 03 15:20:02.6-2.4, 13.32N-90.70W, h20km, 15km, MD3.8

ISC 03 15:20:02.9-1.8, 13.22N-90.77W, 0.09h, h38km, n14, r15/16/14, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pacaya, Fuego 3, San Blas, etc.

BEO 03 15:28:06.3-0.6, 43.38N-17.74E, h4km, 3km, ML3.3/9, CSEM 03 15:28:06.5-0.1, 43.35N-17.84E, h2km, ML3.3, Error ellipse: s-maj=3.7km s-min=2.3km az=23.0

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ellipse: s-maj=3.2km s-min=1.7km az=27.0, PDG 03 15:28:08.0-0.6, 43.31N-17.93E, h3km, 1km, MD3.4/7, ML3.4/0, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ston, Bratogost, Unac-Piva, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ORIF, ORIF-6.6, ORIF-8.6, etc.

WEL 03 15:51:50.5-0.3, 40.95S-172.81E, h242km, 2km, ML3.6/6, 6C-1D, Error ellipse: s-maj=2.7km s-min=2.6km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Quartz Range, Nelson, Tophouse, etc.

3d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QZXB, QUBA, GANJ, NEY, KIV, etc.

ISCJB 03 17:49:14.1±0.5, 43.660S:0.05:172.61E:0.06, h18km, 4km, mb3.4/3, Error ellipse: s-maj=10.1km s-min=3.8km

IDC 03 17:49:14.9±1.3, 43.225S:172.34E, h0km, mb3.4/3, mb1.3/6.4, mb1mx3.5/18, mbtm3.4/4, ML3.1/1, Error ellipse: s-maj=30.8km s-min=13.1km az=147.0

NEIC 03 17:49:15.3, 43.60S:172.48E, h1km, ML4.1(WEL), After WEL.

NEIC Felt in the Christchurch area. WEL 03 17:49:15.1±0.1, 43.62S:172.49E, h4km, ML4.1/28, Error ellipse: s-maj=0.7km s-min=0.5km az=0.0

WEL Felt in the Canterbury region, maximum reported intensity MM 5.

ISC 03 17:49:14.5±0.8, 43.60S:0.04:172.57E:0.04, h16km, 5km, n60, r1506/61, mb3.3/3, 1C-4D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRLZ, MCQZ, OXZ, LTZ, RPZ, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QZRX, WKZ, PALLISER, MOIKAU STATION, etc.

SJA 03 17:50:32.0±1.2, 26.84S:66.91W, h10km, 21km, ML3.7, Catamarca Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FSA, ASSL, AHML, VCA, etc.

BUI 03 18:00:33.9, 13.00N:88.80W, h19km, mB5.5/1

CASC 03 18:00:36.9±2.4, 12.84N:88.88W, h35km, 99km, MD4.2, ML4.6

GCMT 03 18:00:36.4±0.5, 12.68N:89.07W, h45km, MW5.0/5.0, Moment Tensor Solution. s38, c48; s50, c61; Duration: 0 Moment tensor: Scale 10^18Nm; Mr4.5±2.4; Mw=3.6±0.16; Mw=0.8±0.17; Mw=0.4±0.12; Mw=1.4±1.4; Mw=0.3±0.12; Best double couple: M=4.42400x10^16 Np21.3±114.00000; s49.00000; 1.92.00000; NP2: 4.5630, Plg6.0000, Azm45.0000, N=0.2600, Plg2.0000, Azm223.0000, P=4.2850, Plg4.0000, Azm203.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 03 18:00:36.4±0.5, 13.06N:88.56W, h45km, 4km, mb4.2/19, mb1.4/2.1, mb1mx4.2/2.7, mbtm4.4/2.1, MS4.0/13, Ms1.4/0.13, ms1mx3.8/2.5 Error ellipse: s-maj=20.1km s-min=9.9km az=55.0

NEIC 03 18:00:36.4±0.3, 12.91N:88.70W, mb4.8/6.0, MD4.5(SNET), Error ellipse: s-maj=10.4km s-min=4.8km az=51.0

NEIC Felt [III] at San Salvador. ISCJB 03 18:00:37.2±0.4, 12.93N:0.04:88.78W:0.03, h68km, 2km, mb4.7/7.4, Error ellipse: s-maj=8.3km s-min=2.8km

ISC 03 18:00:36.6±0.5, 12.94N:0.05:88.81W:0.05, h47km, 4km, h47km; P-P, n409, r1512/419, mb4.8/7.4, MS4.1/12, 5C-12D, off-coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNVI, VSM, LFRS, LBRS, SNET, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTS, CMIG, TEIG, BRUJ, TBSZ, etc.

3d 18h

Table with columns for station code, name, frequency, and other parameters. Includes stations like VLX Vlachokerasia, KUBS Kucevo, DAVA Damuels, etc.

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Table with columns for station code, name, frequency, and other parameters. Includes stations like KITHIRA Kithira, KYTHA Kithira, PGB Panagyurishte, etc.

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Table with columns for station code, name, frequency, and other parameters. Includes stations like GRFO Grafenberg, GRFO Grafenberg, GRF Grafenberg Arr, etc.

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Table with columns for station code, name, frequency, and other parameters. Includes stations like HUMP Humele, ALN Alexandroupoli, AMV Amvrosios, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like IDMV, IPIR, IALA, RAYN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VOSK, VOSK, VOSK, SUMG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MK31, MK31, MKAR, MKAR, etc.

3d 18h

Table with columns: LZH, comp, E, 75nm, 7.4s, 69.15 347 P P, 18 23 28.5 +0.1, INK, comp, E, 2.2nm, 0.5s, baz=9.3, slow=6.4, SNR=1.1, 18 25 08.5 +1.0, BOS, comp, E, 2.6nm, 0.8s, baz=13, slow=7.2, SNR=3.8, 18 23 29.5 +0.1, C39A, comp, E, 15nm, 0.4s, baz=345, slow=6.3, SNR=63, 18 23 29.5 -0.3, YKA, comp, E, 3.4nm, 0.9s, baz=40, slow=5.6, SNR=34, 18 23 31.6 +0.4, YKA, comp, E, 3.4nm, 0.9s, baz=42, slow=5.6, SNR=34, 18 25 10.9 +0.4, ACSO, comp, E, 39nm, 0.8s, 69.62 306 eP P, 18 23 31.9 +0.1, ACSO, comp, E, 39nm, 0.8s, 69.62 306 eP P, 18 23 31.9 +0.1, COWI, comp, E, 77nm, 0.8s, 69.79 314 eP P, 18 23 33.2 +0.5, COWI, comp, E, 77nm, 0.8s, 69.79 314 eP P, 18 23 33.2 +0.5, BESS, comp, E, 77nm, 0.8s, 69.90 242 i/P P, 18 23 42.2 +8.3, BESS, 18 23 44.1, BESS, 18 23 52.5, BESS, 18 24 07.4, BESS, 18 24 24.5, BESS, 18 23 33.9 +0.2, EYMN, comp, E, 70, 69.95 316 P P, 18 23 33.5 -0.4, C38A, comp, E, 70, 69.97 316 P P, 18 23 33.5 -0.4, HIA, comp, Z, 61nm, 0.9s, 70.04 42 eP pmax, 18 23 35.2 +1.0, HIA, comp, Z, 61nm, 0.9s, 70.04 42 eP P, 18 23 35.2 +1.0, HIA, comp, Z, 61nm, 0.9s, 70.04 42 eP P, 18 23 35.2 +1.0, BILL, comp, Z, 60nm, 0.9s, 70.35 10c i/P P, 18 23 36.0 +0.3, BILL, comp, Z, 60nm, 0.9s, 70.35 10c i/P P, 18 23 36.0 +0.3, BILL, comp, Z, 16nm, 1.0s, 70.35 10 i/P P, 18 23 36.0 +0.3, BILL, comp, Z, 16nm, 1.0s, 70.35 10 i/P P, 18 23 36.0 +0.3, C37A, comp, Z, 16nm, 1.0s, 70.45 316 P P, 18 23 36.4 -0.3, HHC, comp, Z, 41nm, 1.1s, 70.53 53 eP P, 18 23 38.0 +0.6, HHC, 18 26 21.1 +0.2, HHC, 18 32 09.7 -3.0, HHC, 18 32 55.4 -0.1, HHC, 18 23 36.4 -0.3, ULM, comp, Z, 240nm, 7.1s, 70.75 320 P P, 18 23 38.5 +0.1, ULM, comp, Z, 240nm, 7.1s, 70.75 320 P P, 18 23 38.5 +0.1, C36A, comp, Z, 41nm, 0.8s, baz=70, SNR=7.3, 70.78 317 P P, 18 23 38.6 0.0, B35A, comp, Z, 41nm, 0.8s, baz=70, SNR=7.3, 70.86 318 P P, 18 23 39.0 -0.2, D37A, comp, Z, 41nm, 0.8s, baz=70, SNR=7.3, 70.94 316 P P, 18 23 39.7 +0.1, CELP, comp, Z, 41nm, 0.8s, baz=70, SNR=7.3, 70.95 278 eP P, 18 23 41.5 +1.4, CELP, comp, Z, 41nm, 0.8s, baz=70, SNR=7.3, 70.95 278 eP P, 18 23 41.5 +1.4, OBIP, comp, Z, 137nm, 1.5s, 70.99 278 eP P, 18 23 40.8 +0.5, OBIP, comp, Z, 137nm, 1.5s, 70.99 278 eP P, 18 23 40.8 +0.5, B34A, comp, Z, 137nm, 1.5s, 71.26 318 P P, 18 23 41.7 +0.3, D36A, comp, Z, 137nm, 1.5s, 71.26 318 P P, 18 23 42.0 +0.2, A33A, comp, Z, 137nm, 1.5s, 71.35 319 P P, 18 23 42.3 +0.3, CRPR, comp, Z, 137nm, 1.5s, 71.39 278 eP P, 18 23 42.8 +0.2, CRPR, comp, Z, 137nm, 1.5s, 71.39 278 eP P, 18 23 42.8 +0.2, KMCS, comp, Z, 137nm, 1.5s, 71.53 301 P P, 18 23 43.4 +0.2, E36A, comp, Z, 137nm, 1.5s, 71.78 316 P P, 18 23 44.8 +0.3, D35A, comp, Z, 137nm, 1.5s, 71.85 317 P P, 18 23 44.8 -0.1, A32A, comp, Z, 137nm, 1.5s, 71.92 319 P P, 18 23 45.3 0.0, AGMN, comp, Z, 137nm, 1.5s, 72.00 318 P P, 18 23 45.8 0.0, SFIN, comp, Z, 137nm, 1.5s, 72.06 308 P P, 18 23 46.1 -0.2, SFIN, comp, Z, 137nm, 1.5s, 72.06 308 eP P, 18 23 46.1 -0.2, SFIN, comp, Z, 137nm, 1.5s, 72.06 308 eP P, 18 23 46.1 -0.2, A31A, comp, Z, 137nm, 1.5s, 72.26 320 P P, 18 23 46.8 -0.4, B32A, comp, Z, 137nm, 1.5s, 72.28 319 P P, 18 23 47.2 -0.2, SEY, comp, Z, 137nm, 1.5s, 72.30 18i eP P, 18 23 48.6 +1.4, SEY, comp, Z, 137nm, 1.5s, 72.30 18i eP P, 18 23 48.6 +1.4, COLD, comp, Z, 137nm, 1.5s, 72.33 353 eP P, 18 23 48.6 +1.3, COLD, comp, Z, 137nm, 1.5s, 72.33 353 eP P, 18 23 48.6 +1.3, F36A, comp, Z, 137nm, 1.5s, 72.34 315 P P, 18 23 48.0 +0.2, SPMN, comp, Z, 137nm, 1.5s, 72.35 315 P P, 18 23 47.9 0.0, SPMN, comp, Z, 137nm, 1.5s, 72.35 315 eP P, 18 23 48.3 +0.4, SPMN, comp, Z, 137nm, 1.5s, 72.35 315 eP P, 18 23 48.3 +0.4, E35A, comp, Z, 137nm, 1.5s, 72.37 316 P P, 18 23 48.2 +0.3, SUR, comp, Z, 137nm, 1.5s, 72.39 173 eP P, 18 23 48.5 +0.2, SUR, comp, Z, 137nm, 1.5s, 72.39 173 eP P, 18 23 48.5 +0.2, D33A, comp, Z, 137nm, 1.5s, 72.75 318 P P, 18 23 50.5 +0.4, A30A, comp, Z, 137nm, 1.5s, 72.80 320 P P, 18 23 50.3 -0.1, B31A, comp, Z, 137nm, 1.5s, 72.82 319 P P, 18 23 50.5 0.0, H37A, comp, Z, 137nm, 1.5s, 72.84 313 P P, 18 23 50.4 -0.2, I38A, comp, Z, 137nm, 1.5s, 72.84 313 P P, 18 23 50.6 -0.1, G36A, comp, Z, 137nm, 1.5s, 72.86 315 P P, 18 23 51.3 +0.5, WCI, comp, Z, 137nm, 1.5s, 72.88 306 eP pmax, 18 23 51.3 +0.2, WCI, comp, Z, 137nm, 1.5s, 72.88 306 eP P, 18 23 51.3 +0.2, WCI, comp, Z, 137nm, 1.5s, 72.88 306 eP P, 18 23 51.3 +0.2, XAN, comp, Z, 137nm, 1.5s, 72.90 60 P PMZ, 18 23 51.8 +0.5, XAN, comp, Z, 137nm, 1.5s, 72.90 60 P PMZ, 18 23 51.8 +0.5, F35A, comp, Z, 137nm, 1.5s, 72.91 316 P P, 18 23 50.9 -0.2, B30A, comp, Z, 137nm, 1.5s, 73.14 320 P P, 18 23 52.5 +0.1, E33A, comp, Z, 137nm, 1.5s, 73.24 317 P P, 18 23 53.0 0.0, A29A, comp, Z, 137nm, 1.5s, 73.27 320 P P, 18 23 53.3 +0.2, HDIL, comp, Z, 137nm, 1.5s, 73.27 309 P P, 18 23 53.1 -0.1, C31A, comp, Z, 137nm, 1.5s, 73.28 319 P P, 18 23 52.8 -0.4, J38A, comp, Z, 137nm, 1.5s, 73.38 313 P P, 18 23 53.0 -0.9, H36A, comp, Z, 137nm, 1.5s, 73.38 315 P P, 18 23 54.3 +0.5, I37A, comp, Z, 137nm, 1.5s, 73.45 314 P P, 18 23 53.9 -0.3, B29A, comp, Z, 137nm, 1.5s, 73.64 320 P P, 18 23 55.8 +0.6, OLIL, comp, Z, 137nm, 1.5s, 73.68 307 eP P, 18 23 55.7 0.0, OLIL, comp, Z, 137nm, 1.5s, 73.68 307 eP P, 18 23 55.6 0.0, C30A, comp, Z, 137nm, 1.5s, 73.72 319 P P, 18 23 55.7 0.0

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Table with columns: A28A, Rude Farm, Bot, 73.78 321 P P, 18 23 56.3 +0.2, H35A, Sunnyside Ranc, 73.80 315 P P, 18 23 56.4 +0.2, BJL, Beijing, 73.81 51 P PMZ, 18 23 57.0 +0.7, BJT, comp, Z, 50nm, 1.0s, 73.82 51 eP pmax, 18 23 57.0 +0.6, BJT, comp, Z, 120nm, 1.4s, 73.82 51 eP P, 18 23 57.0 +0.6, BJT, comp, Z, 120nm, 1.4s, 73.82 51 eP P, 18 23 57.0 +0.6, F33A, Mile Ranch, 73.83 317 P P, 18 23 56.3 -0.1, USIN, University of, 73.89 306 eP P, 18 23 56.7 -0.1, USIN, University of, 73.89 306 eP P, 18 23 56.7 -0.1, KMI, Kunning, 73.93 71 P P, 18 23 57.9 +0.3, KMI, comp, Z, 20nm, 0.8s, 73.93 71 P PMZ, 18 23 57.9 +0.3, SDDR, Presa de Saban, 73.97 281 eP P, 18 23 59.3 +1.7, SDDR, Presa de Saban, 73.97 281 eP P, 18 23 59.3 +1.7, K38A, Parkersburg, 73.98 312 P P, 18 23 56.8 -0.5, GOGA, Godfrey, 73.98 300 eP pmax, 18 23 57.7 +0.2, GOGA, comp, Z, 10.0nm, 0.8s, 73.98 300 eP P, 18 23 57.7 +0.2, GOGA, Godfrey, 73.98 300 eP P, 18 23 57.7 +0.2, J37A, Redenius Farm, 73.99 313 P P, 18 23 57.2 -0.2, DAWY, Dawson, 74.01 348 eP P, 18 23 58.6 +1.5, DAWY, Dawson, 74.01 348 eP P, 18 23 58.6 +1.5, B28A, Dugan Ranch, T, 74.14 321 P P, 18 23 58.8 +0.5, E31A, Nome, 74.18 318 P P, 18 23 58.4 0.0, D30A, Buchanan, 74.26 319 P P, 18 23 59.3 +0.5, CMAI, Chingmai2, 74.33 77 P P, 18 24 00.3 +0.5, ILAR, Eielson Array, 74.38 351 P P, 18 23 59.7 +0.6, ILAR, comp, Z, 1.1nm, 0.7s, baz=354, slow=5.4, SNR=1.7, 18 25 40.5 +0.5, K37A, Belmont, 74.39 313 P P, 18 23 59.2 -0.4, J36A, Seneca 1, Swea, 74.42 314 P P, 18 23 59.6 -0.1, MHMT, Maesarieng, 74.55 79 P P, 18 24 01.2 +0.3, A26A, Wade Farm, Ken, 74.64 322 P P, 18 24 01.9 +1.0, D29A, Pettibone, Tap, 74.71 319 P P, 18 24 01.7 +0.3, E30A, Jud, 74.74 318 P P, 18 24 01.5 -0.1, H33A, Pre Over Nor, 74.83 316 P P, 18 24 02.5 +0.4, CHTO, Chiang Mai, 74.93 78 P P, 18 24 02.9 -0.1, CHTO, Chiang Mai, 74.93 78 eP P, 18 24 02.7 -0.3, CHTO, comp, Z, 33nm, 1.1s, 74.93 78 eP P, 18 24 02.7 -0.3, CHTO, comp, Z, 33nm, 1.1s, 74.93 78 eP P, 18 24 02.7 -0.3, K36A, Gilmore City, 74.93 313 P P, 18 24 02.5 -0.1, CMMT, Chiang Mai, 74.93 78 P P, 18 24 02.9 -0.2, E29A, Napoleon, 75.07 319 P P, 18 24 03.6 +0.2, WVT, Waverly, 75.14 305 eP pmax, 18 24 03.1 -0.8, WVT, comp, Z, 4.0nm, 0.4s, 75.14 305 eP P, 18 24 03.1 -0.8, WVT, comp, Z, 4.0nm, 0.4s, 75.14 305 eP P, 18 24 03.1 -0.8, WVT, comp, Z, 4.1nm, 0.4s, 75.14 305 P P, 18 24 04.2 0.0, CMAI, Chiang Mai Arr, 75.14 78 eP P, 18 24 04.1 -0.1, CMAI, comp, Z, 18nm, 0.8s, baz=306, slow=7.1, SNR=88, 75.14 78 eP pmax, 18 24 04.1 -0.1, CMAI, comp, Z, 18nm, 0.8s, 75.14 78 eP P, 18 24 04.1 -0.1, J34A, George, 75.34 315 P P, 18 24 05.3 +0.4, ECSD, EROS Data Cent, 75.39 315 P P, 18 24 05.6 +0.3, ECSD, EROS Data Cent, 75.39 315 eP P, 18 24 05.6 +0.3, ECSD, EROS Data Cent, 75.39 315 eP P, 18 24 05.6 +0.3, M37A, Trindle Farm, 75.51 312 P P, 18 24 06.4 +0.5, ENH, Enshi, 75.57 63 eP P, 18 24 06.6 +0.1, ENH, Enshi, 75.57 63 eP P, 18 24 06.6 +0.1, E28A, Hut, 75.59 319 P P, 18 24 06.7 +0.4, B25A, Knox Farm, Ray, 75.61 322 P P, 18 24 07.3 +0.9, LAMP, Lampang, 75.62 78 P P, 18 24 07.3 +0.4, D27A, Center, 75.64 320 P P, 18 24 07.6 +1.1, KLR, Kul'dur, 75.90 36 eP P, 18 25 49.2 -0.9, KLR, 75.90 36 eP pmax, 18 25 49.2 -0.9, DGMT, Dagmar, 75.96 323 P P, 18 24 09.1 +0.7, N37A, Lee Faris, Mou, 76.02 312 P P, 18 24 08.5 -0.2, CCM, Cathedral Cave, 76.03 308 eP pmax, 18 24 08.7 -0.1, CCM, comp, Z, 29nm, 1.0s, 76.03 308 eP P, 18 24 08.7 -0.1, CCM, comp, Z, 29nm, 1.0s, 76.03 308 eP P, 18 24 08.7 -0.1, E27A, Carson, 76.13 320 P P, 18 24 10.3 +0.9, D26A, Manning, 76.14 321 P P, 18 24 10.3 +1.0, F28A, McLaughlin, 76.15 319 P P, 18 24 09.7 +0.3, SUSD, South Dakota S, 76.17 317 P P, 18 24 10.7 +1.2, M35A, Neola, 76.39 313 P P, 18 24 11.1 +0.2, L34A, Svendsen Farm, 76.44 314 P P, 18 24 11.3 +0.2, UMPA, Umpang Tak, 76.45 80 P P, 18 24 13.4 +1.8, D25A, Fairchild, 76.48 321 P P, 18 24 12.3 +1.0, LRAL, Lakeview Retre, 76.54 302 eP P, 18 24 11.6 -0.2, LRAL, Lakeview Retre, 76.54 302 eP P, 18 24 11.6 -0.2, E26A, Carison Angus, 76.54 320 P P, 18 24 12.5 +0.8, CN2, Changchun, 76.59 44 eP P, 18 24 10.6 -1.3, NKLL, Nikolayevsk, 76.68 29 eP P, 18 24 12.9 +0.8, NKLL, Nikolayevsk, 76.68 29 eP P, 18 24 12.9 +0.8, F27A, Lemmon, 76.74 320 P P, 18 24 14.0 +1.2, PPLA, Purkeypyle, 76.75 353 eP P, 18 24 13.2 +0.6, PPLA, Purkeypyle, 76.75 353 eP P, 18 24 13.2 +0.6, L33A, Hoskins, 76.80 314 P P, 18 24 13.1 -0.1, TIA, Tai'an, 76.82 54 i/P P, 18 24 13.5 +0.2

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Table with columns: TIA, comp, Z, 50nm, 1.1s, 76.83 316 P P, 18 24 12.8 -0.4, J31A, Geddes, 76.83 316 P P, 18 24 12.8 -0.4, K32A, Verdige, 76.85 315 P P, 18 24 13.0 -0.4, O36A, Bolckow, 76.87 312 P P, 18 24 13.5 +0.1, M34A, Aspy Farms, Fr, 76.87 313 P P, 18 24 13.3 -0.2, SNY, Shenyang, 76.92 46 i/P P, 18 24 14.0 +0.3, SNY, comp, Z, 46nm, 0.9s, 76.92 46 i/P PMZ, 18 24 14.0 +0.3, E25A, Miller Ranch, 76.98 321 P P, 18 24 13.8 -0.2, G27A, Dupree, 77.05 319 P P, 18 24 14.9 +0.5, H28A, Mission Ridge, 77.08 318 P P, 18 24 15.2 +0.7, F26A, Lodgepole, 77.08 320 P P, 18 24 14.4 -0.3, OXF, Oxford, 77.16 304 eP pmax, 18 24 14.4 -0.7, OXF, comp, Z, 45nm, 0.9s, 77.16 304 eP P, 18 24 14.4 -0.7, OXF, comp, Z, 45nm, 0.9s, 77.16 304 eP P, 18 24 14.4 -0.7, OXF, comp, Z, 45nm, 0.9s, 77.16 304 eP P, 18 24 14.4 -0.7, I29A, Vivian Oxford, 77.16 317 P P, 18 24 16.0 +1.0, J30A, Dallas, 77.21 316 P P, 18 24 15.7 +0.3, N34A, Lincoln, 77.27 313 P P, 18 24 15.5 -0.2, UTHA, Uthaitani, 77.29 80 P P, 18 24 16.4 +0.3, K31A, O'Brien, 77.30 315 P P, 18 24 16.1 +0.3, L32A, Elgin, 77.32 315 P P, 18 24 16.1 +0.1, O35A, Humboldt, 77.32 312 P P, 18 24 15.7 -0.2, P36A, Good Intent, A, 77.34 311 P P, 18 24 16.3 +0.2, Q37A, Longview Farm, 77.40 310 P P, 18 24 16.4 0.0, F25A, Bowman, 77.42 320 P P, 18 24 16.4 -0.1, G26A, Maurine, 77.44 319 P P, 18 24 16.9 +0.4, LOEI, Loe, 77.46 78 P P, 18 24 18.4 +1.3, J29A, Kreek, 77.60 317 P P, 18 24 17.8 +0.4, I28A, Midland, 77.62 318 P P, 18 24 18.0 +0.4, H27A, Howes, 77.64 319 P P, 18 24 18.0 +0.3, L31A, Butterfield Fa, 77.65 315 P P, 18 24 17.9 +0.2, K30A, Basset, 77.72 316 P P, 18 24 18.7 +0.6, SRDT, SRDT, 77.79 82 P P, 18 24 19.3 +0.4, BGNE, Belgrade, 77.80 314 P P, 18 24 18.8 +0.3, BGNE, Belgrade, 77.80 314 eP P, 18 24 19.5 +0.9, BGNE, comp, Z, 108nm, 1.0s, 77.80 314 eP P, 18 24 19.5 +0.9, O34A, Beatrice, 77.82 313 P P, 18 24 18.7 +0.1, PBKT, Sadoo Pong, 77.82 79 P P, 18 24 19.9 +0.9, P35A, Duane Minner, 77.87 312 P P, 18 24 19.0 0.0, Q36A, Arnold C. Orve, 77.93 311 P P, 18 24 19.4 +0.1, HABR, Khabarovsk, 77.94 35c eP P, 18 24 18.5 -0.6, HABR, 18 24 26.0, HABR, 18 26 00.8 -0.3, HABR, 18 27 22.2, HABR, 18 33 32.8 -0.4, HABR, 18 33 53.4, HABR, 18 38 47.4 +2.0, HABR, 18 42 16.6, HABR, comp, Z, 26nm, 1.3s, 77.94 35 eP pmax, 18 24 18.5 -0.6, HABR, comp, E, 35nm, 2.4s, 77.94 35 eP pmax, 18 24 18.5 -0.6, HABR, comp, N, 30nm, 2.4s, 77.94 35 eP pmax, 18 24 18.5 -0.6, HABR, comp, Z, 175nm, 19.0s, 77.94 35 eP P, 18 24 18.5 -0.6, HABR, comp, Z, 30nm, 2.4s, 77.94 35 eP P, 18 24 18.5 -0.6, R37A, Teagarden Farm, 77.99 310 P P, 18 24 19.7 +0.1, I27A, Quinn, 78.03 318 P P, 18 24 20.9 +1.1, K29A, Lazy Trails An, 78.04 316 P P, 18 24 21.1 +1.2, J28A, Allard Ranch, 78.06 317 P P, 18 24 21.1 +1.2, LAO, LASA Array, 78.20 322 P P, 18 24 21.9 +1.3, L30A, Spencer Herefo, 78.28 315 P P, 18 24 22.2 +0.9, M31A, Lambrecht Ranc, 78.30 315 P P, 18 24 22.1 +0.8, P34A, Walnut Farm, R, 78.32 312 P P, 18 24 22.1 +0.7, Q35A, Mercer Eighty, 78.33 311 P P, 18 24 21.5 0.0, S37A, Fort Scott, 78.36 310 P P, 18 24 21.6 -0.1, R36A, Gordon, Harris, 78.38 311 P P, 18 24 21.5 -0.3, O33A, Hebron, 78.39 313 P P, 18 24 21.5 -0.3, H25A, Fruitdale, 78.42 319 P P, 18 24 22.4 +0.5, I26A, New Underwood, 78.47 319 P P, 18 24 22.5 +0.4, KSU1, Kansas State U, 78.50 312 P P, 18 24 22.5 +0.2, KSU1, Kansas State U, 78.50 312 eP P, 18 24 22.9 +0.5, KSU1, Kansas State U, 78.50 312 eP P, 18 24 22.9 +0.5, J27A, Elkhorn Farm, 78.58 318 P P, 18 24 23.9 +1.0, L29A, Maesberg Ranch, 78.61 316 P P, 18 24 24.2 +1.2, K28A, Ten Mile Ranch, 78.63 317 P P, 18 24 24.3 +1.3, M30A, Dale-Ortello V, 78.65 315 P P, 18 24 24.1 +0.9, O32A, Brockman Farm, 78.65 313 P P, 18 24 24.0 +0.8, R35A, Emporia Munici, 78.79 311 P P, 18 24 24.3 +0.4, Q34A, Chapman, 78.81 312 P P, 18 24 24.4 +0.3, EGMT, Eagleton, 78.81 325 P P, 18 24 25.0 +1.0, UALR, University of, 78.83 306 eP P, 18 24 24.8 +0.6, UALR, comp, Z, 60nm, 1.0s, 78.83 306 eP P, 18 24 24.8 +0.6, S36A, Lake Cedric, C, 78.83 310 P P, 18 24 24.2 0.0, T37A, Cheneyville 18, 78.84 309 P P, 18 24 24.4 +0.2, P33A, Williams Farm, 78.89 313 P P, 18 24 24.8 +0.4, I25A, Rochford, 78.92 319 P P, 18 24 25.9 +1.1, U38A, Graveleyevsk, 78.98 308 P P, 18 24 25.0 0.0, RSSD, Black Hills, 79.00 319 eP pmax, 18 24 26.2 +1.0, RSSD, comp, Z, 60nm, 0.8s, 79.00 319 eP P, 18 24 26.2 +1.0, RSSD, comp, Z, 60nm, 0.8s, 79.00 319 eP P, 18 24 26.2 +1.0, RSSD, comp, Z, 60nm, 0.8s, 79.00 319 eP P, 18 24 26.2 +1.0

CHAI	Chaiyaphum	79.00	79	P	P	18 24 25.5 +0.1
J26A	Sides Ranch, S	79.09	318	P	P	18 24 26.3 +0.7
M29A	Burnside Ranch	79.16	316	P	P	18 24 26.5 +0.6
Q33A	Connelly Farm,	79.27	312	P	P	18 24 27.1 +0.6
P32A	Hufling Farm,	79.27	313	P	P	18 24 27.1 +0.5
N30A	Hueftle Ranch,	79.29	315	P	P	18 24 27.0 +0.3
S35A	Otter Creek Ra	79.29	310	P	P	18 24 26.6 0.0
VBMS	Vicksburg	79.34	303	P	P	18 24 26.8 -0.1
KHON	Khomkaen	79.36	78	P	P	18 24 28.5 +1.3
V38A	Canehill	79.37	308	P	P	18 24 26.5 -0.6
BDFB	Brasilia	79.40	239	P	P	18 24 28.0 +0.5
BDFB	Brasilia	79.40	239	P	P	18 24 28.0 +0.5
J25A	Sunshine Ranch	79.40	319	P	P	18 24 27.6 +0.4
R34A	Isabella, Hill	79.41	311	P	P	18 24 27.7 +0.5
U37A	Salina	79.44	309	P	P	18 24 27.5 +0.1
T36A	Boggs Farm, Ca	79.45	310	P	P	18 24 27.6 +0.2
USRK	Ussuriysk Ar-	79.65	40	P	P	18 24 28.5 +0.1
USRK	comp-Z,19nm,0.8s,baz=299,slow=4.7,SNR=333			PP	PP	18 27 27.2 -9.3
Q32A	Mettler Ranch,	79.68	313	P	P	18 24 28.6 -0.1
SDV	Santo Domingo	79.69	273	eP	P	18 24 29.7 +0.4
SDV	Santo Domingo	79.69	273	eP	P	18 24 29.7 +0.4
O30A	NW Ranch, Wils	79.69	314	P	P	18 24 29.1 +0.4
S34A	Willow Spring	79.74	311	P	P	18 24 29.3 +0.3
MIAR	Mount Ida	79.74	307	eP	P	18 24 29.7 +0.7
MIAR	comp-Z,64nm,1.1s			P	P	18 24 29.5 +0.5
MIAR	Mount Ida	79.74	307	eP	P	18 24 29.7 +0.7
MIAR	Mount Ida	79.74	307	eP	P	18 24 29.7 +0.7
P31A	Stockton	79.78	313	P	P	18 24 29.5 +0.3
WALA	Waterton Lakes	79.78	328	eP	P	18 24 28.9 -0.2
WALA	Waterton Lakes	79.78	328	eP	P	18 24 28.9 -0.2
V37A	Hulbert	79.80	308	P	P	18 24 29.2 -0.1
U36A	Oologah	79.81	309	P	P	18 24 29.4 0.0
R33A	Olander Ranch,	79.83	312	P	P	18 24 29.6 +0.1
T35A	Sooner Cattle	79.92	310	P	P	18 24 30.1 +0.2
W38A	Poteau	79.97	308	P	P	18 24 30.3 +0.1
O29A	4D Ranch, Culb	80.14	315	P	P	18 24 31.9 +0.8
Q31A	Ellis	80.14	313	P	P	18 24 31.8 +0.7
N28A	Pribbeno Ranch	80.14	316	P	P	18 24 31.8 +0.7
R32A	Long Quarter,	80.16	312	P	P	18 24 31.8 +0.6
TUL1	Tulsa	80.17	309	P	P	18 24 31.7 +0.4
TUL1	Tulsa	80.17	309	eP	P	18 24 31.7 +0.4
OGNE	Ogallala	80.23	316	P	P	18 24 31.8 +0.2
P30A	Selden	80.24	314	P	P	18 24 32.5 +0.9
T34A	McClaskey Farm	80.25	310	P	P	18 24 32.3 +0.6
S33A	Kaszaul Farm,	80.33	311	P	P	18 24 33.0 +0.9
V36A	Jenks	80.35	309	P	P	18 24 32.5 +0.3
U35A	Pawnee	80.42	310	P	P	18 24 33.5 +1.0
X38A	Whitesboro	80.43	307	P	P	18 24 33.5 +0.8
GCMT	Greycliff	80.46	323	eP	P	18 24 34.2 +1.4
GCMT	Greycliff	80.46	323	eP	P	18 24 34.2 +1.4
Y39A	Locksburg	80.47	306	P	P	18 24 33.6 +0.8
CBKS	Cedar Bluff	80.47	313	P	P	18 24 33.2 +0.4
W37A	Quinton	80.47	308	P	P	18 24 33.1 +0.2
P29A	Atwood Lake	80.58	314	P	P	18 24 33.7 +0.3
NJ2	Nanjing	80.62	56	eP	PMZ	18 24 34.0 +0.4
Q30A	Quintan	80.62	314	P	P	18 24 33.5 -0.1
O28A	Krutsinger Ran	80.67	315	P	P	18 24 34.8 +0.9
R31A	Burdett	80.72	313	P	P	18 24 34.6 +0.5
S32A	Newby Ranch, P	80.79	312	P	P	18 24 35.1 +0.6
BLMT	Blacktail Moun	80.79	327	eP	P	18 24 35.8 +1.3
BLMT	Blacktail Moun	80.79	327	eP	P	18 24 35.9 +1.3
X37A	Clayton	80.81	308	P	P	18 24 35.1 +0.5
T33A	Patterson Ranc	80.82	311	P	P	18 24 34.8 +0.2
U34A	Anderson Ranch	80.85	310	P	P	18 24 35.8 +1.0
U34A	Anderson Ranch	80.85	310	eP	P	18 24 36.1 +1.3
U34A	Anderson Ranch	80.85	310	eP	P	18 24 36.1 +1.3
Y38A	Idabel	80.86	307	P	P	18 24 35.9 +1.0
V35A	Meyer Ranch, C	80.90	309	P	P	18 24 35.5 +0.5
W36A	Wetumka	80.96	309	P	P	18 24 35.7 +0.3
JTMT	Jette	80.97	327	eP	P	18 24 36.5 +1.1
JTMT	Jette	80.97	327	eP	P	18 24 36.5 +1.1
Z39A	Irene McRaven,	80.98	306	P	P	18 24 36.6 +1.0
SWMT	Swartz Lake	81.03	327	eP	P	18 24 36.8 +1.1
SWMT	Swartz Lake	81.03	327	eP	P	18 24 36.9 +1.1
P28A	Saint Francis	81.05	315	P	P	18 24 37.2 +1.3
Q29A	Oakley	81.11	314	P	P	18 24 37.1 +0.9
R30A	Dighton	81.14	313	P	P	18 24 37.6 +1.2
T32A	Huddler Ranch,	81.14	312	P	P	18 24 37.3 +0.9
S31A	Mullinville	81.16	312	P	P	18 24 36.9 +0.5
CHMT	Chamberlain Mo	81.18	326	eP	P	18 24 37.1 +0.5
CHMT	Chamberlain Mo	81.18	326	eP	P	18 24 37.1 +0.5
U33A	Lingo Farm, Me	81.19	311	P	P	18 24 37.1 +0.5
V34A	Guthrie	81.25	310	P	P	18 24 37.8 +0.9

V34A	Guthrie	81.25	310	eP	P	18 24 38.2 +1.3
V34A	Guthrie	81.25	310	eP	P	18 24 38.2 +1.3
K22A	Casper	81.31	320	P	P	18 24 37.5 +0.2
K22A	Casper	81.31	320	eP	P	18 24 38.0 +0.7
K22A	Casper	81.31	320	eP	P	18 24 38.0 +0.7
W35A	Tecumseh	81.33	309	P	P	18 24 37.7 +0.3
Y37A	Hugo	81.38	307	P	P	18 24 38.6 +1.0
X36A	Centrahoma	81.42	308	P	P	18 24 38.3 +0.6
Q28A	Sharon Springs	81.45	315	P	P	18 24 39.1 +1.0
BOZ	Bozeman (W)	81.46	324	eP	P	18 24 39.3 +1.3
BOZ	Bozeman (W)	81.46	324	eP	P	18 24 39.6 +1.6
BOZ	Bozeman (W)	81.46	324	eP	P	18 24 39.3 +1.3
BOZ	Bozeman (W)	81.46	324	eP	P	18 24 39.3 +1.3
Z38A	Mt. Pleasant	81.48	306	P	P	18 24 38.9 +0.9
139A	Bunkhouse Ranc	81.49	306	P	P	18 24 39.0 +0.8
R29A	Marienthal	81.52	314	P	P	18 24 39.4 +1.0
MSO	Missoula	81.55	326	P	P	18 24 40.1 +1.7
INCN	Inchon	81.61	48	eP	P	18 24 39.3 +0.5
INCN	Inchon	81.61	48	eP	P	18 24 39.3 +0.5
LRM	Limekiln Ridge	81.69	325	eP	P	18 24 40.2 +0.9
LRM	Limekiln Ridge	81.69	325	eP	P	18 24 40.2 +0.9
S30A	Montezuma	81.70	313	P	P	18 24 40.4 +1.1
NEW	Newport	81.70	329	P	P	18 24 40.1 +1.0
V33A	Lossen Ranch,	81.71	310	P	P	18 24 40.4 +1.0
LKWY	Lake	81.73	323	eP	P	18 24 40.2 +0.6
LKWY	Lake	81.73	323	eP	P	18 24 40.2 +0.6
LKWY	Lake	81.73	323	eP	P	18 24 40.2 +0.6
U32A	Winter Ranch,	81.74	311	P	P	18 24 40.9 +1.4
PHWY	Pilot Hill	81.76	318	eP	P	18 24 40.9 +1.1
PHWY	Pilot Hill	81.76	318	eP	P	18 24 40.9 +1.1
W34A	Bridge Creek,	81.81	309	P	P	18 24 40.7 +0.9
Y36A	Durant	81.83	308	P	P	18 24 40.7 +0.8
Z37A	Pogue Cattle C	81.91	307	P	P	18 24 40.9 +0.6
X35A	Drake	81.91	308	P	P	18 24 40.8 +0.5
YMR	Madison River	81.91	323	eP	P	18 24 42.5 +2.1
KSCO	Kaye Shedlock'	81.92	315	P	P	18 24 41.7 +1.2
KSCO	Kaye Shedlock'	81.92	315	eP	P	18 24 42.0 +1.5
KSCO	Kaye Shedlock'	81.92	315	eP	P	18 24 42.0 +1.5
138A	Matatalert	81.94	306	P	P	18 24 41.5 +1.0
H17A	Grant Village	81.94	323	P	P	18 24 42.9 +2.3
H17A	Grant Village	81.94	323	eP	P	18 24 43.6 +3.0
H17A	Grant Village	81.94	323	eP	P	18 24 43.6 +3.0
R28A	Tribune	81.95	314	P	P	18 24 41.8 +1.2
QLMT	Earthquake Lak	82.00	324	eP	P	18 24 42.4 +1.5
QLMT	Earthquake Lak	82.00	324	eP	P	18 24 42.4 +1.5
YFT	Old Faithful	82.02	323	eP	P	18 24 44.2 +3.2
YFT	Old Faithful	82.02	323	eP	P	18 24 44.2 +3.2
S29A	Ulysses	82.08	313	P	P	18 24 42.4 +1.1
DLMT	Dillon	82.11	325	eP	P	18 24 42.8 +1.5
DLMT	Dillon	82.11	325	eP	P	18 24 42.8 +1.5
V32A	Arapaho	82.22	311	P	P	18 24 42.9 +1.0
FLWY	Flagg Ranch	82.24	323	eP	P	18 24 44.3 +2.2
FLWY	Flagg Ranch	82.24	323	eP	P	18 24 44.3 +2.2
PETK	Petropavlovsk-	82.27	21	P	P	18 24 41.9 +0.1
W33A	Caddo, Fort Co	82.28	310	P	P	18 24 43.7 +1.4
X34A	Smith Ranch, M	82.29	309	P	P	18 24 43.1 +0.9
Y35A	Marietta	82.29	308	P	P	18 24 43.4 +1.1
N23A	Red Feather La	82.31	318	P	P	18 24 43.8 +1.2
KSAR	Wonju Array Be	82.35	47	P	*SP	18 24 43.1 +0.6
KSAR	Wonju Array Be	82.35	47	P	SP	18 27 16.4 +2.0
KSAR	Wonju Array Be	82.35	47	P	SP	18 24 43.1 +0.6
KSAR	Wonju Array Be	82.35	47	P	SP	18 27 16.4 +2.0
Z36A	Blue Ridge	82.35	307	P	P	18 24 43.8 +1.2
KSR5	Korea Array	82.36	47	P	P	18 24 43.1 +0.6
KSR5	comp-Z,1.0nm,0.7s,baz=318,slow=8.6,SNR=25			SP	SP	18 27 16.4 +2.0
KSR5	comp-Z,1.4nm,0.9s,baz=347,slow=5.0,SNR=2.8			PP	PP	18 27 51.2 -7.7
137A	Heron Place, G	82.39	306	P	P	18 24 44.1 +1.3
YSS	Yuzh-Sakhalins	82.40	32	eP	P	18 24 42.2 -0.4
YSS	comp-Z,100nm,0.8s			P	P	18 24 42.2 -0.4
YSS	Yuzh-Sakhalins	82.40	32	eP	P	18 24 42.2 -0.4
IMW	Indian Meadow	82.49	323	eP	P	18 24 45.6 +2.1
IMW	Indian Meadow	82.49	323	eP	P	18 24 45.6 +2.1
T29A	Hugoton	82.51	313	P	P	18 24 44.7 +1.3
MOOW	Moose Ponds	82.51	323	eP	P	18 24 44.9 +1.4
MOOW	Moose Ponds	82.51	323	eP	P	18 24 44.9 +1.4
R27A	Eads	82.54	315	P	P	18 24 44.7 +1.1
S28A	Manter	82.54	314	P	P	18 24 44.9 +1.3
LOHW	Long Hollow	82.55	323	eP	P	18 24 45.3 +1.6
LOHW	Long Hollow	82.55	323	eP	P	18 24 45.3 +1.6
PET	Petropavlovsk	82.60	20	eP	P	18 24 44.2 +0.8
PET	comp-Z,150nm,1.7s			P	P	18 24 44.2 +0.8
PET	Petropavlovsk	82.60	20	eP	P	18 24 44.2 +0.8
Y34A	Reagan Ranch,	82.68	309	P	P	18 24 45.2 +0.9
BW06	Boulder Array	82.70	321	eP	P	18 24 45.0 +0.5

BW06	Boulder Array	82.70	321	eP	P	18 24 45.0 +0.5
SNOW	Snow King Moun	82.74	323	eP	P	18 24 46.1 +1.4
SNOW	Snow King Moun	82.74	323	eP	P	18 24 46.1 +1.4
WMOK	Wichita Moun	82.75	310	eP	P	18 24 45.9 +1.2
WMOK	Wichita Moun	82.75	310	eP	P	18 24 45.8 +1.2
WMOK	Wichita Moun	82.75	310	eP	P	18 24 45.9 +1.2
W32A	Hugoton	82.76	310	eP	P	18 24 45.8 +1.1
TJN	Taejon	82.81	48	eP	P	18 24 45.3 +0.5
TJN	Taejon	82.81	48	eP	P	18 24 45.3 +0.5
TPAW	Teton Pass	82.81	323	eP	P	18 24 46.4 +1.3
TPAW	Teton Pass	82.81	323	eP	P	18 24 46.4 +1.3
Z35A	Perchaven, San	82.81	308	P	P</	

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like Z30A Sanderson Ranch, 433A Burne, 434A Richland Sprin, etc.

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like 121A Cookes Peak, M02C Callahan, N02D Trinity Center, etc.

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, KMB0 Kilima Mboogo, CPUB Yalla Florida, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

JMA 03 21:23:42.4, 0.2, 22.82N, 121.04E, h49km, M3.4
ISC/JB 03 21:23:44.4, 0.3, 22.79N, 121.02E, 121.41E, 0.02, h22km, 3km,
Error ellipse: s-maj=3.5km s-min=2.8km az=10.1

TAP 03 21:23:45.1, 22.84N, 121.31E, h20km, ML3.5, B
ISC 03 21:23:44.6, 0.2, 22.82N, 121.38E, 0.02, h22km, 2km,
s=5.8, e=0.86, 11C, 5D, Taiwan region

Main table for 145 stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, ISC, Op, Phase ID, and other parameters. Includes stations like TTT Taitung, CHKT Chengkung, TWG Pinlang, etc.

Main table for 2010 NOV stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, ISC, Op, Phase ID, and other parameters. Includes stations like WKG Gukeng, SMLT Sun Moon Lake, TYC Yuchr, etc.

Main table for 3d 21h stations with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, ISC, Op, Phase ID, and other parameters. Includes stations like IGT Kozani, KZN Kozani, SGT Sagiada, etc.

Table with columns: STA, Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like NORSAR Array B, BUR04 Bucovina Ar. S, CONA Conrad Observa, etc.

WEL 03 22:18:39.4-0.3, 38°38'S-178°60'E, h27km, 2km, ML3.5/4, 7C-1D, Error ellipse: s-maj=1.3km s-min=1.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like CNGZ Carnagh Statio, PUZ Puketiti, TWGZ Tauwhareparea, etc.

DDA 03 22:19:40.8, 38°68'N-26°67'E, h23km, Md3.0 CSEM 03 22:19:41.6, 0.1, 38°66'N-26°69'E, h12km, MD3.0, Error ellipse: s-maj=2.7km s-min=2.5km az=52.0

ISK 03 22:19:41.1, 38°68'N-26°73'E, h13km, MD2.9 ISCBJ 03 22:19:41.3, 0.4, 38°66'N-02°26'68"E, 0.03, h9km, 3km, Error ellipse: s-maj=3.4km s-min=2.6km az=160.0

THE 03 22:19:41.6, 38°65'N-26°68'E, h6km, 1km, MD2.5/4, Error ellipse: s-maj=6.8km s-min=0.8km az=267.0

ATH 03 22:19:41.4, 38°65'N-26°68'E, h19km, 1km, MD3.0/5, Error ellipse: s-maj=6.8km s-min=0.8km az=267.0

ISC 03 22:19:41.6-0.9, 38°66'N-02°26'71"E, 0.02, h16km, 8km, n55, c0545/96, Aegean Sea

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like URLA Izmir, UZLA Izmir, UZLA UZLA, etc.

Table with columns: STA, Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like KNL Baf-kesir, DST Dursunbey, SART Dursunbey, etc.

WEL 03 22:21:55.7-0.1, 43°60'S-172°28'E, h5km, ML3.5/14, 3C-2D, Error ellipse: s-maj=1.1km s-min=1.0km az=0.0, South Island

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

BJI 03 22:24:42.9, 12°40'N, 123°14'E, h28km, mb4.8/64, mb5.0/51, 38/68, M5.7, 4.5/65

IDC 03 22:24:43.6-0.4, 12°74'N, 123°01'E, h0km, mb4.6/33, mb1.4/36, mb1mx4.6/41, mb1mp4.6/36, ML4.4/3, MS4.3/28, M5.4/3.28, ms1mx4.2/44, Error ellipse: s-maj=14.6km s-min=9.3km az=74.0

BKK 03 22:24:45.6-0.4, 13°N, 123°3'E, h10km, M4.7/32, mb5.3/14, mb5.0/32, Mw(MB)7.1/4

MOS 03 22:24:46.9-1.1, 12°77'N, 123°03'E, h33km, mb5.2/34, MS4.6/6, Error ellipse: s-maj=10.5km s-min=5.3km az=118.6

MAN 03 22:24:46, 12°79'N, 122°95'E, h23km, mb5.7, ML4.8, MS5.2 MAN INTENSITY III - SORSOGON CITY LEGASPI CITY TABACO ALABAY, STA MERCADERES SOTO DOMINGO ALBAY, INTENSITY II - LIGNON HILL SAN JACINTO

ALBAY ISLAND: INTENSITY I - MASBATE CITY, ISCBJ 03 22:24:47.3-0.3, 12°79'N, 123°01'E, 0.02, h33km, 3km, mb5.0/138, MS4.4/33, Error ellipse: s-maj=3.8km s-min=2.6km az=156.3

NEIC 03 22:24:51.2-0.6, 12°75'N, 123°00'E, h57km, 5km, mb5.0/50, Error ellipse: s-maj=5.6km s-min=3.3km az=79.0

NEIC Felt (III PIVS) at San Pascual, (II PIVS) at San Jacinto and (I PIVS) at Masbate. Also Felt (III PIVS) at Legaspi, Santa Misericordia, Santo Domingo, Sorsogon and Tabaco, Luzon

GCMT 03 22:24:51.2-0.2, 12°87'N, 123°03'E, h21km, 1km, MW5.1/82, Moment Tensor Solution, s30,c40: s82,c129; Duration: 0. Moment tensor: Scale 10^19Nm; M0=0.89±.21; Mw=4.5±.18; Mw-5.6±.19; M-1.43±.30; M9=1.88±.13; M-1.20±.33; Best double couple: Mw5.86900±10^16 Np1.3±24.00000±.82.00000±.161.00000±. NP2: 0.3±0.00000±.871.00000±.8.00000±. Principal axes: T 5.6380, P19.0000±, Azm168.0000±; N 0.4570, P19.0000±, Azm13.0000±; P -6.0990, P19.0000±, Azm261.0000±; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

KLM 03 22:24:55.9, 12°45'N, 123°32'E, h124km, mb5.2, MS5.8 DJC 03 22:24:56.7-0.3, 13°12'N, 123°12'E, h113km, 4M, 9/84, mb5.1/84, mb5.4/40, ML5.5/2, Mw(MB)4.8/40, Mw(0.6) 0.03, 0.03, h131km, 2km, n420, c158/433, mb5.0/135, MS4.5/33, 29C-28D, Luzon

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like AUQP San Andres, OTRP Odiongan, RALP Roxas, etc.

Table with columns: STA, Name, Az, El, AzE, AzM, AzS, AzW, AzN, AzE, AzM, AzS, AzW, AzN. Includes stations like SDKM Sandakan, KKM Kota Kinabalu, KKM Kota Kinabalu, etc.

KMSI Cibinong, MRSI Marisa, 43nm, 1.0s, 12.14 175 P, 12.24 185 P

TNTI Ternate, 12.67 160 P, 12.67 160 ePn, 12.71 194 P, 12.82 342 LR

APSI Ampana, 13.64 186 P, 13.64 227 P, 13.70 181 P, 13.70 181 ePn, 13.77 320 P

BKBM Balikpapan, 15.18 204 P, 15.18 204 P, 15.18 204 P, 15.18 204 P

SWI Sorong, 15.82 148 P, 15.82 148 P, 15.82 148 P, 15.82 148 P

SIJI Sijunjung, 16.00 192 P, 16.00 192 P, 16.00 192 P, 16.00 192 P

TTSI Tana Toraja, 16.00 192 P, 16.00 192 P, 16.00 192 P, 16.00 192 P

NLAI Namlea, 16.40 165 P, 16.40 165 P, 16.40 165 P, 16.40 165 P

KSM Kuching, 16.83 229 P, 16.83 229 P, 16.83 229 P, 16.83 229 P

SPSI Sidrap Palu, 16.91 191 P, 16.91 191 P, 16.91 191 P, 16.91 191 P

STKI Sintang, 17.00 223 P, 17.00 223 P, 17.00 223 P, 17.00 223 P

MSAI Masohi, 17.05 159 P, 17.05 159 P, 17.05 159 P, 17.05 159 P

AAI Ambon, 17.13 162 P, 17.13 162 P, 17.13 162 P, 17.13 162 P

KBKI Kotabaru, 17.32 203 P, 17.32 203 P, 17.32 203 P, 17.32 203 P

KAPI Kappang, 17.94 191 P, 17.94 191 P, 17.94 191 P, 17.94 191 P

BBKI Banjar Bara, 18.05 207 P, 18.05 207 P, 18.05 207 P, 18.05 207 P

FAKI Fak Fak, 18.08 149 P, 18.08 149 P, 18.08 149 P, 18.08 149 P

FAKI Fak Fak, 18.08 149 P, 18.08 149 P, 18.08 149 P, 18.08 149 P

SSE Sheshan, 18.33 355 P, 18.33 355 P, 18.33 355 P, 18.33 355 P

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SSE Sheshan, 18.33 355 P, 18.33 355 P, 18.33 355 P, 18.33 355 P

SSE Sheshan, 18.33 355 P, 18.33 355 P, 18.33 355 P, 18.33 355 P

Table of astronomical observations for station KURK, including columns for station name, object name, magnitude, position angle, and time. Objects include Kurchatov, Karatay Array, and various stars like Altair and Sirius.

Table of astronomical observations for station MLY, including columns for station name, object name, magnitude, position angle, and time. Objects include Manley, Moscow, and various stars like Altair and Sirius.

Table of astronomical observations for station YKBS, including columns for station name, object name, magnitude, position angle, and time. Objects include Yellowknife Ar, Vanda, and various stars like Altair and Sirius.

KRSC 03 22:00:05.1 4.51'06N:160'72E, h50km±23km, ML4.0, Off east coast of Kamchatka Peninsula

Table of astronomical observations for station KRSC, including columns for station name, object name, magnitude, position angle, and time. Objects include Russkaja, Mys Shipunski, and various stars like Altair and Sirius.

3d 23h

Table of station data for 3d 23h, including columns for station name, frequency, power, and other technical details.

2010 NOV

Main table of station data for 2010 NOV, including columns for station name, frequency, power, and other technical details.

150

Table of station data for 150, including columns for station name, frequency, power, and other technical details.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like H17A, Z28A, BOZ, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SNA4, W28A, X29A, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like EFI, EFA, 736A, etc.

3d 23h

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Remarks. Includes listings for V32A Arapaho, HKT Hockley, J25A Sunshine Ranch, etc.

2010 NOV

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Remarks. Includes listings for R32A Long Quarter, W35A Tecumseh, U34A Anderson Ranch, etc.

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Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Remarks. Includes listings for R34A Isabella Hill, E26A Carlson Angus, J29A Okreek, etc.

CD2		SKS	SKSac	23 58 27.6	-3.7		
CD2		S	S	23 59 03.8	-2.5		
CD2		SS	SS	00 05 24.5	-1.5		
CD2	comp=Z,40nm,1.3s	PMZ					
CD2	comp=Z,2µm,10.7s	LN					
CD2	comp=Z,2µm,17.8s	LE					
CD2	comp=Z,3µm,21.4s						
B26A	Jensen Ranch, baz=94	93.81	39	P	P	23 47 58.5	+0.2
J31A	Geddes baz=94	93.81	45	P	P	23 47 58.3	-0.2
G29A	Hoven baz=94	93.84	43	P	P	23 47 57.7	-0.9
Q35A	Mercer Eighty, baz=94	93.89	50	P	P	23 47 58.5	-0.5
CMAI	Chiengmai2, baz=94	93.89	290	P	P	23 48 01.4	+1.8
V38A	Canehill, baz=94, SNR=10	93.93	53	P	P	23 47 58.3	-0.9
O34A	Beatrice, baz=94	93.94	49	P	P	23 47 58.5	-0.7
E28A	Huff, baz=94	93.95	42	P	P	23 47 58.7	-0.4
C27A	Sayler Ranch, baz=94	93.95	40	P	P	23 47 59.5	+0.5
T37A	Cheneyville 18, baz=94, SNR=14	94.03	52	P	P	23 47 59.0	-0.6
K32A	Verdigre, baz=94	94.06	46	P	P	23 47 58.9	-0.7
R36A	Gordon, Harris, baz=94, SNR=8.0	94.06	51	P	P	23 47 59.0	-0.7
MIAR	Mount Ida, baz=94	94.07	55	eP	P	23 47 59.7	-0.1
MIAR	Mount Ida, baz=94	94.07	55	P	P	23 47 59.1	-0.7
MIAR	Mount Ida, comp=Z,100nm,1.9s	94.07	55	eP	P	23 47 59.7	-0.1
MIAR	comp=Z,6µm,18.0s			LR	LR		
SUSD	South Dakota S, baz=94	94.15	44	P	P	23 47 59.7	-0.3
M33A	Taylor Creek F, baz=94	94.15	47	P	P	23 47 59.8	-0.3
A26A	Wade Farm, Ken, baz=94	94.16	39	P	P	23 48 00.1	+0.2
P35A	Duane Minner, baz=94	94.16	49	P	P	23 47 60.0	-0.2
U38A	Gravette, baz=94, SNR=8.0	94.16	53	P	P	23 47 59.6	-0.7
F29A	Eureka, baz=94	94.17	42	P	P	23 47 59.4	-0.6
I31A	Royce, Wessing, baz=94	94.25	44	P	P	23 48 00.3	-0.2
MHMT	Maesarieng, comp=Z,38nm,1.5s, comp=Z,817nm	94.28	288	P	P	23 48 03.2	+2.0
D28A	Regan, baz=94	94.29	41	P	P	23 47 60.0	-0.6
G30A	Faulton, baz=94	94.31	43	P	P	23 48 00.1	-0.7
L33A	Hoskins, baz=94	94.34	47	P	P	23 48 00.5	-0.4
N34A	Lincoln, baz=94	94.34	48	P	P	23 48 00.4	-0.5
S37A	Fort Scott, baz=94, SNR=7.5	94.34	51	P	P	23 48 00.4	-0.6
Q36A	Arnold, C. Orve, baz=94	94.34	50	P	P	23 48 00.4	-0.6
B27A	Peters Farms, baz=95	94.40	40	P	P	23 48 00.7	-0.3
J32A	Parkston, baz=95	94.44	45	P	P	23 48 00.1	-1.2
H31A	Wolsey, baz=95	94.47	44	P	P	23 48 00.7	-0.8
O35A	Humboldt, baz=95	94.53	49	P	P	23 48 01.4	-0.4
M34A	Aspy Farms, Fr, baz=95	94.55	47	P	P	23 48 01.2	-0.6
R37A	Teagarden Farm, baz=95, SNR=13	94.55	51	P	P	23 48 01.1	-0.8
E29A	Napoleon, baz=95	94.60	42	P	P	23 48 01.4	-0.7
C28A	Hausauer Farms, baz=95	94.63	41	P	P	23 48 01.6	-0.5
A27A	Le Doux Ranch, baz=95	94.65	39	P	P	23 48 02.1	-0.1
F30A	Leola, baz=95	94.68	43	P	P	23 48 01.5	-0.9
K33A	Hardington, baz=95	94.70	46	P	P	23 48 01.8	-0.8
P36A	Good Intent, A, baz=95	94.78	50	P	P	23 48 02.3	-0.7
D29A	Pettibone, Tap, baz=95	94.84	41	P	P	23 48 01.8	-1.3
L34A	Svensden Farm, baz=95	94.87	47	P	P	23 48 02.8	-0.5
N35A	Tabor, baz=95	94.95	48	P	P	23 48 03.7	-0.1
G31A	Conde, baz=95	94.95	43	P	P	23 48 03.2	-0.4
I32A	Karley and Nic, baz=95	94.96	45	P	P	23 48 03.2	-0.5
B28A	Dugan Ranch, T, baz=95	94.96	40	P	P	23 48 03.4	-0.2
J33A	Davis, baz=95, SNR=6.3	95.00	46	P	P	23 48 03.3	-0.6
E30A	Jud, baz=95	95.03	42	P	P	23 48 03.0	-1.0
Q37A	Longview Farm, baz=95	95.04	50	P	P	23 48 03.3	-0.9
YKA	Yellowknife Ar, comp=Z,1.1nm,0.8s, baz=238, slow=4.1, SNR=34	95.08	24	P	PP	23 48 03.8	+0.1
YKA	Yellowknife Ar, comp=Z,1.1nm,1.0s, baz=222, slow=8.3, SNR=3.9	95.08	24	P	PP	23 51 53.0	-0.8
YKA	Yellowknife Ar, comp=Z,1.1nm,0.8s					23 48 03.8	+0.1
YKA	Yellowknife Ar, comp=Z,1.1nm,0.8s					23 51 53.0	
YKA	Yellowknife Ar, comp=Z,2.0nm,1.0s	95.08	24	eP	P	23 48 03.9	+0.1
YALR	University of, comp=Z,6µm,18.0s	95.09	55	PFAKE	LR	23 48 10.0	+5.5
M35A	Neola, baz=95	95.14	48	P	P	23 48 04.3	-0.3
O36A	Boickow, baz=95	95.14	49	P	P	23 48 04.3	-0.3
H32A	Carlson Farm, baz=95	95.17	44	P	P	23 48 04.3	-0.4
MDND	Maddock, baz=95	95.17	41	P	P	23 48 04.3	-0.2
MDND	Maddock, comp=Z,114nm,0.9s	95.17	41	eP	P	23 48 04.5	-0.1
MDND	comp=Z,6µm,19.0s			LR	LR		
F31A	Hecla, baz=95, SNR=6.5	95.19	43	P	P	23 48 03.7	-1.0
A28A	Rude Farm, Bot, baz=95	95.21	40	P	P	23 48 04.5	-0.3
K34A	Le Mars, baz=96	95.34	46	P	P	23 48 04.9	-0.6
D30A	Buchanan, baz=96	95.38	42	P	P	23 48 04.7	-0.9
ECSD	EROS Data Cent, baz=96, SNR=22	95.40	45	P	P	23 48 04.9	-0.9
ECSD	EROS Data Cent, comp=Z,322nm,1.8s	95.40	45	eP	P	23 48 04.9	-0.9
ECSD	comp=Z,4µm,18.0s			LR	LR		
I33A	Coleman, baz=96	95.40	45	P	P	23 48 05.4	-0.4
G32A	Webster, baz=96	95.42	44	P	P	23 48 05.4	-0.5
LVC	Limon Verde, comp=Z,6.8nm,0.5s, baz=329, slow=5.9, SNR=3.8	95.47	116	PKKPbc	PKKPbc	00 04 58.5	+0.1
LVC	Limon Verde, comp=Z,421nm,2.6s	95.47	116	eP	P	23 48 10.4	+3.4
LVC	comp=Z,4µm,20.0s			LR	LR		
OTAV	Otavallo, comp=Z,5µm,22.0s	95.48	92	PFAKE	LR	23 48 20.0	+13
L35A	Bielow Farm, R, baz=96	95.50	47	P	P	23 48 05.5	-0.7
B29A	Wagenman Farm, baz=96	95.58	40	P	P	23 48 05.9	-0.5

baz=96	Chita	95.58	324	eP	P	23 48 06.7	+0.3
CIT						23 48 14.2	
CIT						23 48 23.3	
VBMS	Vicksburg, baz=96	95.61	58	P	P	23 48 06.9	0.0
VBMS	Vicksburg, comp=Z,7µm,18.0s	95.61	58	PFAKE	LR	23 48 20.0	+13
LZH	Lanzhou, comp=Z,110nm,1.5s	95.62	306	↑P	P	23 48 08.5	+1.4
LZH				pP	pP	23 48 19.3	+1.6
LZH				sP	sP	23 48 23.1	+1.6
LZH				SKS	SKS	23 52 02.0	+3.1
LZH				sS	sS	23 58 41.2	+0.1
LZH				sS	sS	23 59 20.0	-2.2
LZH				PMZ		23 59 38.2	-1.6
LZH	comp=Z,1µm,9.6s			PMZ			
LZH	comp=Z,3µm,18.3s			LN			
LZH	comp=Z,1µm,19.0s			LE			
LZH	comp=Z,4µm,19.5s			LZ			
J34A	George, baz=96	95.67	46	P	P	23 48 06.1	-0.9
H33A	Prehn Over Nor, baz=96, SNR=5.8	95.69	44	P	P	23 48 06.4	-0.6
E31A	Nome, baz=96	95.70	42	P	P	23 48 06.2	-0.8
C30A	Mose, Pekin, baz=96	95.80	41	P	P	23 48 06.7	-0.8
A29A	Manning Farm, baz=96	95.84	40	P	P	23 48 07.0	-0.6
F32A	Veblen, baz=96	95.91	43	P	P	23 48 07.0	-0.9
N37A	Lee Faris, Mou, baz=96	95.92	49	P	P	23 48 07.5	-0.6
K35A	Storm Lake, baz=96	95.94	47	P	P	23 48 07.2	-1.1
D31A	Micollin, Tow, baz=96	96.00	42	P	P	23 48 07.6	-0.8
I34A	Hadley, baz=96	96.02	45	P	P	23 48 07.6	-1.0
G33A	Ortonville, baz=96	96.09	44	P	P	23 48 08.0	-0.8
B30A	Myrvik Farm, E, baz=96	96.19	40	P	P	23 48 08.7	-0.5
J35A	Milford, baz=96	96.20	46	P	P	23 48 08.5	-0.9
E32A	Braaten, Kindr, baz=96	96.23	43	P	P	23 48 08.5	-0.9
M37A	Trindle Farm, baz=96	96.26	48	P	P	23 48 09.1	-0.6
C31A	Landman Farms, baz=96	96.29	41	P	P	23 48 08.4	-1.3
H34A	Spellman Lake, baz=96	96.32	45	P	P	23 48 08.8	-1.1
A30A	Hoffart Farm, baz=96	96.41	40	P	P	23 48 09.3	-0.9
F33A	5 Mile Ranch, baz=96	96.43	43	P	P	23 48 09.3	-1.1
K36A	Gilmore City, baz=96	96.45	47	P	P	23 48 09.6	-0.9
D32A	Dogwood Acres, baz=96	96.48	42	P	P	23 48 10.1	-0.4
I35A	Creekview Farm, baz=96	96.54	46	P	P	23 48 09.9	-1.0
B31A	Greenbush Farm, baz=96	96.59	41	P	P	23 48 10.4	-0.6
G34A	Benson, baz=96	96.63	44	P	P	23 48 10.2	-1.1
FFC	Flin Flon, comp=Z,4µm,20.0s	96.78	46	PFAKE	LR	23 48 20.0	+8.3
FFC				LR	LR		
J36A	Seneca 1, Swea, baz=96	96.78	46	P	P	23 48 10.6	-1.4
E33A	Westby DABS, E, baz=96	96.87	43	P	P	23 48 11.2	-1.1
H35A	Sunnyside Ranc, baz=96	96.96	45	P	P	23 48 12.0	-0.8
SCIA	State Center, comp=Z,3µm,20.0s	97.03	48	PFAKE	LR	23 48 20.0	+6.7
SCIA				LR	LR		
K37A	Belmond, baz=96	97.05	47	P	P	23 48 12.4	-0.9
C32A	Crookston, baz=96	97.05	42	P	P	23 48 11.7	-1.4
MET	Memphis-Engin, baz=96	97.07	55	PFAKE	LR	23 48 20.0	+6.4
MET				LR	LR		
A31A	Linda, St. Vin, comp=Z,3µm,18.0s	97.08	40	P	P	23 48 12.2	-1.0
CCM	Cathedral Cave, baz=96	97.09	52	eP	Pdf	23 48 14.2	+0.6
CCM	Cathedral Cave, comp=Z,13nm,1.2s	97.09	52	eP	Pdf	23 48 14.2	+0.6
CCM				LR	LR		
F34A	Alexandria, comp=Z,5µm,18.0s	97.09	44	P	P	23 48 12.6	-0.8
DGPR	DIGLIPUR, baz=96	97.14	281	eP	P	23 48 13.2	-1.0
D33A	AnnSam, Waubun, baz=96	97.22	42	P	P	23 48 12.8	-1.1
BCIP	Isla Barro Col, comp=Z,2µm,18.0s	97.23	83	PFAKE	LR	23 48 30.0	+15
BCIP				LR	LR		
I36A	Fitzsimmons Fa, baz=96	97.25	46	P	P	23 48 12.9	-1.2
PBMO	Poplar Bluff, comp=Z,6µm,18.0s	97.25	54	PFAKE	LR	23 48 20.0	+5.6
PBMO				LR	LR		
OXF	Oxford, comp=Z,14µm,18.0s	97.27	56	PFAKE	LR	23 48 20.0	+5.5
OXF				LR	LR		
B32A	Ashes, Strand, baz=96	97.27	41	P	P	23 48 12.9	-1.2
J37A	Redenys Farm, baz=96	97.31	47	P	P	23 48 13.2	-1.2
G35A	Watkins, baz=96	97.38	45	P	P	23 48 14.5	-0.2
E34A	Wadena, baz=96	97.41	43	P	P	23 48 13.4	-1.4
C33A	Trail, baz=96	97.50	42	P	P	23 48 13.5	-1.6
H36A	Jessenland, He, baz=96	97.51	45	P	P	23 48 14.5	-0.8
F35A	Swanville, baz=96	97.56	44	P	P	23 48 15.0	-0.4
K38A	Parkersburg, baz=96	97.61	47	P	P	23 48 15.1	-0.6
D34A	Park Rapids, baz=96	97.61	43	P	P	23 48 15.1	-0.5
AGMN	Agassiz Nation, comp=Z,3µm,19.0s	97.64	41	P	P	23 48 14.4	-1.3
AGMN	Agassiz Nation, comp=Z,46nm,1.1s	97.64	41	eP	P	23 48 15.0	-0.8
AGMN				LR	LR		
I37A	Lemond, Waseca, comp=Z,3µm,19.0s	97.66	46	P	P	23 48 15.3	-0.7
ULN	Ulaanbaatar, baz=96	97.72	318	eP	pmax	23 48 16.4	+0.1
ULN	comp=Z,25nm,1.6s						
ULN				MLR	MLR		
ULN	comp=Z,3µm,19.0s						

Table with columns for event name, date, time, and various codes (e.g., PKPb, PKPc, PKP). Includes events like Panska Ves, Warihead, Yavlagad, etc.

Table with columns for event name, date, time, and various codes (e.g., PKPb, PKPc, PKP). Includes events like Pizskesteto, Mersin, PSZ, etc.

Table with columns for event name, date, time, and various codes (e.g., PKPb, PKPc, PKP). Includes events like DAVA, OBKA, OBKA, PGB, etc.

Table with columns: PTOM, PMAFR, PCBR, etc. and rows listing various locations like Tomar, Castelo Branco, Anoyia, etc. with associated codes and values.

Table with columns: GANE, ATKA, KOFL, etc. and rows listing various locations like Gareloi Northe, Atka Island, Mount Klitchep, etc. with associated codes and values.

Table with columns: YAK, HABR, H11N2, etc. and rows listing various locations like Yakutsk, Khabarovsk, WAKE ISLAND, etc. with associated codes and values.

Table with columns: IDC, MOS, NEIC, etc. and rows listing various locations like IDC 03:25:59, MOS 03:25:59, etc. with associated codes and values.

Table with columns: INK, INK, INK, etc. and rows listing various locations like Inuvik, Inuvik, Inuvik, etc. with associated codes and values.

Table with columns: K05A, I07A, O03D, etc. and rows listing various locations like Summer Lake, Ize, Payne Creek, etc. with associated codes and values.

3d 23h

Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like Seelye Lake, Chamberlain Mo, Korea Array, etc.

2010 NOV

Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like Jensen Ranch, Fairfield, Butcher Ranch, etc.

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Table with columns: Station Name, Frequency, Power, SNR, and other metrics. Includes stations like Mission Ridge, Eureka, Landman Farms, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRVK, WVT, LMQ, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSH, OBN, SFK, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WTTA, DAVA, MLR, etc.

ISCJB 04 00:02:28.9,0.5,50.11N,0.03,18.34E,0.03,h0km, Error ellipse: s-maj=4.0km s-min=2.4km az=18.8 IPEC 04 00:02:30.2,0.2,50.06N,18.46E,h0km,2km,ML1.8/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0 CSEM 04 00:02:30.0,0.2,50.09N,18.37E,h1km,ML2.9/11, Error ellipse: s-maj=4.2km s-min=2.7km az=14.0 PRU 04 00:02:31.7,50.06N,18.33E,h0km VIE 04 00:02:33.6,0.5,49.72N,18.28E,h0km,mb1.5/1,m2.4/3, Error ellipse: s-maj=3.7km s-min=2.0km az=117.0, Suspected Missing Downlink

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like RAC, OKC, MORC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSW, UNV, SPIA, AKUT, ISLZ, SDDT, KDOK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GTA, LAJIT, ARCES, KURK, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PRK, BOSA, ISCJB, JMA, etc.

ISC 04 01:54:38.82.0.51104N.009:176:38W.0'04.

h32km,11km,n30,o080/36,mb3.9/4,Andreasof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

BUL 04 01:58:04.0.0.3.6'30S:41'55E,h10km,MD3.6

ISCJB 04 01:58:30.7.0.6.5'04S:0'05:35.06E:0'08,h10km, mb3.7/5,MS3.6/1,Error ellipse: s-maj=11.4km

ISC 04 01:58:31.4.2.1.5'19S:35'20E,h0km,mb3.7/5,mb1 3.9/9, mb1 mx3.6/4,mbmp3.9/9,ML3.8/4,MS3.8/1,Mst 1.3/8/1, ms1mx3.2/38,Error ellipse: s-maj=33.2km s-min=18.6km

ISC 04 01:58:32.6.0.7.5'16S:0'05:35.07E:0'07,h10km,n14, a2520/18,mb3.9/5,Tanzania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like DODODA, KILIMA MBOGO, etc.

NEIC 04 02:00:18.4.50'99N:176:32W,h23km,ML3.5(AEIC), After AEIC-,Andreasof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

ISC 04 02:00:32.2.0.6.5'108N:176:29W,h0km,mb4.0/22, mb1 4.2/24,mb1mx4.0/58,mbmp4.1/24,ML4.0/2,Error ellipse: s-maj=20.5km s-min=12.6km az=172.0

ISCJB 04 02:00:35.7.0.3.50'93N:0'04:176:35W:0.05,h35km, mb4.2/31,Error ellipse: s-maj=6.4km s-min=4.0km az=161.0

BJI 04 02:00:35.9.51'20N:176:10W,h40km,mb4.6/25,mb5.2/9, M5.4/6/9,M5.7/4/10

MOS 04 02:00:36.0.1.2.51'17N:176:44W,h33km,mb4.4/5,Error ellipse: s-maj=13.9km s-min=11.8km az=72.2

NEIC 04 02:00:38.5.0.8.51'08N:176:43W,h42km,mb4.5/16, ML4.1(AEIC),Error ellipse: s-maj=10.6km s-min=4.2km az=180.0

ISC 04 02:00:37.8.0.5.51'00N:0'07:176:36W:0'04,h35km, n101,01938/107,mb4.2/31,1C,Andreasof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

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

ISC 04 02:23:41.8.0.7.51'17N:176:38W,h0km,mb4.2/24, mb1 4.3/25,mb1mx4.2/45,mbmp4.2/25,ML4.2/1,MS3.7/3, M5.1 3.7/3,ms1mx3.1/55,Error ellipse: s-maj=22.0km s-min=12.3km az=163.0

BJI 04 02:23:46.0.1.51'07N:176:50W,h26km,mb4.9/37, mb5.1/23,MS4.6/8,M5.7/4/8

ISCJB 04 02:23:47.8.0.7.51'15N:0'06:176:37W:0'03,h50km,4km, KIRK Kanagawa Island 0.92 326 P Pn 02 24 04.2 -0.8

MOS 04 02:23:47.7.1.2.51'26N:176:40W,h48km,mb4.9/20, Error ellipse: s-maj=10.4km s-min=7.8km az=101.1

NEIC 04 02:23:48.7.0.6.51'12N:0'08:176:35W:0'03,h42km,3km, h41km:pp-P,n188,01924/194,mb4.5/56,8C-7D, Andreasof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETKA, KIRH, KAGALASKA ISLA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MCKinley, WRH Wood River Hill, MDM Murphy Dome, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV Zalesovo Beam, LZH Lanzhou, GTA Gaotai, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SOKA Soboth, GNI Gani, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like JNU Nakatsue, KSR Korea Array, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like ARSB Arslanbob, ARK Arkit, AML Almayashu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like UCH Uchtor, SFK Sufi-Kurgan, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like DZM Mont Dzumak, DZM Yvonne, DZM Tsey, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCVE, PCVE Castro Verde, MESJ, MESJ, MESJ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EPOB Poblet, MVO, MVO, MVO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EPF, EPF, EPF, EPF, etc.

IDC 04 05:23:07.8:1.0, 30;85N:84.38E, h0km, mb3.7/8, mb1 3.9/10, mb1mx3.6/45, mbtmp3.7/10, ML3.8/2, MS3.5/8, Ms3.5/8, ms1mx3.1/45, Error ellipse: s-maj=29.4km, s-min=21.3km az=62.0

ISC 04 05:23:13.2:1.0, 31;0N:071.84E:0.1, h35km, nt19, a131/13, mb3.8/7, MS3.7/7, Xizang

Table with columns for Code, Station Name, Az, Phase, D, Time, Res. Includes stations like LSA, GYA, GYA, GYA, etc.

IDC 04 05:39:39.3:0.9, 3;46S: 100.54E, h0km, mb4.6/14, mb1 4.7/17, mb1mx4.4/46, mbtmp4.6/17, ML4.3/3, MS3.7/14, Ms1 3.7/14, ms1mx3.5/35, Error ellipse: s-maj=30.3km, s-min=10.2km az=45.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Pulau Pagai, Kapingh, Saibi, etc.

Table with columns: GTA, PMZ, Az, Phase, ID, Time, Res, ISC. Lists various stations like Erkin-Say, KSH, Urumqi, etc.

Table with columns: CLL, TOR, NVAR, TXAR, Az, Phase, ID, Time, Res, ISC. Lists stations like Colim, Torodi Ar. Bea, etc.

AUST 04 05:45:39.3, 4.58S, 158.26E, h15km
IDC 04 05:46:41.2, 40.0, 6.06S, 154.82E, h355km, 318km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like FAKI, Warramunga Arr, MTN, etc.

ISCJB 04 06:13:03.0, 4.0, 7.40S, 0.08, 120.26E, 0.08, h550km, mb3.7/4, Error ellipse: s-maj=12.0km s-min=8.0km

IDC 04 06:13:04.0, 0.9, 7.40S, 120.32E, h532km, 7km, mb3.3/5, mb1 3.3/9, mb1mx3.0/37, mbtmp4.1/9, Error ellipse: s-maj=56.1km s-min=11.6km az=61.0

AUST 04 06:13:05.2, 2.7, 7.55S, 120.22E, h524km, Error ellipse: s-maj=3.2km s-min=1.2km az=12.0

DJA 04 06:13:34.1, 0.3, 7.52S, 111.9E, h10km, M4.0/13, ML4.0/13

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Bau Bau, Buton, Waingapu, etc.

IDC 04 06:16:21.8, 0.6, 5.11N, 176.39W, h0km, mb4.0/22, mb1 4.1/24, mb1mx4.0/44, mbtmp4.0/24, ML3.4/2, Error ellipse: s-maj=22.1km s-min=11.9km az=171.0

MOS 04 06:16:25.7, 1.2, 5.11N, 176.41W, h35km, mb5.0/10, Error ellipse: s-maj=13.0km s-min=10.2km az=88.5

NEIC 04 06:16:26.9, 5.1, 04N, 176.39W, h26km, mb4.6/15, Error ellipse: After AEIC

ISCJB 04 06:16:27.6, 0.7, 5.11N, 176.38W, 0.04, h50km, 5km, mb4.3/31, Error ellipse: s-maj=10.5km s-min=4.0km

BUI 04 06:16:27.4, 5.1, 38N, 176.79W, h29km, mb4.8/28, mb5.1/13, Ms4.4/4, Ms7 4.0/3

ISC 04 06:16:28.5, 0.6, 5.11N, 176.40W, 0.04, h43km, 4km, n121, 01915/133, mb4.4/31, 5C-2D, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like ETKA, Kagalaska Isla, ETKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOFF, KOSE, NIKH, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TRF, BPWA, BILL, etc.

ICD 04 06:22:57.8; 0.6, 51.07N; 176:50W, h0km, mb4.0/21, mb1.4/122, mb1mx4.0/39, mbtmp4.0/22, ML3.2/1, MS3.7/15, Ms1.1/3.15, ms1mx3.5/34, Error ellipse: s-maj=21.7km s-min=12.9km az=171.0

NEIC 04 06:23:01.6; 51.01N; 176:35W, h16km, mb4.6/23, ML4.1(AEIC), After AEC.

ISCJB 04 06:23:02.8; 0.7, 51.03N; 176:40W; 0.04, h44km, 5km, mb4.3/37, MS3.7/14, Error ellipse: s-maj=10.0km s-min=3.8km az=174.6

MOS 04 06:23:02.2; 1.1, 51.20N; 176:48W, h38km, mb4.7/13, Error ellipse: s-maj=12.8km s-min=9.6km az=97.6

BUJ 04 06:23:02.8; 51.40N; 176:85W, h26km, mb4.7/31, mb5.1/19, Ms4.6/13, MS7.4/2/3

ISC 04 06:23:02.3; 0.5, 51.102N; 176:40W; 0.03, h25km, 2km, h27km; pp-P, n140, +127/149, mb4.4/37, MS3.7/14, 4C-5D, Andean Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like ETKA, ADAG, KIRH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RAMN Ramite, TAPN Taplejung, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like YKA Yellowknife Ar, USRK Ussuriysk Ar, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WMQ comp=Z,8.0nm,1.0s, WMQ comp=Z,140nm,4.5s, MKAR Makanchi Array, etc.

ISCJB 04 10:02:16.1±0.3,50.84N±0.03,176.49W±0.04, h10km, mb4.5/48, MS3.5/11, Error ellipse: s-maj=4.7km

IDC 04 10:02:16.2±0.8,51.07N±1.76,55W, h0km, mb4.2/21, mb1.4, z2/1, ms1mx4.2/7, mbtm4.2/21, MS3.5/12, Ms1.3/12, ms1mx3.2/2, Error ellipse: s-maj=24.3km

NEIC 04 10:02:17.0±0.4,50.94N±1.76,61W, mb4.7/32, ML4.2(AEIC), Error ellipse: s-maj=6.9km s-min=4.6km az=180.0

BUI 04 10:02:17.8,51.67N±1.76,70W, h8km, mb4.8/30, mB5.0/19, Ms4.77, M57.4/6

MOS 04 10:02:19.1±1.0,51.12N±1.76,60W, h28km, mb5.0/18, Error ellipse: s-maj=12.9km s-min=8.4km az=93.9

ISC 04 10:02:19.1±0.6,51.01N±0.06,176.58W±0.03, h15km±2km, n14km±2P, n165, s1956/164, mb4.7/49, MS3.5/11, 4C-1D, Andonof Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ETKA Kagalaska Isla, KIKV Kanaga Island, ADAG Mount Adagadk, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CHMT Chamberlain Mo, KSRs Korea Array, KSRs Korea Array, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, TAPN Taplejung, GUN Gumb, etc.

MEX 04 10:16:52.0±0.4,14.47N±.92,96W, h16km±4km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PCIG 1.25 348, PCIG 1.25 348, etc.

4d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PVAQ Vaqueiros, CZD Col de Zad, PBDV Barranco-do-Ve, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MTE Manteigas, PTOM Tomar, EPOB Poblet, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like EALK Alkurruntz, EALB Labassere, EPOB Poblet, etc.

ISC 04 12:08:04.8:1.3, 18°69'N:143°88'E, h0km mb3.6/6, mb1 3.8/6, mb1mx3.5/45, mbtmp3.6/6, MS2.9/2, Ms1 3.0/2, ms1mx2.6/30, Error ellipse: s-maj=48.3km s-min=22.0km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

ISCJB 04 12:29:28.2, 1.153N, 44.62W, h21km, mb5.5/28(BGR), Ms5.0/2(BGR)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, JYNG Yonagunijimaku, TWC Suao, etc.

SZGRF 04 12:29:28.2, 1.153N, 44.62W, h21km, mb5.5/28(BGR), Ms5.0/2(BGR)

ISC 04 12:29:28.0, 1.153N, 44.89W, h0km, mb4.9/29, mb1.5/30, mb1mx1.30, mb1mx4.9/30, ML4.3/1, MS4.8/39, Ms1.4/39, ms1mx4.7/46, Error ellipse: s-maj=12.6km s-min=10.5km az=132.0

MOS 04 12:29:29.0, 1.258N, 44.85W, h10km, mb5.6/18, MS4.8/18, Error ellipse: s-maj=5.5km s-min=5.1km az=65.0

ISCJB 04 12:29:31.0, 0.2, 12.95N, 0.04, 45.00W, 0.01, h19km, mb5.4/283, MS5.0/184, Error ellipse: s-maj=5.4km s-min=2.1km az=178.0

GCMT 04 12:29:31.4, 0.1, 12.87N, 44.85W, h12km, MW5.4/120, Moment Tensor Solution, s85, c135, s120, c282; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mw=1.67±0.02; Ms=0.17±0.02; Mb=1.85±0.02; Mo=0.18±0.06; Mw=0.30±0.02; Mr=0.14±0.05; Best double couple: Mo1.798000x10^17 NP1.0±1.000000°, δ47.000000°, λ-100.000000°. NP2.0±1.000000°, δ44.000000°, λ-79.000000°. Principal axes: T 1.8970, Plg2.0000°, Azm98.0000°, N -0.1900, Plg7.0000°, Azm8.0000°; P -1.6990, Plg82.0000°, Azm202.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 04 12:29:31.4, 0.2, 12.84N, 44.85W, h10km, mb5.6/182, MS5.1/125, Error ellipse: s-maj=4.8km s-min=3.2km az=0.0

ISC 04 12:29:32.0, 0.6, 12.77N, 0.05, 44.91W, 0.05, h17km, mb3.3km, h17km; p-P, n1169, c1s25/112, mb5.5/283, MS5.0/184, 19C-23D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H05S1 Guadeloupe/Mar, MCLT Moule a Chique, ZAM Aeronautique, BIM Bigot, FDF Fort de France, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OBIP Obispado Ponce, AOPR Arecibo Observ, LRS Lajas, CRPR Cabo Rojo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NNA NNA, RTC Rabat Centre, MORF Marmelete, etc.

4d 12h

TORD	Tordi Ar. Bea	45.37 84 P	P	12 37 49.5 -0.8
TORD	comp-Z,32nm,1.0s,baz=276,slow=5.6,SNR=108	PcP		12 39 29.0 -0.7
TORD	comp-Z,5.6nm,1.0s,baz=280,slow=3.8,SNR=9.9	LR		12 54 16.7
OXF	Oxford	45.70 306 eP	P	12 37 53.0 +0.4
OXF	comp-Z,130nm,1.1s	pmax		
OXF	Oxford	45.70 306 eP	P	12 37 53.0 +0.4
OXF	comp-Z,126nm,1.1s			
VBMS	Vicksburg	45.97 303 P	P	12 37 54.8 0.0
SFIN	Scholar Farm	46.06 315 P	P	12 37 55.1 -0.2
SFIN	Scholar Farm	46.06 315 eP	P	12 37 56.1 +0.7
OLIL	Olney	46.12 312 eP	P	12 37 56.8 +0.9
OLIL	comp-Z,60nm,1.0s			
GLMI	Graying	46.50 321 PFAKE		12 38 10.0 +1.1
GLMI	LR			
SIUC	comp-Z,2.2um,22.0s			
SIUC	Southern Illin	46.58 310 eP	P	12 38 00.2 +0.7
SIUC	comp-Z,2.95nm,1.1s			
PAYG	Puerto Ayora	46.95 257 PFAKE		12 38 20.0 +1.7
PAYG	LR			
PBMO	comp-Z,2.2um,22.0s			
PBMO	Poplar Bluff	47.18 309 eP	P	12 38 03.7 -0.5
PBMO	comp-Z,40nm,1.1s			
HDIL	Hopedale	47.67 314 P	P	12 38 07.4 -0.5
HDIL	comp-Z,53nm,2.3s			
HDIL	Hopedale	47.67 314 eP	P	12 38 08.3 +0.4
HDIL	LR			
UALR	comp-Z,1.1um,20.0s			
UALR	University of	48.09 305 eP	P	12 38 11.5 +0.2
UALR	comp-Z,35nm,1.1s			
SHEL	Horse Pasture	48.12 125 PFAKE		12 38 20.0 +8.3
SHEL	LR			
CCM	comp-Z,1.1um,19.0s			
CCM	Cathedral Cave	48.20 310 eP	P	12 38 11.8 -0.3
CCM	CCM	pmax		
CCM	comp-Z,63nm,1.3s			
CCM	Cathedral Cave	48.20 310 eP	P	12 38 11.8 -0.3
CCM	comp-Z,63nm,1.3s			
LCO	Las Campanas	48.44 211 PFAKE		12 38 30.0 +1.6
LCO	LR			
540A	Vidor	48.45 299 P	P	12 38 13.6 -0.6
440A	Kirbybluff	48.53 300 P	P	12 38 13.7 -1.0
340A	Bronson	48.60 301 P	P	12 38 14.5 -0.8
TAM	Tamanrasset	48.85 71 eP	P	12 38 18.4 +0.9
TAM	comp-Z,160nm,2.1s	pmax		
TAM	Tamanrasset	48.85 71 eP	P	12 38 18.4 +0.9
TAM	comp-Z,161nm,2.1s			
TAM	LR			
MIAR	comp-Z,4um,21.0s			
MIAR	Mout Ida	49.02 305 eP	P	12 38 18.6 +0.2
MIAR	comp-Z,32nm,1.1s	pmax		
MIAR	Mout Ida	49.02 305 P	P	12 38 17.2 -1.2
MIAR	comp-Z,49,SNR=8.2			
MIAR	Mout Ida	49.02 305 eP	P	12 38 18.6 +0.2
MIAR	comp-Z,32nm,1.1s			
MIAR	LR			
539A	comp-Z,3um,21.0s			
539A	Cross D Ranch,	49.07 299 P	P	12 38 18.3 -0.6
539A	baz=49			
339A	Huntington	49.14 300 P	P	12 38 19.1 -0.3
239A	Gary	49.20 301 P	P	12 38 19.0 -0.9
239A	baz=49			
239A	Irene McRaven,	49.21 303 P	P	12 38 19.5 -0.4
239A	baz=49			
439A	Center Grove,	49.22 300 P	P	12 38 18.9 -1.2
439A	baz=49			
JFWS	Jewell Farm	49.25 316 eP	P	12 38 20.0 -0.1
JFWS	comp-Z,26nm,0.9s	pmax		
JFWS	Jewell Farm	49.25 316 eP	P	12 38 20.0 -0.1
JFWS	comp-Z,26nm,0.8s			
JFWS	LR			
139A	comp-Z,1.1um,19.0s			
139A	Bunthouse Ranc	49.27 302 P	P	12 38 19.3 -1.0
139A	baz=49			
Y39A	Lockesburg	49.29 304 P	P	12 38 19.7 -0.9
NATX	Naogdoches	49.31 301 P	P	12 38 20.0 -0.7
738A	Farr-Stevens R	49.68 297 P	P	12 38 23.5 -0.1
238A	Jacksonville	49.74 301 P	P	12 38 24.6 +0.6
538A	Harpers Horse	49.75 299 P	P	12 38 24.2 +0.2
338A	Crockett	49.78 300 P	P	12 38 23.9 -0.4
Y38A	Idabel	49.81 304 P	P	12 38 23.5 -1.0
438A	Sam Houston St	49.82 300 P	P	12 38 22.9 -1.7
138A	Matatall Enter	49.84 302 P	P	12 38 23.3 -1.4
Z38A	Mt. Pleasant	49.87 303 P	P	12 38 23.6 -1.4
W38A	Poteau	49.90 305 P	P	12 38 24.4 -0.8
COWI	Conover	49.90 321 eP	P	12 38 24.7 -0.3
COWI	comp-Z,48nm,1.3s			
COWI	LR			
HKT	comp-Z,2um,20.0s			
HKT	Hockley	50.00 298 eP	P	12 38 27.6 +1.7
HKT	comp-Z,60nm,1.3s	pmax		
HKT	Hockley	50.00 298 eP	P	12 38 27.6 +1.7
HKT	comp-Z,60nm,1.3s			
Y38A	Canehill	50.00 306 P	P	12 38 24.2 -1.8
X38A	Whitesboro	50.05 305 P	P	12 38 25.1 -1.3
U38A	Gravette	50.13 307 P	P	12 38 25.5 -1.4
237A	Washetta, Mont	50.31 301 P	P	12 38 27.5 -0.8
637A	Eagle Lake	50.35 298 P	P	12 38 28.5 -0.2
37A	Port Lavaca	50.36 297 P	P	12 38 28.0 -0.7
137A	Heron Place, G	50.38 302 P	P	12 38 27.7 -1.2
Z37A	Pogue Cattle C	50.38 303 P	P	12 38 27.7 -1.2
437A	Phantom Ranch,	50.40 299 P	P	12 38 27.4 -1.6
537A	Green Hill Far	50.43 298 P	P	12 38 28.2 -1.1
X37A	Clayton	50.47 304 P	P	12 38 28.7 -0.8
Y37A	Hugo	50.54 304 P	P	12 38 29.1 -0.9
V37A	Hulbert	50.59 306 P	P	12 38 29.2 -1.1
W37A	Quinton	50.64 305 P	P	12 38 29.5 -1.3
U37A	Salina	50.69 307 P	P	12 38 29.9 -1.2
T37A	Cheneyville 18	50.72 308 P	P	12 38 29.4 -2.0
S37A	Fort Scott	50.82 309 P	P	12 38 30.8 -1.3
Q37A	Longview Farm,	50.85 310 P	P	12 38 31.1 -1.2
K38A	Parkersburg	50.87 315 P	P	12 38 31.0 -1.4
J38A	Wedel Dairy, R	50.91 316 P	P	12 38 31.8 -0.9
SCIA	State Center	50.91 314 PFAKE		12 38 40.0 +7.3
SCIA	LR			
236A	Katherine and	50.92 301 P	P	12 38 32.1 -0.8
736A	Circle Diamond	50.93 297 P	P	12 38 33.8 +0.8
436A	Wall Ranch, Ga	50.94 299 P	P	12 38 32.4 -0.7

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R37A	Teagarden Farm	50.97 309 P	P	12 38 31.5 -1.7
136A	Emmis	51.00 302 P	P	12 38 32.3 -1.2
Y36A	Durant	51.07 303 P	P	12 38 32.3 -1.7
Z36A	Blue Ridge	51.07 303 P	P	12 38 32.5 -1.6
536A	Bastrop	51.07 298 P	P	12 38 33.4 -0.7
336A	Riesel	51.08 300 P	P	12 38 32.5 -1.7
I38A	Scelian Farm,	51.09 317 P	P	12 38 33.5 -0.5
TUL1	Tulsa	51.10 306 P	P	12 38 33.6 -0.6
TUL1	comp-Z,107nm,1.1s			
U36A	Oologah	51.17 307 P	P	12 38 34.1 -0.6
V36A	Jenks	51.20 306 P	P	12 38 33.8 -1.1
X36A	Centrahoma	51.25 304 P	P	12 38 34.0 -1.4
W36A	Wetumka	51.28 305 P	P	12 38 34.6 -1.0
C39A	Grand Marais	51.29 322 P	P	12 38 34.2 -1.2
S36A	Lake Cedric, C	51.40 308 P	P	12 38 34.7 -1.7
T36A	Boys Farm, Ca	51.45 307 P	P	12 38 35.6 -1.2
R36A	Gordon, Harris	51.48 309 P	P	12 38 36.2 -0.9
KVXT	Kingsville	51.50 295 PFAKE		12 38 50.0 +1.3
KVXT	LR			
535A	Dale	51.50 298 P	P	12 38 36.4 -1.0
K37A	Belmond	51.51 315 P	P	12 38 35.7 -1.5
835A	Beeville	51.52 296 P	P	12 38 35.6 -1.9
335A	Moody	51.56 300 P	P	12 38 36.4 -1.3
035Z	Hargill	51.56 294 P	P	12 38 36.7 -1.1
735A	Kenedy	51.56 297 P	P	12 38 37.8 0.0
635A	Leesville	51.59 297 P	P	12 38 37.6 -0.5
036A	Bolkow	51.59 311 P	P	12 38 36.7 -1.2
435B	Jarrell	51.62 299 P	P	12 38 36.6 -1.6
P36A	Good Intent, A	51.62 311 P	P	12 38 36.9 -1.2
Q36A	Arnold C. Orve	51.63 310 P	P	12 38 37.2 -1.0
035A	Encino	51.63 294 P	P	12 38 37.5 -0.9
J37A	Redenius Farm,	51.64 316 P	P	12 38 36.5 -1.6
Y35A	Marietta	51.68 303 P	P	12 38 37.8 -0.8
H37A	Dierke Farm, C	51.68 317 P	P	12 38 37.1 -1.3
WHTX	Lake Whitney	51.69 301 P	P	12 38 37.3 -1.5
WHTX	Lake Whitney	51.69 301 eP	P	12 38 40.3 +1.6
X35A	Drake	51.73 304 P	P	12 38 38.3 -0.7
135A	Vickery Place,	51.75 301 P	P	12 38 38.2 -1.0
Z35A	Perchaven, San	51.75 302 P	P	12 38 38.2 -0.9
I37A	Lemond, Waseca	51.79 317 P	P	12 38 38.4 -0.9
W35A	Tecumseh	51.80 305 P	P	12 38 37.7 -1.8
SPMN	St. Paul	51.86 318 P	P	12 38 37.7 -2.1
SPMN	St. Paul	51.86 318 eP	P	12 38 39.5 -0.2
V35A	Meyer Ranch, C	51.90 306 P	P	12 38 39.5 -0.8
T35A	Sooner Cattle	51.91 307 P	P	12 38 39.4 -0.9
C38A	Sawbill Land,	51.93 322 P	P	12 38 38.0 -2.3
S35A	Otter Creek Ra	51.94 308 P	P	12 38 39.8 -0.8
U35A	Pavae	51.95 306 P	P	12 38 39.0 -1.6
R35A	Emporia Munic	52.01 309 P	P	12 38 38.8 -2.2
K36A	Gilmore City	52.02 315 P	P	12 38 39.3 -1.8
Q35A	Mercer Eighty,	52.03 310 P	P	12 38 40.1 -1.1
934A	Benavides	52.06 295 P	P	12 38 42.0 +0.5
634A	China Grove, S	52.09 297 P	P	12 38 40.8 -1.0
834A	Tilden	52.14 296 P	P	12 38 42.2 +0.1
E37A	Wrenshall	52.14 320 P	P	12 38 40.4 -1.4
034A	Hebbornville	52.16 294 P	P	12 38 43.2 +1.0
EYMN	Ely	52.17 322 P	P	12 38 39.8 -2.3
EYMN	Ely	52.17 322 PFAKE		12 38 50.0 +7.9
EYMN	LR			
J36A	Genee, I, Swea	52.18 315 P	P	12 38 40.5 -1.8
P35A	Duane Minner,	52.20 310 P	P	12 38 41.1 -1.4
434A	Burns	52.20 299 P	P	12 38 41.1 -1.5
I36A	Fitzsimmons Fa	52.20 316 P	P	12 38 41.5 -0.9
734A	La Parita Cree	52.22 297 P	P	12 38 41.6 -1.1
334A	Lometa	52.25 300 P	P	12 38 41.4 -1.5
234A	Clairette	52.27 301 P	P	12 38 42.0 -1.0
Y34A	Reagan Ranch,	52.28 303 P	P	12 38 41.8 -1.3
534A	Blanco	52.28 298 P	P	12 38 42.4 -0.8
Z34A	Collier Ranch,	52.30 302 P	P	12 38 42.3 -1.0
N35A	Tabor	52.31 312 P	P	12 38 42.5 -0.7
134A	White-Moore Ra	52.31 301 P	P	12 38 42.5 -0.8
035A	Humboldt	52.33 311 P	P	12 38 41.3 -2.1
H36A	Jessenland, He	52.35 317 P	P	12 38 41.7 -1.7
D37A	Cotton	52.40 321 P	P	12 38 42.8 -0.9
V34A	Guthrie	52.45 305 P	P	12 38 43.8 -0.5
V34A	Guthrie	52.45 305 eP	P	12 38 43.9 -0.5
T34A	McClaskey Farm	52.46 307 P	P	12 38 43.6 -0.8
X34A	Smith Ranch, M	52.46 304 P	P	12 38 43.5 -0.9
G36A	St. Michael	52.48 318 P	P	12 38 42.9 -1.4
C37A	Embarass	52.49 321 P	P	12 38 42.9 -1.5
K35A	Kansas State U	52.52 31		

4d 12h

Table with columns: ID, Name, Comp, Time, Diff, Status, and other details. Includes entries like MNTX, B27A Peters Farms, G26A Maurine, etc.

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Table with columns: GERES, Name, Comp, Time, Diff, Status, and other details. Includes entries like KHC Kasperke Hory, KHC Kasperke Hory, etc.

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Table with columns: CSKK, Name, Comp, Time, Diff, Status, and other details. Includes entries like CSKK Cs'kakko, MORC Moravsky Berou, etc.

DUG	baz=65 Dugway	65.02 308	eP	P	12 40 11.8	-0.2
DUG	comp=Z,214nm,2.1s		LR	LR		
EFI	comp=Z,2um,21.0s	65.18 189	eP	P	12 40 12.1	-0.2
EFI	East Falkland		eP	P		
EFI	comp=Z,93nm,1.3s	65.18 189	eP	P	12 40 12.1	-0.2
EFI	East Falkland		eP	P		
KKB	Krupnik	65.22 50	eP	P	12 40 14.6	+1.5
BGU	Big Grassy Mow	65.24 309	eP	P	12 40 13.0	-0.4
CCUT	Cedar City	65.29 306	eP	P	12 40 14.7	+0.8
LRM	Limekiln Ridge	65.32 315	eP	P	12 40 14.7	+0.8
KLNR	Kalinaringrad	65.33 36	iP	P	12 40 14.0	+0.6
GZR	Gura Zlata	65.37 46	iP	P	12 40 12.9	-1.1
VTS	Vitosha	65.38 49	eP	P	12 40 14.0	-0.3
DAG	Danmarks Havn	65.47 6	iP	P	12 40 13.1	-0.9
DAG	comp=Z,28nm,1.1s	65.47 6	iP	P	12 40 13.1	-0.9
DAG	Danmarks Havn		eP	P		
UZH	Uzhgorod	65.48 42	eP	P	12 40 12.5	-2.0
UZH			e		12 40 15.5	
UZH			e		12 40 21.1	
UZH			e		12 40 48.9	
MCMT	McKenzie Canyo	65.48 314	eP	P	12 40 15.0	0.0
DRGR		65.50 44	iP	P	12 40 16.0	-0.2
KOLS	Kolonickie sedl	65.51 42	eP	P	12 40 14.9	+0.1
KOLS	comp=Z,28nm,1.4s	65.51 42	eP	P	12 40 14.9	+0.1
KOLS	Kolonickie sedl		eP	P		
MMB	Muscovites	65.58 80	eP	P	12 40 17.0	+0.9
PDMCI	Parker Dam,Lak	65.82 302	P	P	12 40 17.3	+0.2
MPEP	Malo Peshtene	65.84 48	eP	P	12 40 18.3	+1.3
KWP	Kalwaria Pacia	65.90 41	eP	P	12 40 18.0	+0.7
CHMT	Chamberlain Mo	66.00 316	eP	P	12 40 17.9	-0.5
Y12C	Blythe	66.14 301	P	P	12 40 19.4	+0.3
SLMT	Seeley Lake	66.21 316	eP	P	12 40 19.0	-0.5
IDI	Anoyia	66.31 57	LR	LR	13 08 14.1	
IDI	comp=Z,336nm,20.8s	66.31 57	LR	LR	13 08 14.1	
GLA	Glamis	66.39 301	eP	P	12 40 20.1	-0.1
GLA	comp=Z,245nm,2.0s	66.39 301	eP	P	12 40 22.7	+1.9
GLA	comp=Z,97nm,2.1s	66.39 301	eP	P	12 40 20.3	-0.5
GLA	Glamis		eP	P		
GLA	comp=Z,97nm,2.1s	66.39 301	eP	P	12 40 22.7	+1.9
RZN	Rozhen	66.43 50	eP	P	12 40 21.0	-0.1
MSO	Missoula	66.46 316	eP	P	12 40 20.2	-0.9
MSO	comp=Z,31nm,1.6s	66.46 316	eP	P	12 40 22.1	+1.0
HLID	Hailey	66.48 312	P	P	12 40 20.6	-0.8
HLID	comp=Z,21nm,1.2s	66.48 312	eP	P	12 40 21.1	-0.2
HLID			LR	LR		
SWMT	Swartz Lake	66.58 316	eP	P	12 40 21.3	-0.6
YBMT	Yellow Bay	66.63 317	eP	P	12 40 21.7	-0.5
IRM	Iron Mountain	66.66 302	P	P	12 40 22.4	-0.1
SHRP	Sheep Range	66.69 304	eP	P	12 40 24.6	+1.7
WALA	Waterton Lakes	66.71 318	eP	P	12 40 23.4	+0.7
LVV	L'vov	66.77 41	eP	P	12 40 21.8	-1.1
LVV			e		12 40 28.2	
SANT	Santorini	66.78 56	PFAKE	LR	12 40 30.0	+6.7
SANT			LR	LR		
JTMT	Jette	66.80 317	eP	P	12 40 22.5	-0.7
BLMT	Blacktail Moun	66.83 317	eP	P	12 40 24.4	+0.5
ELK	Elko	66.90 309	eP	P	12 40 24.0	-0.2
ELK			eP	P		
BC3	Big Cackwall	66.91 301	P	P	12 40 23.6	-0.6
KDZ	Kurdzhali	66.95 50	eP	P	12 40 23.2	-1.0
VOIR	Voiron	66.96 46	iP	P	12 40 23.5	-0.8
EDM	Edmonton	66.98 323	eP	P	12 40 23.3	-0.9
EDM	comp=Z,100nm,1.2s	66.98 323	eP	P	12 40 23.3	-0.9
EDM	Edmonton		eP	P		
EDM	comp=Z,101nm,1.3s	66.98 323	eP	P	12 40 23.3	-0.9
R11A	Troy Canyon, C	67.08 306	eP	P	12 40 24.6	-0.6
R11A	Troy Canyon, C	67.08 306	eP	P	12 40 25.2	-0.1
GMRC	Granite Moun	67.08 302	P	P	12 40 25.1	-0.2
BSMT	Bassoo Peak	67.15 317	eP	P	12 40 25.1	-0.4
HOPE	Hope Point	67.17 175	PFAKE	LR	12 40 40.0	+1.5
HOPE			LR	LR		
SWSC	S Sam W. Stewart	67.20 300	P	P	12 40 24.5	-1.4
BUR04	Bucovina Ar. S	67.29 44	eP	P	12 40 26.1	-0.3
BURAR	Bucovina Array	67.29 44	iP	P	12 40 25.9	-0.4
TUQ	Turquoise Moun	67.30 303	P	P	12 40 25.2	-1.5
BELC	Belle Mtn. Jos	67.36 302	P	P	12 40 26.0	-1.1
IBP	Imperial Blvd	67.46 300	P	P	12 40 26.4	-1.3
MFID	Camas Ranch	67.49 312	eP	P	12 40 27.2	-0.5
TPNV	Topopah Spring	67.57 305	eP	P	12 40 29.4	+1.0
TPNV	comp=Z,230nm,2.4s	67.57 305	eP	P	12 40 28.3	-0.1
TPNV	Topopah Spring		eP	P		
TPNV	Topopah Spring		eP	P		
SHOC	Shoshone	67.59 304	P	P	12 40 27.6	-0.7
MLR	Muntele Rosu	67.60 46	LR	LR	13 09 06.3	
MLR	Muntele Rosu		LR	LR		
HEC	Hector,Ludlow	67.63 303	P	P	12 40 27.8	-0.5
PFO	Pinyon Flat Ob	67.75 301	eP	P	12 40 30.2	+0.7
PFO	comp=Z,220nm,2.5s	67.75 301	eP	P	12 40 30.1	+0.6
PFO	Pinyon Flat Ob		eP	P		
PFO	Pinyon Flat Ob		eP	P		
PFO	Pinyon Flat Ob		eP	P		
RES	Resolute Bay	67.77 347	eP	P	12 40 28.7	0.0
RES	Resolute Bay		eP	P		
BAR	Barrett	67.95 300	eP	P	12 40 30.8	+0.1
GSC	Goldstone	68.02 303	eP	P	12 40 31.4	+0.3
GSC	comp=Z,36nm,1.3s	68.02 303	eP	P	12 40 30.4	-0.8
GSC	Goldstone		eP	P		
GSC	Goldstone		eP	P		
FURC	Furnace Creek,	68.06 304	P	P	12 40 30.8	-0.5
BBRC	Big Bear Solar	68.12 302	P	P	12 40 31.2	-0.8
VRI	Vrincioia	68.17 46	iP	P	12 40 30.5	-1.3
109C	Camp Elliot, M	68.31 300	P	P	12 40 32.6	-0.3
MURC	Murrieta	68.37 301	P	P	12 40 32.8	-0.5
BMN	Battle Mountai	68.40 309	eP	P	12 40 33.7	+0.1
BMN	comp=Z,260nm,2.7s	68.40 309	eP	P	12 40 33.7	+0.1
BMN	Battle Mountai		eP	P		
GRAC	Grapevine Rang	68.47 305	P	P	12 40 34.2	+0.3
MPMC	Manual Propsec	68.57 304	P	P	12 40 34.2	-0.6

BMO	Blue Mountains	68.64 313	eP	P	12 40 34.1	-0.8
BMO	comp=Z,45nm,1.9s	68.64 313	eP	P	12 40 34.1	-0.8
BMO	Blue Mountains		eP	P		
DAC	Darwin (Calif)	68.65 304	eP	P	12 40 35.7	+0.4
DAC	comp=Z,132nm,2.2s	68.65 304	eP	P	12 40 35.7	+0.4
DAC	Darwin (Calif)		eP	P		
BFS	Mount Baldy Ra	68.74 302	P	P	12 40 35.0	-0.7
LRMC	Laurel Mountai	68.74 303	P	P	12 40 35.3	-0.4
NEW	Newport	68.75 317	eP	P	12 40 34.3	-1.1
NEW	comp=Z,39nm,1.1s	68.75 317	eP	P	12 40 34.3	-1.1
NEW	Newport		eP	P		
NEW	Newport		eP	P		
NEW	comp=Z,2um,20.0s	69.00 303	P	P	12 40 37.0	-0.2
EDW2	Edwards Air Fo	69.00 303	P	P	12 40 39.3	+1.4
MWC	Mount Wilson	69.07 302	eP	P	12 40 39.3	+1.4
MWC	comp=Z,60nm,1.6s	69.07 302	eP	P	12 40 39.3	+1.4
MWC	Mount Wilson		eP	P		
PASC	Pasadena Art C	69.17 302	eP	P	12 40 39.7	+1.4
PASC	comp=Z,53nm,1.5s	69.17 302	eP	P	12 40 39.7	+1.4
NV01	Mina Array Bea	69.21 306	eP	P	12 40 38.2	-0.5
NVAR	Mina Array Bea	69.21 306	eP	P	12 40 37.9	-0.8
NVAR	comp=Z,1.9nm,0.8s,baz=90,slow=6.5,SNR=14	69.21 306	eP	P	12 40 37.9	-0.8
NVAR			LR	LR	13 10 47.7	
TSUM	Tsuebei	69.27 116	PFAKE	LR	12 40 50.0	+1.1
TSUM			LR	LR		
TIRR	Tirgusor	69.28 47	eP	P	12 40 40.2	+1.5
TIRR	comp=Z,22um,2.0s	69.28 47	eP	P	12 40 40.2	+1.5
TIRR	Tirgusor		eP	P		
ISA	Isabella	69.38 303	eP	P	12 40 40.7	+1.1
ISA	comp=Z,210nm,2.2s	69.38 303	eP	P	12 40 39.1	-0.5
ISA	Isabella		eP	P		
ISA	Isabella		eP	P		
YKA	Yellowknife Ar	69.41 332	P	P	12 40 37.1	-2.1
YKA	comp=Z,4nm,0.9s,baz=110,slow=36,SNR=8.9	69.41 332	P	P	12 40 37.1	-2.1
J08A	Circle Bar Ran	69.42 312	eP	P	12 40 39.5	-0.3
MTUM	Tungsten Hills	69.42 305	eP	P	12 40 41.8	+1.8
C09A	Christman Ranch	69.48 316	eP	P	12 40 39.1	-0.9
WVOR	Wild Horse Val	69.51 311	eP	P	12 40 39.8	-0.6
WVOR	comp=Z,22nm,1.2s	69.51 311	eP	P	12 40 39.8	-0.6
WVOR	Wild Horse Val		eP	P		
WVOR	comp=Z,22nm,1.2s	69.51 311	eP	P	12 40 39.8	-0.6
VSU	Vasula	69.62 32	iP	P	12 40 38.8	-1.7
VSU	comp=Z,106nm,1.1s	69.62 32	iP	P	12 40 38.8	-1.7
MLAC	Mammoth Lakes	69.64 306	P	P	12 40 40.1	-1.3
ARVC	Arvin	69.68 303	P	P	12 40 40.6	-0.8
KIS	Kishinev	69.68 44	eP	P	12 40 40.0	-1.2
KIS	comp=Z,400nm,2.0s	69.68 44	eP	P	12 40 40.0	-1.2
KIS	Kishinev		eLR	LR	13 06 18.0	
KIS	Kishinev		eLR	LR		
KIS	comp=Z,500nm,17.0s	69.68 44	eP	P	12 40 40.0	-1.2
KIS			MLR	MLR		
MINK	Minsk	69.69 36	eP	P	12 40 40.0	-1.0
MICGM	Minsk	69.72 36	eP	P	12 40 40.0	-1.2
FINES	FINESS Array B	69.80 29	P	P	12 40 39.5	-2.1
FINES	comp=Z,33nm,1.2s,baz=239,slow=10.0,SNR=9.4	69.80 29	P	P	12 40 39.5	-2.1
FINES			LR	LR	13 06 05.7	
G08A	Pilot Rock	69.83 314	eP	P	12 40 41.5	-0.8
D08A	Woolin Farm,	69.88 316	eP	P	12 40 41.6	-0.8
BLG	Laguna Peak	69.90 302	P	P	12 40 41.6	-1.2
RCTC	Rector, Farmer	69.98 304	P	P	12 40 42.1	-1.1
ALE						

4d 12h

Table with columns: Station Name, SNR, Az, El, P, R, Time, Res. Includes stations like GNI, DGRG, FYU, KMBO, etc.

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Table with columns: Station Name, SNR, Az, El, P, R, Time, Res. Includes stations like RAR, DGRG, MIDW, etc.

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Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like WRAB, TURN, DALY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOTU, GRAU, OSTU, FORU, AAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RM33, CAMP, RM32, RM29, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UZP, ANTB, DGB, THR1, etc.

CSEM 04 13:09:09.8, 42.49N:13.32E, h11km, ML2.6/16, After ROM

CSEM 04 13:09:48.1, 42.48N:13.32E, h12km, ML1.8/5, After ROM

CSEM 04 13:09:48.1, 42.48N:13.32E, h12km, ML1.8/5, After ROM

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RM33, CAMP, RM32, RM29, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARG, NIS1, NIS2, etc.

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

4d 13h

Table with columns: Name, RA, Dec, P, M, Az, El, S, N, E, W, etc. Includes entries like SZAC, KYTH, DID, SVRHR, KRND, etc.

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Table with columns: Name, RA, Dec, P, M, Az, El, S, N, E, W, etc. Includes entries like KOT, KOT, BRBR, BRBR, HHAG, HHAG, etc.

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Table with columns: Name, RA, Dec, P, M, Az, El, S, N, E, W, etc. Includes entries like ASAR, ASAR, WRKA, MKAR, etc.

4d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include KOLS Kolonick sedl, KOLS Kolonick sedl, GEYT Alibek, KBZ Khabaz, VYHS Vyhne, BRTR Keskin Array B, BR21 Keskin Array A, ASAR Alice Springs.

IDC 04 16:42:50.1, 3.1, 2573Sx175.46W, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.9/34, mbtmp4.0/5, ML4.0/1, Error ellipse: s-maj=144.9km s-min=31.6km az=155.0, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include DZM Mont Dzumac, ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, CMAR Chiang Mai Arr, HFS Hagfors, AKMSG Malin Array Be, BRTR Keskin Array B.

IDC 04 16:48:27.1, 0.5, 60.774S:24.89W, h0km, mb4.8/1, mb1 4.8/11, mb1mx4.5/20, mbtmp4.8/11, MS4.1/13, Ms1 4.1/13, ms1mx4.0/19, Error ellipse: s-maj=18.9km s-min=15.3km az=46.0

ISCJB 04 16:48:27.3, 0.4, 60.70S:0.08, 24.8W:0.1, h11km, mb4.9/21, MS4.1/12, Error ellipse: s-maj=11.6km s-min=9.4km az=32.8

BUI 04 16:48:31.1, 60.70S:24.80W, h31km, mb5.3/11, Ms5.3/7, Ms7.4/9.7

AWI 04 16:48:32.0, 60.77S:24.87W, NEIC 04 16:48:32.8, 1.7, 60.71S:24.79W, h37km, 14km, mb5.1/18, Error ellipse: s-maj=8.7km s-min=6.5km az=216.0

GCMT 04 16:48:32.8, 0.3, 61.08S:24.41W, h16km, 1km, MW5.0/71, Moment Tensor Solution. s24,c31; s71,c101; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-2.84±.25; Mw3.32±.17; Mw0-0.48±.16; Mw0.62±.47; Mw1.74±.10; Mw0.75±.55; Best double couple: M33.63600x10^16 Np1.270.00000, s52.00000, l-59.00000, NP2: 0.446.00000, 847.00000, l-123.00000. Principal axes: T 4.0100, P1g3.0000, Azm339.0000; N -0.7530, P1g24.0000, Azm70.0000; P -3.2630, P1g66.0000. Azm243.0000; nst2 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 04 16:48:28.9, 0.3, 60.71S:0.09, 24.77W:0.08, h11km, n108, s126/105, mb5.0/21, MS4.1/12, 1C-ID, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, VNA3 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SNA3 Sanae, PMSA Palmer Station, PMSB Palmer Station, EFI East Falkland, UFI East Falkland, USHA Ushuaia, GYSA Gyrolog, SPO South Pole Qui, QSPA Scott Base, TRQA Torquet, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, MAW Mawson, MAW Mawson, CPUP Villa Florida, CPUP Scott Base, CPUP East Falkland, CPUP East Falkland, VNA Vanda, VNA Vanda, LCO Las Campanas, BOSA Boshof, BOSA Boshof, BOSA Boshof, BOSA Boshof, BDFB Brasilia, BDFB Limon Verde, CASY Casey, LBTB Lotbatse, H10S2 ASCENSION HYDR2, H10S3 ASCENSION HYDR2, H10S1 ASCENSION HYDR2, H10N1 ASCENSION HYDR3, H10N3 ASCENSION HYDR3, H10N2 ASCENSION HYDR3, LPAZ La Paz.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include LPAZ La Paz, RCBR Riachuelo, SAML Samuel, LSZ Lusaka, NNA Nana, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, OTAV Otavalo, TOAO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr, JTS JuntasAbangare, ASAR Alice Springs, MDT Midelt, GNI Gnampt, AKMSG Malin Array Be, TPNU Topopah Spring, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, HWUT Hardware Ranch, HW06 Boulder Array, HWFS Hagfors, NV01 Mina Array Sit, NVAR Mina Array Be, ULM Lac du Bonnet, NB2 NORSAR Subarray, NOA NORSAR Array, LOHW Long Hollow, TPWA Teton Pass, MOOW Moose Ponds, FWXY Fox Creek, IMW Indian Meadow, FLWY Flagg Ranch, BMM Battle Mountain, QNZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, WYOR Wild Horse Val, FINES FINESS Array B, HRY Holter Researc, KSH Kashi, KSH Kashi, KSH Kashi, BMO Blue Mountains, MSO Missoula, AKTO Aktyubinsk, G08A Pilot Rock, AAK Ala-Archa, GYA Gуйyang, GYA Gуйyang, GYA Gуйyang, ARCES ARCES Array B, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, BVAR Borovoye Array, MKAR Makanchi Array, LZH Lanzhou, LZH Lanzhou, YKA Yellowknife Arr, ZALV Zalesovo Beam, DLBC Dease Lake, TIA Tai'an, TIA Tai'an, TIA Tai'an, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, SONM Songino Array, SONAI Songino Array, UNLN Ulanbatar, INUV Inuvik, INK Inuvik, KSRS Wonju Array Be, KSRS Wonju Array B, KS01 Wonju Array Sit, EGAK Eagle, MENT Mentasta, DOT Dot Lake, IL1 Eielson Array, ILAR Eielson Array, CCB Clear Creek Bay, RND Reindeer, COLA Collee, MLY Manley, COLD Coldfoot, COLD Coldfoot.

IDC 04 16:52:02.3, 3.3, 3.93S-99.50E, h0km, mb3.4/6, mb1 3.6/6, mb1mx3.4/45, mbtmp3.4/5, MS3.3/1, Ms1 3.3/1, ms1mx2.6/27, Error ellipse: s-maj=129.9km s-min=20.7km az=57.0, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include LEM Lemang, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, H0N1 Diego Garcia H, H0N2 Diego Garcia H, H0N3 Diego Garcia H, NJ2 Nanjing, LSA Lhasa, XAN Xi'an, XAN Xi'an.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include H0S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, TXAR Torodi Arr.

ISCJB 04 16:55:50.0, 0.4, 8.35S:0.05, 108.86E:0.03, h99km, 3km, mb4.2/20, Error ellipse: s-maj=9.0km s-min=3.5km az=17.2

BUI 04 16:55:50.8, 3.0S:108.90E, h85km, mb4.6/9, mb5.1/3, Ms4.5/11

DJA 04 16:55:51.0, 0.6, 8.54:1.0'9E, h36km, 5km, M4.8/29, mb4.9/16, mb5.4/11, MLV4.9/29, Mw(m)4.8/11

NEIC 04 16:55:52.3, 0.7, 8.10S:108.93E, h93km, 7km, mb4.4/11, Error ellipse: s-maj=12.9km s-min=6.7km az=215.0

IDC 04 16:55:53.8, 1.2, 7.85S:109.05E, h105km, 11km, mb3.9/13, mb1 4.0/15, mb1mx3.8/39, mbtmp4.3/15, MS3.1/1, Ms1 3.3/1, ms1mx2.6/31, Error ellipse: s-maj=22.3km s-min=10.4km az=52.0

ISC 04 16:55:49.9, 0.8, 8.37S:0.05, 108.85E:0.03, h71km, 8km, n81, s1971/84, mb4.2/20, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CMJ1 Cimerak, CMJ2 Cimerak, CISI Cisomet, UGM Wonangata, UGM Wonangata, LEM Lembang, LEM Lembang, LEM Lembang, CGJ1 Cibinong, CGJ2 Cibinong, SMRI Semarang, SMRI Semarang, SMRI Semarang, WJ01 Wonogiri, WJ02 Wonogiri, PCJ1 Pakitan, SKJ1 Sukabumi, SKJ2 Sukabumi, NGJ1 Ngawi, UJW1 Ujung Watu, PAGER1 Pagerjogo, CGJ1 Cibinong, XMS Christmas Isla, XMS Christmas Isla, BAW1 Bawean, KAS1 Kota Agung, KLI Kotabumi, ABJ1 Bagong Agung, TPI Tanjungpandang, LWL1 Lingsar, MDSI Maura Dua, IGBI Denpasar, DNP Denpasar, SRBI Singaraja, PPBI Pangkajene, MNAI Manapa, KSI Kappahang, TWSI Taliwang, Sumb, MMRI Maumere, BATI Baunata, BATI Baunata, BATI Baunata, BSI Baunata, GSI Warramunga Arr, IPM Ipo, SOEI Soe, SOEI Soe, KULM Kulim, MBWA Marlab Bar, MBWA Marlab Bar, MYDM Mydang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MTN Mantong Dam, SIJI Sorong, GSI Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, SZP Santa, CMAR Chiang Mai Arr, ASAR Alice Springs, CHTO Chiang Mai, PALK Pallekele, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, H0N1 Diego Garcia H, H0N2 Diego Garcia H, H0N3 Diego Garcia H, NJ2 Nanjing, LSA Lhasa, XAN Xi'an, XAN Xi'an.

Table with 4 columns: BR, Station Name, Time, Res. Includes Keskin Array B, ARCES ARCESS Array B, TXAR.

BUI 04 17:07:18.2, 8:80S; 119:80E, h26km, mb5.0/34, mb5.0/22, Ms4.5/3, Ms7.4/32

NEIC 04 17:07:31.7, 0.7, 8:66Sk; 119:73E, h133km, mb4.8/13, Error ellipse: s-maj=9.2km s-min=6.6km az=52.0

ISCJB 04 17:07:31.4, 0.3, 8:84S; 0.03; 119:86E; 0.03, h154km, 3km, mb4.3/31, Error ellipse: s-maj=5.5km s-min=3.9km az=24.6

IDC 04 17:07:32.2, 1.7, 8:45S; 119:83E, h132km, 15km, mb4.1/24, mb1.4/26, mb1mx4.1/45, mbtmp4.5/26, MS3.4/4, Ms1.3/4.4, ms1mx2.9/31, Error ellipse: s-maj=14.6km s-min=10.0km az=57.0

DJA 04 17:07:34.0, 0.1, 9:52; 12:0E, h90km, 4km, M4.8/44, mb5.1/44, mb5.3/28, MLV5.2/25, Mw(mb)4.7/28

KLM 04 17:07:38.5, 8:48S; 119:98E, h197km, mb4.8, MS5.6

ISC 04 17:07:31.5, 0.6, 8:90S; 0.05; 119:74E; 0.05, h168km, 6km, n146, s166/154, mb4.3/30, 8C-5D, Flores region

Main table of station data for the left column, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

Main table of station data for the middle column, including columns for Code, Station Name, Time, Res, and ISC.

Table of station data for the right column, including columns for Code, Station Name, Time, Res, and ISC.

AUST 04 17:16:26.6; 18.0, 14:00S; 170:93E, h590km, 5km, Error ellipse: s-maj=6.3km s-min=2.1km az=226.0

IDC 04 17:16:32.5, 2.8, 14:40S; 170:54E, h632km, 33km, mb3.3/10, mb1.3/4.1, mb1mx3.1/31, mbtmp4.2/11, Error ellipse: s-maj=25.8km s-min=22.5km az=138.0

ISCJB 04 17:16:33.2, 1.2, 14:3S; 0.1; 170:3E; 0.2, h650km, mb3.7/10, Error ellipse: s-maj=27.9km s-min=13.4km az=26.6

ISC 04 17:16:34.8; 1.0, 14:3S; 0.1; 170:3E; 0.2, h650km, n24, s1516.26, mb3.8/10, 1C-1D, Vanuatu Islands region

Main table of station data for the right column, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

ISCJB 04 17:32:47.4; 0.5, 38:81N; 0.03; 23:68E; 0.05, h23km, 4km, Error ellipse: s-maj=7.1km s-min=4.4km az=171.7

CSEM 04 17:32:47.3; 0.2, 38:81N; 0.03; 23:68E; 0.05, h23km, MD2.6, Error ellipse: s-maj=4.0km s-min=2.8km az=94.0

ATH 04 17:32:47.3, 38:82N; 23:68E, h20km, 1km, MD2.6/6

THE 04 17:32:48.0, 38:83N; 23:68E, h13km, 1km, ML2.1/6, Error ellipse: s-maj=1.7km s-min=0.5km az=197.0

ISC 04 17:32:47.0; 0.9, 38:83N; 0.02; 23:69E; 0.03, h16km, 6km, n37, s022/58, Greece

Main table of station data for the right column, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

ISCJB 04 17:32:58.0; 4.0, 38:04N; 0.02; 21:23E; 0.02, h8km, 2km, Error ellipse: s-maj=3.1km s-min=2.6km az=38.8

ATH 04 17:32:58.7, 38:06N; 21:25E, h16km, 1km, MD3.2/21

CSEM 04 17:32:58.6; 0.2, 38:04N; 21:25E, h5km, ML3.0, Error ellipse: s-maj=3.1km s-min=2.6km az=38.8

4d 18h

Table with columns: ITM, Ithomi, 2.15 197 ePN, Pn, 18 04 03.3 +0.7, etc.

MAN 04 18:11:03,18:40N-119:74E, h9km, mb4.8, ML3.7, MS3.8, 1D, Philippine Islands region

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

ISCJB 04 18:22:23.0, 2.0, 81.89N, 0.0, 42.121.84E, 0.02, h8km, 6km, mb3.4/7, MS3.6/2, Error ellipse: s-maj=6.6km s-min=3.7km az=173.9

TAP 04 18:22:24.6, 1.21.87N, 121.62E, h14km, ML3.9, C IDC 04 18:22:24.4, 1.0, 21.82N, 121.70E, h0km, mb3.5/7, mb1 3.5/8, mb1mx3.4/5.3, mbtmp3.5/8, MS3.3/3, Ms1 3.3/3, ms1mx2.7/32, Error ellipse: s-maj=46.8km s-min=18.6km az=66.0

JMA 04 18:22:24.8, 0.2, 21.94N, 121.65E, h40km, M3.8 ISC 04 18:22:24.1, 1.6, 22.00N, 0.0, 42.121.74E, 0.04, h1km, 10km, n7.5, r1502/89, mb3.3/7, 2C-1D, Taiwan region

Main table for 4d 18h section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

2010 NOV

Main table for 2010 NOV section with columns: YOJ, YON, HATJ, etc., including station names and coordinates.

206

Main table for 206 section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Agios Nikonas, Voula, Athens, Nisos Agina, etc.

DDA 04 18:37:48.9, 37.10N:28.84E, h7km, Md3.3
ISCJB 04 18:37:48.3, 37.06N:28.88E, h5km, MD2.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Diego Garcia H, Diego Garcia H, etc.

DDA 04 18:37:48.9, 37.10N:28.84E, h7km, Md3.3
ISCJB 04 18:37:48.3, 37.06N:28.88E, h5km, MD2.9

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TURN, TURUN, DALY, DALYAN, etc.

DDA 04 18:48:30.2, 40.13N:31.84E, h7km, MD2.8
ISCJB 04 18:48:32.0, 40.15N:31.74E, h12km, 6km,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AUMIH, MDUB, BTAS, etc.

NNC 04 18:58:28.4, 1.4, 38.37N:70.33E, h0km, mb3.6, mpv3.4
ISCJB 04 18:58:32.1, 1.8, 38.4N:70.23E, h2km, Error

ISC 04 18:58:35.2, 3.38N:70.06E, 0.07, h23km, n9,
s=184/12, 6C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DZET, SFK, MNAS, etc.

NEIC 04 19:35:20.7, 51.03N:176.40W, h26km, ML2.8(AEIC),
After AEIC-, Andean/O Islands

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GSTD, GSTR, TAFL, etc.

BUJ 04 19:39:54.6, 33.20N:115.07W, h4km, mb5.4/4, mb5.4/1, Ms4.7/1

ISCJB 04 19:39:58.4, 1.5, 32.95N:115.89W, h0km, mb3.4/1,
mb1.3/8.6, mb1mx3.6/52, mbtmp3.6/5, ML3.2/4, MS3.3/5,

NEIC 04 19:39:59.5, 32.86N:116.00W, h13km, mb4.0/3,
ML4.4(EXC), ML4.6(PAS), After PAS.

NEIC Felt [IV] at Brawley and Ocotillo and [III] at Alpine,
Calxico, El Centro and Tecate. Felt throughout the

MEX 04 19:40:00.0, 0.7, 33.04N:115.98W, h16km, 26km, MD4.6
ECX 04 19:40:00.0, 0.7, 32.85N:116.00W, h6km, MD4.4, ML4.6

ISC 04 19:39:59.5, 0.7, 32.86N:115.99W, 0.02, h14km, 4km,
n146, s1949/177, 9C-10D, California-Baja California

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

DREC Desert Rsrch C 0.46 97 eP Pg 19 40 09.0 +0.2
BAR Barrett 0.60 253 eP Pg 19 40 18.5 -0.7

CBX Cerro Prieto 0.73 127 eS Pg 19 40 13.2 -0.6
CBX Cerro Bola 0.79 226 eP Pg 19 40 14.2 -0.7

CBX Cerro Bola 0.79 226 eP Pg 19 40 14.2 -0.7
CBX Cerro Bola 0.79 226 eP Pg 19 40 14.2 -0.7

SDRC San Diego Road 0.81 261 eS Pg 19 40 14.2 -1.0
SDRC San Diego Road 0.81 261 eS Pg 19 40 14.2 -1.0

PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3
PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3

PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3
PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3

PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3
PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3

PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3
PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3

PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3
PFO Pinyon Flat Ob 0.84 333 eP Pg 19 40 14.6 -1.3

GLA Glamis 1.00 79 eP Pg 19 40 16.7 -1.9
GLA Glamis 1.00 79 eP Pg 19 40 16.7 -1.9

BELC Belle Mtn. Jos 1.14 360 P Pg 19 40 18.9 -2.1
BELC Belle Mtn. Jos 1.14 360 P Pg 19 40 18.9 -2.1

BELC Belle Mtn. Jos 1.14 360 P Pg 19 40 18.9 -2.1
BELC Belle Mtn. Jos 1.14 360 P Pg 19 40 18.9 -2.1

MURC Murruti 1.25 306 P Pg 19 40 20.8 -1.8
MURC Murruti 1.25 306 P Pg 19 40 20.8 -1.8

IRM Iron Mountain 1.48 28 P Pg 19 40 23.8 -1.8
IRM Iron Mountain 1.48 28 P Pg 19 40 23.8 -1.8

Y12C Blythe 1.52 54 S Pg 19 40 24.2 -2.0
Y12C Blythe 1.52 54 S Pg 19 40 24.2 -2.0

BBRC Big Bear Solar 1.60 331 P Pg 19 40 26.4 -1.1
BBRC Big Bear Solar 1.60 331 P Pg 19 40 26.4 -1.1

ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3
ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3

ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3
ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3

ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3
ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3

ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3
ECBX El Chintero 1.60 150 eP Pg 19 40 27.6 +0.3

4d 20h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Parker Dam, San Clemente I, Mount Wilson, Pasadena Art C, etc.

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Table with columns: TXAR, LR, LR, 19 47 06.4, etc. Includes stations like Horse Butte, Dilton, Mouth DOGAM, etc.

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Table with columns: ALS, eS, Sn, 19 41 51.4 +0.6, etc. Includes stations like Tsauring, ChNS5, ChNS6, etc.

GUC 04 19:49:30.2±0.6,45:36S×72:81W, h22km±7km, ML3.5, 1D,

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Puerto Aysen, Cochrane, Huinay, etc.

IDC 04 20:06:53.7±2.9,6:16S×150:28E, h0km±, mb3.8/3,

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

IDC 04 20:19:04.6±5.6, 16:80S×168:74E, h165km±68km, mb3.6/5,

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Charters Tower, Warramunga Arr, etc.

CSEM 04 20:32:17.8±0.2, 38:94N×20:62E, h2km, MD3.5, Error

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Lefkada island, Palaion Diasel, Prodomos, etc.

JAN		S	Sg	20 32 42.8 +0.9
JAN	Janina	0.74 14 ePb	Pg	20 32 32.1 -0.2
JAN	Janina	0.74 14 P	Pg	20 32 32.4 +0.1
JAN		eSb	Sg	20 32 41.4 -0.5
JAN		S	Sg	20 32 42.8 +0.9
VLS	Valsamata	0.77 181 ePb	Pg	20 32 32.1 -0.7
VLS	Valsamata	0.77 181 S	Pg	20 32 43.8 -0.6
VLS	Valsamata	0.77 181 P	Pg	20 32 44.0 -0.4
VLS	Valsamata	0.77 181 S	Pg	20 32 32.1 -0.7
VLS	Valsamata	0.77 181 S	Pg	20 32 43.8 -0.6
PVO	Paravola	0.78 114 ePb	Pg	20 32 43.4 0.0
PVO	Paravola	0.78 114 P	Pg	20 32 43.4 0.0
PVO	Paravola	0.78 114 P	Pg	20 32 32.5 -0.7
PVO	Paravola	0.78 114 S	Pg	20 32 44.3 -0.6
PVO	Paravola	0.78 114 P	Pg	20 32 32.5 -0.7
PVO	Paravola	0.78 114 S	Pg	20 32 43.4 0.0
KFL	Anninata	0.84 171 ePb	Pg	20 32 33.3 -1.0
KFL	Anninata	0.84 171 P	Pg	20 32 45.2 -0.1
KFL	Anninata	0.84 171 P	Pg	20 32 33.5 -0.8
KFL	Anninata	0.84 171 S	Pg	20 32 35.5 -0.8
EVR	Evrytania	0.93 91 ePb	Pg	20 32 35.2 -0.9
EVR	Evrytania	0.93 91 S	Pg	20 32 48.5 +0.3
EVR	Evrytania	0.93 91 P	Pg	20 32 35.4 -0.7
EVR	Evrytania	0.93 91 S	Pg	20 32 49.3 0.0
EVR	Evrytania	0.93 91 P	Pg	20 32 35.4 -0.7
EVR	Evrytania	0.93 91 S	Pg	20 32 35.4 +0.3
AXS	Araxos	0.96 141 P	Pg	20 32 35.3 -1.2
AXS	Araxos	0.96 141 P	Pg	20 32 35.3 -1.2
KEK	Kerkira	0.99 321 ePb	Pg	20 32 36.2 -1.1
KEK	Kerkira	0.99 321 S	Pg	20 32 36.2 0.0
KEK	Kerkira	0.99 321 S	Pg	20 32 36.4 -0.9
KEK	Kerkira	0.99 321 S	Pg	20 32 51.6 +0.5
KEK	Kerkira	0.99 321 P	Pg	20 32 36.4 -0.9
KEK	Kerkira	0.99 321 S	Pg	20 32 50.2 0.0
KEK	Kerkira	0.99 321 S	Pg	20 32 51.6 +0.5
RLS	Riolos of Patr	1.11 143 ePb	Pg	20 32 37.9 -1.5
RLS	Riolos of Patr	1.11 143 ePb	Pg	20 32 37.9 -1.5
UPR	University Cam	1.13 125 ePb	Pg	20 32 39.2 -0.6
UPR	University Cam	1.13 125 ePb	Pg	20 32 39.2 -0.6
EPF	Epipalio	1.14 117 ePb	Pg	20 32 38.6 -1.4
EPF	Epipalio	1.14 117 P	Pg	20 32 38.6 -1.4
EPF	Epipalio	1.14 117 P	Pg	20 32 38.6 -1.4
EPF	Epipalio	1.14 117 P	Pg	20 32 38.6 -1.4
MAKR	Makrakomi, Fth	1.19 86 ePb	Pg	20 32 40.0 -0.9
MAKR	Makrakomi, Fth	1.19 86 P	Pg	20 32 40.0 -0.9
MAKR	Makrakomi, Fth	1.19 86 P	Pg	20 32 40.0 -0.9
MAKR	Makrakomi, Fth	1.19 86 P	Pg	20 32 40.0 -0.9
SERG	Sergoula	1.25 115 ePb	Pg	20 32 40.5 -1.6
SERG	Sergoula	1.25 115 P	Pg	20 32 40.5 -1.6
SERG	Sergoula	1.25 115 P	Pg	20 32 40.5 -1.6
SERG	Sergoula	1.25 115 P	Pg	20 32 40.5 -1.6
THL	Klokotos Trika	1.25 60 ePb	Pg	20 32 40.2 -2.0
THL	Klokotos Trika	1.25 60 P	Pg	20 32 40.2 -2.0
THL	Klokotos Trika	1.25 60 P	Pg	20 32 40.2 -2.0
THL	Klokotos Trika	1.25 60 P	Pg	20 32 40.2 -2.0
LAKA	Lakka	1.28 123 ePb	Pg	20 32 40.9 -1.6
LAKA	Lakka	1.28 123 P	Pg	20 32 40.9 -1.6
LAKA	Lakka	1.28 123 P	Pg	20 32 40.9 -1.6
LAKA	Lakka	1.28 123 P	Pg	20 32 40.9 -1.6
DRO	Drossia	1.31 139 ePb	Pg	20 32 41.3 -1.6
DRO	Drossia	1.31 139 P	Pg	20 32 41.1 -1.8
DRO	Drossia	1.31 139 P	Pg	20 32 41.2 -1.5
DRO	Drossia	1.31 139 P	Pg	20 32 41.1 -1.8
DRO	Drossia	1.31 139 P	Pg	20 32 41.1 -1.8
DRO	Drossia	1.31 139 P	Pg	20 32 42.2 +1.5
KALE	Kalitheia	1.32 114 ePb	Pg	20 32 42.0 -1.1
KALE	Kalitheia	1.32 114 P	Pg	20 32 41.9 -1.1
KALE	Kalitheia	1.32 114 P	Pg	20 32 41.9 -1.1
AGG	Agios Georgios	1.34 86 ePb	Pg	20 32 42.6 -0.7
AGG	Agios Georgios	1.34 86 P	Pg	20 32 42.6 -0.7
AGG	Agios Georgios	1.34 86 P	Pg	20 32 42.6 -0.7
AGG	Agios Georgios	1.34 86 P	Pg	20 32 42.6 -0.7
KLV	Kalavryta, Ach	1.50 126 ePb	Pg	20 32 44.0 -1.6
KLV	Kalavryta, Ach	1.50 126 P	Pg	20 32 44.0 -1.6
KLV	Kalavryta, Ach	1.50 126 P	Pg	20 32 44.0 -1.6
KLV	Kalavryta, Ach	1.50 126 P	Pg	20 32 44.0 -1.6
NEST	Nestorio	1.51 13 ePb	Pb	20 32 46.4 -0.1
NEST	Nestorio	1.51 13 P	Pb	20 32 46.4 -0.1
NEST	Nestorio	1.51 13 ePb	Pb	20 32 46.4 -0.1
DSF	Desfina	1.59 109 ePb	Pb	20 32 47.8 -0.1
DSF	Desfina	1.59 109 P	Pb	20 32 48.0 +0.1
DSF	Desfina	1.59 109 ePb	Pb	20 32 47.8 -0.1
DSF	Desfina	1.59 109 ePb	Pb	20 32 47.8 -0.1
AXAR	Agios Charalam	1.61 96 ePb	Pg	20 32 47.9 -0.3
AXAR	Agios Charalam	1.61 96 P	Pg	20 32 49.5 +0.5
AXAR	Agios Charalam	1.61 96 ePb	Pg	20 32 47.9 -0.3
AXAR	Agios Charalam	1.61 96 P	Pg	20 32 49.5 +0.5
KZN	Kozani	1.63 33 ePb	Pb	20 32 48.2 -0.4
KZN	Kozani	1.63 33 P	Pb	20 32 46.7 -0.6
KZN	Kozani	1.63 33 P	Pb	20 32 46.7 -0.6
KZN	Kozani	1.63 33 P	Pb	20 32 46.7 -0.6
KZN	Kozani	1.63 33 ePb	Pb	20 32 48.2 -0.4
AMT	Artemida-Makis	1.65 148 ePb	Pg	20 32 47.7 +0.1
AMT	Artemida-Makis	1.65 148 P	Pg	20 32 47.6 0.0
AMT	Artemida-Makis	1.65 148 P	Pg	20 32 47.6 0.0
AMT	Artemida-Makis	1.65 148 P	Pg	20 32 47.6 0.0
GOUR	Goura	1.69 126 ePb	Pg	20 32 47.7 -0.5
GOUR	Goura	1.69 126 P	Pg	20 32 47.6 -0.6
GOUR	Goura	1.69 126 P	Pg	20 33 11.4 +0.3
GOUR	Goura	1.69 126 P	Pg	20 32 47.6 -0.6
GOUR	Goura	1.69 126 P	Pg	20 33 11.4 +0.3
THAL	Thalero	1.84 119 ePb	Pg	20 32 51.9 -0.3
THAL	Thalero	1.84 119 ePb	Pg	20 32 51.9 -0.3
LIT	Litokhoron	1.86 51 P	Pg	20 32 51.7 -0.7
LIT	Litokhoron	1.86 51 P	Pg	20 32 51.7 -0.7
LIT	Litokhoron	1.86 51 P	Pg	20 32 51.7 -0.7
LKR	Lokris	1.89 98 ePb	Pb	20 32 51.1 +0.3
LKR	Lokris	1.89 98 ePb	Pb	20 32 51.1 +0.3
FNA	Florina	1.93 17 ePb	Pb	20 32 53.0 -0.7
FNA	Florina	1.93 17 P	Pb	20 32 53.0 -0.7
FNA	Florina	1.93 17 P	Pb	20 32 53.0 -0.7
SMIA	Simia	2.03 91 ePb	Pg	20 32 53.9 +1.2
SMIA	Simia	2.03 91 ePb	Pg	20 32 53.9 +1.2
ITM	Ithomi	2.04 149 ePb	Pg	20 32 53.4 +0.4
ITM	Ithomi	2.04 149 ePb	Pg	20 32 53.4 +0.4
LTK	Loutrikion	2.05 116 ePb	Pg	20 32 54.8 -1.1
LTK	Loutrikion	2.05 116 ePb	Pg	20 32 54.8 -1.1
VLX	Vlachokerasia	2.10 138 ePb	Pg	20 32 54.7 +0.9
VLX	Vlachokerasia	2.10 138 ePb	Pg	20 32 54.7 +0.9
OHR	Ohrid	2.17 4 ePb	Pg	20 32 56.7 -1.2
OHR	Ohrid	2.17 4 ePb	Pg	20 32 28.9 +1.0
OHR	Ohrid	2.17 4 ePb	Pg	20 32 28.9 +1.0
OHR	Ohrid	2.17 4 ePb	Pg	20 32 28.9 +1.0
VIL2	Platees	2.21 109 ePb	Pb	20 32 57.4 -1.0
PYL	PYLOS	2.23 156 ePb	Pg	20 32 56.7 +1.2
PYL	PYLOS	2.23 156 ePb	Pg	20 32 56.7 +1.2
VILL	Villia	2.25 109 ePb	Pg	20 32 57.4 +1.5
MRKA	Markates	2.33 95 ePb	Pg	20 32 58.0 +1.0
MRKA	Markates	2.33 95 ePb	Pg	20 32 58.0 +1.0
GRG	Griva	2.44 34 ePb	Pg	20 32 58.8 +0.4
GRG	Griva	2.44 34 P	Pg	20 32 59.0 +0.6
GRG	Griva	2.44 34 P	Pg	20 32 59.0 +0.6
GRG	Griva	2.44 34 P	Pg	20 32 59.0 +0.6
HRIT	Horiatia	2.53 46 ePb	Pg	20 32 59.9 +0.2
KRANID	Kranidion	2.54 127 ePb	Pg	20 33 00.7 +1.0
KRANID	Kranidion	2.54 127 ePb	Pg	20 33 00.7 +1.0
KRANID	Kranidion	2.54 127 ePb	Pg	20 33 00.7 +1.0
PAIG	Paliouris	2.57 67 ePb	Pg	20 33 00.6 +0.4
PLG	Polygyros	2.61 56 ePb	Pg	20 33 01.4 +0.6
VAY	Valandovo	2.81 32 ePb	Pg	20 33 06.0 +2.5
VAY	Valandovo	2.81 32 ePb	Pg	20 33 06.0 +2.5
KNT	Kendrikon	2.83 38 ePb	Pg	20 33 04.2 +0.5
KNT	Kendrikon	2.83 38 ePb	Pg	20 33 04.2 +0.5
VLI	Veliaj	2.88 140 ePb	Pg	20 33 05.9 +1.4
VLI	Veliaj	2.88 140 ePb	Pg	20 33 05.9 +1.4
OVR	Ouranopolis	2.95 61 ePb	Pg	20 33 06.1 +0.7
OVR	Ouranopolis	2.95 61 ePb	Pg	20 33 06.1 +0.7
PE1	Peze di Greco	3.00 308 ePb	Pg	20 33 07.6 +0.4
KYTH	Kithira	3.28 143 ePb	Pg	20 33 11.9 +1.9
KYTH	Kithira	3.28 143 ePb	Pg	20 33 11.9 +1.9
PDG	Podgorica	3.63 344 ePb	Pg	20 33 14.6 -0.2
PDG	Podgorica	3.63 344 ePb	Pg	20 33 14.6 -0.2
CDT	Casitel del Mon	3.96 304 ePb	Pg	20 33 19.5 +0.2

Central Italy

CSEM 04 20:37:55.3, 42.49N, 13.31E, h11km, MD1.57, After ROM
ROM 04 20:37:55.3, 42.49N, 13.31E, h11km, MD1.57, After ROM
MI1.4/2, Error ellipse: s-maj=2.7km s-min=2.1km az=4.0,
Central Italy

Code	Station Name	Δ° AZ'	Phase ID	ISC h m s ISC	Time Res
RM33	Pellecrista	0.07 289	Pg	20 37 58.0 +0.1	0.0
RM33	Pellecrista	0.07 289	Pg	20 37 59.9 +0.1	0.0
RM33	Pellecrista	0.07 289	Pg	20 37 58.0 +0.1	0.0
RM33	Pellecrista	0.07 289	Pg	20 37 59.9 +0.1	0.0
RM32	Poggio Cancell	0.09 352	Pg	20 37 58.2 +0.1	0.0
RM32	Poggio Cancell	0.09 352	Pg	20 38 00.2 +0.1	0.0
RM32	Poggio Cancell	0.09 352	Pg	20 37 58.2 +0.1	0.0
RM32	Poggio Cancell	0.09 352	Pg	20 38 00.2 +0.1	0.0
CAMP	Campotosto	0.09 56	Pg	20 37 58.2 +0.1	0.0
CAMP	Campotosto	0.09 56	Pg	20 38 00.1 0.0	0.0
CAMP	Campotosto	0.09 56	Pg	20 37 58.2 +0.1	0.0
CAMP	Campotosto	0.09 56	Pg	20 38 00.1 0.0	0.0
RM29	Verrico (Monte)	0.11 314	Pg	20 37 58.6 +0.2	0.0
RM29	Verrico (Monte)	0.11 314	Pg	20 38 01.2 +0.6	0.0
RM29	Verrico (Monte)	0.11 314	Pg	20 37 58.6 +0.2	0.0
RM29	Verrico (Monte)	0.11 314	Pg	20 38 01.2 +0.6	0.0
SMA1	SAN MARTINO	0.15 8	Pg	20 38 00.4 +0.1	0.0
SMA1	SAN MARTINO	0.15 8	Pg	20 38 02.3 +0.9	0.0
SMA1	SAN MARTINO	0.15 8	Pg	20 38 00.4 +0.1	0.0
SMA1	SAN MARTINO	0.15 8	Pg	20 38 02.3 +0.9	0.0
FAGN	Fagnano	0.30 137	Pg	20 38 02.1 +0.6	0.0
FAGN	Fagnano	0.30 137	Pg	20 38 02.1 +0.6	0.0
NRC	Norcica	0.38 338	Pg	20 38 02.8 -0.2	0.0
NRC	Norcica	0.38 338	Pg	20 38 02.8 -0.2	0.0
NRC	Norcica	0.38 338	Pg	20 38 02.8 -0.2	0.0
NRC	Norcica	0.38 338	Pg	20 38 02.8 -0.2	0.0

NNC 04 20:48:26.6, 0.9, 39.75N, 74.13E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=11.5km s-min=4.7km az=25.0
KRNET 04 20:48:26.7, 0.1, 39.52N, 73.78E, mb2.7
ISC 04 20:48:26.3, 1.7, 39.58N, 0.08, 73.98E, 0.04, h10km, n21,
s=139/35, 25C-8D, Tajikistan-Xinjiang border region

Code	Station Name	Δ° AZ'	Phase ID	ISC h m s ISC	Time Res
SFK	Sufi-Kurgan	0.56 320	Op	20 48 37.4 0.0	0.0
SFK	Sufi-Kurgan	0.56 320	Op	20 48 37.4 0.0	0.0
SFK	Sufi-Kurgan	0.56 320	Op	20 48 37.4 0.0	0.0
SFK	Sufi-Kurgan	0.56 320	Op	20 48 37.4 0.0	0.0
ARSB	Arslanbob	1.90 337	ePb	20 49 02.0 -0.8	0.0
ARSB	Arslanbob	1.90 337	ePb	20 49 02.0 -0.8	0.0
ARSB	Arslanbob	1.90 337	ePb	20 49 02.0 -0.8	0.0
ARSB	Arslanbob	1.90 337	ePb	20 49 02.0 -0.8	0.0
ARLS	Aral	2.29 61	ePb	20 49 09.5 -0.8	0.0
ARLS	Aral	2.29 61	ePb	20 49 09.5 -0.8	0.0
ARLS	Aral	2.29 61	ePb	20 49 09.5 -0.8	0.0
ARLS	Aral	2.29 61	ePb	20 49 09.5 -0.8	0.0
NRN	Naryn	2.41 39	iP	20 49 11.3 -1.2	0.0
NRN	Naryn	2.41 39	iP	20 49 11.3 -1.2	0.0
NRN	Naryn	2.41 39	iP	20 49 11.	

4d 21h

Table with columns: Gnd, comp, pmax, pmax, CPUP, Villa Florida, 99.71 243 LR, LR, 22 07 32.3. Rows include stations like ESDC, EKA, KLMR, MVO, MTE, etc.

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Table with columns: CPUP, Villa Florida, 99.71 243 LR, LR, 22 07 32.3. Rows include stations like SKHL, MOS, SKR, SKR, SKR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like JYAK, JYAK, JNN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WNT, EGS, YOJ, YOH, CHN4, etc.

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, Res Error. Includes stations like ROC1, AGUA, GUANDACOL, etc.

4d 22h

ASAJ	comp=Z,7.0nm,0.3s		smax	smax					
ASAJ	comp=N,6.0nm,0.3s		MLR	MLR					
ASAJ	comp=Z,498nm,20.0s	7.41	7 ePn	Pn	22 32 37.5 +0.1				
ASAJ	Asahikawa		eSn	Sn	22 33 59.0 -1.0				
YUK	Yuzh-Kuril'sk	8.05	24 d i P	Pn	22 32 45.2 -0.9				
YUK	YUK		i S	Sn	22 34 11.6 -4.1				
YUK	comp=Z,403nm,2.0s		pmax	pmax					
YUK	comp=N,34nm,0.3s		pmax	pmax					
YUK	comp=E,36nm,0.3s		pmax	pmax					
YUK	comp=Z,133nm,0.3s		smax	smax					
YUK	comp=N,999nm,2.3s		smax	smax					
YUK	comp=E,709nm,2.3s		MLR	MLR					
SHO	comp=Z,449nm,13.0s		i P	Pn	22 32 45.4 -3.5				
SHO	Shikotan	8.25	29 i P	Sn	22 34 12.0 -8.7				
SHO	comp=N,15um,20.0s		MLR	MLR					
SHO	comp=E,28um,20.0s		MLR	MLR					
SHO	comp=Z,14um,20.0s		MLR	MLR					
JNU	Nakatsue	9.30	250 P	Pn	22 33 04.5 +1.2				
JNU	comp=Z,1.2nm,0.3s,baz=66,slow=12,SNR=12		LR	LR	22 37 29.0				
JNU	comp=Z,494nm,19.1s,baz=65,slow=43		LR	LR	22 37 29.0				
JNU	Nakatsue	9.30	250 ePn	Pn	22 33 04.6 +1.2				
JNU	JNU		i S	Sn	22 34 46.4 -0.3				
VLA	Vladivostok	9.62	314 i P	Pn	22 33 09.0 +1.4				
CBIJ	Chichi jima	9.67	175 ePn	Pn	22 35 01.4 +7.1				
CBIJ	CBIJ		eSn	Sn	22 33 04.8 -3.5				
MSHR	Mys Shuitsa	9.74	310 eP	Pn	22 33 10.5 +1.2				
KUR	Kuril'sk	9.80	28 P	Pn	22 33 08.1 -2.0				
KUR	KUR		MLR	MLR	22 34 51.5 -7.2				
KUR	comp=N,18nm,0.6s		pmax	pmax					
KUR	comp=E,13nm,0.6s		pmax	pmax					
KUR	comp=Z,13nm,0.6s		pmax	pmax					
KUR	comp=Z,287nm,3.1s		smax	smax					
KUR	comp=N,900nm,4.2s		smax	smax					
KUR	comp=E,534nm,4.2s		smax	smax					
KSTBA	Taebaek	9.90	276 P	Pn	22 33 17.6 +6.0				
YSS	Yuzh-Sakhalins	10.24	6 i eP	Pn	22 33 14.5 -1.6				
YSS	YSS		eS	Sn	22 35 01.5 -7.9				
YSS	comp=N,900nm,16.0s		MLR	MLR					
YSS	comp=E,900nm,16.0s		MLR	MLR					
USRK	comp=Z,600nm,16.0s		MLR	MLR					
USRK	Usuriysk Ar.	10.27	319 P	Pn	22 33 18.9 +2.4				
USRK	comp=Z,3.9nm,0.3s,baz=131,slow=12,SNR=106		LR	LR	22 37 02.3				
KSJA	INJE	10.58	281 P	Pn	22 33 27.8 +7.0				
KSJA	comp=Z,2um,19.4s,baz=123,slow=36		LR	LR	22 33 27.8 +7.0				
KSJA	SNR=5.3		LR	LR	22 33 27.8 +7.0				
KSRS	Korea Array	10.72	278 P	Pn	22 33 25.7 +3.1				
KSRS	comp=Z,1.1nm,0.3s,baz=90,slow=13,SNR=46		LR	LR	22 37 20.1				
KSRS	comp=Z,1um,20.4s,baz=88,slow=36		LR	LR	22 37 20.1				
KSRS	Korea Array	10.72	278 P	Pn	22 33 25.7 +3.1				
KSRS	KSRS		pmax	pmax					
KSRS	comp=Z,1.0nm,0.3s		MLR	MLR					
KSAR	Wonju Array Be	10.75	278 P	Pn	22 33 25.8 +2.7				
KSAR	Wonju Array Be	10.75	278 P	Pn	22 33 25.8 +2.7				
KSCPR	CHUPUNGNYEONG	10.75	271 P	Pn	22 33 28.4 +5.2				
KSCPR	SNR=9.2		LR	LR	22 33 28.4 +5.2				
KSBOON	Boeun	10.86	273 P	Pn	22 33 29.9 +5.2				
KSBOON	SNR=11		LR	LR	22 33 29.9 +5.2				
TJN	Taejon	11.22	272 i P	Pn	22 33 30.4 +0.8				
KSCEA	Cheonan	11.27	275 P	Pn	22 33 35.6 +5.4				
KSCEA	SNR=5.5		LR	LR	22 33 35.6 +5.4				
KSJEU	Jeongeup	11.70	268 P	Pn	22 33 41.7 +5.6				
KSJEU	SNR=7.3		LR	LR	22 33 41.7 +5.6				
MDJ	Mudanjiang	11.85	315 P	Pn	22 33 43.7 +5.6				
MDJ	MDJ		PcP	Pn	22 39 20.3 -2.8				
MDJ	MDJ		ScP	Pn	22 42 55.4 +3.3				
MDJ	MDJ		PMZ	PMZ					
MDJ	comp=Z,70nm,0.9s		PMZ	PMZ					
MDJ	comp=Z,200nm,6.1s		PMZ	PMZ					
MDJ	Mudanjiang	11.85	315 ePn	Pn	22 33 42.2 +4.1				
HABR	Khabarovsk	12.57	341 eP	Pn	22 33 46.9 -1.0				
HABR	HABR		eS	Sn	22 36 04.6 -1.8				
HABR	HABR		pmax	pmax					
HABR	comp=E,41nm,2.2s		pmax	pmax					
HABR	comp=N,10.0nm,1.2s		pmax	pmax					
HABR	comp=Z,42nm,2.2s		pmax	pmax					
CN2	Changchun	13.99	305 eP	Pn	22 34 09.4 +2.1				
CN2	CN2		eS	Sn	22 34 24.6				
CN2	CN2		eS	Sn	22 36 44.2 +3.1				
CN2	comp=Z,20nm,0.8s		LN	LN					
CN2	comp=Z,490nm,17.0s		LE	LE					
TYV	comp=Z,720nm,17.0s		LE	LE					
TYV	Tymovskoe	14.13	3 eP	Pn	22 34 08.8 -0.3				
TYV	TYV		pmax	pmax					
KLR	Kul'dur	14.27	334 eP	Pn	22 34 07.0 -4.1				
SNY	Shenyang	14.63	296 i P	Pn	22 34 16.7 +0.9				
SNY	SNY		PMZ	PMZ					
SNY	comp=Z,120nm,1.8s		LN	LN					
SNY	comp=Z,750nm,16.3s		LE	LE					
SNY	comp=Z,870nm,18.8s		LE	LE					
SNY	comp=Z,870nm,18.8s		LZ	LZ					
DL2	Dalian	15.70	284 P	Pn	22 34 30.7 +0.9				
DL2	DL2		eS	Sn	22 37 21.3 -1.4				
DL2	DL2		PMZ	PMZ					
DL2	comp=Z,38nm,0.9s		PMZ	PMZ					
NJ2	Nanjing	19.10	262 eP	P	22 35 10.1 -0.7				
NJ2	NJ2		PMZ	PMZ					
TIA	Tai'an	19.45	276 i P	P	22 35 13.6 -1.0				
TIA	TIA		PMZ	PMZ					
TIA	comp=Z,20nm,0.9s		LN	LN					
TIA	comp=Z,470nm,12.5s		LE	LE					
TIA	comp=Z,480nm,14.9s		LE	LE					
TIA	comp=Z,590nm,17.2s		LZ	LZ					
BJI	Beijing	19.95	287 P	P	22 35 19.3 -0.7				
BJI	BJI		S	Sn	22 39 07.5 +2.1				
BJI	BJI		PMZ	PMZ					
BJI	comp=Z,27nm,1.0s		LN	LN					
BJI	comp=Z,190nm,15.0s		LE	LE					
BJT	Baijiatau	19.95	287 eP	P	22 35 19.4 -0.6				
BJT	BJT		pmax	pmax					
BJT	comp=Z,82nm,0.9s		PMZ	PMZ					
BJT	Baijiatau	19.95	287 eP	P	22 35 19.4 -0.6				
PETK	Petropavlovsk-	19.96	30 P	P	22 35 19.2 -0.8				
PETK	comp=Z,0.2nm,0.3s,baz=208,slow=12,SNR=6.3		LR	LR	22 43 35.8				
PETK	comp=Z,104nm,18.8s,baz=218,slow=38		LR	LR	22 43 35.8				

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HIA	Hailar	20.04	315 eP	P	22 35 19.9 -1.0				
PET	Petropavlovsk	20.29	31 eP	P	22 35 22.5 -1.1				
PET	PET		eS	S	22 39 03.4 -5.0				
PET	PET		MLR	MLR					
YHNB	comp=Z,200nm,17.0s		MLR	MLR					
Yeheng	20.91	240 eP	P	22 35 28.9 -1.6					
NACB	Ninganchiao	21.07	239 eP	P	22 35 31.4 -0.9				
SSLB	Suanguang	21.77	239 eP	P	22 35 36.7 -3.1				
YULB	comp=Z,403nm,2.8s		eP	P	22 35 39.5 -0.5				
YULB	Yu-li	21.80	238 eP	P	22 35 39.7 -3.1				
TPUB	comp=Z,108nm,1.8s		eP	P	22 35 43.1 -2.5				
TPUB	Ta-pu	21.81	239 eP	P	22 35 43.1 -2.5				
CLNS	comp=Z,394nm,2.4s		eP	P	22 35 49.6 -1.9				
CLNS	Chul'man	22.90	336 eP	P	22 35 49.6 -1.9				
CLNS	CLNS		e	P	22 36 13.1				
CLNS	CLNS		eS	S	22 39 57.2 -0.2				
CLNS	CLNS		eS	S	22 40 37.7 +5.0				
CLNS	comp=Z,22nm,0.9s		pmax	pmax					
CLNS	comp=E,6.0nm,0.9s		pmax	pmax					
CLNS	comp=Z,12nm,0.1s		pmax	pmax					
CLNS	comp=N,13nm,1.1s		pmax	pmax					
CLNS	comp=E,19nm,0.9s		pmax	pmax					
CLNS	comp=E,130nm,12.0s		smax	smax					
CLNS	comp=N,94nm,11.3s		smax	smax					
CLNS	comp=Z,446nm,15.0s		MLR	MLR					
CLNS	comp=N,301nm,14.0s		MLR	MLR					
CLNS	comp=E,367nm,14.0s		MLR	MLR					
WHN	Wuhan	23.24	262 i P	P	22 35 54.2 -0.9				
WHN	WHN		S	S	22 40 02.8 -1.2				
WHN	WHN		LZ	LZ					
HHC	comp=E,1um,17.2s		eP	P	22 35 55.6 -				

4d 22h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MMU Miners Mountain, ULM Lac du Bonnet, IRM Iron Mountain, etc.

2010 NOV

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S22A 4UR Ranch, GERES GERRSS Array B, Q24A Divide, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VNA1 Neumayer-Stat, LPAZ La Paz, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WTTA Wattenberg, KHC Kasperske Hory, FETA Feichten, etc.

NIED 04 23:51:00.33 90N:142.40E, h11km, Mw4.3 Best double couple: M2 930000.1015 NP1 54.00000.050.00000.0.1.7.00000. NP2 149.00000.085.00000.0.1.140.00000.0.

IDC 04 23:51:44.2.0.6. 33.98N:142.43E, h0km, mb4.1/20, mb1 4.2/25, mb1mx4.1/54, mb1mp4.1/25, ML3.8/5, MS3.1/9, Ms1 3.1/9, ms1mx2.9/31, Error ellipse: s-maj=15.5km s-min=14.6km az=170.0.

ISC/JB 04 23:51:45.8.1.6. 33.97N:0.04:142.41E:0.04, h23km, 11km, mb4.0/20, MS3.2/5, Error ellipse: s-maj=7.6km s-min=5.6km az=31.

JMA 04 23:51:46.0.0.3. 33.94N:142.42E, h28km, M4.3 ISC 04 23:51:46.0.0.3. 34.01N:0.06:142.41E:0.06, h11km, 21km, n50, c099/60, mb4.1/20, MS3.2/5, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, BSO4 Boso 4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, AKTO Aktyubinsk, KBZ Khabaz, etc.

DDA 04 23:57:17.8. 40.75N:29.15E, h19km, Md3.3 ISC 04 23:57:17.9. 40.74N:29.15E, h2km, MD2.8 ISC/JB 04 23:57:18.0. 40.74N:0.02:29.15E:0.02, h3km, 3km, Error ellipse: s-maj=3.7km s-min=3.1km az=12.2 CSEM 04 23:57:18.0. 40.73N:29.15E, h5km, MD3.3, Error ellipse: s-maj=2.9km s-min=2.4km az=11.0 ISC 04 23:57:18.0. 40.74N:0.02:29.15E:0.02, h11km, 6km, n74, c067/94, Turkey

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUY Buyukada, ARMT Armutlu, GEMT Gemlik, ISTAN Istanbul-Kandi, etc.

ISC/JB 05 00:01:56.8.0.7. 15.5N:0.1:46.7W:0.1, h17km, mb4.0/7, MS3.6/21, Error ellipse: s-maj=17.5km s-min=15.8km az=147.9 IDC 05 00:01:56.1.0.8. 15.53N:46.62W, h0km, mb4.1/8, mb1 4.3/9, mb1mx3.9/47, mb1mp4.2/9, ML4.5/1, MS3.6/22, Ms1 3.6/22, ms1mx3.6/29, Error ellipse: s-maj=23.9km s-min=19.9km az=129.9 ISC 05 00:01:58.7.0.8. 15.5N:0.1:46.7W:0.1, h17km, n31, c067/9, mb4.0/7, MS3.7/21, Northern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOS1 Guadeloupe/Mar, SJJ San Juan, PTGA Pitling, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDFB, LPAZ La Paz, H10N3 ASCENSION HYDR98, etc.

NEIC 05 00:02:26. 1.43:60S:172.32E, h4km, ML3.8(WEL), After WGL

NEIC Fault (IV) at Christchurch and Rolleston. WEL 05 00:02:26.1.0.1. 43.59S:172.33E, h5km, ML3.8/18, 3C-2D, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, etc.

5d 1h

Table with columns: KIW, MLZ, SYZ, etc. and rows for various stations like Kapiti Island, Mavora Lakes, etc.

ISCJB 05 00:02:57.6:0.5, 40.76N:03:29.12E:0.05, h9km, 5km, Error ellipse: s-maj=6.1km s-min=5.0km az=1.9

DDA 05 00:02:57.8: 40.74N:29.15E, h7km, MD2.9

CSEM 05 00:02:57.7:0.1, 40.77N:29.12E, h10km, MD2.6

ISC 05 00:02:57.1: 40.77N:29.15E, h14km, MD2.6

ISC 05 00:02:57.6:0.9, 40.77N:02:29.13E:0.03, h15km, 6km, n33, c0943/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like BUY, ARMT, ISK, etc.

MAN 05 00:36:46.9:24N:125.75E, h6km, mb4.4, ML3.2, MS3.1, 2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like BUTP, SCPH, etc.

ISC 05 00:43:59.3:3.3, 4.07S:98.87E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/3, mbtmp3.6/6, Error ellipse: s-maj=126.7km

ISCJB 05 00:44:04.2:1.1, 3.63S:0:08.99E:0.2, h33km, mb3.5/6, Error ellipse: s-maj=21.9km s-min=1.1km az=177.7

DJA 05 00:44:09.4:1.3, 3.7S:9.9E, h13km, 9km, M3.9/8, MLV3.9/8

ISC 05 00:44:06.7:1.3, 3.65S:0:1.99E:0.2, h35km, n13, c1541/13, mb3.5/6, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like PPSI, SISI, etc.

ISC 05 01:09:26.5:1.2, 20.51N:146.94E, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.7/51, mbtmp3.7/6, Error ellipse: s-maj=33.2km s-min=28.2km az=86.0

ISCJB 05 01:09:30.9:1.1, 20.50N:0:2.146E:0.2, h44km, mb3.7/6, Error ellipse: s-maj=33.3km s-min=24.7km az=170.1

ISC 05 01:09:32.6:1.2, 20.50N:0:2.146E:0.2, h44km, n6, c1542/6, mb3.8/6, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like KSRS, WRA, etc.

ISCJB 05 01:12:56.9:0.5, 20.16N:0:05.38E:0.04, h10km, mb4.2/27, MS3.4/11, Error ellipse: s-maj=8.2km s-min=5.1km az=157.6

SGS 05 01:12:56.5:0.9, 20.22N:38.70E, h25km

ISC 05 01:12:56.1:0.9, 20.12N:38.52E, h0km, mb4.0/13, mb1 4.1/16, mb1mx3.9/46, mbtmp4.0/16, ML3.2/3, MS3.4/13, Ms1 4.3/13, ms1mx3.1/42, Error ellipse: s-maj=21.3km

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like SHBS, EIL, ASF, etc.

ISCJB 05 01:12:58.4:0.4, 20.15N:38.48E, h10km, mb4.4/12, Error ellipse: s-maj=9.8km s-min=8.3km az=117.0

BUI 05 01:12:59.5: 20.20N:38.60E, h30km, mb4.6/9, mb4.8/4, CSEM 05 01:13:01.4:0.3, 20.17N:38.55E, h30km, mb4.4/14, Error ellipse: s-maj=10.5km s-min=8.4km az=149.0

TEH 05 01:13:01.8, 20.16N:38.65E, h30km, ML4.2

ISC 05 01:12:58.5:0.6, 20.21N:0:07.38E:0.06, h10km, n86, c1549/76, mb4.2/26, MS3.5/11, 1C, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like IDHR, IPIR, IRAM, etc.

ISCJB 05 01:12:59.0:0.5, 40.76N:03:29.12E:0.05, h9km, 5km, Error ellipse: s-maj=6.1km s-min=5.0km az=1.9

DDA 05 00:02:57.8: 40.74N:29.15E, h7km, MD2.9

CSEM 05 00:02:57.7:0.1, 40.77N:29.12E, h10km, MD2.6

ISC 05 00:02:57.1: 40.77N:29.15E, h14km, MD2.6

ISC 05 00:02:57.6:0.9, 40.77N:02:29.13E:0.03, h15km, 6km, n33, c0943/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for various stations like KOLS, KVAR, etc.

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Table with columns: LZH, SKM, KON, KKK, etc. and rows for various stations like Songo Array, Kota Kinabalu, etc.

IDC 05 01:17:17.9:0.4, 17.69S:167.84E, h0km, mb4.7/23, mb1 4.9/25, mb1mx4.8/38, mbtmp4.7/25, ML4.5/2, MS4.3/22, Ms1 4.3/22, ms1mx4.3/27, Error ellipse: s-maj=14.8km s-min=14.2km az=141.0

MOS 05 01:17:23.4:1.3, 17.60S:167.76E, h43km, mb5.3/35, Error ellipse: s-maj=8.6km s-min=7.6km az=39.9

ISCJB 05 01:17:23.8:1.6, 17.66S:0:04.167E:0.03, h51km, 14km, mb5.0/77, MS4.4/25, Error ellipse: s-maj=7.2km s-min=5.1km az=177.3

NEIC 05 01:17:23.5:1.2, 17.62S:167.82E, h36km, 11km, mb5.1/48, Error ellipse: s-maj=7.2km s-min=5.3km az=190.0

NEIC Felt at Port-Via

BUI 05 01:17:26.0: 16.90S:167.73E, h35km, mb5.0/44, MB5.2/34, MS4.9/13, MS7.4/5/21

AUST 05 01:17:27.5:1.9, 17.73S:167.76E, h66km, 14km, Error ellipse: s-maj=15.5km s-min=15.7km az=59.0

ISC 05 01:17:23.4:0.4, 17.75S:0:04.167E:0.06, h36km, 11km, h34km: p-P, n405, c1925/422, mb5.1/76, MS4.4/25, 9C-4D, Vanuatu Islands

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

WRA	comp=Z,8.9nm,1.4s,baz=93,slow=3.8,SNR=9.7	LR	LR	01 35 23.8
WRA	comp=Z,7.48nm,19.6s,baz=100,slow=34			01 55 19.1
AS01	comp=Z,1.8nm,0.8s,baz=291,slow=2.8,SNR=15	P	P	01 23 46.0 -2.3
AS15	Alice Springs 32.20 254 P	P	P	01 23 47.5 -1.1
ASAR	Alice Springs 32.21 254 P	P	P	01 23 47.3 -1.4
ASAR	comp=Z,15nm,0.8s,baz=80,slow=9.0,SNR=77	PcP	PcP	01 26 36.0 -1.0
ASAR	comp=Z,2.7nm,0.9s,baz=69,slow=2.7,SNR=4.4	ScP	ScP	01 30 22.8 +4.5
ASAR	comp=Z,0.9nm,0.8s,baz=74,slow=4.8,SNR=4.2	LR	LR	01 36 36.9
BBOO	Bucklebo 32.24 236 P	P	P	01 23 49.0 +0.2
BBOO	Bucklebo 32.24 236 eP	P	P	01 23 48.7 -0.1
MTN	Manton Dam 35.67 273 P	P	P	01 24 18.3 -0.5
WRKA	Warakurna 37.40 252 P	P	P	01 24 32.3 -1.2
KNRA	Kununurra 37.41 267 P	P	P	01 24 32.7 -0.9
FAKI	Fak Fak 37.85 289 eP	P	P	01 24 36.2 -1.1
SJUI	Sorong 39.64 291 P	P	P	01 24 50.5 -1.8
FITZ	Fitzroy Crossi 40.06 263 eP	P	P	01 24 55.8 -0.1
FITZ	Fitzroy Crossi 40.06 263 eP	P	P	01 24 55.5 -0.3
TBI	Tubuai 40.29 105 eS	S	S	01 31 11.8 +8.6
TBI	comp=Z,2.2um,25.0s	eLQ	LQ	01 34 32.7
TBI	comp=Z,2.2um,25.0s	eLR	LR	01 36 10.6
PPTZ	Papeete2 40.54 96 eLR	LR	LR	01 36 19.2
PPTZ	Papeete2 40.54 96 LR	LR	LR	01 38 21.3
PPT	Papeete 40.54 96 LR	LR	LR	01 25 20.2 +0.5
SOEI	Soe 42.95 275 P	P	P	01 25 19.9 +0.2
KMBL	Kambalda 43.62 243 eP	P	P	01 25 24.2 -0.6
MMRI	Maumere 45.19 275 eP	P	P	01 25 36.8 -0.7
MWBA	Marble Bar 45.33 258 eP	P	P	01 25 38.4 -0.2
MEEK	Meekatharra 46.17 250 P	P	P	01 25 45.1 -0.1
KLBR	Kellerberrin 47.15 243 P	P	P	01 25 51.7 -1.1
NWAO	Narrogin (SRO) 47.71 241 P	P	P	01 25 56.3 -0.9
RKGY	Rocky Gully 48.11 239 P	P	P	01 26 00.2 0.0
MORW	Morawa 48.49 247 P	P	P	01 26 02.8 -0.4
KAPI	Kappang 48.64 279 eP	P	P	01 26 04.9 +0.4
RKT	Rikitea 48.64 106 eLR	LR	LR	01 42 22.7
KKM	Kota Kinabalu 56.15 290 eP	P	P	01 27 00.4 +0.1
KSM	Kuching 59.73 283 eP	P	P	01 27 26.0 +0.6
KSM	Kuching 59.73 283 eP	P	P	01 27 25.8 +0.4
VNDA	Vanda 59.88 181 P	P	P	01 27 25.0 -0.4
VNDA	comp=Z,4.9nm,1.0s,baz=4.1,slow=6.2,SNR=9.5	LR	LR	01 50 42.8
VNDA	comp=Z,1.74nm,18.1s,baz=12,slow=34	P	P	01 27 25.0 -0.4
VNDA	comp=Z,5.0nm,1.0s	pmx	pmx	
VNDA	comp=Z,5.0nm,1.0s	pmx	pmx	
SBA	Scott Base 60.14 180 eP	P	P	01 27 25.8 +0.4
SBA	Scott Base 60.14 180 eP	P	P	01 27 28.8 +1.7
MJAR	Matsushiro Arr 60.81 333 P	P	P	01 27 30.4 -1.9
MJAR	comp=Z,2.3nm,1.1s,baz=166,slow=7.2,SNR=28	LR	LR	01 55 20.9
MAJO	Matsushiro 60.81 333 eP	P	P	01 27 30.9 -1.4
MAJO	comp=Z,1.59nm,1.1s	pmx	pmx	
MAJO	comp=Z,1.59nm,1.1s	pmx	pmx	
MAJO	comp=Z,1.4nm,0.6s	P	P	01 27 31.8 -0.5
MAT	Matsushiro 60.81 333 P	P	P	01 27 31.0 -1.3
MAT	Matsushiro 60.81 333 S	S	S	01 35 50.2 +2.7
CASY	Casey 60.96 203 eP	P	P	01 27 32.6 -0.3
KUR	Kuril'sk 65.25 345 P	P	P	01 27 57.3 -4.2
KUR	comp=Z,2.1nm,1.3s	i	i	01 28 36.3
KUR	comp=Z,2.1nm,1.3s	i	i	01 36 32.2 -1.0
KUR	comp=Z,2.1nm,1.3s	i	i	01 37 54.6
KUR	comp=Z,2.1nm,1.3s	i	i	01 40 58.4 +2.1
KUR	comp=Z,693nm,4.8s	MLR	MLR	
KUR	comp=Z,498nm,18.0s	MLR	MLR	
TJN	Taejon 66.02 325 i P	P	P	01 28 06.4 -0.3
KSRS	Korea Array 66.52 326 P	P	P	01 28 08.3 -1.6
KSRS	comp=Z,0.6nm,0.3s,baz=164,slow=4.9,SNR=3.0	P	P	
KSRS	Korea Array 66.52 326 P	P	P	01 28 08.3 -1.6
KSRS	comp=Z,1.0nm,0.3s	pmx	pmx	
KSAR	Wonju Array Be 66.53 326 P	P	P	01 28 08.3 -1.7
KSAR	Wonju Array Be 66.53 326 P	P	P	01 28 08.3 -1.7
QIZ	Giongzhong 67.67 300 P	P	P	01 28 18.4 +1.2
QIZ	comp=Z,2.1nm,1.3s	pP	pP	01 28 27.4 -0.6
QIZ	comp=Z,2.1nm,1.3s	sS	sS	01 37 12.4 +0.4
QIZ	comp=Z,2.1nm,1.3s	sS	sS	01 37 29.4 -0.7
MIR	Mirny 67.81 2051 eP	P	P	01 28 27.0 +9.3
MIR	comp=Z,40nm,1.0s	pmx	pmx	
NJ2	Nanjing 68.20 316 eP	P	P	01 28 20.2 -0.5
NJ2	comp=Z,1.4nm,0.6s	PMZ	PMZ	
YSS	Yuzh-Sakhalins 68.24 3421 eP	P	P	01 28 21.0 +0.4
YSS	comp=Z,2.1nm,1.3s	e	e	01 28 30.0
YSS	comp=Z,2.1nm,1.3s	eS	eS	01 37 22.0 +3.3
YSS	comp=Z,2.1nm,1.3s	ePS	ePS	01 37 43.0 -2.6
YSS	comp=Z,60nm,1.1s	pmx	pmx	
YSS	comp=Z,60nm,1.1s	MLR	MLR	
VLA	Vladivostok 68.98 333 eP	P	P	01 28 26.0 +0.7
VLA	comp=Z,800nm,19.0s	pmx	pmx	
IPM	Iloilo 69.45 282 eP	P	P	01 28 28.4 -0.5
USRK	Ussuriysk Ar. 69.80 333 P	P	P	01 28 31.0 +0.7
USRK	comp=Z,6.8nm,0.8s,baz=132,slow=2.8,SNR=13	LR	LR	01 58 55.9
PET	Petrovavlovsk 70.92 354 eP	P	P	01 28 44.5 +7.5
PET	comp=Z,200nm,17.0s	MLR	MLR	
PETK	Petrovavlovsk- 71.10 354 P	P	P	01 28 37.8 -0.3
PETK	comp=Z,1.6nm,1.0s,baz=156,slow=7.5,SNR=8.3	LR	LR	01 56 02.1
MDJ	Mudanjiang 71.18 332 eP	P	P	01 28 38.9 +0.1
HABR	Khabarovsk 72.11 338 eP	P	P	01 28 42.3 -1.9
HABR	comp=Z,2.1nm,1.3s	ePP	ePP	01 28 52.7 -2.0
HABR	comp=Z,2.1nm,1.3s	eSP	eSP	01 28 56.8 -1.8
HABR	comp=Z,2.1nm,1.3s	e	e	01 29 00.3
HABR	comp=Z,2.1nm,1.3s	e	e	01 31 22.6
HABR	comp=Z,2.1nm,1.3s	ePPP	ePPP	01 33 06.8
HABR	comp=Z,2.1nm,1.3s	eS	eS	01 38 02.9 -1.0
HABR	comp=Z,2.1nm,1.3s	eS	eS	01 38 45.4
HABR	comp=Z,2.1nm,1.3s	eSS	eSS	01 42 41.5 -0.7
HABR	comp=N,38nm,2.2s	pmx	pmx	
HABR	comp=E,32nm,2.2s	pmx	pmx	
HABR	comp=Z,30nm,2.2s	MLR	MLR	
HABR	comp=Z,84nm,20.0s	MLR	MLR	
QSPA	South Pole Qui 72.30 180 eP	P	P	01 28 45.5 +0.1

CN2	comp=Z,116nm,0.9s	72.49 329	iP	P	01 28 47.2 +0.6
CN2	Changchun		eS	S	01 29 00.1 -0.9
CN2	comp=Z,10.0nm,0.6s		PMZ	S	01 38 08.4 -0.1
CN2	comp=Z,200nm,4.0s		PMZ		
CN2	comp=Z,200nm,18.0s		LN		
CN2	comp=Z,100nm,18.0s		LE		
CN2	comp=Z,200nm,19.0s		LZ		
GYA	Guiyang 73.86 305 S	S	S	01 38 24.4 -0.7	
GYA	Guiyang 73.86 305 sS	sS	sS	01 38 41.0 -1.4	
GYA	Guiyang 73.86 305 SKS	SKS	SKS	01 38 57.9 -2.4	
GYA	Guiyang 73.86 305 SS	SS	SS	01 43 11.3 +1.3	
GYA	comp=Z,20nm,1.0s		pmx	pmx	
GYA	comp=Z,120nm,5.8s		pmx	pmx	
GYA	comp=N,520nm,21.2s		LR	LR	
GYA	comp=E,530nm,22.4s		LR	LR	
GYA	comp=Z,540nm,21.5s		LR	LR	
KUL	Kuldur 73.96 336 eP	P	P	01 28 52.7 -2.5	
KUL	comp=Z,100nm,1.8s		pmx	pmx	
LOEI	Loei 74.26 295 P	P	P	01 28 58.2 +0.6	
BJI	Beijing 74.93 321 P	P	P	01 29 02.4 +1.3	
BJI	comp=Z,7.0nm,0.8s		PMZ	S	01 38 37.1 +0.9
BJI	comp=Z,150nm,4.6s		PMZ		
BJI	comp=Z,190nm,13.2s		LN		
BJI	comp=Z,150nm,13.7s		LE		
BJI	comp=Z,140nm,28.6s		LZ		
NANT	Nan 75.28 296 P	P	P	01 29 08.9 +5.3	
LAMP	Lampang 76.09 295 P	P	P	01 29 16.1 +7.9	
XAN	Xi'an 76.11 313 P	P	P	01 29 09.1 +1.1	
XAN	comp=Z,8.0nm,0.8s		PMZ		
XAN	comp=Z,110nm,7.8s		PMZ		
KMI	Kunming 76.34 302 P	P	P	01 29 11.2 +1.4	
KMI	comp=Z,14nm,1.2s		PMZ		
CMAR	Chiang Mai Arr 76.66 295 P	P	P	01 29 13.1 +1.7	
CMAR	comp=Z,3.9nm,0.7s,baz=132,slow=4.2,SNR=20	LR	LR	02 01 50.6	
CMMT	Chiang Mai 76.80 295 P	P	P	01 29 18.3 +6.1	
CHTO	Chiang Mai 76.80 295 eP	P	P	01 29 13.7 +1.5	
CHTO	comp=Z,15nm,1.0s		pmx	pmx	
CHTO	Chiang Mai 76.80 295 eP	P	P	01 29 13.7 +1.5	
HHC	Hu-ho-hao-tee 78.21 320 eP	P	P	01 29 23.9 +3.1	
HHC	comp=Z,15nm,1.0s		PMZ	S	01 29 32.3 +2.2
HHC	comp=Z,15nm,1.0s		PMZ	S	01 29 36.3 +2.1
HHC	comp=Z,15nm,1.0s		PMZ	S	01 32 20.6 +3.5
HHC	comp=Z,15nm,1.0s		PMZ	S	01 39 11.7 -0.7
HHC	comp=Z,15nm,1.0s		PMZ	S	01 39 28.3 -3.6
HHC	comp=Z,15nm,1.0s		PMZ	S	01 39 31.9 -1.0
HHC	comp=Z,43nm,1.2s		PMZ		
HHC	comp=Z,170nm,7.4s		LN		
HHC	comp=Z,160nm,16.8s		LE		
HHC	comp=Z,150nm,16.8s		LE		
HHC	comp=Z,140nm,17.4s		LZ		
CD2	Chengdu 78.26 308 eP	P	P	01 29 20.2 0.0	
CD2	comp=Z,10.0nm,1.2s		pP	pP	01 29 30.6 -0.1
CD2	comp=Z,10.0nm,1.2s		sP	sP	01 29 34.7 +0.1
CD2	comp=Z,10.0nm,1.2s		PP	PP	01 32 20.7 +3.1
CD2	comp=Z,10.0nm,1.2s		sS	sS	01 39 14.7 +1.5
CD2	comp=Z,10.0nm,1.2s		PMZ	S	01 39 29.8 -0.8
CD2	comp=Z,110nm,4.2s		PMZ		
CD2	comp=Z,350nm,18.8s		LE		
CD2	comp=Z,210nm,18.1s		LZ		
HIA	Hailar 79.15 330c iP	P	P	01 29 25.3 +0.7	
HIA	comp=Z,29nm,1.1s		pmx	pmx	
HIA	Hailar 79.15 330 eP	P	P	01 29 25.1 +0.5	
MAW	Mawson 79.30 202 P	P	P	01 29 26.2 +1.0	
MAW	comp=Z,28nm,1.0s		S	S	01 29 26.3 +1.0
MAW	comp=Z,12nm,0.9s,baz=104,slow=6.1,SNR=29		P	P	01 29 26.3 +1.0
LZH	Lanzhou 80.73 312 eP	P	P	01 29 36.5 +2.8	
LZH	comp=Z,78nm,SNR=9.6		pP	pP	01 29 44.8 +0.6
LZH	comp=Z,64nm,1.2s		PMZ		01 29 49.0 +0.9
LZH	comp=Z,240nm,4.0s		PMZ		
LZH	comp=Z,190nm,16.6s		LZ		
SEY	Seymour 81.32 353 i P	P	P	01 29 35.3 -0.7	
CLNS	Chul'man 82.50 338 eP	P	P	01 29 43.2 +0.8	
CLNS	comp=Z,6.0nm,1.1s		pmx	pmx	
CLNS	comp=Z,37nm,1.0s		pmx	pmx	
CLNS	comp=N,16nm,1.2s		pmx	pmx	
IMP	Imphal 83.45 299 eP	P	P	01 29 48.0 -0.1	
CIT	Chita 83.93 330 eP	P	P	01 29 50.4 +0.5	
RSO	Redoubt South 84.17 18 eP	P	P	01 29 51.4 +0.3	
ULN	Ulanbaatar 84.87 324 d i P	P	P	01 29 55.3 +0.4	
ULN	comp=Z,99nm,1.7s		pmx	pmx	
ULN	Ulanbaatar 84.87 324 eP	P	P	01 29 55.7 +0.8	
ULN	comp=Z,50nm,1.0s	</			

ellipse: s-maj=24.6km s-min=10.7km az=87.0
BER 05 02:04:51.0,3.5,75.95N<7.94E,h6km,48km,MD1.9,
ML3.6(NAO)
IDC 05 02:04:51.0,3.0,75.95N<8.57E,h0km,mb3.6,mb1 3.9/9,
mb1mx3.5/44,mbtmp3.7/9,ML3.4/3,MS3.3/14,Ms1 3.3/14,
ms1mx3.1/40,Error ellipse: s-maj=14.9km s-min=10.5km
az=73.0

NAO 05 02:04:53.0,2.5,76.01N<9.21E,ML3.6
ISC 05 02:04:51.9,0.7,75.96N<0.05<8.77E<0.08,h10km,n39,
r=155/40,mb3.6/6,MS3.5/9,Greenland Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for various locations like Hornsund, Spitsbergen, and various array stations.

DJA 05 02:05:45.0,1.0,9.56<11.1E>,h30km,9km,ML4.2/3,
ML4.2/3,Java

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for Java region.

SJA 05 02:17:36.5,0.9,24.84S<65.64W,h4km,4km,ML2.6,
MW3.7,1D,Salta Province

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for Salta Province.

IDC 05 02:21:23.5,1.3,35.59S<72.89W,h0km,mb3.7/4,
mb1 3.8/8,mb1mx3.7/27,mbtmp3.7/8,ML3.6/3,MS2.7/3,
Ms1 2.7/3,ms1mx2.6/26,Error ellipse: s-maj=30.9km
s-min=18.3km az=92.0

GUC 05 02:21:25.0,2.5,35.69S<73.22W,h24km,5km,ML4.3
ISC 05 02:21:23.8,2.2,35.65S<0.04<73.19W<0.10,h10km=12km,
n31,r=185/36,mb3.7/4,3C-4D,Off coast of central Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for Chile region.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for various locations including Los Niches, Cavihue, Antupam, Cerro Calan, etc.

ISCJB 05 02:29:28.0,5.8,32.26N<0.04<115.33W<0.06,h14km,7km,
Error ellipse: s-maj=8.7km s-min=5.9km az=1.6
ECX 05 02:29:29.3,0.5,32.24N<115.31W,h6km,MD2.0,ML2.3
MEX 05 02:29:30.1,0.4,32.26N<115.17W,h16km,22km,MD3.4
ISC 05 02:29:28.2,1.0,32.25N<0.04<115.33W<0.05,h16km,8km,
n15,r=05/34/22,4C-1D,California-Baja California border
region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for California-Baja California border region.

IDC 05 02:35:21.4,1.1,21.48N<121.53E,h0km,mb3.8/6,
mb1 3.9/7,mb1mx3.6/30,mbtmp3.8/7,ML3.5/1,Error
ellipse: s-maj=73.2km s-min=18.9km az=69.0
NEIC 05 02:35:30.9,0.9,21.55N<121.69E,h80km,8km,mb4.0/2,
Error ellipse: s-maj=20.7km s-min=9.6km az=70.0
ISCJB 05 02:35:32.7,0.4,21.74N<0.03<121.58E<0.03,h96km,3km,
mb3.7/8,Error ellipse: s-maj=4.8km s-min=3.8km
az=149.8

TAP 05 02:35:32.7,21.75N<121.54E,h96km,ML4.2,C
JMA 05 02:35:32.4,0.3,21.74N<121.58E,h82km
ISC 05 02:35:32.6,0.8,21.58N<0.05<121.59E<0.04,h92km,6km,
n79,r=18/16/136,mb3.9/8,4C-1D,Taiwan region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for Taiwan region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Contains station data for various locations including KAU, TWM1, TWM2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include HHC, AGMN, SPITS, ANMO, XAN, ZALV, LZH, GTA, TX31, ARCES, SCHQ, KURK, CD2, WMQ, SADO, MKAR, BVAO, BVAR, BRVK, PDGK, KMI, QIZ, SDMD, FINES, TKM2, NB2, NOA, AAK, PMG, EKS2, AKTO, AB31, KSH, KAKR, KSH, OBN, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CMAR, TAPN, VRH, ODAN, GUN, VSR, RAMN, DZET, VORD, PKI, PKIN, DKN, KOLN, AKASG, KBL, KBL, KOLS, GEYT, KIV, KBZ, BURAR, VYHS, ZEI, DRGR, VRI, PLOA, CFR, ARR, TLB, TIRR, GZR, WRA, DIVS, BRTR, MALT, ASAR, ESDC, TORD, KMB0, MAW, BOSB, IDC 05 03:22:17.1, FITZ, WRA, ASAR, CTA, MKAR, MKAR, PETK, ASAJ, ILAR, MKAR, KURB, YKA, FINES, NOA, IDC 05 03:32:58.6, IDC 05 03:29:46.2, IDC 05 03:29:47.5, IDC 05 03:29:46.8, PETK, ASAJ, ILAR, MKAR, KURB, YKA, FINES, NOA, IDC 05 03:32:58.6, IDC 05 03:29:46.2, IDC 05 03:29:47.5, IDC 05 03:29:46.8, PETK, ASAJ, ILAR, MKAR, KURB, YKA, FINES, NOA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DZM, WRA, ASAR, SONM, ILAR, IDC 05 03:42:08.8, ISCJB 05 03:42:11.0, NEIC 05 03:42:14.6, ISC 05 03:42:13.1, Loyalty Islands, DZM, DZM, MSVF, RAO, URZ, HNR, CTA, CTAO, ASAR, WRAB, WRA, FITZ, FITZ, SIJI, MBWA, TNTI, KAPI, VNSA, KKM, MJAR, MJAR, KSRS, KSAR, IPM, MAW, CMAR, MA2, SNAE, YBH, NVAR, NVAR, NVAR, ELK, DLBC, NEW, TXAR, SAML, GRI, VRI, PLOA, JMB, ARR, PVL, MVR, RZN, BZS, LAST, DIVS, GERS, ABTA, TORD, TORD, IDC 05 03:46:21.5, IDC 05 03:49:41.1, IDC 05 03:49:42.6, IDC 05 03:49:42.0, NEIC 05 03:49:44.6, ISC 05 03:49:45.0, IDC 05 03:49:45.0, ETKA, ETKA, KIRH, KIKV, ADAG, KICM.

Table of astronomical observations for stations GSKC through BRTR, including station names, coordinates, and observation times.

ISC/JB 05 03:55:32.5:0.7, 20.6S:0.1x178.1W:0.1, h534km, mb4.1/12, Error ellipse: s-maj=20.9km s-min=11.5km az=141.1

Table of astronomical observations for stations CTA through TOR, including station names, coordinates, and observation times.

IDC 05:55:58.6:1.0, 20.07S:67.04W, h206km±19km, mb3.0/2, mb1 3.0/5, mb1mx2.9/24, mbtmp3.4/5, Error ellipse: s-maj=36.7km s-min=10.0km az=102.0, Southern

Table of astronomical observations for stations Code through TOR, including station names, coordinates, and observation times.

AUST 05 04:06:37.1±0.0, 7.70N:122.20E, h448km±1km, Error ellipse: s-maj=3.3km s-min=1.4km az=344.0

BUJ 05 04:07:07.7, 4.18N:123.57E, h548km, mb4.5/21, MB4.5/10

NEIC 05 04:07:11.6±0.5, 4.49N:123.40E, h548km±7km, mb4.4/22, Error ellipse: s-maj=12.0km s-min=5.6km az=48.0

IDC 05 04:07:12.7±1.2, 4.55N:123.51E, h569km±14km, mb3.6/20, mb1 3.7/23, mb1mx3.5/43, mbtmp4.6/23, Error ellipse: s-maj=20.5km s-min=7.9km az=67.0

Table of astronomical observations for stations Code through BATI, including station names, coordinates, and observation times.

Table of astronomical observations for stations BATI through XAN, including station names, coordinates, and observation times.

CTAO Charters Tower 33.19 138 eP P 04 13 04.1 +0.5

Table of astronomical observations for stations CTAO through EKSZ, including station names, coordinates, and observation times.

5d 4h

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KLM 05 04:38:01.8, 2.49N, 127.09E, h70km, mb4.7, MS5.7
ISCJB 05 04:38:02.3, 0.2, 2.29N, 0.03, 126.81E, 0.04, h63km,
mb4.6/51, Error ellipse: s-maj=5.2km s-min=3.6km
az=173.1

NEIC 05 04:38:02.5, 1.1, 2.27N, 126.93E, h54km, 11km, mb4.6/12,
Error ellipse: s-maj=12.4km s-min=7.9km az=57.0
MOS 05 04:38:02.2, 1.4, 2.19N, 126.57E, h58km, mb5.0/21, Error
ellipse: s-maj=15.7km s-min=6.8km az=110.0

DJA 05 04:38:03.7, 0.8, 2.2N, 127.17E, h19km, 11km, M4.8/14,
mb4.9/12, mb5.3/11, MLV, h/14, Mw(mB)4.7/11
AUST 05 04:38:05.0, 0.6, 2.36N, 126.75E, h98km, Error ellipse:
s-maj=11.8km s-min=0.9km az=22.0

ISC 05 04:38:04.3, 0.3, 2.27N, 0.04, 126.84E, 0.06, h63km, n166,
c1946/169, mb4.5/51, 3C-4D, Northern Molucca Sea

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

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

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

IDC 05 04:43:04.9, 2.4, 34.07N, 80.58E, h0km, mb3.6/6,
mb1.8/8, mb1mx3.5/36, mbtmp3.7/8, ML3.3/2, MS2.5/1,
n1 2.9/1, ms1mx2.2/33, Error ellipse: s-maj=5.3, 1km
s-min=31.6km az=124.0

ISC 05 04:43:11.4, 2.4, 34.3N, 02.80E, 0.03, h35km, n9, c089/8,
mb3.7/4, Xizang

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

MEX 05 04:48:01.2, 0.3, 13.72N, 92.88W, h19km, 21km, MD4.0
NEIC 05 04:48:01.2, 13.72N, 92.88W, h19km, mb4.0/12,
MD4.0(MEX), After MEX.

IDC 05 04:48:04.0, 2.6, 14.61N, 92.59W, h0km, mb4.0/3,
mb1.4/2.5, mb1mx3.7/39, mbtmp3.8/5, ML3.5/2, MS3.2/3,
Ms1.3/2.5, ms1mx2.7/32, Error ellipse: s-maj=103.3km
s-min=27.9km az=43.0

ISC 05 04:48:05.6, 1.6, 14.0N, 01.92W, 0.01, h37km, n27,
c1933/30, mb4.0/15, MS3.0/3, Near coast of Chiapas

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

comp=Z.26nm,21.0s,baz=350,slow=35
CMAR Chiang Mai Arr 145.710 PKPbc PKPab 05 07 41.3 -0.4

ISCJB 05 04:53:02.0 4.0, 36.105S:03:72:76W,0.06,h41km,4km,
mb4,3/27,MS3,7/5,Error ellipse: s-maj=8.7km
s-min=4.5km az=23.3

IDC 05 04:53:02.0 8.0, 36.103S:72:81W,h32km,4km,mb3,9/10,
mb1 4.0/13,mb1mx3.8/32,mbtmp4.0/13,ML4,3/2,MS3,5/8,
Ms1 3.4/8,ms1mx3.2/28,Error ellipse: s-maj=22.6km
s-min=15.3km az=85.0

NEIC 05 04:53:02.0, 36.14S:72:56W,h29km,mb4,6/20,
ML4.9(GUC),After GUC.
NEIC [V] at Cauquenes and Cobquecura; [IV] at Antuco,

Beñes, Cabrero, Chanco, Chillan, Ninhue, San Fabian,
San Ignacio and Yumbel; [III] at Arauco, Concepcion,
Coronel, Curanilahue, Lahu, Los Angeles, Mulchen,
Parral, Penco, Retiro, Santa Barbara, Talca and Tome.
GUC 05 04:53:03.0 0.8, 36.13S:72:56W,h29km,ML4,9
ISC 05 04:53:02.0, 36.06S:03:72:73W,0.06,h33km,3km,
h32km;pp-P,n61,1126/68,mb4,4/27,MS3,7/5,1C-2D,

Near coast of central Chile

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

ULM Lac du Bonnet 88.345 P P 05 05 48.9 -1.8
MDT Midett 93.55 52 LR LR 05 50 13.9
ABKAR Abkulaq arr 143.38 54 ePKPdf PKPbc 05 12 31.1 +0.5

ISCJB 05 05:11:51.7,0.8, 19.78S:01:17:58W,0.1,h150km,mb4,0/8,
Error ellipse: s-maj=23.7km s-min=8.6km az=20.8

IDC 05 05:11:52.0,2.6, 19.70S:175:90W,h133km,20km,mb3,8/6,
mb1 4.0/8,mb1mx3.6/35,mbtmp4.3/8,MS4,3/2,Ms1 4.3/2,
ms1mx3.0/27,Error ellipse: s-maj=29.1km s-min=15.1km
az=131.0

NEIC 05 05:11:55.0,1.5, 19.78S:175:87W,h163km,18km,mb4,5/6,
Error ellipse: s-maj=19.1km s-min=12.1km az=125.0

ISC 05 05:11:53.8,0.9, 19.85S:01:17:57W,0.2,h150km,n18,
1174/19,mb4,2/6,Tonga Islands

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

ISCJB 05 05:13:02.9,0.8, 40.81N:0:05:30.46E,0.05,h6km,6km,
Error ellipse: s-maj=9.3km s-min=4.8km az=26.5

DDA 05 05:13:03.1, 40.79N:30:46E,h7km,Md2.7
CSEM 05 05:13:03.1, 40.82N:30:46E,h8km,MD2.7, Error
ellipse: s-maj=3.5km s-min=1.7km az=26.0

ISK 05 05:13:03.0, 40.79N:30:44E,h6km,MD2.7
ISC 05 05:13:03.4, 41.1, 40.79N:0:04:30.45E,0.03,h10km,10km,
n29,0930/40,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like SPNC Sapanca-Adapaz, SPNC Sapanca-Adapaz, GULT Gulveren, etc.

OMAN 05 05:16:06.2,2.5, 27.87N:53:95E,h72km,999km, Error
ellipse: s-maj=82.2km s-min=16.9km az=341.0

IDC 05 05:16:13.2,0.9,26:91N:54:47E,h0km,mb4,0/19,
mb1 4.2/22,mb1mx4.1/42,mbtmp4.1/22,ML3,9/3,MS3,2/3,
Ms1 3.2/3,ms1mx2.6/38,Error ellipse: s-maj=19.8km
s-min=14.5km az=148.0

ISCJB 05 05:16:15.2,0.2,29.92N:03:54:27E,0.03,h18km,
mb4,3/43,MS3,2/2,Error ellipse: s-maj=4.4km
s-min=3.1km az=140.2

TEH 05 05:16:16.5,26:75N:54:37E,h20km,ML4.2
DSN 05 05:16:16.5,1,0.6,27:13N:54:47E,h10km,mb3,7/10,
ML4,2/8,Ms4,2/1,Error ellipse: s-maj=7.3km s-min=5.4km
az=31.0

THR 05 05:16:16.0,0.3,26:98N:54:42E,h15km,ML4.0
MOS 05 05:16:16.5,1.0,26:93N:54:41E,h33km,mb4,6/16,Error
ellipse: s-maj=10.9km s-min=6.5km az=120.1

NEIC 05 05:16:17.6,26:84N:54:45E,h22km,mb4,1/5,
ML4,0(THF),ML4,2(TEH),After TEH.
CSEM 05 05:16:17.4,0.1, 26.91N:54:37E,h20km,mb4,5/21,MS4,2,
Error ellipse: s-maj=5.8km s-min=3.8km az=55.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like NAZ Nazwa, Dubai, NIAN Nian, NIAN Nian, KHSK Kohestak, etc.

5d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IKOM, KOSI, ABTO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPL, LPL, LPL, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TTA, Tatalina, HOM, etc.

KNL	Nikolayevsk	26.18 291	eP	P	06 39 30.0	0.0	KSAR	Wonju Array Be	41.22 273	P	P	06 41 39.0	-1.2	K22A	Casper	46.82 72	eP	P	06 42 26.0	+0.6
NKL							HRV	Hotter Researc	41.44 70	eP	P	06 41 42.6	+0.4	BC3	Big Chuckwall	46.85 87	P	P	06 42 27.0	+1.3
INK	comp=Z,75nm,1.0s	26.84 34	P	P	06 39 34.3	-1.5	HLID	Hailey	41.54 75	eP	P	06 41 43.4	+0.3	A28A	Rude Farm, Bot	46.91 61	P	P	06 42 25.5	-0.4
INK	comp=Z,4.3nm,0.4s,baz=243,slow=5.2,SNR=30	26.84 34	eP	P	06 39 34.6	-1.2	HLID	Hailey	41.54 75	eP	P	06 41 43.8	+0.6	E26A	Carlson Angon	47.02 65	P	P	06 42 26.8	0.0
INK	comp=Z,157nm,3.0s	26.84 34	eP	P	06 39 34.6	-1.2	DLMT	Dillon	41.68 72	eP	P	06 41 46.5	+2.3	SW5C	Sam W. Stewart	47.02 88	P	P	06 42 28.3	+0.8
DLBC	Dease Lake	27.25 56	P	P	06 39 42.4	+2.6	MCMT	McKenzie Canyo	41.81 73	eP	P	06 41 46.7	0.0	B28A	Dug Ranch, T	47.11 62	P	P	06 42 27.8	+0.4
ASAJ	Asahikuro	28.25 272	P	P	06 39 48.8	+0.1	EGMT	Eagleton	41.99 67	eP	P	06 41 47.2	+0.6	F26A	Lodgepole	47.25 66	P	P	06 42 28.7	+0.1
ASAJ	comp=Z,2.1nm,1.0s,baz=25,slow=10,SNR=4.7	28.25 272	P	LR	06 49 55.1		NVAR	Minna Array Bea	42.06 84	P	P	06 41 48.3	+0.8	PDMO	Parf Dam,Lak	47.26 86	P	P	06 42 29.5	+0.8
ASAJ	comp=Z,80nm,21.5s,baz=79,slow=34	28.25 272	P	LR	06 39 48.8	+0.1	NVAR	comp=Z,0.4nm,0.8s,baz=301,slow=8.0,SNR=3.3				06 56 42.1		O20A	White River Ci	47.28 76	P	P	06 42 29.3	+0.2
ASAJ	Asahikawa	28.25 272	P	LR	06 39 48.8	+0.1	JNU	Nakatsue	42.07 266	P	P	06 41 47.1	-0.3	O20A	White River Ci	47.28 76	eP	P	06 42 30.3	+1.3
ASAJ	comp=Z,2.1nm,1.0s						JNU	comp=Z,7.4nm,0.8s,baz=26,slow=11,SNR=4.1				06 58 24.7		Y12C	Blythe	47.38 87	P	P	06 42 30.6	+1.0
HABR	Khabarovsk	31.04 285	eP	P	06 40 12.7	-0.6	JNU	Nakatsue	42.07 266	eP	P	06 41 48.2	+0.8	H25A	Fruitdale	47.42 68	P	P	06 42 30.0	+0.1
HABR							BOZ	Bozeman (W)	42.11 71	eP	P	06 41 48.0	+0.3	RSSD	Black Hills	47.45 69	eP	P	06 42 30.5	+0.2
HABR							BOZ	comp=Z,8.4nm,1.9s						RSSD	Black Hills	47.45 69	eP	P	06 42 30.5	+0.2
HABR							BOZ	comp=Z,1.3nm,0.8s	42.11 71	P	P	06 41 47.9	+0.3	RSSD	comp=Z,6.0nm,0.6s	47.45 69	eP	P	06 42 30.0	+0.2
HABR							BOZ	Bozeman (W)	42.11 71	eP	P	06 41 48.0	+0.3	A29A	Manning Farm	47.48 61	P	P	06 42 30.0	-0.2
HABR							BOZ	baz=42,SNR=8.0	42.11 71	eP	P	06 41 48.0	+0.3	E27A	Carson	47.56 65	P	P	06 42 31.0	+0.1
HABR							TJN	Taejon	42.20 272	J/P	P	06 41 49.3	+0.9	G26A	Maurine	47.61 67	P	P	06 42 31.1	-0.2
HABR							YMR	Madison River	43.03 72	eP	P	06 41 56.5	+1.2	F27A	Lehmon	47.62 66	P	P	06 42 31.3	-0.1
HABR							YMR	comp=Z,3.9nm,0.8s	43.03 72	eP	P	06 41 56.5	+1.2	GLA	Glamis	47.64 88	P	P	06 42 32.8	+1.0
HABR							YMR	comp=Z,1.7nm,1.0s	43.17 72	eP	P	06 41 58.2	+1.7	B29A	Wagenman Farm	47.66 61	P	P	06 42 31.6	-0.1
HABR							YMR	Norris Junction	43.17 72	eP	P	06 41 58.2	+1.7	I25A	Rochford	47.69 69	P	P	06 42 31.9	-0.2
HABR							YMR	comp=Z,1.5nm,0.9s	43.17 72	eP	P	06 41 58.2	+1.7	D28A	Regan	47.69 63	P	P	06 42 31.7	-0.3
HABR							YMR	Old Faithful	43.22 72	eP	P	06 41 58.4	+1.6	PV09	Paradox Valley	47.73 78	eP	P	06 42 33.2	+0.6
HABR							YMR	comp=Z,1.2nm,1.0s	43.22 72	eP	P	06 41 58.4	+1.6	ULN	Ulaanbaatar	47.77 298	eP	P	06 42 33.1	+0.4
HABR							H17A	Grant Village	43.41 72	eP	P	06 41 59.1	+0.7	ULN	comp=Z,8.0nm,1.0s	47.77 298	eP	P	06 42 32.3	-0.3
HABR							H17A	Grant Village	43.41 72	eP	P	06 42 00.5	+2.1	PV10	Paradox Valley	47.86 78	eP	P	06 42 35.0	+1.3
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	PV04	Paradox Valley	47.94 78	eP	P	06 42 37.7	+3.6
HABR							LKWY	comp=Z,2.21nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	G27A	Dupree	47.95 66	P	P	06 42 33.7	-0.3
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	E28A	Huff	47.97 64	P	P	06 42 33.7	-0.4
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	A30A	Hoffart Farm	47.98 60	P	P	06 42 34.2	+0.1
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	J25A	Sunshine Ranch	48.01 69	P	P	06 42 33.5	-1.1
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	S0NM	Songino Array	48.15 298	P	P	06 42 36.3	+0.7
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	S0NM	comp=Z,6.3nm,0.7s,baz=51,slow=9.4,SNR=8.3			07 00 00.1		
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	S0NM	comp=Z,3.01nm,18.3s,baz=40,slow=39					
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	WU4Z	Wupatki	48.21 83	eP	P	06 42 36.6	+0.4
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	N23A	Red Feather La	48.22 73	P	P	06 42 36.4	+0.1
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	N23A	Red Feather La	48.22 73	eP	P	06 42 37.5	+1.1
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	B30A	Myrvik Farm, E	48.24 61	P	P	06 42 36.1	0.0
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	H27A	Howes	48.30 67	P	P	06 42 36.7	0.0
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	PV01	Paradox Valley	48.30 78	eP	P	06 42 37.1	+0.1
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	F28A	McLaughlin	48.33 65	P	P	06 42 36.7	-0.1
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	ZAK	Zakamensk	48.42 302	eP	P	06 42 36.6	-1.0
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	ZAK	comp=Z,8.0nm,1.3s					
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	J26A	Sides Ranch, S	48.48 69	P	P	06 42 37.0	-1.2
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	ULM	Lac du Bonnet	48.56 58	P	P	06 42 38.0	-0.5
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	C30A	Mose, Pekin	48.58 62	P	P	06 42 38.4	-0.3
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	B31A	Greenbush Farm	48.62 61	P	P	06 42 38.7	-0.3
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	SMCO	Stowmass	48.64 76	eP	P	06 42 41.4	+1.6
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	I27A	Quinn	48.64 68	P	P	06 42 39.4	0.0
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	G28A	Paradox Valley	48.71 66	P	P	06 42 39.8	0.0
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	D30A	Buchanan	48.76 63	P	P	06 42 40.1	-0.1
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	H28A	Mission Ridge	48.88 66	P	P	06 42 41.3	+0.1
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	F29A	Eureka	48.89 64	P	P	06 42 40.7	-0.5
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	C31A	Landman Farms	48.94 61	P	P	06 42 41.8	+0.3
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	E30A	Jud	49.02 63	P	P	06 42 41.8	-0.4
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	ISCO	Idaho Springs	49.08 74	P	P	06 42 43.0	-0.1
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	J27A	Elkhorn Farm	49.15 68	P	P	06 42 43.4	+0.1
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	I28A	Midland	49.19 67	P	P	06 42 43.6	0.0
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	G29A	Hoven	49.21 65	P	P	06 42 43.7	0.0
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	HHC	Hu-ho-hao-te	49.25 288	eP	P	06 42 46.0	+1.9
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	HHC	HHC			06 43 03.6	+3.5	
HABR							LKWY	comp=Z,2.1nm,0.8s	43.42 72	eP	P	06 42 00.7	+2.2	HHC	HHC			06 44 36.6	-1.3	
HABR							LKWY	Lake	43.42 72	eP	P	06 42 00.7	+2.2	HHC	HHC			06		

D33A	AnnSam, Waubun	50.36	61	P	P	06 42 52.1	-0.2
F32A	Veblen	50.40	63	P	P	06 42 52.3	-0.3
KRAR	Krasnoyarsk	50.42	313	P	P	06 42 53.0	+0.4
SDCO	Great Sand Dun	50.43	76	P	P	06 42 53.5	+0.2
SDCO	Great Sand Dun	50.43	76	eP	P	06 42 54.9	+1.5
K29A	Lazy Trails An	50.43	68	P	P	06 42 53.1	0.0
H31A	Wolsey	50.46	65	P	P	06 42 53.0	-0.1
OGNE	Ogallala	50.53	71	P	P	06 42 54.4	+0.6
G32A	Webster	50.55	64	P	P	06 42 53.6	-0.3
C34A	RKJ Ranch, Bem	50.57	60	P	P	06 42 53.3	-0.6
J30A	Dallas	50.57	67	P	P	06 42 53.4	-0.6
E33A	Westby DABS, E	50.65	62	P	P	06 42 53.6	-1.0
TUC	Tucson	50.68	85	eP	P	06 42 56.0	+0.9
TUC	Tucson	50.68	85	eP	P	06 42 56.0	+0.9
D34A	Park Rapids	50.75	61	P	P	06 42 54.2	-1.1
SPITS	Spitsbergen Ar	50.78	357	P	P	06 42 54.1	-1.0
B35A	Bob, Littlefor	50.80	59	P	P	06 42 54.7	-0.9
F33A	5 Mile Ranch,	50.88	63	P	P	06 42 55.5	-0.8
K30A	Basset	50.90	68	P	P	06 42 56.6	0.0
N28A	Pribbeno Ranch	50.98	71	P	P	06 42 57.3	+0.1
M29A	Burnside Ranch	51.02	70	P	P	06 42 57.3	-0.2
J31A	Geddes	51.03	67	P	P	06 42 56.6	-0.8
H32A	Carlson Farm,	51.04	65	P	P	06 42 56.9	-0.6
C35A	Jirik Farms, M	51.05	59	P	P	06 42 57.1	-0.4
G33A	Ortonville	51.19	63	P	P	06 42 58.1	-0.5
O28A	Krutsinger Ran	51.20	72	P	P	06 42 58.8	0.0
H33A	Prehn Over Nor	51.33	64	P	P	06 42 59.0	-0.7
D35A	Remer	51.38	60	P	P	06 42 59.5	-0.5
K30C	Kaye Shedlock'	51.38	73	P	P	06 43 00.5	+0.2
K30C	Kaye Shedlock'	51.38	73	eP	P	06 43 01.8	+1.5
F34A	Alexandria	51.49	62	P	P	06 43 00.0	-0.8
T25A	Trinidad	51.49	76	P	P	06 43 01.9	+0.7
T25A	Trinidad	51.49	76	eP	P	06 43 02.6	+1.4
J32A	Parkston	51.49	66	P	P	06 43 00.1	-0.8
E35A	Pequot Lakes	51.50	61	P	P	06 43 00.3	-0.6
P28A	Saint Francis	51.55	72	P	P	06 43 02.0	+0.5
LAZ	Ladron	51.58	81	eP	P	06 43 01.5	-0.4
C36A	Pine Crest Far	51.63	59	P	P	06 43 01.9	0.0
DAG	Danmarks Havn	51.64	6	iP	P	06 42 59.9	-1.6
DAG	Danmarks Havn	51.64	6	iP	P	06 42 59.9	-1.6
ANMO	Albuquerque	51.65	80	eP	P	06 43 03.9	+1.5
ANMO	Albuquerque	51.65	80	eP	P	06 43 03.9	+1.5
L31A	Butterfield Fa	51.66	68	P	P	06 43 02.7	+0.5
R27A	Eads	51.74	74	P	P	06 43 02.9	-0.1
S26A	Kim	51.75	75	P	P	06 43 03.5	+0.4
O29A	4D Ranch, Culb	51.78	71	P	P	06 43 03.4	+0.3
D36A	Goodland	51.81	60	P	P	06 43 03.0	-0.1
F35A	Swanville	51.83	62	P	P	06 43 02.7	-0.7
K32A	Vedigre	51.86	67	P	P	06 43 03.1	-0.6
T26A	Comanche Natio	51.97	76	P	P	06 43 05.4	+0.6
ECSD	EROS Data Cent	51.98	65	P	P	06 43 03.9	-0.6
C37A	Embarrass	52.00	58	P	P	06 43 04.0	-0.7
P29A	Atwood	52.03	72	P	P	06 43 05.0	0.0
J33A	Davis	52.03	65	P	P	06 43 04.8	-0.1
E36A	McGregor	52.16	60	P	P	06 43 05.2	-0.6
O30A	MW Ranch, Wils	52.19	70	P	P	06 43 06.4	+0.2
D37A	Cotton	52.22	59	P	P	06 43 05.5	-0.8
EYMN	Ely	52.24	58	P	P	06 43 05.5	-0.9
EYMN	Ely	52.24	58	eP	P	06 43 06.5	+0.1
R28A	Tribune	52.30	73	P	P	06 43 07.1	0.0
H35A	Sunnyside Ranc	52.40	63	P	P	06 43 07.3	-0.3
F36A	Milaca	52.41	61	P	P	06 43 07.3	-0.3
121A	Cookes Peak, D	52.41	83	P	P	06 43 08.0	-0.1
Q29A	Oakley	52.45	72	P	P	06 43 08.1	-0.1
P30A	Selden	52.47	71	P	P	06 43 08.2	-0.1
C38A	Sawbill Land,	52.50	58	P	P	06 43 07.8	-0.6
O31A	Woolen Ranch,	52.64	70	P	P	06 43 09.6	+0.1
R29A	Marienthal	52.65	73	P	P	06 43 10.0	+0.3
G36A	St. Michael	52.67	62	P	P	06 43 09.4	-0.2
S28A	Manter	52.73	74	P	P	06 43 10.4	+0.1
Q30A	Quinter	52.85	72	P	P	06 43 11.4	+0.3
T28A	Walsh	52.90	75	P	P	06 43 11.7	+0.1
HVS	Khovu-Aksy	52.92	308	iP	P	06 43 11.2	-0.3
U27A	Thompson Grove	52.92	76	P	P	06 43 11.9	+0.1
K34A	Le Mars	52.93	66	P	P	06 43 11.2	-0.3
H36A	Jessenland, He	52.98	63	P	P	06 43 11.4	-0.5
M33A	Taylor Creek F	52.99	67	P	P	06 43 12.0	-0.1
P31A	Stockton	53.01	71	P	P	06 43 12.3	0.0
C39A	Grand Marais	53.05	57	P	P	06 43 12.2	-0.2
SPMN	St. Paul	53.20	61	P	P	06 43 13.3	-0.2
SUMG	Summit	53.22	15	eP	P	06 43 13.5	-0.3
SUMG	Summit	53.22	15	iP	P	06 43 13.4	-0.3
SUMG	Summit	53.22	15	P	P	06 43 13.5	-0.3
CBKs	Cedar Bluff	53.24	72	eP	P	06 43 14.8	+0.8
CBKs	Cedar Bluff	53.24	72	P	P	06 43 14.2	+0.2

CBKs	Cedar Bluff	53.24	72	eP	P	06 43 14.8	+0.8
R30A	Dighton	53.26	72	P	P	06 43 14.3	+0.2
T29A	Hutton	53.38	74	P	P	06 43 16.0	+1.0
P32A	Huiting Farm,	53.40	70	P	P	06 43 15.4	+0.3
H37A	Dierke Farm, C	53.54	62	P	P	06 43 16.3	+0.3
S30A	Montezuma	53.56	73	P	P	06 43 16.8	+0.4
I37A	Lemond, Waseca	53.63	63	P	P	06 43 16.6	0.0
R31A	Burdett	53.71	72	P	P	06 43 17.7	+0.3
O33A	Hebron	53.72	69	P	P	06 43 17.3	-0.1
Q32A	Mettler Ranch,	53.83	71	P	P	06 43 18.8	+0.5
U29A	Oasis Ranch, S	53.85	75	P	P	06 43 18.8	+0.2
K36A	Gilmore	53.90	65	P	P	06 43 18.5	-0.2
J37A	Redenius Farm,	53.98	64	P	P	06 43 19.1	-0.2
R32A	Long Quarter,	54.11	71	P	P	06 43 20.5	+0.2
O34A	Beatrice	54.17	68	P	P	06 43 20.8	+0.1
U30A	WK& Inc. Balk	54.17	74	P	P	06 43 21.0	+0.1
Q33A	Connelly Farm,	54.26	70	P	P	06 43 21.8	+0.4
K37A	Belmond	54.28	64	P	P	06 43 21.2	-0.3
N35A	Tabor	54.35	67	P	P	06 43 22.7	+0.3
T31A	Randall Ranch,	54.39	73	P	P	06 43 22.3	+0.2
S32A	Newby Ranch, P	54.45	72	P	P	06 43 23.2	+0.5
MNTX	Cornudas Mount	54.48	82	P	P	06 43 22.7	-0.4
MNTX	Cornudas Mount	54.48	82	eP	P	06 43 23.6	+0.6
P34A	Walnut Farm,	54.50	69	P	P	06 43 23.5	+0.4
MSTX	Muleshoe	54.57	78	eP	P	06 43 27.2	+3.4
J38A	Wedel Dairy, R	54.59	63	P	P	06 43 23.8	+0.1
AMTX	Amarillo	54.63	76	eP	P	06 43 24.4	+0.1
COWI	Conover	54.65	58	eP	P	06 43 23.8	-0.3
U31A	Nine Bar Ranch	54.77	74	P	P	06 43 25.1	0.0
Q34A	Chapman	54.84	70	P	P	06 43 25.7	+0.2
M37A	Trindle Farm,	54.91	66	P	P	06 43 25.8	-0.3
KSU1	Kansas State U	54.92	69	eP	P	06 43 26.6	+0.4
P35A	Duane Minner,	54.99	69	P	P	06 43 26.4	-0.2
XAN	Xi'an	55.23	283	P	P	06 43 30.0	+1.5
XAN	XAN			pP	pP	06 43 37.6	-2.4
XAN	XAN			PMZ	PMZ		
Z28A	Tucker Farm, M	55.27	78	P	P	06 43 28.7	-0.1
Y29A	Potterfield Fa	55.32	77	P	P	06 43 29.2	0.0
SFJD	Kangerlussuaq	55.34	23	eP	P	06 43 26.5	-2.3
SFJD	Kangerlussuaq	55.34	23	iP	P	06 43 26.5	-2.3
ZALV	Zalesovo Beam	55.35	315	P	P	06 43 27.9	-1.0
ZALV	Zalesovo Beam	55.35	315	P	P	06 44 29.6	+0.6
P36A	Good Intent, A	55.41	68	P	P	06 43 29.4	-0.2
Q35A	Nercer Eighty,	55.41	69	P	P	06 43 29.4	-0.3
NVS	Novosibirsk	55.46	316	eP	P	06 43 29.2	-0.6
NVS	NVS			pmax	pmax		
NVS	NVS			pmax	pmax		
128A	Castleberry Fa	55.66	79	P	P	06 43 31.7	0.0
X31A	McDonald Ranch	55.84	76	P	P	06 43 32.5	-0.4
T34A	McClaskey Farm	55.94	72	P	P	06 43 32.9	-0.6
W32A	Sentinel	55.96	75	P	P	06 43 34.3	+0.6
S35A	Otter Creek Ra	56.02	70	P	P	06 43 33.9	-0.2
R36A	Gordon, Harris	56.08	69	P	P	06 43 34.3	-0.2
JFWS	Jewell Farm	56.09	62	eP	P	06 43 33.8	-0.7
JFWS	Jewell Farm	56.09	62	eP	P	06 43 33.8	-0.7
U34A	Anderson Ranch	56.12	72	eP	P	06 43 36.5	+1.7
Y31A	Rekieta Farm,	56.12	76	P	P	06 43 35.6	+0.7
X32A	Elmer	56.41	75	P	P	06 43 37.3	+0.4
T35A	Sooner Cattle	56.41	71	P	P	06 43 36.5	-0.4
WMOK	Wichita Mounta	56.50	75	eP	P	06 43 37.8	+0.2
WMOK	Wichita Mounta	56.50	75	eP	P	06 43 37.8	+0.2
Y32A	Farms, Ver	56.59	76	P	P	06 43 38.2	0.0
T36A	Boggs Farm, Ca	56.70	71	P	P	06 43 38.9	0.0
329A	Warren Wheel Ra	56.74	80	P	P	06 43 39.7	+0.3
X33A	Lawton	56.81	75	P	P	06 43 39.8	+0.1
131A	Roby	56.91	78	P	P	06 43 40.6	0.0
LZH	Lanzhou	56.94	288	eP	P	06 43 42.5	+1.6
LZH	LZH			pP	pP	06 43 52.1	-0.3
LZH	LZH			sP	sP	06 43 56.8	-0.2
LZH	LZH			eS	S	06 51 31.8	-0.3
LZH	LZH			sS	SS	06 51 45.7	-5.5
LZH	LZH			PMZ	PMZ	06 55 21.4	+1.1
LZH	LZH			PMZ	PMZ		
LZH	LZH			LN	LN		
LZH	LZH			LE	LE		
LZH	LZH			LZ	LZ		
230A	Sterling City	57.00	79	P	P	06 43 40.8	-0.4
Z32A	Haskell	57.04	76	P	P	06 43 41.0	-0.5
Y33A	Hilltop Ranch,	57.09	75	P	P	06 43 41.5	-0.2
GTA	Gaotai	57.10	293	eP	P	06 43 42.3	+0.4
GTA	GTA			pP	pP	06 43 53.4	0.0
GTA	GTA			sP	sP	06 43 58.4	+0.4
GTA	GTA			S	S	06 51 33.1	-1.0
GTA	GTA			sS	SS	06 51 50.0	-3.0
GTA	GTA			PMZ	PMZ	06 55 23.0	+0.4
GTA	GTA			PMZ	PMZ		
GTA	GTA			LN	LN		

GTA	GTA					LE	LE
GTA	GTA					LZ	LZ
TX31	Lajitas Ar, Si	57.17	83	eP	P	06 43 42.1	-0.4
TXAR	Lajitas Array	57.17	83	eP	P	06 43 42.2	-0.3
T37A	Cheneyville 18	57.23	70	P			

5d 10h

Table with columns: ELK, comp, Z, SNR, m, P, max, max, and numerical values. Rows include ELKO, QLMT, KSKJEU, YHB, RCTC, KSKWJ, SMMC, TIN, YMR, YHH, YPM, YNR, GCMT, YFT, H17A, H17A, LKWY, LKWY, IMW, CWC, FXWY, HVU, HWJ, YTP, GRAC, TPAW, ISA, ISA, ISA, RLMT, RLMT, REDW, SNOW, LOHW, ARVC, R11A, BGU, AHID, SPUT, MPMC, FURC, TPNV, TPNV, TPNV, LRMC, BLW, HWUT, DUG, DUG, DUG, EDW2, LAO, LAO, CTU, DGMT, DGMT, MWC, MWC, MWC, BWOC, SHOC, GSC, GSC, GSC, GSC, NLU, BFSC, CIS, A25A, O16A, SHPR, MPU, SCI, TUQ, B25A, BBRC, HEC, CCUT, C25A, MURC, MSU, MSU, A26A, B26A, G26A, D25A, P17A.

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Table with columns: A27A, PFO, PFO, PFO, BELC, P18A, E25A, C26A, SRU, SRU, BJI, BJI, BJI, BJI, BJI, B27A, BJT, BJT, D26A, F25A, IRM, BAR, K22A, K22A, C27A, MONP, A28A, BC3, E26A, B28A, TLY, TLY, D27A, G25A, IBP, SWSC, F26A, O20A, O20A, ULN, ULN, H25A, A29A, RSSD, RSSD, Y12C, C28A, E27A, F27A, G26A, B29A, D28A, I25A, GLA, GLA, GLA, SONM, SONM, SONM, MDND, MDND, MDND, G27A, E28A, PV04, J25A, ZAK, ZAK, ZAK, PV05, PV05, B30A, N23A, N23A, WUAZ, WUAZ, D29A, H27A, F28A, PV01.

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Table with columns: PV01, TIA, TIA, TIA, TIA, J26A, ULM, MOY, MOY, C30A, A31A, E29A, B31A, I27A, S27A, G28A, D30A, F29A, H28A, HHC, HHC, HHC, HHC, HHC, C31A, A32A, MVCO, MVCO, E30A, ISCO, ISCO, ISCO, J27A, I28A, G29A, B32A, D31A, H29A, J28A, A33A, E31A, C32A, AGMN, AGMN, AGMN, S22A, S22A, G30A, I29A, D32A, 214A, F31A, B33A, K28A, Q24A, BTO, E32A, C33A, KRAR, KRAR, J29A, NJ2, NJ2, G31A, B34A, SUSD, I30A, D33A, TIY, TIY, TIY, F32A, K29A, H31A, SDCO, SDCO, C34A, G32A, OGNE, J30A, E33A.

M28A	Bar X Bar Ranc	50.74	70	P	P	10 12 53.9	-0.4
I31A	Royce, Wessing	50.77	66	P	P	10 12 53.5	-0.9
D34A	Park Rapids	50.80	61	P	P	10 12 53.0	-1.5
B35A	Bob, Littlefor	50.83	59	P	P	10 12 53.5	-1.3
L29A	Muesberg Ranch	50.85	69	P	P	10 12 54.6	-0.5
TUC	Tucson	50.85	85	eP		10 12 55.1	-0.2
TUC	comp=Z,13nm,0.9s				pmax		
TUC	Tucson	50.85	85	eP		10 12 55.1	-0.2
F33A	5 Mile Ranch,	50.94	63	P	P	10 12 54.6	-1.0
K30A	Basse	50.98	68	P	P	10 12 55.6	-0.4
N28A	Pribbeno Ranch	51.09	71	P	P	10 12 56.2	-0.8
C35A	Jirik Farms, M	51.09	59	P	P	10 12 55.4	-1.4
J31A	Geddes	51.11	67	P	P	10 12 56.2	-0.7
H32A	Carlson Farm,	51.11	65	P	P	10 12 55.7	-1.3
M29A	Burnside Ranch	51.12	70	P	P	10 12 57.2	0.0
E34A	Wadena	51.15	61	P	P	10 12 55.6	-1.6
G33A	Ortonville	51.25	63	P	P	10 12 57.3	-0.7
O28A	Krutsinger Ran	51.30	72	P	P	10 12 58.2	-0.3
L30A	Spencer Herof	51.37	68	P	P	10 12 58.5	-0.5
I32A	Karley and Nic	51.38	65	P	P	10 12 57.8	-1.2
H33A	Prehn Over Nor	51.39	64	P	P	10 12 57.9	-1.2
DAG	Danmarks Havn	51.40	6	i	P	10 12 57.3	-1.4
DAG	DAG	51.40	6	i	P	10 14 11.6	
DAG	DAG	51.40	6	i	P	10 14 11.6	
D35A	Remer	51.42	60	P	P	10 12 58.0	-1.2
KSCO	Kaye Shedlock'	51.50	73	P	P	10 12 59.9	-0.2
KSCO	Kaye Shedlock'	51.50	73	eP		10 13 00.8	+0.7
K31A	O'Neill	51.51	67	P	P	10 12 59.5	-0.5
M30A	Dale-Ortello V	51.54	69	P	P	10 12 59.8	-0.5
F34A	Alexandria	51.54	62	P	P	10 12 58.8	-1.3
N29A	Votaw Ranch, W	51.54	70	P	P	10 12 59.8	-0.5
E35A	Pequot Lakes	51.55	61	P	P	10 12 59.1	-1.0
J32A	Parkston	51.57	66	P	P	10 12 58.9	-1.5
T25A	Trinidad	51.62	76	P	P	10 13 00.8	-0.3
T25A	Trinidad	51.62	76	eP		10 13 01.7	+0.6
P28A	Saint Francis	51.66	72	P	P	10 13 00.8	-0.4
C36A	Pine Crest Far	51.67	59	P	P	10 12 59.6	-1.4
G34A	Benson	51.67	63	P	P	10 13 00.3	-0.8
LAZ	Ladron	51.73	81	eP		10 13 02.4	+0.4
LAZ	LAZ	51.74	68	eP		10 13 12.9	-0.6
L31A	Butterfield Fa	51.74	68	P	P	10 13 01.4	-0.3
ANMO	Albuquerque	51.79	80	eP		10 13 03.4	+1.0
ANMO	comp=Z,11nm,1.7s				pmax		
ANMO	Albuquerque	51.79	80	eP		10 13 04.7	+2.3
D36A	Gooding	51.84	60	P	P	10 13 01.3	-1.1
R27A	Eads	51.86	74	P	P	10 13 02.7	-0.1
S26A	Kim	51.88	75	P	P	10 13 02.9	0.0
O29A	4D Ranch, Culb	51.88	71	P	P	10 13 02.6	-0.2
F35A	Swanville	51.88	62	P	P	10 13 01.7	-1.0
K32A	Verdige	51.94	67	P	P	10 13 02.2	-1.0
Q28A	Sharon Springs	51.94	73	P	P	10 13 03.2	-0.2
H34A	Spellman Lake,	51.94	63	P	P	10 13 02.4	-0.7
C37A	Embarrass	52.03	58	P	P	10 13 02.5	-1.4
ECSD	EROS Data Cent	52.05	65	P	P	10 13 03.0	-1.0
ECSD	EROS Data Cent	52.05	65	eP		10 13 03.2	-0.7
T26A	Comanche Natio	52.09	76	P	P	10 13 04.7	+0.1
LPM	Los Pinos Moun	52.10	80	eP		10 13 02.1	-2.6
LPM	LPM	52.11	65	eP		10 13 15.4	-0.9
J33A	Davis	52.11	65	P	P	10 13 03.5	-0.9
P29A	Atwood	52.13	72	P	P	10 13 04.5	-0.2
M31A	Lambtech Ranc	52.18	69	P	P	10 13 05.0	0.0
E36A	McGregor	52.20	60	P	P	10 13 03.9	-1.1
BNM	Barren Site	52.21	81	eP		10 13 08.0	+2.4
D37A	Cotton	52.25	59	P	P	10 13 04.3	-1.2
EYMN	Ely	52.27	58	P	P	10 13 04.6	-0.9
EYMN	Ely	52.27	58	eP		10 13 05.2	-0.4
O30A	MW Ranch, Wils	52.28	70	P	P	10 13 05.2	-0.6
I34A	Hadley	52.29	64	P	P	10 13 05.4	-0.3
G35A	Watkins	52.32	62	P	P	10 13 04.9	-1.1
L32A	Elgin	52.33	67	P	P	10 13 05.6	-0.5
R28A	Tribune	52.41	73	P	P	10 13 06.9	0.0
H35A	Sunnyside Ranc	52.45	63	P	P	10 13 05.7	-1.3
F36A	Milaca	52.46	61	P	P	10 13 06.0	-0.9
C38A	Sawbill Land,	52.53	58	P	P	10 13 05.9	-1.5
K33A	Hardington	52.53	66	P	P	10 13 07.5	-0.1
Q29A	Oakley	52.56	72	P	P	10 13 07.5	-0.4
121A	Cookes Peak, D	52.58	83	P	P	10 13 08.1	-0.2
P30A	Selden	52.58	71	P	P	10 13 07.4	-0.6
HVS	Khovu-Aksy	52.60	308	P		10 13 08.0	-0.1
HVS	comp=Z,31nm,0.9s				pmax		
BGN	Belgrade	52.62	68	P	P	10 13 08.0	-0.3
BGN	Belgrade	52.62	68	eP		10 13 08.3	0.0
L33A	Hoskins	52.65	67	P	P	10 13 08.2	-0.3
J34A	George	52.70	65	P	P	10 13 07.7	-1.1
G36A	St. Michael	52.72	62	P	P	10 13 08.1	-0.8
O31A	Woolen Ranch,	52.73	70	P	P	10 13 09.2	+0.1
R29A	Marienthal	52.77	73	P	P	10 13 08.9	-0.5
S28A	Manter	52.85	74	P	P	10 13 09.5	-0.6
I35A	Creekview Farm	52.90	64	P	P	10 13 09.8	-0.5

N32A	Stuken Farm,	52.95	69	P	P	10 13 10.2	-0.5
Q30A	Quinter	52.96	72	P	P	10 13 10.7	-0.1
K34A	Le Mars	53.00	66	P	P	10 13 09.9	-1.1
SUMG	Summit	53.01	15	eP		10 13 11.4	+0.3
SUMG	comp=Z,377nm,2.9s				pmax		
SUMG	Summit	53.01	15	i	P	10 13 10.9	-0.3
SUMG	Summit	53.01	15	eP		10 13 11.4	+0.3
T28A	Walsh	53.02	75	P	P	10 13 11.1	-0.3
H36A	Jessenland, He	53.03	63	P	P	10 13 09.9	-1.3
U27A	Thompson Grove	53.05	76	P	P	10 13 11.8	+0.1
C39A	Grand Marais	53.07	57	P	P	10 13 10.0	-1.4
M33A	Taylor Creek F	53.07	67	P	P	10 13 10.6	-1.0
J35A	Milford	53.08	64	P	P	10 13 11.0	-0.6
P31A	Stockton	53.11	71	P	P	10 13 12.0	+0.1
SPMN	St. Paul	53.25	61	P	P	10 13 12.3	-0.5
SPMN	St. Paul	53.25	61	eP		10 13 12.5	-0.3
O32A	Brockman Farm,	53.28	69	P	P	10 13 12.6	-0.6
L34A	Svendsen Farm,	53.30	66	P	P	10 13 12.8	-0.4
S29A	Ulysses	53.30	74	P	P	10 13 13.2	-0.2
I36A	Fitzsimmons Fa	53.34	63	P	P	10 13 12.9	-0.5
CBKS	Cedar Bluff	53.35	72	eP		10 13 14.1	+0.4
CBKS	comp=Z,77nm,1.0s				pmax		
CBKS	Cedar Bluff	53.35	72	P	P	10 13 13.6	-0.1
CBKS	Cedar Bluff	53.35	72	eP		10 13 14.1	+0.4
R30A	Dighton	53.37	72	P	P	10 13 13.2	-0.7
Q31A	Ellis	53.43	71	P	P	10 13 13.6	-0.7
N33A	J Bar K, Exete	53.46	68	P	P	10 13 14.0	-0.4
K35A	Storm Lake	53.47	65	P	P	10 13 13.7	-0.8
T29A	Hugoton	53.49	74	P	P	10 13 14.6	-0.2
P32A	Huiting Farm,	53.50	70	P	P	10 13 14.2	-0.5
J36A	Seneca 1, Swea	53.59	64	P	P	10 13 14.3	-1.1
H37A	Dierke Farm, C	53.59	62	P	P	10 13 14.1	-1.2
S30A	Montezuma	53.68	73	P	P	10 13 15.5	-0.6
I37A	Lemond, Waseca	53.68	63	P	P	10 13 15.1	-0.9
O33A	Hebron	53.81	69	P	P	10 13 16.1	-0.9
R31A	Burdett	53.82	72	P	P	10 13 16.9	-0.2
V28A	Channing	53.86	76	P	P	10 13 17.6	0.0
Q32A	Meitler Ranch,	53.93	71	P	P	10 13 17.1	-0.9
N34A	Lincoln	53.95	68	P	P	10 13 17.5	-0.5
K36A	Gilmore City	53.97	65	P	P	10 13 16.8	-1.3
U29A	Oasis Ranch, S	53.97	75	P	P	10 13 17.8	-0.5
WHN	Wuhan	53.99	275	↑	P	10 13 18.5	+0.1
M35A	Neola	54.01	67	P	P	10 13 18.0	-0.4
T30A	Plains	54.02	74	P	P	10 13 18.0	-0.7
J37A	Redenius Farm,	54.05	64	P	P	10 13 17.9	-0.8
P33A	Williams Farm,	54.16	70	P	P	10 13 19.0	-0.6
W28A	Veg	54.20	76	P	P	10 13 19.3	-0.7
V29A	Stinnett	54.20	75	P	P	10 13 19.8	-0.2
R32A	Long Quarter,	54.21	71	P	P	10 13 19.3	-0.7
O34A	Beatrice	54.26	68	P	P	10 13 19.7	-0.5
I38A	Scanlan Farm,	54.26	62	P	P	10 13 18.7	-1.5
S31A	Mullinville	54.28	72	P	P	10 13 19.0	-1.5
U30A	WK&E Inc. Balk	54.30	74	P	P	10 13 19.7	-0.9
K37A	Belmond	54.34	64	P	P	10 13 19.3	-1.6
Q33A	Connelly Farm,	54.36	70	P	P	10 13 20.4	-0.7
N35A	Tabor	54.43	67	P	P	10 13 20.5	-1.0
T31A	Randall Ranch,	54.51	73	P	P	10 13 21.8	-0.3
S32A	Newby Ranch, P	54.55	72	P	P	10 13 22.1	-0.4
P34A	Walnut Farm, R	54.59	69	P	P	10 13 22.1	-0.6
W29A	Amarillo	54.63	76	P	P	10 13 22.3	-0.8
SSLB	Suanglung	54.63	264	eP		10 13 23.2	0.0
MNTX	Corrujas Mount	54.64	82	P	P	10 13 23.1	-0.1
J38A	Wedel Dairy, R	54.64	63	P	P	10 13 21.8	-1.2
O35A	Humboldt	54.66	68	P	P	10 13 21.7	-1.4
COWI	Conover	54.68	58	eP		10 13 23.0	-0.3
X28A	Dimmitt	54.69	77	P	P	10 13 22.9	-0.8
MSTX	Muleshoe	54.71	78	P	P	10 13 23.3	-0.5
MSTX	Muleshoe	54.71	78	eP		10 13 23.4	-0.3
MSTX	comp=Z,29nm,0.9s						
R33A	Olander Ranch,	54.72	71	eP		10 13 37.3	+1.9
AMTX	Amarillo	54.77	76	P	P	10 13 23.8	-0.3
AMTX	Amarillo	54.77	76	eP		10 13 24.5	+0.4
V30A	Spur Ranch, MI	54.78	75	P	P	10 13 24.1	-0.1
U31A	Nine Bar Ranch	54.88	74	P	P	10 13 25.1	+0.2
T32A	Huddler Ranch,	54.90	73	P	P	10 13 24.3	-0.8
K38A	Parkersburg	54.91	64	P	P	10 13 23.3	-1.6
Q34A	Chapman	54.94	70	P	P	10 13 24.5	-0.7
XAN	Xi'an	54.98	282	P		10 13 25.6	0.0
XAN	comp=Z,64nm,1.1s				PMZ		
XAN	comp=Z,150nm,5.1s				LN		
XAN	comp=Z,84nm,13.8s				LE		
XAN	comp=Z,220nm,12.2s				LZ		
M37A	Trindle Farm,	54.99	66	P	P	10 13 24.7	-0.9
KSU1	Kansas State U	55.01	69	P	P	10 13 25.0	-0.7
KSU1	Kansas State U	55.01	69	eP		10 13 25.2	-0.6

ZAA1	Zalesovo Array	55.02	314	eP
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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Smith Ranch, Cheneyville, Oologah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Kurk Kurchatov, Saathoff Ranch, Laxson Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSPA Keystone Colle, PDGK Podgornoye, KMI Kunming, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HOWZ Holdsworth Sta, TMWZ Te Maipa, DSZ Denniston Nort, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KSAR Wonju Array Be, USRK Ussuriysk Ar., KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LZH comp=Z,32nm,1.0s, LZH comp=Z,150nm,4.8s, etc.

BUI 05 10:13:58.5,35:88N,140:23E,h65km,mb4.7/47,mB5.0/32, M4.6/31,M5.7.4/2/29
NIED 05 10:14:00,36:10N,139:80E,h50km,Mw4.5 Best double couple: M0.26000x10^15 NP1.3e241.00000, 322.00000, 1.102.00000. NP2.0e48.00000, 368.00000, 1.85.00000.
MOS 05 10:14:01.3,0.9,36:11N,139:70E,h50km,mb5.1/52, MS4.1/4, Error ellipse: s-maj=6.8km s-min=4.7km az=106.7
ISCJB 05 10:14:02.2,0.3,36:03N,102:139:72E,0:02,h58km,2km, mb4.8/150,MS4.3/5, Error ellipse: s-maj=3.7km s-min=3.0km az=158.3
JMA 05 10:14:03.0,36:06N,139:84E,h45km,1km,M4.6 Broadband fault plane solution: P waves. NP1: 0.41.00000, 0.58.00000, 1.73.00000. NP2: 0.250.00000, 0.36.00000, 1.14.00000. Principal axes: T P1g72.00000, Azm270.00000; N P1g14.00000; Azm50.00000; P P1g11.00000; Azm143.00000;
JMA Felt IV J1,
IDC 05 10:14:03.6,1.4,36:01N,139:69E,h61km,13km,mb4.4/31, mb1.4/536,mb1mx4.4/56,mbtmp4.6/36,MS3.7/2 Ms1 3.7/2,ms1mx3.2/33 Error ellipse: s-maj=12.0km s-min=10.3km az=122.0
NEIC 05 10:14:04.4,0.4,36:02N,139:66E,h64km,4km,mb4.7/87, MW4.5(NIED), Error ellipse: s-maj=4.4km s-min=3.3km az=154.0
NEIC Felt [V] at Tsukuba and Utsunomiya, [III] at Yokohama and Yokosuka and [II] at Tachikawa. Felt in much of southeastern Honshu. Recorded [4 JMA] in Saitama and Tochigi; [3 JMA] in Chiba, Gumma and Ibaraki; [2 JMA] in Fukushima, Kanagawa, Tokyo and Yamanashi; [1 JMA] in Miyagi, Nagano, Niigata and Chizu.
ISC 05 10:14:05.0,0.4,36:01N,104:139:88E,0:04,h61km,2km, h61km;P-P,n561,0:1924/615,mb4.8/151,8C-18D, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MDJ Mudanjiang, MDJ Khabarovsk, MDJ comp=N,20nm,2.0s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LZH comp=Z,32nm,1.0s, LZH comp=Z,150nm,4.8s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JYT Yasato, JAG Ashikaga, JRY Ryogami san, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MDJ Mudanjiang, MDJ Khabarovsk, MDJ comp=N,20nm,2.0s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LZH comp=Z,32nm,1.0s, LZH comp=Z,150nm,4.8s, etc.

5d 10h

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IRM	Iron Mountain	81.17	54	P	P	10 26 13.5 +0.8
B30A	Myrvik Farm, E	81.23	35	P	P	10 26 13.0 +0.3
F27A	Leomon	81.26	39	P	P	10 26 13.2 +0.3
BC3	Big Chuckwall	81.28	55	P	P	10 26 14.3 +0.9
BRG	Berggiesshubel	81.29	329	eP	P	10 26 12.9 0.0
BRG	Berggiesshubel	81.29	329	eP	Pmax	10 26 12.9 0.0
H25A	Fruitdale	81.30	40	P	P	10 26 13.7 +0.5
CLL	Colim	81.36	329	eP	Pmax	10 26 12.7 -0.5
CLL	Colim	81.36	329	iP	P	10 26 12.7 -0.5
CLL	Colim	81.36	329	eP	P	10 26 12.7 -0.5
G26A	Maurine	81.36	39	P	P	10 26 13.9 +0.4
E28A	Huff	81.43	37	P	P	10 26 14.1 +0.3
IBP	Imperial Bould	81.45	56	P	P	10 26 15.5 +1.3
SWSC	Sam W. Stewart	81.48	55	P	P	10 26 14.5 +0.3
B31A	Greenbush Farm	81.57	35	P	P	10 26 14.5 +0.1
I25A	Rochford	81.64	41	P	P	10 26 15.5 +0.3
G27A	Dupree	81.64	39	P	P	10 26 15.5 +0.5
O20A	White River Ci	81.71	46	P	P	10 26 16.3 +0.7
O20A	White River Ci	81.71	46	eP	P	10 26 16.8 +1.2
A32A	Rocking H Ranc	81.73	34	P	P	10 26 15.5 +0.2
PDMCI	Parker Dam,Lak	81.75	54	P	P	10 26 16.9 +1.3
Y12C	Blythe	81.83	54	P	P	10 26 17.5 +1.4
F28A	McLaughlin	81.89	38	P	P	10 26 18.2 +2.0
C31A	Landman Farms,	81.98	35	P	P	10 26 17.1 +0.5
D30A	Buchanan	81.99	36	P	P	10 26 17.4 +0.7
J25A	Sunshine Ranch	82.03	41	P	P	10 26 17.9 +0.8
GLA	Glamis	82.06	55	eP	Pmax	10 26 19.1 +1.7
GLA	Glamis	82.06	55	P	P	10 26 18.8 +1.4
GLA	Glamis	82.06	55	eP	P	10 26 19.1 +1.7
H27A	Howes	82.09	40	P	P	10 26 18.3 +1.0
I26A	New Underwood	82.09	40	P	P	10 26 17.6 +0.2
B32A	Ashes, Strandq	82.10	34	P	P	10 26 16.9 -0.3
A33A	Warroad	82.21	33	P	P	10 26 17.8 0.0
PV09	Paradox Valley	82.24	48	eP	P	10 26 20.5 +2.0
E30A	Jud	82.36	37	P	P	10 26 18.9 +0.3
G28A	Parade	82.37	39	P	P	10 26 19.4 +0.6
J26A	Sides Ranch, S	82.47	41	P	P	10 26 19.7 +0.3
AGMM	Agassiz Nation	82.47	34	P	P	10 26 19.0 -0.2
I27A	Quinn	82.49	40	P	P	10 26 19.9 +0.5
D31A	McClaffin, Tow	82.53	36	P	P	10 26 19.9 +0.5
N23A	Red Feather La	82.53	44	P	P	10 26 21.2 +1.2
N23A	Red Feather La	82.53	44	eP	P	10 26 22.1 +2.1
PV05	Paradox Valley	82.53	48	eP	P	10 26 21.9 +1.9
H28A	Mission Ridge	82.60	39	P	P	10 26 20.0 +0.3
CONA	Conrad Observa	82.64	326	iP	P	10 26 20.6 +0.4
KHC	Kasperske Hory	82.75	328	eP	Pmax	10 26 21.0 +0.3
KHC	Kasperske Hory	82.75	328	eP	P	10 26 21.0 +0.3
WUAZ	Wupatki	82.76	51	P	P	10 26 22.2 +1.1
WUAZ	Wupatki	82.76	51	eP	P	10 26 23.2 +2.0
G29A	Howe	82.79	38	P	P	10 26 21.0 0.0
E31A	Nome	82.81	36	P	P	10 26 21.5 +0.6
PV01	Paradox Valley	82.81	48	eP	P	10 26 23.1 +1.7
B34A	Aery, Baudette	82.88	33	P	P	10 26 21.0 -0.3
C33A	Trail	82.91	34	P	P	10 26 21.4 -0.1
GERES	GERESS Array B	82.92	327	P	P	10 26 21.2 -0.4
I28A	Midland	83.00	40	P	P	10 26 22.5 +0.5
H29A	Onida	83.04	39	P	P	10 26 22.5 +0.3
SMCO	Snowmass	83.08	46	eP	P	10 26 24.5 +1.5
J27A	Elkhorn Farm,	83.08	40	P	P	10 26 23.1 +0.6
F31A	Hecla	83.13	37	P	P	10 26 23.5 +0.8
G30A	Faulton	83.22	38	P	P	10 26 23.7 +0.5
D33A	AnnSam, Waubun	83.34	35	P	P	10 26 23.5 -0.2
J28A	Allard Ranch,	83.36	40	P	P	10 26 24.4 +0.5
B35A	Bob, Littlefor	83.38	33	P	P	10 26 23.6 -0.3
I29A	Vivian Onida	83.42	39	P	P	10 26 24.1 -0.1
ISCO	Idaho Springs	83.45	45	P	P	10 26 25.3 +0.5
MVCO	Mesa Verde	83.46	48	P	P	10 26 25.3 +0.5
MVCO	Mesa Verde	83.46	48	eP	P	10 26 25.7 +0.9
G31A	Conde	83.61	37	P	P	10 26 25.7 +0.6
D34A	Park Rapids	83.68	34	P	P	10 26 25.5 0.0
E33A	Westby DABS, E	83.73	35	P	P	10 26 26.1 +0.4
C35A	Jirik Farms, M	83.77	33	P	P	10 26 25.5 -0.3
K28A	Ten Mile Ranch	83.79	41	P	P	10 26 27.0 +0.8
SUSD	South Dakota S	83.81	38	P	P	10 26 26.8 +0.7
J29A	Okreke	83.85	40	P	P	10 26 27.0 +0.6
PERS	Pernice	83.93	325	iP	P	10 26 26.6 -0.2
G32A	Webster	83.94	37	P	P	10 26 27.6 +0.8
SOKA	Soboth	83.94	325	iP	P	10 26 26.8 0.0
I30A	Oacoma	83.95	39	P	P	10 26 27.0 +0.1
214A	Organ Pipe Nat	84.08	55	P	P	10 26 28.9 +1.1
214A	Organ Pipe Nat	84.08	55	eP	P	10 26 29.4 +1.6
F33A	5 Mile Ranch,	84.09	36	P	P	10 26 27.8 +0.3
S22A	4UR Ranch, Cre	84.11	47	P	P	10 26 29.5 +1.4
S22A	4UR Ranch, Cre	84.11	47	eP	P	10 26 30.3 +2.1

L28A	Connealy Angus	84.20	41	P	P	10 26 28.8 +0.4
C36A	Pine Crest Far	84.22	33	P	P	10 26 28.5 +0.3
Q24A	Divide	84.28	45	P	P	10 26 29.4 +0.4
K29A	Lazy Trails An	84.31	40	P	P	10 26 29.3 +0.5
I31A	Royce, Wessing	84.31	38	P	P	10 26 29.1 +0.4
J30A	Dallas	84.33	39	P	P	10 26 29.1 +0.3
E35A	Pequot Lakes	84.43	34	P	P	10 26 29.6 +0.3
G33A	Ortonville	84.49	36	P	P	10 26 30.0 +0.4
D36A	Goodland	84.52	33	P	P	10 26 30.1 +0.4
C37A	Embarass	84.53	32	P	P	10 26 29.4 -0.3
H33A	Prehn Over Nor	84.72	37	P	P	10 26 31.1 +0.3
K30A	Basset	84.73	40	P	P	10 26 31.2 +0.2
J31A	Geddes	84.74	39	P	P	10 26 31.7 +0.8
G34A	Benson	84.84	36	P	P	10 26 32.0 +0.7
F35A	Swanville	84.88	35	P	P	10 26 31.2 -0.3
SDCO	Great Sand Dun	84.89	46	P	P	10 26 32.9 +0.8
SDCO	Great Sand Dun	84.89	46	eP	P	10 26 33.5 +1.4
C38A	Sawbill Land.	84.93	32	P	P	10 26 31.3 -0.5
JAVS	Javornik	84.97	325	iP	P	10 26 30.7 -1.4
E36A	McGregor	84.98	34	P	P	10 26 32.2 +0.2
TUC	Tucson	85.18	53	eP	Pmax	10 26 35.0 +1.6
TUC	Tucson	85.18	53	eP	P	10 26 35.0 +1.6
L30A	Spencer Herefo	85.19	40	P	P	10 26 33.9 +0.6
K31A	O'Neill	85.21	39	P	P	10 26 33.9 +0.6
O28A	Kruisinger Ran	85.38	43	P	P	10 26 34.4 +0.2
ECSD	EROS Data Cent	85.48	37	P	P	10 26 34.9 +0.3
ECSD	EROS Data Cent	85.48	37	eP	P	10 26 35.1 +0.5
L31A	Butterfield Fa	85.49	40	P	P	10 26 35.0 +0.3
N29A	Votaw Ranch, W	85.52	41	P	P	10 26 35.4 +0.4
FETA	Feichten	85.60	328	iP	P	10 26 34.8 -0.5
H35A	Sunnyside Ranc	85.63	36	P	P	10 26 36.1 +0.8
P28A	Saint Francis	85.78	43	P	P	10 26 36.8 +0.5
T25A	Trinidad	85.94	46	P	P	10 26 38.1 +0.8
T25A	Trinidad	85.94	46	eP	P	10 26 38.8 +1.5
L32A	Elgin	86.04	39	P	P	10 26 37.6 +0.1
R27A	Eads	86.08	44	P	P	10 26 38.2 +0.4
Q28A	Sharon Springs	86.09	43	P	P	10 26 38.3 +0.5
FUORN	Ofenpass-Fuorn	86.11	328	eP	P	10 26 38.0 0.0
H36A	Jessenland, He	86.14	35	P	P	10 26 38.4 +0.5
S26A	Kim	86.16	45	P	P	10 26 38.2 0.0
ANMO	Albuquerque	86.19	49	eP	Pmax	10 26 40.4 +1.9
ANMO	Albuquerque	86.19	49	eP	P	10 26 40.2 +1.7
P29A	Atwood	86.21	43	P	P	10 26 38.4 +0.1
BGNE	Belgrade	86.20	40	P	P	10 26 39.5 +0.2
BGNE	Belgrade	86.40	40	eP	P	10 26 39.7 +0.5
R28A	Tribune	86.60	44	P	P	10 26 40.9 +0.5
P30A	Selden	86.62	42	P	P	10 26 40.7 +0.3
SCHO	Schefferville	86.65	15	P	P	10 26 40.6 +0.5
Q29A	Oakley	86.68	43	P	P	10 26 40.8 +0.1
I37A	Lemond, Waseca	86.82	35	P	P	10 26 42.3 +1.1
J36A	Seneca 1, Swea	86.89	36	P	P	10 26 42.4 +0.9
R29A	Marienthal	86.92	43	P	P	10 26 41.9 +0.1
121A	Cookes Peak, D	86.96	51	P	P	10 26 43.5 +1.2
Q30A	Quinter	87.04	43	P	P	10 26 42.6 +0.2
S28A	Manter	87.08	44	P	P	10 26 43.0 +0.3
P31A	Stockton	87.11	42	P	P	10 26 43.1 +0.3
J37A	Redenius Farm,	87.28	36	P	P	10 26 43.7 +0.3
K36A	Gilmore City	87.35	37	P	P	10 26 44.2 +0.4
U27A	Thompson Grove	87.36	46	P	P	10 26 45.0 +0.9
P32A	Huiting Farm,	87.45	41	P	P	10 26 44.1 -0.3
R30A	Dighton	87.50	43	P	P	10 26 45.0 +0.3
S29A	Ulysses	87.50	44	P	P	10 26 45.1 +0.4
M35A	Neola	87.61	38	P	P	10 26 45.2 +0.1
K37A	Belmond	87.65	36	P	P	10 26 45.2 0.0
S30A	Montezuma	87.85	44	P	P	10 26 46.9 +0.5
R31A	Burdett	87.91	43	P	P	10 26 46.8 +0.2
O34A	Beatrice	88.05	40	P	P	10 26 46.8 -0.4
P33A	Williams Farm,	88.07	41	P	P	10 26 47.0 -0.3
N35A	Tabor	88.09	39	P	P	10 26 47.0 -0.4
T30A	Plains	88.23	44	P	P	10 26 49.0 +0.8
U29A	Oasis Ranch, S	88.23	45	P	P	10 26 49.0 +0.8
Q33A	Connelly Farm,	88.32	41	P	P	10 26 49.1 +0.6
P34A	Walnut Farm, R	88.45	40	P	P	10 26 49.6 +0.5
M37A	Trindie Farm,	88.48	37	P	P	10 26 50.0 +0.9
U30A	WK&E Inc. Balk	88.53	45	P	P	10 26 49.5 -0.1
S32A	Newby Ranch, P	88.66	43	P	P	10 26 50.1 0.0
T31A	Randall Ranch,	88.68	44	P	P	10 26 50.1 -0.1
KSU1	Kansas State U	88.89	40	P	P	10 26 51.3 +0.1
MINX	Cornudas Mount	89.03	51	P	P	10 26 51.8 -0.2
T32A	Huddler Ranch,	89.04	43	P	P	10 26 52.4 +0.5
V30A	Spur Ranch, Mi	89.05	45	P	P	10 26 52.0 -0.1
AMTX	Amarillo	89.09	46	P	P	10 26 53.0 +0.7
R34A	Isabella, Hill	89.14	41	P	P	10 26 53.9 +1.6
Q35A	Mercer Eighty,	89.37	40	P	P	10 26 53.9 +0.5

X29A	Tulia	89.39	47	P	P	10 26 54.6 +0.9
Y28A	McKinney Farm,	89.44	47	P	P	10 26 55.1 +1.1
Y29A	Porterfield Fa	89.82	47	P	P	10 26 56.8 +1.1
W31A	Holland Ranch,	89.89	45	P	P	10 26 56.9 +0.9
V32A	Arapaho	90.02	44	P	P	10 26 57.5 +1.0
S35A	Otter Creek Ra	90.09	41	P	P	10 26 57.4 +0.6
T34A	McClaskey Farm	90.11	42	P	P	10 26 57.5 +0.6
128A	Castleberry Fa	90.19	48	P	P	10 26 58.4 +0.9
Z29A	Hungry Hill Ra	90.22	47	P	P	10 26 58.5 +0.9
Y30A	Stafford Cattl	90.26	47	P	P	10 26 57.5 -0.2
X31A	McDonald Ranch	90.26	45	P	P	10 26 58.5 +0.8
W32A	Sentinel	90.33	45	P	P	10 26 58.2 +0.2
U34A	Anderson Ranch	90.34	43	P	P	10 26 58.5 +0.5
S36						

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
SSD	baz=301			S		Sn	10	20	24.7	-0.8
TWTF	Yuli	2.12	328	eP		Pn	10	19	58.9	+1.4
ELDWT	Lidau	2.14	320	eP		Pn	10	19	58.5	+0.6
STYT	Tauyuan	2.29	315	eP		Pn	10	20	00.5	+0.9
STYT	baz=315			eS		Sn	10	20	29.7	+0.4
TWMT	Shoushan	2.31	304	eP		Pn	10	20	00.9	+1.0
TWMT	baz=303			eS		Sn	10	20	31.3	+1.4
SGST	Jiashian	2.35	311	eP		Pn	10	20	01.0	+0.8
SGST	baz=311			eS		Sn	10	20	30.9	+0.3
YUS	Yu-Shan	2.41	324	eP		Pn	10	20	02.9	+1.3
WTP	Ta-pu	2.44	314	eP		Pn	10	20	02.0	+0.6
WTP	baz=314			eS		Sn	10	20	33.4	+0.8
CHN1	Nanshi	2.46	312	P		Pn	10	20	02.2	+0.7
CHN1	baz=312			S		Sn	10	20	32.9	0.0
ALS	Alishan	2.51	321	iP		Pn	10	20	03.8	+1.2
ALS	baz=321			eS		Sn	10	20	36.4	+1.7
CHN4	Tsaushan	2.52	316	eP		Pn	10	20	03.0	+0.6
CHN4	baz=315			eS		Sn	10	20	34.2	-0.2
WDT	Danda	2.54	330	eP		Pn	10	20	04.8	+1.8
CHN5	Tsauling	2.65	321	P		Pn	10	20	04.9	+0.8
CHN5	baz=311			eS		Sn	10	20	37.9	+0.4
SMLT	Sun Moon Lake	2.76	328	eP		Pn	10	20	06.5	+1.0
TYC	Yuch	2.80	327	eP		Pn	10	20	06.8	+1.1
WHF	Hehuan Shan	2.83	336	eP		Pn	10	20	09.0	+2.2
TWGT	Tachien	2.96	336	eP		Pn	10	20	09.3	+1.3
WDT	Dungji	3.14	303	eP		Pn	10	20	08.5	-1.6
ENTT	Nicudou	3.20	344	eP		Pn	10	20	11.9	+1.0

ISK 05 10:27:22.2, 39°22'N, 27°52'E, h6km, MD2.7

ISCJB 05 10:27:23.8, 1.2, 39°07'N, 0°42'7.41E, 0.08, h0km, Error

ellipse: s-maj=9.0km s-min=4.9km az=164.2

CSEM 05 10:27:23.4, 0.8, 39°05'N, 27°36'E, h1km, MD2.6, Error

ellipse: s-maj=14.3km s-min=8.1km az=77.0, Mining

explosion.

DDA 05 10:27:25.5, 39°12'N, 27°52'E, h7km, Md2.6

ISC 05 10:27:24.2, 1.3, 39°10'N, 0°03'27.63E, 0.08, h0km, n18,

o58/30, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
AKHS	Akhisar	0.27	146	iP		Pb	10	27	31.4	-0.5
AKHS	AKS	0.27	146	iS		Sb	10	27	37.1	+0.1
AKHS	AKS	0.27	146	S		Pb	10	27	41.4	-0.5
AKS	Akhisar	0.27	146	ePG		Pb	10	27	30.9	-1.0
AKS	AKS	0.27	146	eGG		Pb	10	27	37.0	0.0
AKS	Akhisar	0.27	146	eGG		Pb	10	27	30.9	-1.0
AKS	AKS	0.27	146	eGG		Pb	10	27	37.0	0.0
BALY	Balya	0.64	360	iP		Pb	10	27	38.1	-0.2
BALY	Balya	0.64	360	iS		Pb	10	27	48.0	+0.2
BALY	Balya	0.64	360	P		Pb	10	27	38.1	-0.2
BALY	Balya	0.64	360	P		Pb	10	27	48.0	+0.2
DURS	Dursunbey	0.83	53	iP		Pb	10	27	42.1	+0.5
DURS	Dursunbey	0.83	53	iS		Pb	10	27	47.0	0.0
DURS	Dursunbey	0.83	53	P		Pb	10	27	42.0	+0.5
DURS	Dursunbey	0.83	53	P		Sn	10	27	56.2	0.0
DEMI	Demirci	0.85	94	iP		Pb	10	27	43.8	+0.2
DEMI	Demirci	0.85	94	iS		Pb	10	27	56.9	+0.1
DEMI	Demirci	0.85	94	P		Pb	10	27	43.8	+0.2
DEMI	Demirci	0.85	94	P		Sn	10	27	56.9	+0.1
MANT	Manisa	0.95	130	iP		Pb	10	27	45.9	+0.8
MANT	Manisa	0.95	130	iS		Pb	10	28	00.0	+0.6
MANT	Manisa	0.95	130	P		Pb	10	27	45.9	+0.8
MANT	Manisa	0.95	130	P		Sn	10	27	59.0	+0.6
KULA	Kula-Manisa	1.00	126	ePn		Pb	10	27	44.4	-0.1
KULA	Kula-Manisa	1.00	126	ePn		Pb	10	27	44.4	-0.1
AYDB	Zeytinokoy-Aydi	1.17	170	ePn		Pb	10	27	47.5	+0.1
AYDB	Zeytinokoy-Aydi	1.17	170	ePn		Pb	10	27	47.5	+0.1
TVSB	Tavasani	1.47	76	ePn		Pb	10	27	50.7	-1.4
TVSB	Tavasani	1.47	76	ePn		Pn	10	27	50.7	-1.4

IDC 05 10:35:08.8, 3.0, 14°39'N, 92°38'W, h0km, mb4.0/5,

mb1.4, 0.7, mb1mx3.8/38, mbtmp3.8/7, ML3.5/2, Error

ellipse: s-maj=152.9km s-min=17.9km az=42.0

ISCJB 05 10:35:11.4, 0.7, 14°13'N, 0°07'92.60W, 0.08, h37km,

mb4.0/7, Error ellipse: s-maj=12.3km s-min=8.8km

az=154.6

NEIC 05 10:35:12.8, 14°08'N, 92°80'W, h53km, mb4.1/2,

MD4.4(MEX), After MEX.

MEX 05 10:35:12.7, 0.4, 14°05'N, 92°79'W, h49km, h3km, MD3.8

ISC 05 10:35:13.6, 1.1, 14°11'N, 0°10'92.82W, 0.09, h37km, n149,

g1900/154, mb4.0/7, Near coast of Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
PCIG		1.64	346	eP		Pn	10	35	38.1	-1.6
PCIG		1.64	346	eP		Pn	10	35	58.8	-0.8
PCIG		1.64	346	eP		Pn	10	35	38.1	-1.6
PCIG		1.64	346	eP		Pn	10	35	58.5	-0.9
CCIG	Comitan	2.26	17	iP		Pn	10	35	47.4	-1.1
CCIG	Comitan	2.26	17	eS		Pn	10	35	13.9	-1.3
CCIG	Comitan	2.26	17	iS		Pn	10	35	50.2	+1.6
CCIG	Comitan	2.26	17	eS		Pn	10	35	16.2	+0.9
TGIG		2.67	354	eP		Pn	10	35	52.5	-1.5
TGIG		2.67	354	eP		Pn	10	35	23.6	-1.7
TGIG		2.67	354	eP		Pn	10	35	52.5	-1.6
TGIG		2.67	354	eP		Pn	10	35	23.6	-1.7
CMIG	Matias Romero	3.57	326	Pn		Pn	10	36	05.4	-1.0
CMIG	1.5nm, 0.3s, baz=158, slow=14, SNR=24			Lg		Lg	10	37	02.8	
TEIG	Tepich	7.47	35	ePn		Pn	10	37	00.4	+0.4
832A	Faith Ranch, C	15.60	336	P		P	10	38	56.1	+1.6
733A	Divot King Ran	15.73	339	P		P	10	38	57.3	+1.3
732A	Laxson Ranch,	15.99	337	P		P	10	38	59.7	+0.8
632A	Uvalde	16.63	338	P		P	10	39	06.8	+0.8
534A	Blanco	16.68	343	P		P	10	39	07.5	+0.9
631A	Perdido Creek	16.84	336	P		P	10	39	09.9	+1.6
437A	Phantom Ranch,	16.92	350	P		P	10	39	09.8	+0.6
532A	Rocksprings	17.23	339	P		P	10	39	13.9	+1.2
338A	Crockett	17.32	353	P		P	10	39	15.0	+1.4
529A	Stev Forest Ra	18.15	333	P		Pn	10	39	24.5	+1.7
TXAR	Lajitas Array	18.18	328	P		P	10	39	21.5	-1.7
430A	Baggett Ranch,	18.32	336	P		Pn	10	39	26.8	+1.9
332A	Millersview	18.33	341	P		Pn	10	39	26.4	+1.4
429A	Davenport Ranc	18.44	335	P		Pn	10	39	28.1	+1.7
234A	Clairette	18.47	346	P		Pn	10	39	27.7	+1.1
331A	San Angelo	18.49	339	P		Pn	10	39	28.5	+1.6

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
330A	Coleman	18.77	342	P		Pn	10	39	30.8	+0.5
232A	Mertzton	18.85	337	P		Pn	10	39	31.7	+0.4
134A	White-Moore Ra	19.00	346	P		Pn	10	39	33.1	0.0
231A	Bronze	19.03	340	P		Pn	10	39	33.6	+0.2
329A	Wagon Wheel Ra	19.23	336	P		Pn	10	39	35.6	-0.3
133A	Hamilton Ranch	19.24	344	P		Pn	10	39	35.4	-0.6
230A	Sterling City	19.26	338	P		P	10	39	35.6	+0.6
Z36A	Blue Ridge	19.36	351	P		P	10	39	35.2	-0.8
ABTX	Ablene, Hawle	19.46	342	P		Pn	10	39	38.0	-0.6
131A	Roby	19.73	341	P		P	10	39	40.4	+0.3
Y39A	Lockesburg	19.78	357	P		P	10	39	40.7	+0.1
Y38A	Idabel	19.81	355	P		P	10	39	41.0	+0.1
Z33A	Whitaker Ranch	19.85	345	P		P	10	39	41.6	+0.3
130A	Snyder	19.85	339	P		P	10	39	41.8	+0.4
Y37A	Hugo	19.95	353	P		Pn	10	39	42.1	-0.1
Y36A	Durant	19.95	352	P		P	10	39	42.8	+0.3
228A	UT Block 9, Go	20.03	335	P		P	10	39	44.4	+0.9
Z32A	Haskell	20.05	344	P		P	10	39	44.4	+0.8
Y35A	Marietta	20.08	350	P		P	10	39	44.1	+0.3
Z31A	Sharp Cattle R	20.25	342	P		P	10	39	46.2	+0.4
Y34A	Reagan Ranch,	20.27	348	P		P	10	39	45.7	-0.2
MIAR	Mount Ida	20.36	358	P		P	10	39	46.6	-0.3
128A	Castleberry Fa	20.43	336	P		P	10	39	48.6	+0.8
Y33A	Hilltop Ranch,	20.50	346	P		P	10	39	48.7	+0.2
X37A	Clayton	20.52	354	P		P	10	39	48.5	-0.2
Z30A	Sanderson Ranc	20.54	340	P		P	10	39	49.2	+0.3
X35A	Drake	20.55	350	P		P	10	39	49.4	+0.4
X38A	Whitesboro	20.55	355	P		P	10	39	49.1	+0.1
X36A	Centrahoma	20.62	352	P		P	10	39	49.7	0.0
Y32A	R-V Farms, Ver	20.70	344	P		P	10	39	50.5	-0.1
Z29A	Hungry Hill Ra	20.71	339	P		P	10	39	51.2	+0.4
Y31A	Rekieta Farm,	20.89	342	P		P	10	39	53.0	+0.3
W38A	Poteau	20.93	356	P		P	10	39	53.4	+0.3
MNTX	Cornudas Mount	20.96	329	P		P	10	39	54.7	+1.3
X33A	Lawton	20.98	347	P		Pn	10	39	55.7	-0.7
Z28A	Tucker Farm, M	20.99	337	P		P	10	39	54.1	+0.3
Y30A	Stafford Cattl	21.00	341	P		P	10	39	53.9	-0.1
X32A	Elmer	21.06	345	P						

H28A	Mission Ridge	51.36	64	P	P	11 23 57.0	-1.4
J27A	Elkhorn Farm,	51.68	66	P	P	11 23 59.2	-1.8
MVCO	Mesa Verde	51.69	76	P	P	11 24 00.1	-1.2
I28A	Midland	51.69	65	P	P	11 23 59.4	-1.5
D31A	Mcclellin, Tow	51.72	60	P	P	11 23 59.1	-2.0
E31A	Nome	51.93	60	P	P	11 24 00.4	-2.3
J28A	Allard Ranch,	52.01	65	P	P	11 24 01.6	-1.8
B33A	Robert and Kas	52.11	58	P	P	11 24 01.5	-2.5
I29A	Vivian Onida	52.17	64	P	P	11 24 01.8	-2.7
XAN	XTan	52.26	279	P	pP	11 24 05.4	0.0
XAN				pP	PMZ	11 24 13.9	-8.4
XAN	comp=Z,7.0nm,0.9s				PMZ		
W18A	Petrified Fore	52.31	79	P	P	11 24 05.9	+0.1
S22A	4UR Ranch, Cre	52.35	74	P	P	11 24 06.3	+0.1
K28A	Ten Mile Ranch	52.38	66	P	P	11 24 05.6	-0.6
B34A	Aery, Baudette	52.47	57	P	P	11 24 05.0	-1.6
214A	Organ Pipe Nat	52.53	84	P	P	11 24 07.1	-0.3
J29A	Okreek	52.54	65	P	P	11 24 06.1	-1.2
SUSD	South Dakota S	52.66	63	P	P	11 24 06.5	-1.6
I30A	Oacoma	52.73	64	P	P	11 24 07.1	-1.5
ZALV	Zalesovo Beam	52.92	312	P	P	11 24 09.1	-0.8
ZALV	comp=Z,1.0nm,0.3s,baz=51,slow=6.1,SNR=6.1			pP	PCP	11 25 18.0	0.0
ZALV	comp=Z,0.6nm,0.3s,baz=48,slow=2.1,SNR=4.2				LR	11 47 18.4	
B35A	Bob, Littlefor	53.03	56	P	P	11 24 09.3	-1.5
D34A	Park Rapids	53.05	59	P	P	11 24 09.3	-1.7
SDCO	Great Sand Dun	53.15	74	P	P	11 24 12.3	+0.2
I31A	Boyce, Wessing	53.15	63	P	P	11 24 10.2	-1.6
F33A	5 Mile Ranch,	53.25	60	P	P	11 24 11.8	-0.6
C35A	Jirik Farms, M	53.31	57	P	P	11 24 11.3	-1.6
K30A	Basset	53.41	65	P	P	11 24 12.4	-1.3
J31A	Geddes	53.51	64	P	P	11 24 12.6	-1.8
TUC	Tucson	53.55	82	eP	pP	11 24 15.4	+0.5
TUC	comp=Z,8.0nm,1.0s			eP	SP	11 24 30.4	+1.5
TUC	comp=Z,8.5nm,1.0s			eP	SP	11 24 38.8	-0.5
G33A	Ortonville	53.58	61	P	pP	11 24 12.8	-2.0
D35A	Remer	53.66	58	P	P	11 24 13.8	-1.6
H33A	Prehn Over Nor	53.73	62	P	P	11 24 14.9	-1.1
O28A	Kruisinger Ran	53.80	69	P	P	11 24 15.7	-1.0
E35A	Pequot Lakes	53.81	59	P	P	11 24 14.8	-1.7
L30A	Spencer Herefo	53.81	66	P	P	11 24 15.1	-1.5
C36A	Pine Crest Far	53.87	57	P	P	11 24 15.2	-1.7
LZH	Lanzhou	54.00	285	eP	pP	11 24 27.0	+8.7
LZH				eP	SP	11 24 38.1	+2.5
L31A	Butterfield Fa	54.17	65	P	P	11 24 19.1	-0.2
P28A	Saint Francis	54.17	69	P	P	11 24 18.9	-0.5
T25A	Trinidad	54.20	73	P	P	11 24 19.8	0.0
GTA	Gaotai	54.22	290	eP	S	11 24 20.9	+1.2
GTA				S	PMZ	11 31 58.5	+6.5
GTA	comp=Z,8.0nm,1.2s				PMZ		
GTA	comp=Z,7.4nm,6.9s				LN		
GTA	comp=Z,100nm,17.6s				LE		
GTA	comp=Z,100nm,16.6s				LZ		
C37A	Embarrass	54.23	56	P	P	11 24 18.9	-0.6
H34A	Spellman Lake,	54.27	61	P	P	11 24 19.8	-0.1
LAZ	Ladron	54.37	78	eP	P	11 24 22.2	+1.2
LAZ	comp=Z,5.8nm,1.1s			eP	pP	11 24 38.1	+0.1
R27A	Eads	54.40	71	P	pP	11 24 46.1	+0.6
ECSD	EROS Data Cent	54.41	63	P	P	11 24 21.4	+0.3
ANMO	Albuquerque	54.42	77	P	P	11 24 21.2	-0.7
ANMO	comp=Z,2.2nm,0.8s,baz=315,slow=10.0,SNR=11.2			pP	pP	11 24 21.2	-0.2
ANMO	comp=Z,3.3nm,0.9s,baz=311,slow=7.7,SNR=6.8			pP	pP	11 24 21.2	-0.2
ANMO	comp=Z,2.0nm,0.8s			pP	pP	11 24 37.4	-1.0
ANMO	comp=Z,3.0nm,1.0s			pP	pP	11 24 21.9	+0.5
ANMO	comp=Z,3.0nm,1.0s			pP	pP	11 24 37.4	-1.0
S26A	Kim	54.44	72	P	P	11 24 21.2	-0.2
Q28A	Sharon Springs	54.46	70	P	P	11 24 21.4	-0.1
P29A	Atwood	54.64	69	P	P	11 24 22.1	-0.6
T26A	Comanche Natio	54.66	73	P	P	11 24 22.2	-0.8
LP6	Los Pinos Moun	54.74	78	eP	P	11 24 24.5	+0.8
R28A	Tribune	54.95	71	P	P	11 24 24.6	-0.4
P30A	Selden	55.07	69	P	P	11 24 25.2	-0.7
Q29A	Oakley	55.08	70	P	P	11 24 25.2	-0.7
121A	Cookes Peak, D	55.24	80	P	P	11 24 27.5	+0.5
S28A	Manter	55.40	71	P	P	11 24 28.0	-0.3
Q30A	Quinter	55.46	69	P	P	11 24 28.0	-0.7
T28A	Walsh	55.58	72	P	P	11 24 29.2	-0.4
U27A	Thompson Grove	55.63	73	P	P	11 24 30.1	+0.1
L34A	Svendisen Farm,	55.70	64	P	P	11 24 30.2	0.0
CBKS	Cedar Bluff	55.85	69	P	P	11 24 32.0	+0.6
R30A	Dighton	55.89	70	P	P	11 24 31.2	-0.5
Q31A	Ellis	55.93	69	P	P	11 24 31.3	-0.7
J36A	Seneca 1, Swea	55.93	62	P	P	11 24 31.0	-0.8
P32A	Hutting Farm,	55.98	67	P	P	11 24 31.5	-0.8

U28A	Mallet	56.01	73	P	P	11 24 32.3	-0.4
V27A	Dan Oppiter Fa	56.07	74	P	P	11 24 32.9	-0.2
S30A	Montezuma	56.20	70	P	P	11 24 33.6	-0.4
Q33A	Hebron	56.26	66	P	P	11 24 33.6	-0.7
R31A	Burdett	56.33	69	P	P	11 24 34.7	-0.1
Q32A	Meitler Ranch,	56.42	68	P	P	11 24 34.9	-0.5
U29A	Oasis Ranch, S	56.53	72	P	P	11 24 36.1	-0.2
O34A	Beatrice	56.60	66	P	P	11 24 36.0	-1.3
R32A	Long Quarter,	56.71	69	P	P	11 24 36.5	-1.0
Q33A	Connelly Farm,	56.84	68	P	P	11 24 37.8	-0.5
N35A	Tabor	56.84	65	P	P	11 24 37.9	-0.5
J38A	Wedel Dairy, R	56.96	61	P	P	11 24 37.7	-1.5
T31A	Randall Ranch,	57.04	70	P	P	11 24 38.8	-1.1
R33A	Olander Ranch,	57.21	68	P	P	11 24 40.5	-0.5
X28A	Dimmitt	57.29	74	P	P	11 24 41.6	-0.2
MNTX	Cornudas Mount	57.30	79	P	P	11 24 41.8	+0.1
MNTX	Cornudas Mount	57.30	79	eP	P	11 24 42.1	+0.4
MNTX	comp=Z,1.6nm,1.1s			eP	pP	11 24 58.5	-0.3
MSTX	Muleshoe	57.32	75	eP	pP	11 24 41.5	-0.5
MSTX	Muleshoe	57.32	75	eP	P	11 24 41.9	-0.1
AMTX	comp=Z,8.3nm,0.9s			eP	P	11 24 41.5	-0.7
M37A	Trindle Farm,	57.37	63	P	P	11 24 41.5	-0.5
Q34A	Chapman	57.40	67	P	P	11 24 41.0	-1.4
T32A	Huddler Ranch,	57.42	70	P	P	11 24 41.1	-1.5
KSU1	Kansas State U	57.47	67	P	P	11 24 41.3	-1.5
P35A	Duane Minner,	57.52	66	P	P	11 24 41.9	-1.3
CD2	Chengdu	57.58	280	eP	P	11 24 38.7	-5.1
CD2				S	SS	11 24 34.1	-2.5
R34A	Isabella, Hill	57.64	68	P	P	11 24 43.1	-1.0
Y28A	McKinney Farm,	57.68	75	P	P	11 24 44.1	-0.4
O36A	Blockow	57.71	65	P	P	11 24 43.8	-0.7
N37A	Lee Fars, Mou	57.72	64	P	P	11 24 44.0	-0.5
KURK	Kurchatov	57.91	312	eP	pP	11 24 45.4	-0.3
KURK				eP	PMZ	11 25 02.8	-0.1
KURK	comp=Z,9.0nm,0.3s			eP	P	11 24 45.4	-0.3
KURK	comp=Z,9.2nm,0.3s			eP	pP	11 25 02.8	-0.1
P36A	Good Intent, A	57.92	65	P	P	11 24 45.2	-0.8
U32A	Winter Ranch,	57.92	71	P	P	11 24 45.4	-0.7
Q35A	Mercer Eighty,	57.96	67	P	P	11 24 45.9	-0.4
Z28A	Tucker Farm, M	58.02	75	P	P	11 24 46.7	-0.2
Y29A	Porterfield Fa	58.06	75	P	P	11 24 47.4	+0.2
WMQ	Urumqi	58.09	302	eP	P	11 24 46.5	-0.7
WMQ	comp=Z,9.0nm,0.7s			PMZ			
WMQ	comp=Z,1.50nm,5.0s			LN			
WMQ	comp=Z,53nm,23.0s			LE			
WMQ	comp=Z,7.5nm,25.0s			LZ			
U33A	comp=Z,64nm,21.0s	58.41	70	P	P	11 24 48.8	-0.7
128A	Limco Farm, Me	58.42	76	P	P	11 24 49.4	-0.3
Z29A	Castleberry Fa	58.42	76	P	P	11 24 49.4	-0.3
Y30A	Hungry Hill Ra	58.45	75	P	P	11 24 49.9	0.0
Y30A	Stafford Catti	58.45	74	P	P	11 24 50.3	0.0
X31A	McDonald Ranch	58.54	73	P	P	11 24 50.7	+0.3
T34A	McClaskey Farm	58.55	69	P	P	11 24 49.3	-1.1
S35A	Otter Creek Ra	58.60	68	P	P	11 24 49.8	-1.0
R36A	Gordon, Harris	58.63	67	P	P	11 24 49.6	-1.4
W32A	Sentinel	58.64	72	P	P	11 24 51.2	+0.1
228A	UT Block 9, Go	58.71	77	P	P	11 24 51.6	0.0
V33A	Lossen Ranch,	58.73	71	P	P	11 24 51.5	-0.2
U34A	Anderson Ranch	58.75	70	P	P	11 24 51.6	-0.2
Z30A	Sanderson Ranc	58.78	75	P	P	11 24 52.2	+0.0
129A	Stewart Farms,	58.79	76	P	P	11 24 52.2	-0.1
Y31A	Rekieta Farm,	58.84	73	P	P	11 24 51.9	-0.6
MK31	Makanchi Array	58.85	307	P	pP	11 24 51.4	-1.0
MK31				pP	pP	11 24 51.9	-0.5
MKAR	Makanchi Array	58.85	307	P	pP	11 25 08.0	-1.6
MKAR	comp=Z,1.3nm,0.5s,baz=47,slow=6.5,SNR=4.8			LR			
GYA	Guiyang	58.92	274	eP	PMZ	11 24 52.2	-1.1
X32A	Elmer	59.10	72	P	P	11 24 53.9	-0.3
V34A	Guthrie	59.17	70	P	P	11 24 54.1	-0.7
U35A	Pawnee	59.26	69	P	P	11 24 54.7	-0.7
Y32A	R-V Farms, Ver	59.30	73	P	P	11 24 55.6	-0.1
Z31A	Shay Cattle R	59.35	74	P	P	11 24 55.4	-0.7
130A	Snyder	59.36	75	P	P	11 24 56.4	+0.2
S37A	Fort Scott	59.41	67	P	P	11 24 55.2	-1.1
329A	Wagon Wheel Ra	59.52	77	P	P	11 24 57.0	-0.3
V35A	Meyer Ranch, C	59.62	70	P	P	11 24 57.2	-0.7
131A	Roby	59.65	75	P	P	11 24 58.2	+0.1
Z32A	Haskell	59.76	73	P	P	11 24 59.0	+0.2
230A	Sterling City	59.77	76	P	P	11 24 58.8	-0.1
Y33A	Hilltop Ranch,	59.78	72	P	P	11 24 58.9	-0.1
T37A	Cheneyville 18	59.80	67	P	P	11 24 58.8	-0.2
VOSK	Vostochnaya	59.85	318	eP	pP	11 24 58.8	-0.3
VOSK				pP	pP	11 24 59.5	+0.2
BVA0	Borovoye Array	59.87	319	iP	pP	11 24 59.5	+0.2
BVA0	comp=Z,1.2nm,0.8s				pP	11 24 59.6	+0.2
BRVK	Borovoye	59.89	319	eP	P	11 24 59.6	+0.2

BRVK	comp=Z,1.3nm,0.8s			pP	pP	11 24 59.6	+0.2
BRVK	Borovoye	59.89	319	eP	P	11 24 59.6	+0.2
TXAR	comp=Z,1.3nm,0.8s	60.00	80	P	P	11 25 00.8	+0.1</

5d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AAK, AB31, AB31, etc.

BUJ 05 11:22:42.9, 11:60N-86:30W, h71km, mB4.8/3, Ms5.0/1, Ms7.4/6/2
ISC/JB 05 11:22:43.6:0.2, 11:69N:04:86:26W:0:04, h82km, 2km, mb4.6/57, Error ellipse: s-maj=8.8km s-min=3.2km az=141.1
IDC 05 11:22:44.5:1.7, 11:69N-86:35W, h66km, 15km, mb4.1/11, mb1.4/2/12, mb1mx3.0/37, mbtp4.4/12, MS3.4/10, Ms1.3/4/10, ms1mx3.2/26, Error ellipse: s-maj=27.7km s-min=12.1km az=58.0
CASO 05 11:22:44.3:0.1, 11:47N-86:51W, h37km, 121km, JCT, M4.5, mb4.6(NEIC)
NEIC 05 11:22:45.1:0.9, 11:59N:86:37W, h73km, 8km, mb4.6/50, Error ellipse: s-maj=12.0km s-min=6.8km az=50.0
NEIC Felt [I] at Managua. Also felt at Leon.
ISC 05 11:22:44.3:0.7, 11:56N:00:56:47W:0:06, h68km, 5km, n448, s121/462, mb4.7/58, 5C-7D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CRUN, MASN, XAVN, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CMIG, ROSC, 035Z, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ABTX, X38A, Y35A, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like U28A Mallet, R33A Olander Ranch, 121A Cookes Peak, D, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like WUAZ Wupatki, ISCO Idaho Springs, I37A Lemond, Waseca, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like C33A Trail, D30A Buchanan, E28A Huff, etc.

Table with columns for location (e.g., WHN, JNU, LOEI), time (e.g., 26.14 335), and other data points.

Table with columns for location (e.g., LZH, VLA, HHC), time (e.g., 12 19 10.5), and other data points.

Table with columns for location (e.g., WMQ, BOD, HVS), time (e.g., 12 21 11.4), and other data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kayabasi, Samos, Apeiranthos, Santorini, Thira Island, etc.

CSEM 05 13:13:33.0, 42.48N, 13.33E, h13km, MD1.5/6, After ROM ROM 05 13:13:33.0, 42.48N, 13.33E, h13km, 1km, MD1.5/6, MD1.6/4, Error ellipse: s-maj=1.5km s-min=0.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Campotosto, Pellescritta, Poggio Cancell, Verrico, etc.

IDC 05 13:21:45.2, 3.5, 3.31S, 99.93E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/36, mbtmp3.6/6, Error ellipse: s-maj=135.6km s-min=20.2km az=57.0, Southwest of Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiang Mai Arr, Diego Garcia H, etc.

SONM Songino Array 51.24 6 P P 13:20 50.8 -0.1; MKAR Makanchi Array 52.26 345 P P 13:30 58.1 -0.2; ZALV Zalesovo Beam 58.43 350 P P 13:31 42.2 -0.4

DDA 05 13:27:47.5, 36.85N, 26.60E, h4km, MD2.7; ATH 05 13:27:48.8, 36.91N, 26.63E, h31km, 1km, MD3.2/6; THE 05 13:27:49.9, 36.93N, 26.69E, h10km, 2km, ML2.8/2, Error ellipse: s-maj=2.6km s-min=0.8km az=55.0

CSEM 05 13:27:49.4, 0.2, 36.92N, 26.64E, h15km, ML2.8, Error ellipse: s-maj=4.0km s-min=0.5km az=154.0; ISCBJ 05 13:27:50.0, 0.4, 36.90N, 0.03, 26.67E, 0.04, h24km, 6km, Error ellipse: s-maj=5.1km s-min=4.6km az=175.8

ISC 05 13:27:49.8, 1.0, 36.90N, 0.02, 26.63E, 0.02, h14km, gkm, n40, c081/64, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Nisiro, Nisiros, Nisyros Isl., etc.

ISK 05 13:27:50.7, 40.47N, 29.22E, h3km, MD2.5; ISCBJ 05 13:27:51.4, 0.6, 40.47N, 0.04, 29.22E, 0.04, h0km, Error ellipse: s-maj=5.5km s-min=4.0km az=29.8

DDA 05 13:27:51.3, 40.45N, 29.21E, h7km, MD2.4; CSEM 05 13:27:51.5, 0.2, 40.47N, 29.22E, h2km, MD2.5, Error ellipse: s-maj=5.6km s-min=4.0km az=23.0, Mining explosion.

ISC 05 13:27:51.8, 1.1, 40.46N, 0.03, 29.21E, 0.02, h0km, n25, c046/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Gemlik, Bursa, Iznik, Mudanya-Bursa, etc.

DJA 05 13:28:17.3, 0.9, 2.5N, 12.8E, h232km, gkm, M3.8/8, mb3.5/3, MLV3.9/5, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Ternate, Labuha, Cibinong, Sanana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kagalaska Isla, Mount Adagdak, Kanaga Island, etc.

MOS 05 13:29:34.4, 1.0, 51.04N, 176.24W, h27km, mb4.9/21, Error ellipse: s-maj=12.4km s-min=8.3km az=106.4; ISCBJ 05 13:29:35.7, 0.3, 50.91N, 0.05, 176.35W, 0.04, h35km, mb4.5/45, MS3.8/11, Error ellipse: s-maj=6.6km s-min=3.3km az=170.0

NEIC 05 13:29:36.9, 50.97N, 176.44W, h24km, mb4.5/27, ML4.0(AEIC), After AEIC.

BUJ 05 13:29:36.0, 51.07N, 177.02W, h10km, mb4.8/28, mb4.9/22, Ms4.5/2, Ms7.4/1.8

ISC 05 13:29:38.3, 0.5, 51.00N, 0.08, 176.43W, 0.03, h35km, n145, c1946/143, mb4.5/45, MS3.9/11, IC, 22, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ETKA, KIRH, KIKV, GSKC, etc.

Table with columns: KSH, ScS, ScS, 14 23 02.2 -6.3, etc. Lists various stations and their coordinates.

Table with columns: GERES, VANDA, TORD, TXAR, PLCA, etc. Lists stations and their coordinates.

Table with columns: GOLH, AKAS, AUST 05, etc. Lists stations and their coordinates.

5d 16h

Table with columns: DUG, HWUT, LAO, BW06, SUR, PFO, ESDC, PAB, MVO, TAM, PGAV, MTE, MTE, AGMN, PMRV, MVO, ISCO, PVAQ, EYMN, SDCO, OGNE, ECSD, ANMO, RTC, COWI, CBKS, MNTX, SCIA, TORD, TORD, KSU1, JFWS, GLMI, TXAR, TXAR, HDIL, AAM, JCT, LONY, PMOZ, PKME, MIAR, CMLA, ACSO, KVTX, KVTX, DBIC, TIC, BCLN, GOGA, BRAL, CNNC, NHSC, SHEL, BBSR. Each row contains station name, frequency, power, and other technical details.

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Table with columns: HOPE, ASCN, EFI, MTJD, GRTR, JTS, PAYG, SDDR, BCIP, ANWB, PLCA, PLCA, FDF, BBGH, GRGR, OTAV, RCBR, LCO, NNA, LVC, CPUP, LPZA, LPZA, BDFB, SAML, JAY, JAY, PMG, PMG, SJL, WRA, BATI, ASAR, FITZ, ZALV, ILAR, KRSC, SPN, KIL, NLC, KZV, KZV, SDLR, SMAR, SMAR, UGLR, AVH, KRX, KRX, PET, KMNBR, GNL, RUS, RUS, KPT, MTRV, KOZ, KOZ, KBTR, ASAK, ASAK, ESO, SRDR, APC, APC, BDR, SMKR, SMKR, SRKR, SRKR, BKI, BKI, SZGR, SZGR, NEIC. Each row contains station name, frequency, power, and other technical details.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes station names like DZM, NFK, HNR, URZ, EIDS, RMQ, CTA, CNB, YNG, CMSA, QLP, MTSU, HTT, BBDO, WRAB, ASAR, ASAR, WRA, WRA, WRA, MTN, WRKA, FITZ, FITZ, KMBL, MBWA, MEEK, KLBR, NWAO, BLDU, MORW, VNSA, KSM, MJAR, QSPS, KSAR, MAW, MAW, CMAR, CMAR, NVAR, SONM, ILAR, MKAR, AKTO, PTGA, SJG, BDFB, ARCES, FINES, FINES, MTRU, GZR, PSZ, DPC, UJC, GZS, WRAC, PVCC, BRG, CLL, CLL, NRDL, FBE, ASSE, ASSE, PRU, PRU, CLZ, CLZ, NEUB, NEUB, PKSM, TANN, GTTG, WERD, WERD, PLN, PLN, GUNZ, GUNZ, WERN, WERN, MOX, MOX, CONA, CONA, DIVS, DIVS, MANZ, MANZ, KHC, KHC, ROTZ, ROTZ. Each row contains station name, frequency, power, and other technical details.

WRA Warramunga Arr 49.47 130 P P 18 11 12.1 +1.0
ASAR Alice Springs 51.47 134 P P 18 11 24.9 -1.3

IDC 05 18:12:5.6, 21.85S, 178.54W, h0km, mb3.8/3,
mb1 4.1/3, mb1mx3.7/36, mbtmp3.8/3, Error ellipse:
s-maj=253.1km s-min=60.7km az=150.0, Fiji Islands
region

Code Station Name Az AZZ Phase ID Time Res
CTA Charters Tower 32.8 267 Op P 18 24 53.7 +5.7
ASAR Alice Springs 43.73 258 P P 18 26 18.2 -1.4

WRA Warramunga Arr 43.93 264 P P 18 26 22.2 +1.0
FITZ Fitzroy Crossi 52.36 264 P P 18 27 26.2 -0.2
BRTR Keskin Array B 147.35 310 PKPbc PKPbc 18 37 57.6 -0.6

ISCJB 05 18:25:49.7, 0.5, 12.80N, 0.04, 123.09E, 0.05, h10km,
mb3.8/4, MS3.4/1, Error ellipse: s-maj=7.9km s-min=4.6km
az=149.9

MAN 05 18:25:52, 12.82N, 122.96E, h24km, mb4.6, ML3.5, MS3.5
IDC 05 18:25:58.5, 1.7, 14.73N, 123.74E, h0km, mb3.7/5,
mb1 3.8/5, mb1mx3.5/45, mbtmp3.7/5, MS3.3/1, Ms1 3.3/1,
ms1mx2.7/36, Error ellipse: s-maj=71.1km s-min=25.9km
az=63.0

ISC 05 18:25:50.5, 0.9, 12.78N, 0.04, 123.00E, 0.06, h10km, n17,
r=1517/17, mb3.8/5, 3C-2D, Luzon

Code Station Name Az AZZ Phase ID Time Res
AUQP San Andres 0.63 329 Op P 18 26 03.3 +0.6
OTRP Odiongan 1.05 247 P P 18 26 10.0 -0.7

OTRP Guinayangan 1.24 334 P P 18 26 24.4 0.0
RCP Roxas 1.24 192 P P 18 26 15.0 +1.0
SJMP San Jose 1.87 260 P P 18 26 22.4 -0.2

ASAR Alice Springs 37.76 164 P P 18 33 30.4 +2.3
MKAR Makanchi Array 48.10 323 P P 18 34 30.9 +0.4
ZALV Zalesovo Beam 50.91 32 P P 18 34 51.9 +0.1

MA2 Magadan 51.05 18 LR 18 54 07.6
KURBB Kurchatov Arr 52.70 326 P P 18 35 02.0 +0.5

CASC 05 18:34:05.1, 2.9, 7.94N, 82.47W, h0km, 8km, MD4.1,
South of Panama

Code Station Name Az AZZ Phase ID Time Res
BRU Baru 0.86 354 Op P 18 34 22.6 +0.4
BRU TBSU 0.86 348 Op P 18 34 37.4 -1.4

BRU2 Volcan 0.87 346 P P 18 34 34.8 -0.7
ACR Cerro Adams 0.98 316 Op P 18 34 24.3 +0.2
BUS Buena Vista 2.04 322 Op P 18 34 40.7 -0.6

AZU Azuero 2.23 94 Op P 18 34 41.2 -1.5
QCR Quepos 2.19 311 Op P 18 34 42.5 -0.8
ZANG Zanguenga, Cho 2.77 69 Op P 18 34 52.2 +1.5

Code Station Name Az AZZ Phase ID Time Res
URZ Urewera 16.43 196 P P 18 41 22.9 +1.0
URZ 1.4nm, 0.3s, baz=329, slow=2.1, SNR=21 S S 18 44 14.5 -8.9

CBJ Chichi jima 5.65 351 P S 18 50 25.2 +0.6
CBJ Chichi jima 5.65 351 S S 18 51 32.4 -1.1

CBJ Chichi jima 5.65 351 eSn P 18 51 31.6 -1.9
JHCJ Hachiojijimakas 11.91 346 P P 18 51 40.8 +0.3

JHU Mitsune 11.95 346 P P 18 51 40.7 -0.1
JHU Mitsune 11.95 346 ePn P 18 51 38.8 -2.0

JHU Hachijo jima 2 11.96 346 P S 18 53 37.8 -1.6
JHU 29nm, 0.3s, baz=56, slow=22, SNR=14 S S 18 51 40.9 -0.2

JHU 13nm, 0.3s, baz=68, slow=19, SNR=2.8 S S 18 53 46.5 -7.7
BSO1 Boso 1 13.25 352 P S 18 51 56.1 +0.2

BSO1 Boso 3 13.46 351 P S 18 51 59.3 +0.6
BSO3 Boso 3 13.46 351 S S 18 54 23.9 -2.8

BSO4 Boso 4 13.67 350 P S 18 52 02.1 +0.7
JWZ Kozaga 13.69 333 P P 18 52 03.3 +1.6

JJO Odawara 2 14.06 337 P P 18 52 07.4 +1.3
JOD2 Odawara 2 14.18 346 S S 18 52 08.0 +0.5

JNY Yasuko 14.58 342 P P 18 52 13.0 +0.7
JTO Tosashimizu 14.60 323 P P 18 52 15.5 +3.0

JAO Obara 14.67 341 P P 18 52 13.9 +0.5
JHU Hanna 14.70 347 S S 18 52 13.9 +0.6

JHU Yato 14.91 351 P P 18 52 15.6 -0.5
JRY Ryogami san 14.94 346 P P 18 52 16.4 -0.2

JRY Ashikaga 15.23 348 P S 18 52 19.0 -0.8
JHO Hitachi 15.25 352 S S 18 52 20.3 -0.4

JHO MJAR Matsushiro Arr 15.61 345 P P 18 52 22.9 +0.6
MAJO Matsushiro 15.61 345 P P 18 52 22.9 +0.6

MAJO Matsushiro 15.61 345 ePn P 18 52 22.9 +0.6
MAT Matsushiro 15.61 345 P S 18 52 23.2 +0.9

MAT Matsushiro 15.61 345 S S 18 55 07.7 +3.1
JNU Nakatsue 15.91 319 P P 18 52 27.3 -0.6

NACB Nanganchoa 20.07 282 eP P 18 53 08.9 -1.4
TJN Taenjo 20.24 321 P P 18 53 19.5 +0.1

YHNB Yeheng 20.31 283 eP P 18 53 11.4 -1.3
SSLB Suanglung 20.64 281 eP P 18 53 15.8 -0.2

FITZ Fitzroy Crossi 42.94 205 eP P 18 56 28.2 -0.2
KULM Kulim 44.22 255 eP P 18 56 39.3 +0.7

KRAB Krabi 44.35 260 P P 18 56 41.0 +1.2
ASAR Alice Springs 45.79 192 P P 18 56 50.7 -0.1

ASAR 46.19 210 P P 19 01 46.0 +0.6
ASAR 47.31 291 eP P 19 03 08.0 -2.6

LSA Lhasa 47.31 291 eP P 18 57 04.2 +1.1
LSA 47.31 291 eP P 18 57 04.2 +1.1

LSA Lhasa 47.31 291 eP P 18 57 04.2 +1.1
MVB Marble Bar 48.19 210 P P 18 57 08.6 -0.6

HVS Khovu-Aksy 48.38 320 eP P 18 57 11.5 +1.0
BILL Bilibino 48.72 11c iP P 18 57 13.3 +0.7

BILL Koldandia 54.08 289 iP P 18 57 53.3 +0.3
UNV Unalaska 49.77 37 eP P 18 57 21.0 +0.3

TAPN Taplejung 50.51 288 iP P 18 57 27.5 +0.5
ODAN Odare 50.84 288 iP P 18 57 29.8 +0.3

RAM Ramite 51.53 288 iP P 18 57 34.8 +0.2
GUN Gumba 52.06 289 iP P 18 57 38.9 +0.3

PKI Pulchoki 52.51 289 iP P 18 57 41.7 -0.1
PKIN 52.52 289 iP P 18 57 42.0 +0.2

KKN Kakani 52.60 289 iP P 18 57 42.5 +0.2
DMN Damak 52.77 289 iP P 18 57 43.9 +0.2

GKN Gorkha 53.14 289 iP P 18 57 46.4 +0.2
DANN Dangsing 53.87 290 iP P 18 57 52.4 +0.8

KOLN Koldandia 54.08 289 iP P 18 57 53.3 +0.3
ZALV Zalesovo Beam 54.37 322 P P 18 57 54.2 -0.2

MK31 Makanchi Array 54.83 313 iP P 18 57 58.2 +0.3
MK31 54.83 313 iP P 18 57 58.2 +0.3

MKAR Makanchi Array 54.83 313 P P 18 57 58.2 +0.4
MKAR 54.83 313 P P 18 57 58.2 +0.4

NVS Novosibirsk 55.46 323 iP P 18 58 02.6 +0.5
NVS 55.46 323 iP P 18 58 02.6 +0.5

NVS 55.46 323 iP P 18 58 02.6 +0.5
NVS 55.46 323 iP P 18 58 02.6 +0.5

5d 19h

Table of astronomical observations for 5d 19h, listing stations like MENT, EGAK, DZET, and various array names with their coordinates and observation times.

DDA 05 18:54:28.9, 39:94N, 26:89E, h7km, MD2.7
ISCJB 05 18:54:29.0, 39:92N, 0:05:26:90E, 0.05, h9km, Error ellipse: s-maj=7.6km s-min=5.3km az=153.3

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Table of astronomical observations for 2010 NOV, listing stations like GELI, BOZC, BALB, and various array names with their coordinates and observation times.

ISCJB 05 18:55:30.1, 23:89N, 0:03:122:31E, 0:02, h14km, 8km, Error ellipse: s-maj=4.7km s-min=3.0km az=157.4

Table of astronomical observations for 2010 NOV, listing stations like TWD, ENA, JYNG, and various array names with their coordinates and observation times.

IDC 05 19:04:55.6, 2.4, 12:40N x 141.98E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.7/37, mbtmt3.8/6, MS3.3/1, Ms1 3.3/1, ms1mx2.5/29, Error ellipse: s-maj=81.7km s-min=1.0km az=78.0, South of Mariana Islands

Table of astronomical observations for 2010 NOV, listing stations like BATI, WRA, ASAR, and various array names with their coordinates and observation times.

IDC 05 19:05:48.6, 6.8, 29:09S x 176:70W, h0km, mb3.2/2, mb1 3.4/2, mb1mx3.3/30, mbtmt3.2/2, Error ellipse: s-maj=449.2km s-min=80.9km az=165.0, Kermadec islands region

Table of astronomical observations for 2010 NOV, listing stations like ASAR, WRA, and various array names with their coordinates and observation times.

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FINES FINESS Array B 144.29 341 PKP PKPdf 19.25 25.3 -0.6

AUST 05 19:10:10.4, 16:00S; 169:48E, h15km
IDC 05 19:10:24.1, 1.1, 17:50S; 167:90E, h0km, mb4.2/9, mb1 4.4/11, mb1mx4.1/33, nbmtmp4.3/11, ML4.4/2, MS3.2/2, ms1 3.2/2, ms1mx2.9/21, Error ellipse: s-maj=28.1km s-min=21.8km az=95.0

ISCJB 05 19:10:26.4, 0.7, 17:49S; 0:06:167:8E, 0:1, h27km, mb4.4/18, MS3.6/1, Error ellipse: s-maj=14.2km s-min=8.8km az=175.3

NEIC 05 19:10:29.5, 0.6, 17:57S; 167:80E, h35km, mb4.7/11, Error ellipse: s-maj=14.1km s-min=10.7km az=81.0

ISC 05 19:10:28.1, 0.8, 17:50S; 0:08:167:9E, 0:1, h27km, m36, s1506/35, mb4.4/17, Vanuatu Islands

Table of astronomical observations for 2010 NOV, listing stations like DZM, DZM, DZM, and various array names with their coordinates and observation times.

DDA 05 19:14:26.6, 38:85N, 25:99E, h7km, MD3.1
ISCJB 05 19:14:27.3, 0.6, 38:86N, 0:02:26:02E, 0:04, h13km, 5km, Error ellipse: s-maj=4.7km s-min=3.1km az=169.1

CSEM 05 19:14:27.3, 0.2, 38:86N, 26:00E, h12km, MD3.1, Error ellipse: s-maj=4.9km s-min=3.8km az=87.0

ATH 05 19:14:27.2, 38:88N, 26:00E, h24km, MD3.1/12
ISK 05 19:14:27.0, 38:84N, 25:92E, h21km, MD3.3
ISC 05 19:14:27.1, 0.3, 38:86N, 0:02:26:01E, 0:02, h11km, 11km,

Table of astronomical observations for 2010 NOV, listing stations like SIGR, SIGR, SIGR, and various array names with their coordinates and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SMTH, EREA, AOS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LPK, GELI, EZN, etc.

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

IDC 05 19:16:21.1-0.5, 18:05:01.178:55W,0:10, h579km, n36, 184Z/33, mb3.9/6, Fiji Islands region

ISC/JB 05 19:16:21.1-0.5, 18:05:01.178:55W,0:10, h579km, mb3.9/8, Error ellipse: s-maj=15.7km s-min=0.9, h37km az=159.5

AUST 05 19:16:23.4, 18:05:01.178:47W, h600km

ISC 05 19:16:22.4-0.6, 18:15:01.178:55W,0:10, h579km, n36, 184Z/33, mb3.9/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI, NIUE, DZM, etc.

IDC 05 20:17:34.8-4.1, 51:40N, 176:90W, h0km, mb3.6/5, mb1.3/9, mb1mx3.6/46, mbmtpr3.6/6, ML-2.1, MS2.7/1, Ms1.2/7.1, ms1mx2.3/34, Error ellipse: s-maj=119.4km s-min=26.1km az=160.0

ISC/JB 05 20:17:36.1-0.9, 50:59N, 176:42W, 0:07, h35km, mb3.9/4, MS2.7/1, Error ellipse: s-maj=10.1km s-min=6.3km az=162.1

NEIC 05 20:17:36.3, 51:04N, 176:42W, h38km, ML3.0(AEIC), After AEIC

ISC 05 20:17:37.1-1.2, 51:00N, 176:40W, 0:06, h35km, n30, 05/29/37, mb3.9/4, Andrew's Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ETKA, ADAG, KIKV, etc.

NEIC 05 20:30:45.9, 19:12N, 66:50W, h25km, MD3.2(RSPR), After RSPR

RSPR 05 20:30:45.9, 19:12N, 66:50W, h25km, MD3.2/10, 18C-8D, Puerto Rico region

ISC/JB 05 20:39:07.6-0.2, 40:30S, 174:57E, 0:04, h97km, 3km, mb4.2/6, Error ellipse: s-maj=4.9km s-min=2.9km az=19.1

IDC 05 20:39:07.2-0.0, 40:17S, 174:55E, h65km, 2.1km, mb4.0/4, mb1.4/1.6, mb1mx3.7/26, mbmtpr4.2/6, Error ellipse: s-maj=23.5km s-min=15.2km az=137.0

WEL 05 20:39:09.3-0.1, 40:28S, 174:58E, h86km, 2km, ML4.3/22, Error ellipse: s-maj=0.7km s-min=0.4km az=90.0

WEL Feit from Tararaki to Wellington, maximum reported Intensity MM 4.0

NEIC 05 20:39:09.2, 40:28S, 174:58E, h87km, mb4.3/2, ML4.3(WEL), After WEL

NEIC Feit in the New Plymouth-Wanganui-Wellington area. ISC 05 20:39:08.0-8.0, 40:30S, 174:58E, 0:03, h93km, 6gkm, n203, 1912/25, mb4.3/6, 17C-9D, Cook Strait

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

MAN 05 19:16:48, 13:03N, 122:46E, h10km, mb4.6, ML3.4, MS3.4, 3C, Luzon

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

ISC/JB 05 20:24:54.5-0.5, 40:00N, 103:33E, 0:04, h6km, 6km, Error ellipse: s-maj=5.1km s-min=4.2km az=23.0

DDA 05 20:24:54.3, 40:02N, 103:26E, h7km, Md2.8

CSEM 05 20:24:54.0, 40:01N, 103:27E, h10km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.7km az=109.0

ISK 05 20:24:54.4, 39:99N, 103:26E, h10km, MD2.8

ISC 05 20:24:54.1, 40:02N, 103:33E, 0:03, h12km, 10km, n31, 05/41/2, Turkey

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

ISC/JB 05 20:24:54.5-0.5, 40:00N, 103:33E, 0:04, h6km, 6km, Error ellipse: s-maj=5.1km s-min=4.2km az=23.0

DDA 05 20:24:54.3, 40:02N, 103:26E, h7km, Md2.8

CSEM 05 20:24:54.0, 40:01N, 103:27E, h10km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.7km az=109.0

ISK 05 20:24:54.4, 39:99N, 103:26E, h10km, MD2.8

ISC 05 20:24:54.1, 40:02N, 103:33E, 0:03, h12km, 10km, n31, 05/41/2, Turkey

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

MEX 05 19:22:00.5-0.3, 14:67N, 92:87W, h28km, 15km, MD3.8, Near coast of Chiapas

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

ISC/JB 05 20:24:54.5-0.5, 40:00N, 103:33E, 0:04, h6km, 6km, Error ellipse: s-maj=5.1km s-min=4.2km az=23.0

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

5d 21h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like MTVZ, DREZ, NWEZ, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MQZ, ABMZ, WABZ, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ASAR, GERB, IDC, etc.

6d 0h

Table of astronomical observations for 6d 0h, listing stations like KK31, SFK, SFK, MNAS, etc., with columns for station name, coordinates, and observation details.

2010 NOV

Table of astronomical observations for 2010 NOV, listing stations like HFS, CMAR, TOR, LEM, etc., with columns for station name, coordinates, and observation details.

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Table of astronomical observations for 274, listing stations like A21, A16, LMQ, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like ILLAN, TWE Neicheng, ENTT Nioudou, EGS, NNS, NSK Sanguang, TWB1 Santiao Chiao, etc.

ISCJB 06 00:17:20.4-0.6, 9.1N, 0.06E, 73.04W, 0.07, h166km, mb3.7/2, Error ellipse: s-maj=12.0km s-min=6.0km az=40.5

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like CAPV, ROSC, RASC, VIGV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like MAPV Macapo, MONV Montecano, TURV Turiamo, etc.

JMA 06 00:22:05.7-0.1, 23.96N, 121.96E, h40km, 2km, M3.2, ISCJB 06 00:22:06.6-0.4, 24.02N, 0.02, 122.03E, 0.02, h30km, 3km, Error ellipse: s-maj=3.9km s-min=2.8km az=150.5

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like HWA Hwalien, TWD Chiawan, ENA Nanau, ESF Shoufeng Towns, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like JISG Ishigakijimahi, JTJ Tarama, LJU 06 00:50:39.7, 45.54N, 14.28E, h8km, ML0.7, etc.

CSEM 06 00:52:21.3-0.1, 43.74N, 20.69E, h8km, ML2.6, Error ellipse: s-maj=2.5km s-min=2.4km az=76.0

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like GRUS Gruza, IVAS Ivanjica, TRUS Trudelj, SELS Selova, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, Op, H, S, Res, ISC. Includes stations like GARELOI, ATKA, KOKL, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, Op, H, S, Res, ISC. Includes stations like ASAR, CTA, WRKA, QLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, Op, H, S, Res, ISC. Includes stations like GANU, IBST, IBST, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, Op, H, S, Res, ISC. Includes stations like BNDI, MSAI, NLAJ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, Op, H, S, Res, ISC. Includes stations like GANU, IBST, IBST, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZNJk, TRabzon, SIZA, KELT, CHVG, KORR, IDHR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRH, VORD, VORR, VSR, VSR, LPSR, LPSR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, FINES, FINES, FINES, KURB, KURK, KURK, etc.

MEX 06:01:11:216.0-0.4,18:04N-99:62W,h10km,1km,MD4,0, Guerrero

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like MEIG, MEIG, PLIG, PLIG, etc.

DDA 06:01:13:07.6,38:89N-44:48E,h7km,Md2.9
ISK 06:01:13:08.2,38:97N-44:41E,h5km,MD2.9
CSEM 06:01:13:11.2,20.6,38:89N-44:25E,h2km,MD2.9,Error

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like CLDR, CLDR, CLDR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like STHS, PSZ, GORC, CONA, PRUH, etc.

DDA 06 01:48:56.4, 38.99N-44.52E, h6km, Md3.0
ISK 06 01:48:56.3, 39.05N-44.53E, h5km, MD2.9
CSEM 06 01:49:01.0, 0.7, 38.94N-44.22E, h2km, MD2.9, Error

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

ISCJB 06 02:08:28.7, 0.4, 5.12S; 0.04x133.89E; 0.04, h28km, mb4.3/4, MS3.1/1, Error ellipse: s-maj=6.0km s-min=4.8km

NEIC 06 02:08:28.5, 4.2, 5.06S; 133.77E, h0km, 28km, mb4.4/4, Error ellipse: s-maj=13.0km s-min=19.6km

IDC 06 02:08:28.5, 1.0, 5.07S; 133.70E, h0km, mb4.0/2, mb1.4/5.7, mb1mx4.2/29, mbmtpp4.5/7, ML4.6/5, MS3.4/6, Ms1.3/4.6, ms1mx3.2/28, Error ellipse: s-maj=30.4km s-min=22.0km az=84.0

AUST 06 02:08:29.8, 2.5, 5.03S; 133.88E, h19km, Error ellipse: s-maj=1.2km s-min=0.6km az=236.0

DJA 06 02:08:32.6, 0.5, 5.4, 13.4E, h107km, 9km, M4.7/13, mb4.9/13, mb5.2/9, MLV4.8/10, Mw(MB)4.5/9

ISC 06 02:08:31.1, 0.6, 4.98S; 104.133.79E; 0.05, h28km, n50, c2s02/43, mb4.2/4, Irian Jaya region

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

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

ISCJB 06 02:12:41.7, 0.8, 36.76N; 0.02; 87.58E; 0.02, h5km, 5km, mb4.8/103, MS4.6/48, Error ellipse: s-maj=3.9km s-min=2.6km az=26.5

IDC 06 02:12:41.0, 0.5, 36.62N; 87.65E, h0km, mb4.6/26, mb2.1/4.732, mb1mx4.6/46, mbmtpp4.6/32, ML3.5/6, MS4.4/31, Ms1.4/4/31, ms1mx4.4/35, Error ellipse: s-maj=16.3km s-min=9.9km az=34.0

BJJ 06 02:12:42.5, 36.76N; 87.53E, h7km, mb4.6/55, mb4.9/36, ML5.4/8, MS5.0/67, Ms7.4/8/62

NEIC 06 02:12:43.6, 0.2, 36.64N; 87.51E, h10km, mb4.9/46, Error ellipse: s-maj=6.1km s-min=3.9km az=209.0

GCMT 06 02:12:43.6, 0.2, 36.82N; 87.61E, h22km, 1km, MW5.2/94, Moment Tensor Solution. s46,c61; s94,c159; Duration: 0 Moment tensor: Scale 10^17Nm; Mr=0.01; 0.2; Mw=0.71; 0.1; Mw0.72; 0.2; Mw0.04; 0.3; Mw0.14; 0.1; Mw0.04; 0.3; Best double couple: Mo, 73200x10^17 Np1, 321, 00000; s90, 00000; 1.5, 00000; NP2: 0.1, 41, 00000; s85, 00000; 1.80, 00000; Principal axes: T, 0.7400, Plg4, 0000; Azm, 6, 0000; N, 0.0170, Plg8, 0000; Azm, 237, 0000; P, -0.7240, Plg3, 0000; Azm, 0, 0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=40s.

MOS 06 02:12:44.3, 1.1, 36.70N; 87.58E, h28km, mb5.0/67, MS4.6/37, Error ellipse: s-maj=6.6km s-min=3.9km az=124.9

NNC 06 02:12:46.2, 2.4, 36.78N; 87.67E, h26km, 14km, mb5.0, Error ellipse: s-maj=19.3km s-min=13.3km az=47.0

SZGRF 06 02:12:49.7, 36.42N; 87.18E, h33km, mb4.8/1(BGR) ISC 06 02:12:46.0, 0.4, 36.79N; 0.04; 87.53E; 0.03, h23km, 2km, h2km, s-maj=1.8km, s-min=1.8km, mb4.8/105, MS4.7/49, 65C-40D, Southern Xinjiang

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

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

Table with columns for station call letters, frequency, name, and various technical parameters. Includes stations like MOS, RAYN, KLMR, OBNS, etc.

Table with columns for station call letters, frequency, name, and various technical parameters. Includes stations like OJC, PSZ, PETK, VYHS, etc.

Table with columns for station call letters, frequency, name, and various technical parameters. Includes stations like FUORN, TUE, BFO, MEM, etc.

6d 3h

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

CSEM 06 02:16:43.5 0.1, 43.74N:20:66E, h2km, ML2.8, Error ellipse: s-maj=3.5km s-min=2.8km az=57.0

THE 06 02:16:44.5, 43.92N:20:70E, h3km, 23km, Error ellipse: s-maj=2.9km s-min=2.7km az=0.0

BEO 06 02:16:44.0 0.1, 43.76N:20:68E, h2km, ML2, B/1

ISC 06 02:16:44.0 0.1, 43.75N:02:20:67E, h2km, h5km, 8km, n94, c088/122, 16C-80, Northwestern Balkan Peninsula

Main table listing station names, coordinates, and technical parameters for stations in the Balkan Peninsula region.

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Table listing station names, coordinates, and technical parameters for stations in the Czech and Slovak Republics region.

CSEM 06 02:17:46.1 ± 0.9, 49.91N:18:52E, h1km, Error ellipse: s-maj=2.1km s-min=8.0km az=40.0

PRU 06 02:17:46.5, 49.93N:18:53E, h0km, Czech and Slovak Republics

Table listing station names, coordinates, and technical parameters for stations in the Czech and Slovak Republics region.

CSEM 06 02:20:58.0 ± 0.5, 38:00N:36:21E, h20km, MD2.7, Error ellipse: s-maj=15.0km s-min=5.0km az=109.0

ISB 06 02:20:59.8, 37:77N:36:65E, h23km, MD2.6

ISCJB 06 02:21:01.0 ± 0.6, 37:76N:03:36:64E:0.06, h23km, 9km, Error ellipse: s-maj=8.5km s-min=5.5km az=177.2

DDA 06 02:21:01.5, 37:77N:36:67E, h7km, Md2.7

ISC 06 02:21:00.5 ± 1.1, 37:79N:03:36:61E:0.04, h18km, 8km, n17, c1914/27, Turkey

Table listing station names, coordinates, and technical parameters for stations in Turkey.

ISCJB 06 02:23:45.4 ± 0.3, 67:15N:02:20:66E:0.07, h0km, Error ellipse: s-maj=3.7km s-min=2.7km az=3.4

CSEM 06 02:23:46.7 ± 0.2, 67:18N:02:68E, h2km, ML2.3, Error ellipse: s-maj=4.4km s-min=3.2km az=77.0, Mining explosion.

UPP 06 02:23:46.3 ± 0.1, 67:19N:02:63E, h0km, ML2.3, Explosion

HEL 06 02:23:47.0 ± 0.1, 67:19N:02:64E, h0km, ML1.7, ML2.3(UPP), Explosion

ISC 06 02:23:47.1 ± 0.9, 67:18N:02:86E, h0km, mb1 3.0/4, mb1mx2.9/3.5, mb1mp3.0/4, ML2-4/4, Error ellipse: s-maj=16.6km s-min=8.1km az=112.0

BER 06 02:23:49.2 ± 2.8, 67:10N:21:09E, h0km, 25km, MD2.7, ML1.7

ISC 06 02:23:45.9 ± 0.7, 67:18N:02:20:65E:0.02, h0km, n74, c095/108, Sweden

Main table listing station names, coordinates, and technical parameters for stations in the Sweden region.

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Table listing station names, coordinates, and technical parameters for stations in the Tromsø region.

CSEM 06 03:09:01.0 ± 8.0, 5:10S:150:98E, h92km, 57km, mb3.2/3, mb1 3.5/4, mb1mx3.2/3.3, mb1mp3.7/4, ML2.5/1, Error ellipse: s-maj=107.0km s-min=54.5km az=125.0, New Britain region

Code Station Name Azimuth Elevation Phase ID Time Res

Table listing station names, coordinates, and technical parameters for stations in the New Britain region.

ISCJB 06 03:10:32.0 ± 0.5, 40:44N:03:29:17E:0.04, h2km, 7km, Error ellipse: s-maj=5.3km s-min=4.7km az=173.7

DDA 06 03:10:32.7, 40:43N:29:14E, h7km, MD2.6

ISC 06 03:10:33.0 ± 0.1, 40:45N:29:16E, h5km, MD2.3, Error ellipse: s-maj=2.1km s-min=2.0km az=63.0

ISC 06 03:10:33.2 ± 0.9, 40:44N:03:29:17E:0.03, h6km, 6km, n27, c0940/36, Turkey

Code Station Name Azimuth Elevation Phase ID Time Res

Main table listing station names, coordinates, and technical parameters for stations in the Turkey region.

ISCJB 06 03:18:39.0 ± 0.3, 7:57S:120:07E:0.05, h400km, mb3.8/8, Error ellipse: s-maj=7.8km s-min=5.4km az=43.3

ISC 06 03:18:40.0 ± 0.6, 7:48S:120:22E, h415km, 7km, mb3.5/9, mb1 3.7/4, mb1mx3.4/3.7, mb1mp4.4/4.1, Error ellipse: s-maj=2.7km s-min=2.7km az=55.0

AUST 06 03:18:41.6 ± 0.0, 7:61S:120:10E, h420km, Error ellipse: s-maj=1.8km s-min=0.9km az=3.0

DJA 06 03:18:42.7 ± 0.6, 8:54:12:0E, h390km, 7km, M4.3/17, MLV4.3/17

ISC 06 03:18:40.1 ± 0.5, 7:56S:120:12E:0.06, h400km, n48, c1541/52, mb3.9/8, Flores

Code Station Name Azimuth Elevation Phase ID Time Res

Table listing station names, coordinates, and technical parameters for stations in the Flores region.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like Sidrap Palu, KDI Kendari, BATI Baunata, etc.

ISC/JB 06:03:19.38.4.0.3, 45.21N, 0.05E, 149.58E, 0.05, h100km, mb4.2/38, Error ellipse: s-maj=7.5km s-min=3.5km az=145.3

MOS 06:03:19.39.6.1.0, 45.38N, 149.49E, h106km, mb4.3/17, Error ellipse: s-maj=10.3km s-min=7.8km az=114.8

IDC 06:03:19.41.5.2.5, 45.44N, 149.47E, h109km, 2.1km, mb3.8/20, mb1.3/9.24, mb1mx3.8/42, mbtmp4.1/24, Error ellipse: s-maj=23.7km s-min=13.0km az=160.0

NEIC 06:03:19.41.5.1.0, 45.43N, 149.47E, h110km, 8km, mb4.3/14, Error ellipse: s-maj=13.0km s-min=6.1km az=156.0

SKHL 06:03:19.41.4.0.1, 45.38N, 149.45E, h110km, 4km, mb4.9/7, mh5.5/4

JMA 06:03:19.43.9.0.6, 44.75N, 149.29E, h109km, M4.1, ISC 06:03:19.39.8.0.5, 45.28N, 0.06E, 149.59E, 0.06, h100km, n163, 019/09/156, mb4.3/38, 19C-13D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like Kuril'sk, KUR, KUR, etc.

Main table with columns: JOB, Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like Soyaes, Horoka, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like FINES, GEYF, NVAR, etc.

ECX 06:03:32.10.9.0.5, 32.17N, 115.25W, h8km, MD3.0, ML3.2, ISC 06:03:32.08.5.1.2, 32.18N, 0.02E, 115.20W, 0.03, h11km, 1.0km, n30, 0.06/45, 5C, California-Baja California

6d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OUR, SECR, PLOK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like OBN, GZR, WLS, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK, KURK, KURK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like SHILLONG, KHOUV-AKSY, SVERDLOVSK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like WUJUNJI ARRAY BE, KOREA ARRAY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PTGA, RCRB, ROSC, etc.

ISCJB 06:07:05:53.6:0.17:7N:01:46:5W:0.2:h12km,mb3.77, MS3.6/18, Error ellipse: s-maj=24.9km s-min=17.0km az=136.4

6d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKSM Moragy, NAZ Nazwa, UOSS Wadi Hilu, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRI Trieste, KHC Kasperke Hory, MOX Moxa, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like EKA Eskdalemuir Ar, KOLN Koldana, GKN Gorkha, etc.

6d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRG Griva, THL Klokotos Trika, HORT Hortiatis, etc.

NNC 06 09:39:31.6s 1.3, 40:95N; 74:87E, h0km, mb2.4, mpv2.1, Error ellipse: s-maj=17.5km s-min=4.9km az=118.0

KRNET 06 09:39:30.3.0.1, 40:91N; 74:79E, h20km, mb1.9, 19C-5D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRN Naryn, KZA Kyzart, SFK Sufi-Kurgan, etc.

ISCJB 06 09:40:08.9.0.1, 39:36N; 02:26:13E; 0.04, h4km, 5km, Error ellipse: s-maj=4.6km s-min=3.8km az=179.6

ATH 06 09:40:08.1, 39:40N; 26:12E, h8km, 3km, MD2/9/3

THE 06 09:40:09.1, 39:35N; 26:12E, h1km, 1km, ML1.7/3, Error ellipse: s-maj=1.8km s-min=0.6km az=190.0

CSEM 06 09:40:09.1s 0.1, 39:36N; 26:14E, h5km, ML1.7, Error ellipse: s-maj=3.1km s-min=2.5km az=114.0

DDA 06 09:40:09.3, 39:41N; 26:16E, h7km, MD2.6

ISK 06 09:40:09.2.0.9, 39:38N; 26:11E, h5km, MD2.8

ISC 06 09:40:09.2.0.9, 39:36N; 02:26:13E; 0.02, h7km, 8km, n39, n0549/62, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRK Paraskevi, SIGR SIGRI, AYVA Ayvalik, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SART Tekirdag, MRMT Marmara Adasi, CHOS Chios island, etc.

IDC 06 09:41:59.8.1.3, 54:12N; 160:30E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.4/50, mbtmp3.6/5, Error ellipse: s-maj=39.8km s-min=20.7km az=158.0

KRSC 06 09:42:03.0.0.7, 53:49N; 160:61E, h52km, 12km, ML4.0

ISCJB 06 09:42:03.0.0.7, 53:46N; 160:61E, h52km, 12km, ML4.0

MOS 06 09:42:03.1.0.7, 53:37N; 160:73E, h45km, mb4.3/3, Error ellipse: s-maj=10.9km s-min=6.7km az=80.8

ISC 06 09:42:03.7.0.9, 53:46N; 160:61E, h52km, 12km, n74, n162/103, mb3.7/7, n1C-1D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, SDR Sedlovina, etc.

ISCJB 06 09:44:1.9.0.5, 9:97N; 0:05, 108:52E; 0:07, h10km, mb3.8/9, MS3.9/21, Error ellipse: s-maj=10.1km s-min=5.7km az=152.1

IDC 06 09:44:43.2.0.8, 10:01N; 108:44E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/49, mbtmp3.9/10, ML4.4/2, MS3.9/25, Ms1 3.9/25, ms1mx3.8/33, Error ellipse: s-maj=44.9km s-min=15.4km az=61.0

NEIC 06 09:44:44.2.0.6, 10:10N; 108:59E, h10km, mb4.1/1, Error ellipse: s-maj=15.6km s-min=9.1km az=61.0

ISC 06 09:44:44.3.0.6, 10:03N; 107:108.53E; 0:09, h10km, n34, n1944/20, mb3.8/9, MS3.9/21, Vietnam

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLV T Lat, KKM Kota Kinabalu, QIZ Qiongzong, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, YUK Yuzh-Kuril'sk, BILL Bilibino, etc.

IDC 06 09:43:34.1.1.1, 32:73N; 84:29E, h0km, mb3.6/4, mb1 3.7/7, mb1mx3.4/47, mbtmp3.5/7, ML3.8/3, MS2.7/1, Ms1 2.7/1, ms1mx2.3/30, Error ellipse: s-maj=34.1km s-min=23.7km az=57.0

ISC 06 09:43:37.3.2.3, 32:38N; 02:83.9E; 0:04, h35km, n8, n06/75, mb3.6/4, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MKAR Makanchi Arr, KURBB Kurchatov Arr, etc.

ISCJB 06 09:44:1.9.0.5, 9:97N; 0:05, 108:52E; 0:07, h10km, mb3.8/9, MS3.9/21, Error ellipse: s-maj=10.1km s-min=5.7km az=152.1

IDC 06 09:44:43.2.0.8, 10:01N; 108:44E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/49, mbtmp3.9/10, ML4.4/2, MS3.9/25, Ms1 3.9/25, ms1mx3.8/33, Error ellipse: s-maj=44.9km s-min=15.4km az=61.0

NEIC 06 09:44:44.2.0.6, 10:10N; 108:59E, h10km, mb4.1/1, Error ellipse: s-maj=15.6km s-min=9.1km az=61.0

ISC 06 09:44:44.3.0.6, 10:03N; 107:108.53E; 0:09, h10km, n34, n1944/20, mb3.8/9, MS3.9/21, Vietnam

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLV T Lat, KKM Kota Kinabalu, QIZ Qiongzong, etc.

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

IDC 06 11:45:09.1,3,9,3,28S;101.12E,h0km,mb3.5/5, mb1 3.4/5, mb1mx3.5/38, mbtmp3.5/5, Error ellipse: s-maj=154.8km s-min=21.3km az=58.0

DJA 06 11:45:14.8,1.5,4,8,8,10'0E, h10km,M3.8/4,ML7.3/8.4

ISC 06 11:45:11.6,1.6,3,65S,0.2,100.8E,0.1,h32km,n17, z=214/10,mb3.5/S,Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASI Maura Aman, Be, KSI Kapahiang, MDSI Maura Dua, etc.

ISK 06 11:57:57.6, 39.48N;40.18E, h5km, ML3.7

IDC 06 11:57:57.2, 1.4, 39.44N;40.19E, h0km, mb3.5/2, mb1 3.4/5, mb1mx3.2/50, mbtmp3.3/5, ML2.6/3, MS2.5/1, Ms1 2.5/1, ms1mx2.1/34, Error ellipse: s-maj=24.4km s-min=12.8km az=142.0

DDA 06 11:57:58.1, 39.52N;40.21E, h13km, M1.4, CSEM 06 11:57:58.0, 1, 39.50N;40.20E, h2km, ML4.1, Error ellipse: s-maj=3.7km s-min=3.1km az=168.0

ISC 06 11:57:58.3, 1.0, 39.51N;0.02;40.23E,0.01,h7km,q6km, n107, s1942/134, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERZN Erzincan, EUZM Uzumlu, KOPD Kop Dag, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUKAN AKCAD, AKCAD Akcadag, MARDIN Mardin, etc.

ISCJB 06 11:59:40.0, 0.6, 43.47N;0.03;46.41E,0.04,h15km, Error ellipse: s-maj=5.4km s-min=2.3km az=37.0

CSEM 06 11:59:41.9, 0.4, 43.34N;46.29E, h10km, mb4.1, Error ellipse: s-maj=9.6km s-min=3.8km az=34.0

MOS 06 11:59:41.3, 1.7, 43.34N;46.32E, h12km, mb4.1/1, Error ellipse: s-maj=7.8km s-min=5.7km az=40.1

ISC 06 11:59:42.7, 0.2, 43.28N;0.03;46.52E,0.02,h15km,n63, s101/100,7C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLMR Dylm, DLDR Dylm, GROC Groznyy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STDR Stadv-Durt, STDR Stadv-Durt, STDR Stadv-Durt, etc.

ISCJB 06 12:04:10.5, 0.3, 40.30N;0.02;29.15E,0.03,h0km, Error ellipse: s-maj=3.4km s-min=3.0km az=23.4

DDA 06 12:04:10.1, 40.29N;29.14E, h5km, MD2.6 CSEM 06 12:04:10.0, 7.0, 40.29N;29.14E, h1km, MD2.7, Error ellipse: s-maj=3.3km s-min=3.0km az=142.0, Mining explosion.

ISK 06 12:04:10.1, 40.29N;29.16E, h11km, MD2.7

ISC 06 12:04:10.0, 0.8, 40.30N;0.02;29.16E,0.02,h0km,n47, s087/62, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGD Bursa, IGD Bursa, GEMT Gemlik, etc.

IDC 06 12:15:32.9, 1.6, 32.62S;73.46W, h0km, mb1 3.7/2, mb1mx3.4/34, mbtmp3.5/2, ML4.4/1, Error ellipse: s-maj=51.0km s-min=44.2km az=157.0

ISCJB 06 12:15:35.8, 1.2, 32.90S;0.08;73.02W,0.07,h5km, Error ellipse: s-maj=11.8km s-min=7.8km az=155.5

GUC 06 12:15:38.4, 0.5, 32.90S;72.94W, h26km, 10km, ML3.9

ISC 06 12:15:34.9, 1.4, 32.83S;0.10;73.13W,0.09,h5km,n15, s165/19, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, CHPI Pichilemu, TACH Talagante, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PEL, SAN ANTU, CLCH, CFAA, PLCA, VNA3, VNA2, SNA4, ASAR, WRA, KRSR.

ISC/JB 06 12:15:40.4-0.3, 18.79S, 0.03-69.31W, 0.04, h102km, 3km, mb4.9/68, Error ellipse: s-maj=6.3km s-min=4.4km az=136.9

NEIC 06 12:15:42.8-0.2, 18.88S, 69.29W, mb5.2/32, Error ellipse: s-maj=6.4km s-min=4.1km az=51.1

NEIC Feit [IV] at Cuya, [III] at Ariza and [I] at Ariza and [II] at Huira. Feit at Arequipa, Moquegua and Tacna, Peru.

IDC 06 12:15:42.8-0.3, 18.90S, 69.29W, h110km, 2km, mb4.7/8, mb1.4/7.23, mb1mx4.5/4.0, mbtmps.0/23, MSJ3.6/8, Ms1.3.5/8, ms1mx3.3/2.1, Error ellipse: s-maj=10.7km s-min=7.7km az=73.0

GCMT 06 12:15:42.8-0.4, 19.17S, 69.75W, h128km, 4km, MW5.0/74, Moment Tensor Solution. s18, c19; s74, c99; Duration: 0 Moment tensor: Scale 10^10Nm; Mr-0.32, 15; Mw-0.21, 14; Mw0.53, 21; Mw0.15, 07; Mw0.17, 15; Mw-2.97, 12; Best double couple: M3.54300x10^16

GUC 06 12:15:42.0-0.7, 18.97S, 69.49W, h105km, 5km, ML5.3

ISC 06 12:15:42.0-0.3, 18.91S, 0.04-69.33W, 0.05, h112km, 2km, h11km: p-P, n652, -0697741, mb5.0/69, 4C-2D, Northern Chile

Main table of station data for Chile. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MIMC, NMIC, PB13, ARCH, PB01, LPAZ, LPBZ, LPBZ, PB07, PB09, LVC, LVC, SIV, SIV, NNA, NNA, SAML, SAML, CFAA, CFAA, CFAA, ATAH, TRQA, PTGA, BDFB, OTAV, OTAV, PLCA, PLCA, 035A, 737A, 934A, 835A, 933A, 834A, 637A, 440A, 735A, HKT.

Main table of station data for 2010 NOV. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KMSC, KMSC, 636A, 439A, 537A, 833A, 734A, 635A, 340A, 438A, 832A, 733A, 339A, 535A, 732A, 338A, TKL, 633A, 337A, 239A, SWET, 534A, 238A, 435B, 632A, 533A, 336A, 237A, 631A, 434A, 335A, 135A, 236A, 235A, 234A, 432A, 237A, 939A, 234A, 530A, 431A, 135A, 938A, 332A, MIAR, MIAR, SLBS, SLBS, 233A, 134A, 529A, 430A, 331A, 937A, 232A, TX31, TXAR, TXAR, TXAR, 429A, 235A, 936A, 133A, X38A, PARMO, PARMO, 330A, 231A, X37A.

Main table of station data for 6d 12h. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Z34A, W38A, Y35A, ABTX, ABTX, Z30A, Z33A, WCJ, W37A, MCWV, 329A, USIN, Y34A, X35A, W37A, 131A, SIUC, Z32A, Haskell, 229A, V38A, 130A, W36A, Y33A, Z31A, X34A, V37A, W35A, 228A, U38A, Y32A, V36A, 129A, X33A, TUL1, TUL1, Z30A, U37A, ACOS, X32A, W34A, WMOK, 128A, Y31A, CCM, CCM, V35A, Z29A, U36A, SHEL, W33A, Y30A, V34A, V34A, CLNB, CLNB, X31A, T37A, Z28A, U35A, W32A, Y29A, V33A, X30A, T36A, MNTX, MNTX, W31A, U34A, U34A, U34A, T35A, Y28A, V32A, SFIN, SFIN, SFIN, S37A, X29A, U33A, MSTX, MSTX, MSTX, S36A, T34A, X28A, AMTX, AMTX, U32A, R37A.

S35A	Otter Creek Ra	61.76 336	P	P	12 25 49.1	-0.3
MMNY	Mt. Morris Dam	61.84 353	eP	P	12 25 52.6	+2.7
W29A	Amrallio	61.88 330	P	P	12 25 50.3	-0.1
V30A	Spur Ranch, Mi	61.97 331	P	P	12 25 51.7	+0.7
HDIL	Hopedale	62.01 343	P	P	12 25 50.0	-1.0
R36A	Gordon, Harris	62.01 337	P	P	12 25 50.7	-0.3
T33A	Patterson Ranc	62.01 334	P	P	12 25 51.1	-0.1
S34A	Willow Spring	62.09 335	P	P	12 25 51.2	-0.4
U31A	Nine Bar Ranch	62.10 332	P	P	12 25 51.5	-0.3
Q37A	Longview Farm,	62.12 338	P	P	12 25 51.1	-0.7
W28A	Vega	62.26 330	P	P	12 25 52.4	-0.5
R35A	Emporia Munici	62.27 336	P	P	12 25 52.7	-0.1
S33A	Kaszaul Farm,	62.35 335	P	P	12 25 53.2	-0.2
T32A	Huddler Ranch,	62.38 334	P	P	12 25 54.0	+0.4
V29A	Stinnett	62.44 331	P	P	12 25 54.5	+0.4
Q36A	Arnold C. Orve	62.56 337	P	P	12 25 54.0	-0.7
U30A	WK&E Inc. Balk	62.59 332	P	P	12 25 55.2	+0.2
T31A	Randall Ranch,	62.63 333	P	P	12 25 55.1	-0.2
VN3A	Neumayer Olymp	62.64 162	P	P	12 25 56.0	+1.1
R34A	Isabella, Hill	62.66 335	P	P	12 25 55.5	+0.1
V28A	Chaning	62.66 330	P	P	12 25 55.5	-0.1
Q35A	Mercer Eighty,	62.68 337	P	P	12 25 55.3	-0.2
U29A	Oasis Ranch, S	62.80 331	P	P	12 25 56.5	0.0
S32A	Newby Ranch, P	62.83 334	P	P	12 25 56.7	+0.1
R33A	Olander Ranch,	62.96 335	P	P	12 25 56.8	-0.6
V27A	Dan Oppiter Fa	62.96 330	P	P	12 25 57.3	-0.3
T30A	Plains	62.96 332	P	P	12 25 57.9	+0.3
S31A	Mullinville	62.99 333	P	P	12 25 57.8	+0.1
121A	Cookes Peak, D	63.01 324	P	P	12 25 59.0	+0.9
121A	Cookes Peak, D	63.01 324	eP	P	12 25 58.7	+0.6
121A	Good Intent, A	63.05 338	eP	P	12 26 25.0	-0.5
P36A	Chapman	63.08 336	P	P	12 25 57.2	-0.8
Q34A	Chapman	63.08 336	P	P	12 25 57.7	-0.4
KSU1	Kansas State U	63.11 336	P	P	12 25 57.7	-0.6
KSU1	Kansas State U	63.11 336	eP	P	12 25 57.6	-0.8
KSU1	Mallet	63.18 331	P	P	12 26 25.1	-0.7
U28A	Neumayer-Watz	63.21 161	P	P	12 25 58.5	-0.5
VN2A	Duane Minner,	63.26 337	P	P	12 25 59.8	+1.2
P35A	Duane Minner,	63.26 337	P	P	12 25 58.7	-0.7
R32A	Long Quarter,	63.35 334	P	P	12 25 59.9	-0.1
T29A	Hugoton	63.39 332	P	P	12 25 59.8	-0.6
Q36A	Bolkow	63.41 338	P	P	12 25 60.0	-0.4
S30A	Montezuma	63.43 333	P	P	12 26 00.6	0.0
Q33A	Connelly Farm,	63.49 335	P	P	12 26 00.5	-0.3
U27A	Thompson Grove	63.49 330	P	P	12 26 00.8	-0.3
R31A	Burdett	63.57 334	P	P	12 26 01.1	-0.4
P34A	Walnut Farm, R	63.58 337	P	P	12 26 01.3	-0.1
BNN	Barren Site	63.61 326	eP	P	12 26 02.3	+0.2
S29A	Ulysses	63.70 332	eP	P	12 26 29.8	+0.2
N37A	Lee Faris, Mou	63.71 339	P	P	12 26 02.5	+0.1
T28A	Walsh	63.73 331	P	P	12 26 01.8	-0.5
LPM	Los Pinos Moun	63.73 326	eP	P	12 26 03.4	+0.5
LPM	Los Pinos Moun	63.73 326	eP	P	12 26 30.4	+0.1
Q32A	Meitler Ranch,	63.77 335	P	P	12 26 02.5	-0.3
P33A	Williams Farm,	63.81 336	P	P	12 26 02.8	-0.2
Q35A	Humboldt	63.87 338	P	P	12 26 03.0	-0.4
R30A	Dighton	63.88 333	P	P	12 26 03.6	+0.1
T27A	Campo	63.96 331	P	P	12 26 04.0	-0.2
S28A	Manter	64.02 332	P	P	12 26 04.3	-0.2
LAZ	Ladron	64.07 326	eP	P	12 26 05.9	+0.9
Q34A	Beatrice	64.08 337	P	P	12 26 04.2	-0.5
CBKS	Cedar Bluff	64.10 334	P	P	12 26 04.9	-0.1
CBKS	Cedar Bluff	64.10 334	eP	P	12 26 05.2	+0.3
Q31A	Ellis	64.12 334	P	P	12 26 05.2	+0.1
ANMO	Albuquerque	64.13 327	eP	P	12 26 05.6	+0.2
ANMO	Stockton	64.24 340	eP	P	12 26 32.3	-0.6
M37A	Trindle Farm,	64.24 340	P	P	12 26 05.8	+0.1
Q33A	Hebron	64.33 336	P	P	12 26 06.2	-0.2
P32A	Huiting Farm,	64.33 335	P	P	12 26 06.2	-0.2
R29A	Marienthal	64.37 333	P	P	12 26 06.7	-0.1
Q30A	Quinter	64.44 334	P	P	12 26 07.4	+0.2
T26A	Comanche Natio	64.46 330	P	P	12 26 07.5	-0.1
JFW5	Jewell Farm	64.46 343	eP	P	12 26 33.3	-1.4
P31A	Stockton	64.56 335	P	P	12 26 07.6	-0.2
TUC	Tucson	64.57 322	eP	P	12 26 08.4	+0.2
N34A	Lincoln	64.59 337	P	P	12 26 07.5	-0.5
R28A	Tribune	64.60 332	P	P	12 26 07.9	-0.4
Q29A	Oakley	64.69 333	P	P	12 26 08.7	-0.1
Q32A	Brockman Farm,	64.75 336	P	P	12 26 08.8	-0.3
S26A	Kim	64.77 330	P	P	12 26 09.3	-0.2
T25A	Trinidad	64.82 330	P	P	12 26 10.3	+0.4
T25A	Trinidad	64.82 330	eP	P	12 26 10.1	+0.2
T25A	Trinidad	64.82 330	eP	P	12 26 37.7	+0.2
SNA4	Sanae	64.84 161	P	P	12 26 09.5	+0.0
SNA4	Sanae	64.84 161	LR	LR	12 25 56.4	
SNA4	Sanae	64.84 161	eP	P	12 26 09.2	-0.2
P30A	Selden	64.93 334	P	P	12 26 10.3	-0.1
K38A	Parkersburg	64.95 341	P	P	12 26 10.6	+0.2
R27A	Eads	65.00 331	P	P	12 26 10.6	-0.3
Q31A	Woolen Ranch,	65.07 335	P	P	12 26 11.9	+0.7

M34A	Aspy Farms, Fr	65.20 338	P	P	12 26 11.8	-0.1
Q28A	Sharon Springs	65.20 333	P	P	12 26 12.1	-0.1
P29A	Atwood	65.27 334	P	P	12 26 12.7	+0.2
K37A	Belmond	65.33 341	P	P	12 26 12.2	-0.6
L35A	Blow Farm, R	65.37 339	P	P	12 26 12.9	-0.2
Q30A	MW Ranch, Wils	65.39 334	P	P	12 26 13.3	0.0
J38A	West Dairy, R	65.48 342	P	P	12 26 13.4	-0.3
K36A	Gilmore City	65.48 340	P	P	12 26 13.4	-0.3
M33A	Taylor Creek F	65.48 337	P	P	12 26 13.5	-0.3
N31A	Bailey Ranch,	65.50 336	P	P	12 26 14.0	0.0
KSCO	Kaye Shedlock'	65.51 332	P	P	12 26 14.6	+0.4
KSCO	Kaye Shedlock'	65.51 332	eP	P	12 26 14.4	+0.1
KSCO	KSCO	65.53 320	eP	P	12 26 42.0	+0.2
214A	Organ Pipe Nat	65.53 320	eP	P	12 26 15.2	+0.8
214A	Organ Pipe Nat	65.53 320	eP	P	12 26 15.0	+0.6
214A	Organ Pipe Nat	65.53 320	eP	P	12 26 14.8	-0.1
214A	Organ Pipe Nat	65.53 320	eP	P	12 26 55.1	+1.0
L34A	Svensden Farm,	65.53 338	P	P	12 26 14.0	-0.1
P28A	Saint Francis	65.59 333	P	P	12 26 14.6	-0.1
O29A	4D Ranch, Culb	65.65 334	P	P	12 26 15.4	+0.4
BGNE	Belgrade	65.69 337	P	P	12 26 15.1	-0.1
BGNE	Belgrade	65.69 337	eP	P	12 26 15.3	+0.1
J37A	Redenius Farm,	65.80 341	P	P	12 26 15.2	-0.6
SDCO	Great Sand Dun	65.83 329	P	P	12 26 16.8	+0.4
SDCO	Great Sand Dun	65.83 329	eP	P	12 26 16.9	+0.4
N30A	Hueftle Ranch,	65.93 335	P	P	12 26 17.1	+0.3
M31A	Lambrecht Ranc	65.95 336	P	P	12 26 17.1	+0.2
W18A	Petrified Fore	66.02 324	P	P	12 26 18.5	+0.8
W18A	Petrified Fore	66.02 324	eP	P	12 26 18.5	+0.8
L33A	Hoskins	66.03 338	P	P	12 26 17.7	+0.3
J36A	Seneca 1, Swea	66.06 340	P	P	12 26 17.1	-0.4
O28A	Krutsinger Ran	66.06 333	P	P	12 26 17.9	+0.3
I38A	Scanlan Farm,	66.09 342	P	P	12 26 18.0	+0.3
N29A	Votaw Ranch, W	66.16 334	P	P	12 26 18.6	+0.4
K33A	Hardington	66.32 338	P	P	12 26 19.4	+0.2
J35A	Milford	66.38 340	P	P	12 26 19.7	+0.2
N28A	Pribbeno Ranch	66.43 334	P	P	12 26 20.5	+0.5
S22A	4UR Ranch, Cre	66.49 328	P	P	12 26 21.3	+0.6
S22A	4UR Ranch, Cre	66.49 328	eP	P	12 26 20.9	+0.2
J34A	George	66.55 339	P	P	12 26 21.1	+0.5
I36A	Fitzsimmons Fa	66.58 341	P	P	12 26 21.8	0.0
L31A	Butterfield Fa	66.61 336	P	P	12 26 21.6	+0.5
Q24A	Divide	66.63 330	P	P	12 26 22.3	+0.7
K32A	Verdigre	66.71 337	P	P	12 26 22.0	+0.3
M29A	Burnside Ranch	66.74 335	P	P	12 26 22.1	+0.3
I35A	Creekview Farm	66.74 340	P	P	12 26 22.3	+0.5
H37A	Dierke Farm, C	66.76 342	P	P	12 26 22.3	+0.5
L30A	Spencer Herefo	66.76 336	P	P	12 26 22.5	+0.4
MGNE	Ogallala	66.85 334	P	P	12 26 22.7	0.0
OVCO	Mesa Verde	66.92 327	P	P	12 26 23.7	+0.3
MVCO	Mesa Verde	66.92 327	eP	P	12 26 23.8	+0.3
M28A	Bar X Bar Ranc	66.95 334	P	P	12 26 23.8	+0.5
K31A	O'Neill	66.97 337	P	P	12 26 23.6	+0.3
H36A	Jessenland, He	67.06 341	P	P	12 26 24.0	+0.3
L29A	Maesberg Ranch	67.15 335	P	P	12 26 25.1	+0.6
ECSD	EROS Data Cent	67.17 339	P	P	12 26 24.4	-0.2
ECSD	EROS Data Cent	67.17 339	eP	P	12 26 24.2	-0.4
WU4Z	Wupatki	67.22 324	P	P	12 26 26.0	+0.7
WU4Z	Wupatki	67.22 324	eP	P	12 26 26.2	+1.0
J32A	Parkston	67.29 338	P	P	12 26 25.2	-0.1
SPMN	St. Paul	67.31 342	P	P	12 26 25.1	-0.3
SPMN	St. Paul	67.31 342	eP	P	12 26 27.4	-0.6
SPMN	St. Paul	67.31 342	eP	P	12 26 51.9	-0.3
K30A	Basset	67.34 336	P	P	12 26 25.6	0.0
H35A	Sunnyside Ranc	67.45 341	P	P	12 26 25.7	-0.5
ISCO	Idaho Springs	67.51 330	P	P	12 26 27.8	+0.7
ISCO	Idaho Springs	67.51 330	eP	P	12 26 27.5	+0.4
ISCO	Connely Angus	67.52 335	eP	P	12 26 54.1	+0.4
L28A	Connely Angus	67.52 335	eP	P	12 26 27.5	+0.6
J31A	Geddes	67.54 337	P	P	12 26 27.1	-0.2
G36A	St. Michael	67.60 342	P	P	12 26 27.5	+0.4
PV01	Paradox Valley	67.66 327	eP	P	12 26 28.7	+0.6
SMCO	Snowmass	67.67 329	eP	P	12 26 28.8	+0.5
K29A	Lazy Trails An	67.68 336	P	P	12 26 28.3	+0.5
H34A	Spellman Lake,	67.72 340	P	P	12 26 27.9	0.0
I32A	Karley and Nic	67.72 338	P	P	12 26 28.0	0.0
G35A	Watkins	67.81 341	P	P	12 26 29.4	+0.9
Y12C	Blythe	67.81 320	P	P	12 26 29.3	+0.5
J30A	Dallas	67.85 337	P	P	12 26 29.0	+0.1
PV05	Paradox Valley	67.89 327	eP	P	12 26 29.5	0.0
PDMCI	Parker Dam,Lak	67.96 321	P	P	12 26 30.4	+0.8
SWSC	Sam W. Stewart	68.04 319	P	P	12 26 31.2	+0.9
H33A	Prehn Over Nor	68.05 339	P	P	12 26 30.4	+0.4
K28A	Ten Mile Ranch	68.06 335	P	P	12 26 30.8	+0.6
LIC	Lamto	68.07 75	eP	P	12 26 27.0	-3.8
F36A	Milaca	68.10 342	P	P	12 26 31.2	+0.9
H32A	Carlson Farm,	68.13 339	P	P	12 26 30.6	0.0
G34A	Benson	68.19 340	P	P	12 26 31.0	+0.1
J29A	Okreok	68.23 336	P	P	12 26 31.3	

ISCJB 06 16:16:55.9,0.8,36°17N,0°03'14.16E,0.07, h43km,10km,mb3.4/2,Error ellipse: s-maj=9.7km s-min=5.6km az=3.4

JMA 06 16:16:57.0,0.1,36°13N,141°05E,h44km,1km,M3.1 JMA Felt J1.

IDC 06 16:16:58.2,2.5,36°17N,141°13E,h48km,23km,mb3.1/2, mb1.3/4.5,mb1mx3.1/30,mbtmp3.5/5,ML3.1/3,Error ellipse: s-maj=24.9km s-min=12.7km az=68.0

ISC 06 16:16:56.1,2.0,36°18N,0°04'14.15E,0.08,h29km,15km, n18,α1508/21,Near east coast of Eastern Honshu

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

ISK 06 16:23:50.3,36°60N,27°48E,h16km,ML3.4 THE 06 16:23:51.8,36°91N,27°68E,h0km,1km,ML3.3/4,Error ellipse: s-maj=2.2km s-min=0.9km az=90.0

DDA 06 16:23:51.5,36°86N,27°57E,h16km,Md3.3 CSEM 06 16:23:52.0,0.1,36°84N,27°54E,h10km,Md3.3,Error ellipse: s-maj=3.9km s-min=3.7km az=147.0

ISCJB 06 16:23:52.5,0.5,36°85N,0°02'27.52E,0.02,h9km,4km, Error ellipse: s-maj=3.3km s-min=3.1km az=159.4

ATH 06 16:23:52.7,36°92N,27°50E,h23km,2km,Md3.5/14 ISC 06 16:23:52.6,0.9,36°89N,0°02'27.56E,0.02,h15km,7km, n115,α1517/145,1C-1D,Dodecanese Islands

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

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

ISCJB 06 16:45:45.7,0.5,2°46S,0°06'139.63E,0.04,h27km, mb4.2/9,M3.3/18,Error ellipse: s-maj=8.7km s-min=5.2km az=16.5

NEIC 06 16:45:49.2,1.0,2°62S,139°65E,h55km,10km,mb4.5/4, mb1.4/1.0,mb1mx3.8/24,mbtmp4.2/10,ML5.1/3,MS3.1/11, M51.3.1/11,ms1mx3.0/29,Error ellipse: s-maj=16.9km s-min=11.5km az=179.0

DJA 06 16:45:50.6,0.3,3°S,3°14'0E,α113km,M4.8/15, mb5.1/15,mb5.2/8,ML4.8/5,Mw(mB)4.5/8

ISC 06 16:45:47.0,0.6,2°42S,0°07'139.66E,0.04,h27km,n40, α2507/32,mb4.2/9,M3.3/29,Near north coast of Iran

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

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

CRAAG 06 16:48:06.7,35°92N,4°32E,M3.5 CSEM 06 16:48:06.7,35°92N,4°32E,h0km,ML3.5,After ALG, Northern Algeria

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

KRSC 06 16:49:22.2,1.1,52°39N,159°53E,h41km,12km,ML3.8, Off east coast of Kamohat Peninsula

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

IDC 06 16:54:03.0,3.6,25°41N,124°89E,h75km,35km,mb3.5/8, mb1.3/7.8,mb1mx3.4/30,mbtmp3.8/8,ML1.7/1,Error ellipse: s-maj=25.4km s-min=16.0km az=74.0

ISCJB 06 16:54:03.5,0.3,25°38N,0°06'124.93E,0.05, h100km,5km,mb3.7/8,Error ellipse: s-maj=12.6km s-min=9.7km az=147.0

JMA 06 16:54:05.4,0.1,25°38N,124°85E,h86km,4km,M3.3 IAS 06 16:54:04.7,0.8,25°38N,0°08'124.94E,0.06,h98km,9km, n30,α1519/49,mb3.8/8,Northeast of Taiwan

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

Table with columns: SP, San Pedro Mart, 1.07 196, eP, P, 18 47 14.6 -0.6, etc.

ISCJB 06 18:49:39.7, 0.7, 3.84S, 0.04, 100.64E, 0.04, h36km, 6km, mb4.3/24, MS3.1/1, Error ellipse: s-maj=8.1km

Sumatera

Main table for Sumatra region with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

Table with columns: MJAR, Matsushiro Arr, 53.27 38, P, 18 58 56.0 -1.1, etc.

ISC 06 18:53:42.3, 1.0, 6.14S, 149.39E, h0km, mb4.1/6, mb1.4/3.8, mb1mx3.9/27, mbtm3.4/2.8, ML4.3/1, MS3.3/2, Ms1.3/3.2, ms1mx2.7/27, Error ellipse: s-maj=39.4km

New Britain region

Main table for New Britain region with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

ISC 06 19:13:18.3, 3.4, 2.76S, 100.77E, h0km, mb3.4/4, mb1.3/5.4, mb1mx3.3/3.8, mbtm3.4/4, Error ellipse: s-maj=173.2km s-min=24.7km az=56.0, Southern Sumatra

Main table for Southern Sumatra region with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

Table with columns: RTLL, Cerro Villicun, 3.04 336, eP, Pn, 19 23 07.8 -1.1, etc.

IDC 06 19:29:25.6, 0.9, 62.35S, 154.52E, h0km, mb4.4/8, mb1.4/5.9, mb1mx4.3/26, mbtm4.4/9, ML4.0/1, MS4.2/15, Ms1.4/2.15, ms1mx4.2/20, Error ellipse: s-maj=30.3km s-min=21.8km az=89.0

ISCJB 06 19:29:27.0, 0.4, 62.09S, 154.8E, 0.2, h10km, mb4.7/21, MS4.2/14, Error ellipse: s-maj=10.9km s-min=6.3km az=21.9

NEIC 06 19:29:28.0, 0.3, 62.13S, 154.75E, h10km, mb5.0/24, Error ellipse: s-maj=9.7km s-min=6.3km az=118.0

GCMT 06 19:29:28.5, 0.2, 62.06S, 154.74E, h15km, 1km, MW5.1/87, Moment Tensor: S48, c66, s87, c135; Duration: 0.22; Moment tensor: S40 1019N; Mw: 0.45; 15; Mw: 2.2; 12; Mw: 3.7; 12; Mw: 1.35; 40; Mw: 3.92; 12; Mw: 1.33; 41; Best double couple: Ms: 68100; 1019

NP: 6745.0000; 873.0000; 1.176.0000; Principal axes: T: 6.28, P: 10.15, N: 20.30; Azm: 203.0000; N: -0.8030; Plg: 73.0000; Azm: 351.0000; P: 5.4810, Plg: 90.0000; Azm: 11.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Bull 06 19:29:30.6, 62.10S, 154.80E, h30km, mb5.5/6, mb5.6/7, Ms5.1/4, Ms7.4/4

ISC 06 19:29:27.9, 0.5, 62.22S, 155.1E, 0.1, h10km, n82, e183/64, mb4.6/20, MS4.2/14, 2C-5D, Balleny Islands region

Main table for Balleny Islands region with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

6d 20h

Table with columns: TRQA, H08S2, H08S1, H08S3, BOSB, CPUS, CMAR, LPAZ, GYA, KMI, NJ2, MJAR, MAJO, HHC, NVAR, BLA, TIRR, TLB, CFR, PLOR, MLR, DOPR, AKASG, ESDC, ESDC. Includes station names, coordinates, and various codes.

AUST 06 19:43:16.8, 14.0, 3.48N, 127.35E, h0km, 1km, Error ellipse: s-maj=3.8km s-min=1.3km az=225.0

IDC 06 19:43:32.4, 0.8, 1.92N, 126.81E, h0km, mb3/8, mb1 4/0.9, mb1mx3/7.29, mbtmp3/8.9, MJL-A/1, MS3.5/3, Ms1 3.6/3, ms1mx2/7.30, Error ellipse: s-maj=45.6km s-min=15.0km az=74.0

DJA 06 19:43:36.3, 0.5, 2.1N, 127.7E, h58km, 12km, M4.0/14, mb4.2/12, mb4.7/6, MLV4.0/14, Mw(MB)4.0/6

ISCJB 06 19:43:37.5, 0.5, 1.95N, 126.00E, 0.04, h63km, mb3/8/10, Error ellipse: s-maj=67.7km s-min=5.0km az=27.6

NEIC 06 19:43:39.1, 1.4, 1.86N, 126.89E, h56km, 14km, mb4.0/2, Error ellipse: s-maj=20.8km s-min=9.6km az=60.1

ISC 06 19:43:40.0, 0.6, 1.98N, 126.06E, 0.05, h63km, n39, s197/43, mb3.9/10, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TINTI, LBTI, KMSI, SANI, SGTI, SWI, SIJI, NLAI, LUWI, MRSI, MSAI, AAI, APSI, MPSI, TTSI, SPSI, KKM, MTN, KNRA, FITZ, WRAB, WRA, QIS, ASAR, WRKA, CMAR, MJAR, SONR, KAP, PALK, CMAR, ABKAR, VVDA.

2010 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VVDA, BRTR, TORD, ISCJB, MBIG, EMSC, DREC, ECN, SKHL, UGL, NEIC, ISCJB, DIA, AUST, CGJI, LEM, KULM, CISI, COCO, UGM, KKM, KAPI, PALK, CMAR, ABKAR, VVDA, BATI.

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Table with columns: SLVN, MBWA, H08S2, H08S3, FITZ, FITZ, KNRA, H01W3, H01W2, H01W1, LSA, WRKA, WRA, WRA, WRAB, ASAR, ASAR, QIS, MTSU, CTA, KSA, KRSR, KRSR, TKM2, TKM2, AAK, CMA, SONM, SONM, SONM, ULN, EK2, RABL, MKAR, MKAR, MJAR, USRK, GYLA, MILT, KURK, ZAAO, ZALV, ZALV, BRVK, KMBO, ABKAR, MAW, KBZ, KBZ, MATP, BRTR, PETK, VVDA, FINES, QSPA, ARCES, GERES, NVAR, WMOK, TXAR, JCT.

NEIC 06 20:18:56.0, 17.36N, 100.58W, h39km, MD4.0(MEX), After MEX.

MEX 06 20:18:56.0, 17.36N, 100.58W, h38km, 13km, MD4.0, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG, CAIG, CAIG, ACX, ACX, ACX, ZIIG, ZIIG, ZIIG, ARIG, MEIG, MEIG, MEIG, PLIG, PLIG, TLIG, YAGI, YAGI, YAGI.

AUST 06 20:26:50.0, 1.4, 3.40S, 152.95E, h181km, Error ellipse: s-maj=2.7km s-min=1.4km az=41.0

IDC 06 20:26:54.8, 2.1, 3.86S, 152.62E, h175km, 18km, mb3.5/12, mb1 3.6/14, mb1mx3/5.34, mbtmp4/0.14, Error ellipse:

s-maj=19.1km s-min=12.5km az=96.0
ISC/JB 06:20:26:56.0.0.6.3.84s:0.06:152.55E:0.09:h200km,
mb3.8/13, Error ellipse: s-maj=12.5km s-min=7.6km
az=19.9

ISC 06:20:26:57.6.0.7.3.89S:0.08:152.5E:0.1,h200km,m35,
a156/39,mb3.7/13, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MANU, PMG, COEN, MTSU, etc.

DDA 06:20:30:46.0.36:96N:28:29E, h7km, MD2.6
ISK 06:20:30:45.9.36:95N:28:28E, h11km, MD2.6
CSEM 06:20:30:46.1±0.6.36:96N:28:26E, h2km, MD2.6, Error
ellipse: s-maj=15.6km s-min=5.7km az=53.0

ISC 06:20:30:46.1±1.5.36:97N:0.05:28.29E:0.06,h4km±13km,
n18, a1545/29, Dodecanese Islands

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

ISC 06:20:33:29.3±5.3.15:33S:173:29W, h0km, mb4.0/2,
mb1.4/2.3, mb1mx3.7/37, mbtmp3.9/3, ML3.6/1, MS3.4/7,
Ms1.3.5/7, ms1mx3.2/45, Error ellipse: s-maj=291.3km
s-min=25.2km az=145.0, Tonga Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H11S1, H11N3, H11N1, etc.

IDC 06:20:45:40.5±3.2.2:52N:128:09E, h162km, 33km, mb3.2/6,
mb1.3/3.7, mb1mx3.1/43, mbtmp3.6/7, Error ellipse:
s-maj=57.5km s-min=17.3km az=73.0, Halmahera

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

NIED 06:20:57:00.45:60N, 150:00E, h140km, Mw5.3 Best
double couple: M8.56000x-0.16 NP1s, 303.00000°,
S21.00000°, i-9.00000°. NP2: 4.1.00000°, s87.00000°,
λ-111.00000°

SKHL 06:20:57:08.1±0.4.46:29N:150:13E, h152km, 3km, mb5.7/5,
mbh5.7/2, Ms4.6/4, msh5.7/9

MOS 06:20:57:08.9±0.9.46:53N:149:75E, h170km, mb5.2/88,
Error ellipse: s-maj=6.1km s-min=5.0km az=76.7

ISC/JB 06:20:57:08.0.2.46:44N:0.02:149:92E:0.02,
h170km, 2km, mb5.1/351, Error ellipse: s-maj=3.4km
s-min=1.8km az=160.7

NEIC 06:20:57:09.0±0.1.46:60N:149:66E, mb5.2/194, Error
ellipse: s-maj=4.0km s-min=2.1km az=155.0

BJJ 06:20:57:09.5.46:60N:149:60E, h153km, mb5.3/73,
mb5.4/51

IDC 06:20:57:10.0±0.4.46:56N:149:79E, h160km, 3km, mb4.6/38,
mb1.4/748, mb1mx4.6/54, mbtmp5.1/48, MS4.0/22,
Ms1.4/122, ms1mx3.8/45, Error ellipse: s-maj=8.5km
s-min=5.7km az=144.0

GCMT 06:20:57:09.0±0.1.46:42N:150:08E, h162km, MW5.3/116,
Moment Tensor Solution. s84,c140; s116,c215;
Duration: 1s2 Moment tensor: Scale 1017Nm;
Mn-0.46±.02; M80.58±.02; M80.12±.02; M80.65±.02;
M80.12±.02; M80.13±.01; Best double couple:
M1: 32400x1017 NP1: 381.00000°, 381.00000°,
λ-107.00000°. NP2: 283.00000°, s19.00000°,
λ-28.00000°. Principal axes: T 1.2190, Pg34.0000°,
Azml144.0000°; N 0.2090, P1g17.0000°, Azm42.0000°; P
-1.4290, P1g51.0000°, Azm290.0000°; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.

JMA 06:20:57:12.8±0.5.45:64N:150:03E, h182km, M5.1
ISC Felt J1

ISC 06:20:57:09.7±0.2.46:45N:0.03:149:91E:0.03, h162km, 1km,
h161km, pP-N, n1501, a128/1797, mb5.1/357, 54C-40D,
Kuril Islands

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

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

YSS comp=N, 220nm, 1.0s pmax pmax

YSS comp=N, 80nm, 0.9s pmax pmax

YSS comp=E, 230nm, 0.9s pmax pmax

YSS comp=N, 500nm, 2.0s pmax pmax

YSS comp=E, 700nm, 2.0s pmax pmax

YSS comp=Z, 400nm, 2.0s smax smax

YSS comp=N, 6µm, 5.0s smax smax

YSS comp=E, 3µm, 4.0s smax smax

YSS comp=N, 360nm, 1.0s smax smax

YSS comp=E, 160nm, 0.9s pmax pmax

YSS comp=E, 80nm, 1.0s AMB AMB

YSS comp=E, 230nm, 1.0s AMB AMB

YSS comp=E, 220nm, 1.0s AMB AMB

YSS comp=E, 500nm, 2.0s AMB AMB

YSS comp=E, 700nm, 2.0s AMB AMB

YSS comp=E, 400nm, 2.0s AMB AMB

YSS comp=E, 6µm, 4.5s iS Sn

YSS comp=E, 3µm, 4.5s A A

YSS comp=E, 3µm, 4.5s A A

YSS comp=E, 360nm, 1.1s A A

YSS comp=E, 160nm, 1.1s AMS AMS

YSS comp=E, 2µm, 10.0s AMS AMS

JAK Akkeshi 5.08 229 P Pn 20 58 22.4 -1.8

JAK Maruseppu 5.24 245 P Pn 20 58 27.5 +1.2

JAK Soyases 5.35 256 P Pn 20 58 29.5 +1.8

JAK Ashorobets 5.39 236 P Pn 20 58 28.6 +0.3

JAK Onbets 5.60 233 P Pn 20 58 30.2 -5.9

JAK JOB 5.60 233 P Pn 20 59 30.2 -4.7

JAK KAMIKAWA-asahi 5.67 248 eP Pn 20 58 33.8 +1.8

JAK Asahikawa 5.67 248 P Pn 20 58 33.8 +1.8

JAK Asahikawa 5.67 248 P Pn 20 58 33.8 +1.8

JAK Asahikawa 5.67 248 P Pn 20 58 33.8 +1.8

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like IRK, WAKE ISLAND, Talya, and various other stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like RABBIT CREEK A, MCKINLEY, MURPHY DOME, and various other stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WMO, KMI, INK, and various other stations.

A25A	Svangstu Ranch	65.79	44	P	P	21 07 35.9	-1.1
LAO	LASA Array	65.80	47	P	P	21 07 36.0	-1.2
LAO	LASA Array	65.80	47	eP	P	21 07 37.2	+0.1
SFJD	Kangerlussuaq	65.80	9	eP	pmax	21 07 37.4	+0.7
SFJD	Kangerlussuaq	65.80	9	iP	P	21 07 36.9	+0.2
SFJD	Kangerlussuaq	65.80	9	eP	P	21 07 37.4	+0.7
BGU	Big Grassy Mow	65.98	55	eP	P	21 07 39.4	+0.9
BGU	South Promonto	66.05	55	eP	pP	21 08 15.5	-1.5
SPUT	Troy Canyon, C	66.19	59	eP	P	21 07 38.9	-1.0
R11A	Troy Canyon, C	66.19	59	eP	P	21 07 40.8	+0.9
R11A	Isabella	66.20	63	eP	pP	21 08 16.6	-1.8
B25A	Knox Farm, Ray	66.23	44	P	P	21 07 38.6	-1.2
CTAO	Charters Tower	66.31	184	eP	P	21 07 41.3	+0.8
CTAO	Charters Tower	66.31	184	eP	P	21 07 41.3	+0.8
A26A	Wade Farm, Ken	66.33	43	P	P	21 07 39.3	-1.2
HWUT	Hardware Ranch	66.35	54	eP	P	21 07 42.2	+1.2
HWUT	Red Spur Mount	66.42	54	eP	pP	21 08 18.4	-1.1
RSUT	Manual Prospect	66.54	62	P	P	21 07 41.6	-0.7
BSC	Santa Cruz Isl	66.58	65	P	P	21 07 42.0	-0.3
DUG	Dugway	66.58	56	eP	P	21 07 43.5	+1.1
DUG	Dugway	66.58	56	eP	pmax	21 07 43.5	+1.1
DUG	Dugway	66.58	56	eP	pP	21 08 18.9	-2.0
DUG	Dugway	66.58	56	eP	pP	21 07 41.6	-0.8
DUG	Dugway	66.58	56	eP	P	21 07 43.5	+1.1
DUG	Boulder Array	66.69	52	eP	pP	21 08 18.9	-2.0
BW06	Topopah Spring	66.71	60	eP	pP	21 07 43.4	+0.3
TPNV	Topopah Spring	66.71	60	eP	pmax	21 07 44.0	+0.7
TPNV	Topopah Spring	66.71	60	P	P	21 07 42.7	-0.6
TPNV	Topopah Spring	66.71	60	eP	P	21 07 44.0	+0.7
OSI	Osito Adit	66.73	64	eP	P	21 07 45.0	+1.7
EDW2	Edwards Air Fo	67.01	63	P	P	21 07 44.1	-1.0
B27A	Peters Farms,	67.04	43	P	P	21 07 43.9	-1.1
A28A	Wahner Farm, P	67.05	44	P	P	21 07 44.0	-1.1
C26A	Rude Farm, Bot	67.15	42	P	P	21 07 44.4	-1.3
NLU	North Lily Min	67.17	56	eP	P	21 07 47.4	+1.3
NLU	Miller Ranch,	67.34	46	eP	pP	21 08 23.1	-1.7
E25A	Miller Ranch,	67.34	46	eP	pP	21 07 46.1	-0.9
MPU	Maple Canyon	67.38	55	eP	P	21 07 48.4	+0.9
MPU	Saylor Ranch,	67.41	44	eP	pP	21 08 24.5	-1.6
C27A	Saylor Ranch,	67.41	44	eP	pP	21 07 46.4	-0.9
B28A	Dugan Ranch, T	67.44	43	P	P	21 07 46.6	-0.8
WRAB	Tennant Creek	67.56	196	eP	pmax	21 07 50.0	+1.6
WRAB	Tennant Creek	67.56	196	eP	pmax	21 07 48.2	-0.2
WRAB	Tennant Creek	67.56	196	eP	P	21 07 50.0	+1.6
WRA	Warramunga Arr	67.57	196	eP	P	21 07 47.8	-0.6
WRA	Warramunga Arr	67.57	196	eP	P	21 08 15.1	+0.7
WRA	Warramunga Arr	67.57	196	eP	P	21 07 48.0	-0.5
WRA	Warramunga Arr	67.57	196	eP	pmax	21 07 48.0	-0.5
MAK	Makhachkala	67.57	309	eP	pP	21 07 49.7	+1.4
MAK	Makhachkala	67.57	309	eP	pP	21 08 25.7	-1.3
MAK	Makhachkala	67.57	309	eP	pP	21 11 20.7	
MAK	Makhachkala	67.57	309	eP	PPP	21 11 57.8	
MAK	Makhachkala	67.57	309	eP	SS	21 16 34.5	+2.8
MAK	Makhachkala	67.57	309	eP	eSS	21 20 57.8	+3.1
A29A	Manning Farm,	67.62	42	P	P	21 07 47.7	-0.9
BFSC	Mount Baldy Ra	67.64	64	P	P	21 07 48.6	-0.6
SHPR	Sheep Range	67.66	60	eP	pP	21 07 50.3	+1.0
SHPR	Sheep Range	67.66	60	eP	pP	21 08 27.2	-0.7
F25A	Bowman	67.71	46	P	P	21 07 48.2	-1.1
IZAR	Zarasai	67.71	329	eP	IaMb	21 07 48.0	-1.1
IZAR	Zarasai	67.71	329	eP	IaMb	21 07 50.3	
NB2	NORSAR Subarra	67.77	340	P	P	21 07 48.1	-1.3
NB2	NORSAR Subarra	67.77	340	P	P	21 07 48.1	-1.3
NOA	NORSAR Array B	67.77	340	P	P	21 07 48.0	-1.4
NOA	NORSAR Array B	67.77	340	P	P	21 08 14.7	-0.2
NOA	NORSAR Array B	67.77	340	P	P	21 08 14.7	
NOA	NORSAR Array B	67.77	340	P	P	21 07 48.0	-1.3
NOA	NORSAR Array B	67.77	340	P	P	21 08 14.7	
E26A	Carlson Angus	67.82	45	P	P	21 07 48.9	-1.1
IDID	Didiziasal	67.88	329	eP	IaMb	21 07 48.9	-1.2
FITZ	Fitzroy Crossi	67.89	205	eP	P	21 07 51.5	+1.0
ISAL	Salakas	67.90	329	eP	IaMb	21 07 49.1	-1.1
TUQ	Turquoise Moun	67.91	62	P	P	21 07 50.3	-0.5
HFS	Hagfors	67.94	338	LR	LR	21 12 07.9	
C28A	Hausauer Farms	67.94	43	P	P	21 07 49.9	-0.8
CCUT	Cedar City	68.03	58	eP	P	21 07 52.8	+1.1
CCUT	Cedar City	68.03	58	eP	pP	21 08 29.3	-1.0
CCUT	Cedar City	68.03	58	eP	pP	21 08 48.7	+0.9
IGN	Ignalina	68.04	329	eP	IaMb	21 07 50.0	-1.1
IGN	Ignalina	68.04	329	eP	IaMb	21 07 52.4	
A30A	Hoffart Farm,	68.04	41	P	P	21 07 50.0	-1.3
HEC	Hector,Ludlow	68.07	62	P	P	21 07 51.1	-0.7
TMUT	Trail Mountain	68.10	56	eP	P	21 07 52.4	+0.3
TMUT	Trail Mountain	68.10	56	eP	pP	21 08 28.4	-2.5
ULM	Lac du Bonnet	68.17	39	P	P	21 07 52.1	+0.1
ULM	Lac du Bonnet	68.17	39	P	pmax	21 07 52.1	+0.1

MDND	Maddock	68.22	43	P	P	21 07 51.4	-1.0
MDND	Maddock	68.22	43	eP	P	21 07 53.7	+1.3
E27A	Carson	68.29	45	P	P	21 07 51.9	-1.0
MURC	Murrieta	68.35	64	P	P	21 07 53.4	-0.1
IGLO	Ghaloghah	68.35	300	eP	P	21 07 53.5	-0.2
B30A	Myrvik Farm, E	68.38	42	P	P	21 07 52.3	-1.1
F27A	Lemmon	68.46	46	P	P	21 07 53.2	-0.8
GMRC	Granite Mounta	68.51	62	P	P	21 07 53.6	-0.9
H25A	Fruitdale	68.55	47	P	P	21 07 53.6	-1.0
G26A	Maurine	68.58	46	P	P	21 07 53.6	-1.1
E28A	Huff	68.61	44	P	P	21 07 53.7	-1.1
SRU	San Rafael	68.62	55	eP	pP	21 07 55.9	+0.7
SRU	San Rafael	68.62	55	eP	pmax	21 08 32.1	-1.9
SRU	San Rafael	68.62	55	eP	pmax	21 07 55.9	+0.7
SRU	San Rafael	68.62	55	eP	pP	21 08 32.1	-1.9
SRU	San Rafael	68.62	55	eP	pP	21 07 54.7	-0.7
SRU	Greenbush Farm	68.71	41	eP	pP	21 07 58.9	+2.9
MSVF	Nonsavu	68.76	151	eP	P	21 08 35.6	+0.8
MSVF	Nonsavu	68.76	151	eP	pmax	21 08 35.6	+0.8
MSVF	Nonsavu	68.76	151	eP	P	21 07 58.8	+2.9
MSVF	Nonsavu	68.76	151	eP	P	21 07 58.8	+2.9
MSVF	Nonsavu	68.76	151	eP	pP	21 08 35.6	+0.8
MSVF	Nonsavu	68.76	151	eP	sP	21 08 51.1	-1.0
D29A	Pettibone, Tap	68.79	43	P	P	21 07 55.7	-0.3
MMU	Wilners Mountai	68.80	57	eP	P	21 07 56.5	+1.1
PFO	Pinyon Flat Ob	68.81	63	eP	P	21 07 56.5	+0.1
PFO	Pinyon Flat Ob	68.81	63	eP	pP	21 08 33.7	-1.5
PFO	Pinyon Flat Ob	68.81	63	eP	pP	21 07 56.5	+0.1
PFO	Pinyon Flat Ob	68.81	63	eP	pP	21 08 33.7	-1.5
BELC	Belle Mtn. Jos	68.83	63	P	P	21 07 56.0	-0.5
A32A	Rocking H Ranc	68.87	40	P	P	21 07 55.8	-0.6
H26A	Fairpoint	68.97	47	P	P	21 07 56.2	-1.0
IANJ	Anjilo	69.00	300	eP	P	21 07 58.0	+0.3
F28A	McLaughlin	69.08	45	P	P	21 07 56.4	-1.3
C31A	Landman Farms,	69.13	42	P	P	21 07 57.3	-0.7
ISHM	Shahmirzad	69.14	300	eP	P	21 07 59.1	+0.4
O20A	White River Ci	69.20	53	P	P	21 07 57.6	-1.2
O20A	White River Ci	69.20	53	eP	P	21 07 59.5	+0.7
B32A	Ashes, Strandg	69.24	41	P	P	21 07 57.6	-1.0
IRM	Iron Mountain	69.24	62	P	P	21 07 59.3	+0.4
IALA	Alasht	69.24	301	eP	P	21 07 59.2	-0.1
MONP	Monument Peak	69.31	64	eP	P	21 07 58.7	-0.9
A33A	Warroad	69.35	40	P	P	21 07 58.4	-0.9
BC3	Big Chuckawall	69.39	63	P	P	21 07 58.9	-1.1
KIV	Kislovodsk	69.40	313	eP	pP	21 07 59.3	+0.5
KIV	Kislovodsk	69.40	313	eP	pmax	21 08 41.6	+2.9
KIV	Kislovodsk	69.40	313	eP	pmax	21 10 33.6	
KIV	Kislovodsk	69.40	313	eP	pmax	21 07 59.3	+0.5
KIV	Kislovodsk	69.40	313	eP	rx	21 08 00.3	+0.5
IPRN	Peran	69.42	301	eP	P	21 08 00.4	+0.3
KBZ	Khabaz	69.45	312	eP	P	21 08 00.4	+0.4
KBZ	Khabaz	69.45	312	eP	LR	21 12 18.4	
KBZ	Khabaz	69.45	312	eP	pmax	21 08 00.4	+0.4
KBZ	Khabaz	69.45	312	eP	pmax	21 08 00.4	+0.4
E30A	Jud	69.52	43	P	P	21 08 00.2	-0.3
IFIR	Firoozkoo	69.58	300	eP	P	21 08 01.8	+0.6
ZEI	Tsey	69.60	311	eP	P	21 07 57.7	-3.5
ZEI	Tsey	69.60	311	eP	pmax	21 08 00.8	-0.1
AGMN	Agassiz Nation	69.61	41	eP	P	21 08 01.1	+0.2
AGMN	Agassiz Nation	69.61	41	eP	P	21 08 01.1	+0.2
AGMN	Agassiz Nation	69.61	41	eP	pP	21 08 38.4	-1.4
AGMN	Agassiz Nation	69.61	41	eP	pP	21 08 01.7	+0.2
AGMN	Agassiz Nation	69.61	41	eP	P	21 08 01.0	-0.4
B33A	Robert and Kas	69.75	40	P	P	21 08 01.7	-0.1
PDMCI	Parker Dam,Lak	69.76	61	P	P	21 08 01.6	-0.5
H28A	Mission Ridge	69.81	46	P	P	21 08 01.4	-0.9
DZM	Mont Dzumac	69.83	164	eP	P	21 08 04.7	+2.2
DZM	Mont Dzumac	69.83	164	eP	pP	21 08 40.9	-0.5
DZM	Mont Dzumac	69.83	164	eLR	LR	21 29 31.8	
PV09	Paradox Valley	69.83	55	eP	P	21 08 04.0	+1.2
NEY	Neytrino	69.88	312	iP	P	21 08 02.3	-0.6
Y12C	Blythe	69.90	62	P	P	21 08 03.5	+0.6
D32A	Dogwood Acres,	69.94	42	P	P	21 08 02.8	-0.1
F30A	Leola	69.95	44	P	P	21 08 02.7	-0.4
E31A	Nome	69.96	43	P	P	21 08 03.3	+0.2
G29A	Hoven	69.98	45	P	P	21 08 02.3	-1.0
B34A	Aery, Baudette	70.01	40	P	P	21 08 03.1	-0.3
PV04	Paradox Valley	70.03	55	eP	P	21 08 04.1	+0.2
PV04	Paradox Valley	70.03	55	eP	pP	21 08 41.5	-1.3
IAFJ	Afjeh	70.05	301	eP	P	21 08 03.1	-1.1
IDMV	Damavand	70.05	301	eP	P	21 08 03.5	-0.7
C33A	Trail	70.05	41	P	P	21 08 03.4	-0.3
PV05	Paradox Valley	70.14	55	eP	P	21 08 05.8	+1.1
SUW	Suwalki	70.17	330	eP	pP	21 08 25.9	+0.8
GLA	Glamis	70.19	63	eP	pmax	21 08 05.6	+0.9
GLA	Glamis	70.19	63	eP	pmax		

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Code	Name	Time	Lat	Long	Mag	Phase	Notes	Code	Name	Time	Lat	Long	Mag	Phase	Notes
C38A	Sawbill Land.	72.07	38	P	P		21 08 14.5 -1.3	121A	comp-Z,61nm,0.8s						
IAZR	Azarshar	72.08	306	eP	P		21 08 17.5 +1.1	K37A	Cookes Peak, D	74.80	59	P	P		21 08 31.8 -0.4
E36A	McGregor	72.12	40	P	P		21 08 15.2 -0.9	U27A	Belmond	74.81	43	P	P		21 08 30.9 -1.0
214A	Organ Pipe Nat	72.17	62	P	P		21 08 16.9 +0.2	R30A	Thompson Grove	74.83	53	P	P		21 08 31.6 -0.7
214A	Organ Pipe Nat	72.17	62	eP	P		21 08 16.9 +0.2	SMD0	Dighton	74.85	50	P	P		21 08 31.5 -0.7
SDCO	Great Sand Dun	72.40	54	eP	P		21 08 53.9 -1.9	UZH	Samad	74.89	288	P	P		21 08 33.9 +1.1
SDCO	Great Sand Dun	72.40	54	eP	P		21 08 17.0 -1.3	UZH	Uzhgorod	74.89	327	eP	P		21 08 31.6 -0.6
F36A	Milaca	72.50	41	P	P		21 08 18.7 +0.4	UZH	Uzhgorod	74.89	327	eP	P		21 08 31.6 -0.6
MBWA	Marble Bar	72.63	209	eP	P		21 08 55.6 -1.8	TESR	Tescani	74.89	323	iP	P		21 08 31.6 -0.6
ECSD	EROS Data Cent	72.66	44	P	P		21 08 17.1 -1.2	HATD	Hatta, Dubai	74.92	290	iP	P		21 09 09.0 -1.1
ECSD	EROS Data Cent	72.66	44	P	P		21 08 19.4 +0.1	J38A	Wedel Dairy, R	74.93	42	P	P		21 08 32.0 -0.5
ECSD	EROS Data Cent	72.66	44	P	P		21 08 18.4 -0.9	NIE	Niedzica	74.97	329	eP	P		21 08 34.1 +1.4
O28A	Krutsinger Ran	72.71	50	P	P		21 08 19.2 -0.1	NIE	Niedzica	74.97	329	eP	P		21 08 34.2 +1.5
L31A	Butterfield Fa	72.72	47	P	P		21 08 57.8 -0.7	ASHO	Ashtiyah	75.06	290	P	P		21 08 34.5 +0.9
BEL	Belsk	72.79	330	eP	P		21 08 18.7 -1.0	ASHO	Ashtiyah	75.06	290	P	P		21 08 34.5 +0.9
BEL	Belsk	72.79	330	eP	P		21 08 19.9 +0.1	NAZ	Nazwa, Dubai	75.11	291	iP	P		21 08 33.7 +0.1
I34A	Hadley	72.79	44	P	P		21 08 19.9 0.0	T29A	Hugoton	75.13	51	P	P		21 08 33.2 -0.7
SIM	Simferopol'	72.84	318	eP	P		21 08 20.0 -0.1	KSP	Ksiaz	75.15	332	eP	P		21 08 32.6 -1.1
SIM	Simferopol'	72.84	318	eP	P		21 08 20.4 +0.3	KSP	Ksiaz	75.15	332	eP	P		21 08 32.6 -1.1
ERZM	Erzurum	72.99	310	P	P		21 08 19.2 -0.6	Q32A	Barrett Ranch,	75.22	49	P	P		21 08 33.6 -0.7
EKAR	Karacoban	73.09	309	P	P		21 08 23.9 +2.2	R31A	Burdett	75.24	50	P	P		21 08 33.7 -0.7
P28A	Saint Francis	73.12	50	P	P		21 08 23.6 +1.3	O34A	Beatrice	75.28	47	P	P		21 08 33.8 -0.8
TUC	Tucson	73.16	61	eP	P		21 08 21.3 -0.9	FAQ	Al Faqa, Dubai	75.32	290	iP	P		21 08 35.0 -0.1
TUC	Tucson	73.16	61	eP	P		21 08 22.6 0.0	CFR	Carcaliu	75.33	322	iP	P		21 08 34.3 -0.5
TUC	Tucson	73.16	61	eP	P		21 09 00.4 -1.4	CFR	Carcaliu	75.33	322	iP	P		21 08 34.3 -0.5
O29A	4D Ranch, Culb	73.22	49	P	P		21 08 22.6 0.0	JMD0	Jabal Madar	75.33	287	P	P		21 08 36.1 +0.9
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6 0.0	VMO	Vrincioiaia	75.38	323	iP	P		21 08 35.3 +0.2
L31A	Butterfield Fa	72.72	47	P	P		21 08 22.6								

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Includes entries like Kasperke Hory, Teagarden Farm, Buzias, Anderson Ranch, etc.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Includes entries like Pernice, Stuttgart, WLF, WLF, WLF, etc.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P, AzEl, P. Includes entries like White-Moore Ra, Sonora, ZALF, Whitesboro, etc.

6d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMG Samos, TIR Tirane, 237A Washetta, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LUPA Lehigh Univ, SWET Sewanee, SWET Tazewell, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LPAY Syowa Base, BDFB Brasilia, NVL N'zarevsky, etc.

CSEM 06 21:07:17.4, 43:23N, 10:80E, h8km, MD2.3/7, After ROM
ROM 06 21:07:17.4+0.2, 43:23N, 10:80E, h8km, 1km, Md2.3/7,
M11.5/1, Error ellipse: s-maj=3.6km s-min=1.9km
az=49.0, Central Italy

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SASS Sassa, GRFL Gerfalco, CASP Castiglione de, etc.

ISK 06 21:27:19.0, 36:27N, 31:56E, h7km, MD3.4
DDA 06 21:27:22.6, 36:30N, 31:51E, h57km, Md3.2
CSEM 06 21:27:22.8, 0.2, 36:26N, 31:53E, h60km, MD3.2, Error
ellipse: s-maj=5.6km s-min=3.3km az=36.0
NIC 06 21:27:24.5, 36:07N, 31:74E, h10km, ML3.4
ISC 06 21:27:20.9, 1.9, 36:25N, 0:03, 31:54E, 0:03, h12km, 14km,
n61, r=120/80, Turkey

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GAZI Gazipasa, ANTB Antalya, AKMC Akamas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KARAHALLI, KARASALI, KARAI, GULAG, YAYLAD, etc.

JMA 06 21:28:01.2,0.3,23.95N;122.50E, h15km,4km, M2.1
ISC/JB 06 21:28:02.0,0.2,0.4,01N;0.03;122.51E;0.02, h15km,6km,
Error ellipse: s-maj=6.0km s-min=2.8km az=159.1

Main table for Taiwan region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YONAGUNIJIMAKU, YONAGUNI JIMA, ENA, etc.

AUST 06 21:29:10.2,2.2,4.54S;146.72E, h66km, Error ellipse:
s-maj=2.3km s-min=1.2km az=311.0

Table for Eastern New Guinea region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PORT MORESBY, COEN, CTA, etc.

Table for Taiwan region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, TORD, DBIC, etc.

ISC/JB 06 21:38:57.8,0.3,26.78N;0.06;125.75E;0.06,
h181km,6km, mb3.8/8, Error ellipse: s-maj=12.8km
1.3m,0.5s,baz=124,slow=6.6,SNR=7.9

Main table for Taiwan region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JKE, JAGN, TAMAGUSUKU 2, etc.

IDC 06 22:27:47.8,2.9,5.07S;133.29E, h0km, mb3.4/1,
mb 1.0/0.5, mb1mx3.6/26, mbtmp3.8/5, ML3.9/4, MS2.6/3,
Ms1 2.6/3, ms1mx2.3/1.7, Error ellipse: s-maj=12.6km
s-min=2.9km az=90.0, Arr. Islands region

Table for Arr. Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI, SIJI, JAY, etc.

ISC/JB 06 22:37:04.0,0.5,3.9;11N;0.03;29.07E;0.03, h4km,5km,
Error ellipse: s-maj=4.6km s-min=3.8km az=44.4

Table for Turkey region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DEMI, DEMI, TVSB, etc.

Table for Turkey region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHL, KARAHALLI, ORL, etc.

ISC/JB 06 22:57:51.4,0.7,40.82N;0.04;30.91E;0.04, h2km,6km,
Error ellipse: s-maj=6.3km s-min=4.3km az=19.4

Table for Turkey region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTAS, BTAS, MDUB, etc.

ISC 06 22:57:52.3,0.7,40.79N;0.04;30.93E;0.02, h8km,9km,
n31,0838/46,Turkey

Main table for Turkey region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTAS, MDUB, GULV, etc.

ISC/JB 06 23:02:17.2,0.7,51.47N;0.03;16.08E;0.04, h0km,
Error ellipse: s-maj=4.9km s-min=3.1km az=13.2

Table for Turkey region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSP, KSP, UPIC, etc.

PVCC Panska Ves 1.36 225 i PG Pn 23 02 44.3 -0.1

Table for Turkey region (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRLC, KRALIKY, PRA, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, NVS, MKAR, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BORA, ADVT, ABULV, etc.

DDA 07 00:24:49.1, 40.91N, 31.03E, h7km, M13.2
CSEM 07 00:24:50.1, 40.91N, 31.04E, h1km, m13, ML3.2, Error
ellipse: s-maj=4.1km s-min=2.5km az=16.0
ISK 07 00:24:50.3, 40.80N, 31.02E, h6km, MD2.9
ISC 07 00:24:50.4, 1.2, 40.83N, 0.03, 31.04E, 0.02, h4km, m10km,
n48, c042/65, Turkey

IDC 07 00:29:01.1, 6.754N, 135.48E, h0km, mb3.8/6,
mb1.4/0.6, mb1mx3.6/4.3, mbtmpp3.8/6, MS3.2/3, Ms1.3/2/3,
sm1mx2.8/3.4, Error ellipse: s-maj=75.2km s-min=19.0km
az=75.0
ISCJB 07 00:29:03.1, 1.4, 7.5N, 0.2, 135.5E, 0.1, h33km, mb3.6/6,
MS3.2/3, Error ellipse: s-maj=63.1km s-min=16.1km
az=165.3
ISC 07 00:29:06.2, 1.6, 7.6N, 0.2, 135.5E, 0.1, h35km, n12,
c0562/6, mb3.6/6, MS2.7/3, Western Caroline Islands

IFC 07 00:33:48.1, 34.59N, 32.72E, h7km, MD3.1
ISCJB 07 00:33:49.3, 1.4, 34.60N, 0.06, 32.74E, 0.08, h13km, 8km,
Error ellipse: s-maj=12.7km s-min=8.8km az=138.6
CSEM 07 00:33:50.1, 0.2, 34.65N, 32.75E, h15km, ML2.8, Error
ellipse: s-maj=5.3km s-min=4.0km az=21.0
NIC 07 00:33:50.3, 34.65N, 32.72E, h16km, ML2.8
ISC 07 00:33:50.4, 1.2, 34.70N, 0.06, 32.75E, 0.04, h23km, 7km,
n20, c0562/28, 2D, Cyprus region

IDC 07 00:38:56.2, 16.0, 36.24N, 70.78E, h186km, 163km,
mb2.9/3, mb1.3/0.5, mb1mx2.7/5.3, mbtmpp3.5/5, ML3.3/2,
Error ellipse: s-maj=9.9km s-min=25.8km az=8.0
ISCJB 07 00:38:59.6, 1.3, 36.69N, 0.10, 70.60E, 0.10, h204km,
mb3.0/2, Error ellipse: s-maj=13.8km s-min=10.3km
az=159.6
NNC 07 00:39:02.5, 2.4, 36.89N, 70.59E, h206km, 37km, mb2.4,
mp3/3, Error ellipse: s-maj=42.0km s-min=22.0km
az=121.0
ISC 07 00:39:00.1, 1.8, 36.70N, 0.10, 70.64E, 0.10, h204km, n15,
c084/18, 4C-3D, Hindu Kush region

7d 0h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BKBL Karagaybulak, TKM2 Tokmak 2, MKAR Makanchi Array, etc.

BUIJ 07:00:43:16.0, 69:19N:145:40W, h6km, mb4.9/59, mB5.1/41, Ms5.4/48, Ms7.5/147

MOS 07:00:43:21.8, 0.9, 69:22N:146:47W, h14km, mb5.0/89, MS4.5/24, Error ellipse: s-maj=13.9km s-min=3.8km az=95.1

IDC 07:00:43:21.8, 0.4, 69:29N:146:42W, h0km, mb4.5/39, mb4.1/742, mb1.6mx4.6/49, mbmp4.6/42, ML4.7/4, MS4.5/23, Ms1.4/5.23, ms1.6/3.9, Error ellipse: s-maj=11.6km s-min=9.4km az=39.0

ISCBJ 07:00:43:23.0, 3.8, 69:20N:102:146:21W, 0.04, h25km, 5km, mb4.9/242, MS4.6/32, Error ellipse: s-maj=2.8km s-min=2.1km az=37.3

NEIC 07:00:43:23.6, 69:19N:146:22W, h14km, mb5.0/154, MW5.1, ML5.3(AEIC), Moment Tensor Solution. s49 Moment tensor: Scale 10^16Nm; Mr1.17; Mw1.0; Mo0.17; Mm-0.86; Ms-4.71; Mo-5.55; Best double couple: M=4.90000*10^16, N1=1.0271, 0.00000, 880.00000, 1.166.00000, 92.334.00000, 3.76.00000, 0.10.00000

Principal axes: T 4.4400, Plg7.0000, Azm227.0000; N 0.8800, Plg73.0000, Azm56.0000; P -5.3200, Plg2.0000, Azm318.0000; After AEIC.

NEIC Felt at Barrow, Nuiqsut and Prudhoe Bay. GCMT 07:00:43:23.6, 0.2, 69:39N:146:31W, h21km, 1km, MW5.2/96, Moment Tensor Solution. s53, c79; s96, c166; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.0; Mw1.15; Mo-1.74; Ms1.58; Mm0.99; Mw1.58; Ms1.58; Mw1.69; Ms2.27; Best double couple: M=6.44600*10^16, N1=1.187.00000, 885.00000, -16.00000, NP2: 2.279.00000, 874.00000, -1.175.00000, Principal axes: T 6.1760, Plg7.0000, Azm234.0000; N 0.5360, Plg73.0000, Azm350.0000; P -6.7160, Plg15.0000, Azm142.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 07:00:43:24.0, 0.3, 69:19N:103:146:30W, 0.03, h16km, 1km, h16km; pP-N, n846, c1947/883, mb5.0/247, MS4.5/33, 34C-19D, Northern Alaska

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations like TAPS Pump Stn, Burnt Mountain, TAPS Pump Stn5, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists stations like BRLL Bradley Lake, CNPM China Foot, SKAG Skagway, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists stations like K05A Summer Lake, MCMT McKenzie Canyon, PET Petropavlovsk, etc.

H25A	Fruitdale baz=33,SNR=12	32.72 116	P	P	00 49 56.5 +1.1
YAK	Yakutsk	32.73 300	eP	P	00 49 53.8 -1.4
YAK			ePP	pP	00 50 01.6 +1.0
YAK			e	P	00 51 01.4
YAK			ePPP	PPP	00 51 13.4
YAK			eS	S	00 55 11.0 +0.4
YAK			eSS	SnSn	00 57 00.5 -5.4
YAK	comp=Z,23nm,1.0s		pmax	pmax	
YAK	comp=N,6.0nm,1.2s		pmax	pmax	
YAK	comp=E,9.0nm,1.2s		pmax	pmax	
YAK	comp=Z,64nm,2.4s		pmax	pmax	
YAK	comp=N,166nm,3.2s		pmax	pmax	
YAK	comp=E,118nm,4.0s		pmax	pmax	
YAK	comp=N,232nm,3.3s		smax	smax	
YAK	comp=E,203nm,3.3s		MLR	MLR	
YAK	comp=Z,2µm,13.0s		MLR	MLR	
YAK	comp=N,637nm,12.0s		MLR	MLR	
ELK	Elko	32.88 134	eP	P	00 49 58.3 +1.2
ELK			eP	pmax	
ELK	Elko	32.88 134	eP	P	00 49 58.3 +1.2
ELK	comp=Z,6.0nm,0.8s		eP	pmax	
H26A	Fairpoint	32.99 115	P	P	00 49 58.1 +0.4
RSSD	Black Hills	33.03 117	eP	P	00 49 58.6 +0.3
RSSD			eP	pmax	
RSSD	Black Hills	33.03 117	eP	P	00 49 58.6 +0.3
RSSD	comp=Z,11nm,0.6s		eP	P	
NMTM	Middletown	33.04 145	eP	P	00 52 43.8 +2.4
HWUT	Hardware Ranch	33.06 128	eP	P	00 49 60.0 +1.3
RSUT	Red Spur Mount	33.08 128	eP	P	00 50 00.2 +1.3
SPUT	South Promonto	33.10 130	eP	P	00 49 59.9 +1.0
F30A	Leola	33.15 110	P	P	00 49 57.8 -1.3
G28A	Parade	33.19 113	P	P	00 49 58.2 -1.3
H27A	Howes	33.20 115	P	P	00 50 00.1 +0.5
I25A	Roachford	33.22 117	P	P	00 50 00.2 +0.3
C35A	Ilirik Farms, M	33.26 103	P	P	00 49 58.8 -1.2
BGU	Big Grassy Mou	33.30 131	eP	P	00 50 01.7 +1.1
D34A	Park Rapids	33.36 105	P	P	00 50 00.2 -0.8
F31A	Hecla	33.38 109	P	P	00 50 01.2 +0.1
G29A	Hoven	33.41 112	P	P	00 50 00.4 -1.0
I26A	New Underwood	33.48 116	P	P	00 50 01.8 -0.4
H28A	Mission Ridge	33.51 113	P	P	00 50 01.2 -1.0
K22A	Casper	33.58 121	P	P	00 50 03.0 -0.1
K22A	Casper	33.58 121	eP	P	00 50 03.4 +0.3
C36A	Pine Crest Far	33.61 102	P	P	00 50 01.2 -1.8
I27A	Quinn	33.71 115	P	P	00 50 03.8 -0.3
F32A	Vellet	33.76 108	P	P	00 50 03.2 -1.1
J25A	Sunshine Ranch	33.76 118	P	P	00 50 03.8 -0.7
D35A	Remer	33.76 104	P	P	00 50 03.2 -1.2
H29A	Onida	33.82 112	P	P	00 50 04.2 -0.7
CTU	Camp Tracy	33.86 129	eP	P	00 50 06.3 +0.7
EYMN	Ely	33.92 100	P	P	00 50 04.0 -1.8
EYMN	Ely	33.92 100	eP	P	00 50 05.7 -0.1
G31A	Conde	33.96 110	P	P	00 50 04.6 -1.5
D36A	Goodland	33.99 102	P	P	00 50 04.7 -1.7
DUG	Dugway	34.04 131	eP	P	00 50 07.4 +0.4
DUG			eP	pmax	
DUG	Dugway	34.04 131	P	P	00 50 07.0 0.0
DUG	comp=Z,32nm,0.9s		P	P	
DUG	baz=34,SNR=34		eP	P	
DUG	Dugway	34.04 131	eP	P	00 50 07.4 +0.4
DUG	comp=Z,32nm,0.9s		eP	P	
I28A	Midland	34.06 114	P	P	00 50 06.7 -0.4
J26A	Sides Ranch, S	34.06 117	P	P	00 50 06.0 -1.1
F33A	5 Mile Ranch,	34.07 107	P	P	00 50 05.7 -1.3
E35A	Pequot Lakes	34.09 104	P	P	00 50 06.1 -1.2
C38A	Sawbill Land.	34.19 100	P	P	00 50 06.2 -1.9
CMB	Columbia Colle	34.22 142	eP	P	00 50 09.6 +1.0
CMB			eP	pmax	
CMB	Columbia Colle	34.22 142	eP	P	00 50 09.6 +1.0
CMB	comp=Z,10.0nm,1.0s		eP	pmax	
D37A	Cotta	34.26 102	P	P	00 50 07.5 -1.2
NV01	Minna Array Sit	34.32 139	eP	P	00 50 11.2 +1.6
NVAR	Minna Array Bea	34.32 139	P	P	00 50 11.3 +1.7
NVAR	comp=Z,5.9nm,0.8s,ba=322,slow=6.9,SNR=46		LR	LR	01 04 01.4
NVAR	comp=Z,1µm,18.2s,ba=0.5,slow=36		LR	LR	01 04 01.4
F34	Fish Springs	34.32 132	eP	P	00 50 11.1 +1.6
I29A	Vivian Onida	34.32 113	P	P	00 50 08.7 -0.7
SUSD	South Dakota S	34.40 111	P	P	00 50 08.6 -1.3
J27A	Elkhorn Farm,	34.46 116	P	P	00 50 11.0 +0.4
NLU	North Lily Min	34.46 130	eP	P	00 50 12.0 +1.2
MPU	Maple Canyon	34.52 130	eP	P	00 50 12.6 +1.3
E36A	McGregor	34.53 103	P	P	00 50 10.3 -0.7
J28A	Allard Ranch,	34.55 115	P	P	00 50 11.6 +0.3
G33A	Ortonville	34.58 108	P	P	00 50 11.7 +0.2
I30A	Oacoma	34.71 112	P	P	00 50 13.1 +0.5
H32A	Carlson Farm,	34.85 109	P	P	00 50 14.1 +0.2
J29A	Okreek	34.87 114	P	P	00 50 14.2 +0.2
H33A	Prehn Over Nor	34.93 109	P	P	00 50 13.0 -1.6
FLU	Fool Peak	34.97 131	eP	P	00 50 16.8 +1.5
F36A	Milaca	35.00 104	P	P	00 50 14.9 -0.3
R11A	Troy Canyon, C	35.05 136	eP	P	00 50 16.6 +0.7
R11A	Troy Canyon, C	35.05 136	eP	P	00 50 17.0 +1.1
K28A	Ten Mile Ranch	35.15 115	P	P	00 50 17.6 +1.1
J30A	Dallas	35.21 113	P	P	00 50 17.4 +0.4
H34A	Spellman Lake,	35.27 107	P	P	00 50 17.6 +0.2
MTUM	Tungsten Hills	35.28 140	eP	P	00 50 20.3 +2.4
N23A	Red Feather La	35.36 122	P	P	00 50 19.0 +0.4
N23A	Red Feather La	35.36 122	eP	P	00 50 19.3 +0.7

O20A	White River Ci	35.38 125	P	P	00 50 19.4 +0.7
O20A	White River Ci	35.38 125	eP	P	00 50 24.6 +5.9
K29A	Lazy Trails An	35.45 114	P	P	00 50 19.6 +0.5
G36A	St. Michael	35.47 105	P	P	00 50 19.6 +0.4
J31A	Geddes	35.49 112	P	P	00 50 19.2 -0.2
H35A	Sunnyside Ranc	35.57 106	P	P	00 50 20.7 +0.7
J32A	Parkston	35.72 111	P	P	00 50 21.4 +0.1
K30A	Basset	35.75 113	P	P	00 50 21.5 -0.2
MSU	Marysvale	35.78 131	eP	P	00 50 23.9 +1.7
MSU			eP	pmax	
MSU	Marysvale	35.78 131	eP	P	00 50 23.9 +1.7
MSU	comp=Z,2.7nm,1.2s		eP	pmax	
SPMN	St. Paul	35.81 104	P	P	00 50 21.4 -0.7
SPMN			eP	P	
SPMN	St. Paul	35.81 104	eP	P	00 50 22.7 +0.6
ECSD	EROS Data Cent	35.81 109	P	P	00 50 21.1 -1.0
ECSD	EROS Data Cent	35.81 109	eP	P	00 50 22.0 -0.1
L29A	Maesberg Ranch	36.02 115	P	P	00 50 24.6 +0.6
J33A	Davis	36.06 110	P	P	00 50 24.3 0.0
TPNV	Topopah Spring	36.22 137	eP	P	00 50 27.0 +1.1
TPNV			eP	pmax	
TPNV	Topopah Spring	36.22 137	eP	P	00 50 27.0 +1.1
TPNV	comp=Z,19nm,0.8s		eP	P	
TPNV	comp=Z,19nm,0.8s		eP	P	
CWC	Cottonwood Cre	36.27 140	P	P	00 50 27.4 +1.1
MMU	Miners Mountai	36.32 130	eP	P	00 50 27.9 +1.1
M28A	Bar X Bar Ranch	36.33 116	P	P	00 50 27.2 +0.5
L30A	Spencer Herefo	36.37 114	P	P	00 50 27.8 +0.8
CCUT	Cedar City	36.37 133	eP	P	00 50 28.8 +1.5
L31A	Butterfield Fa	36.45 113	P	P	00 50 28.4 +0.7
ISCO	Idaho Springs	36.47 122	eP	P	00 50 29.3 +1.1
ISCO			eP	pmax	
ISCO	Idaho Springs	36.47 122	P	P	00 50 28.9 +0.7
ISCO	comp=Z,21nm,1.0s		eP	P	
ISCO	Idaho Springs	36.47 122	eP	P	00 50 29.2 +1.1
ISCO	Idaho Springs	36.47 122	eP	P	00 50 29.2 +1.1
SMCO	Snowmass	36.63 124	eP	P	00 50 30.4 +0.7
PV09	Paradox Valley	36.64 127	eP	P	00 50 30.8 +1.2
I37A	Lenwood, Waseca	36.66 105	P	P	00 50 30.0 +0.7
MPMC	Manual Prospec	36.77 139	P	P	00 50 32.2 +1.6
PV04	Paradox Valley	36.80 127	eP	P	00 50 31.0 +0.2
SHPR	Sheep Range	36.91 136	eP	P	00 50 32.7 +0.9
SCHO	Schefferville	36.91 71	P	P	00 50 31.3 -0.1
N28A	Prileno Ranch	36.92 117	P	P	00 50 32.3 +0.6
ISA	Isabella	36.92 141	eP	P	00 50 33.4 +1.6
ISA			eP	pmax	
ISA	Isabella	36.92 141	eP	P	00 50 33.4 +1.6
ISA	comp=Z,8.0nm,1.0s		eP	P	
ISA	Isabella	36.92 141	eP	P	00 50 33.4 +1.6
J36A	Seneca 1, Swea	36.94 107	P	P	00 50 31.7 -0.1
I38A	Scanlan Farm,	37.01 104	P	P	00 50 32.2 -0.1
PV05	Paradox Valley	37.04 128	eP	P	00 50 32.5 -0.5
PV01	Paradox Valley	37.14 127	eP	P	00 50 34.5 +0.8
M31A	Lamtech Ranch	37.16 114	P	P	00 50 32.7 -1.0
J37A	Redenius Farm,	37.23 106	P	P	00 50 33.3 -0.9
TYV	Tymovskoe	37.24 278	eP	P	00 50 39.5 +5.3
TYV			eP	pmax	
TYV	Tymovskoe	37.24 278	eP	P	00 50 39.5 +5.3
TYV	comp=Z,26nm,1.0s		MLR	MLR	
TYV	comp=Z,1µm,15.0s		MLR	MLR	
O28A	Krutsinger Ran	37.36 118	P	P	00 50 36.1 +0.6
BGNE	Belgrade	37.37 113	P	P	00 50 35.2 -0.3
BGNE	Belgrade	37.37 113	eP	P	00 50 35.8 +0.3
BGNE			eP	pmax	
BGNE	Belgrade	37.37 113	eP	P	00 50 35.2 -0.3
BGNE	comp=E,4.7nm,0.9s		P	P	
Q24A	Divide	37.38 122	P	P	00 50 36.3 +0.4
Q24A	Divide	37.38 122	eP	P	00 50 37.2 +1.4
L34A	Svensden Farm,	37.46 110	P	P	00 50 36.1 -0.1
K36A	Glittre City	37.51 108	P	P	00 50 37.0 +0.4
GSC	Goldstone	37.66 139	eP	P	00 50 40.2 +2.2
GSC			eP	pmax	
GSC	Goldstone	37.66 139	eP	P	00 50 40.2 +2.2
GSC	comp=Z,10.0nm,1.0s		eP	P	
O29A	4D Ranch, Culs	37.67 116	P	P	00 50 38.3 +0.2
EDW2	Edwards Air Fo	37.78 140	P	P	00 50 38.5 -0.6
M34A	Aspy Farms, Fr	37.80 111	P	P	00 50 39.0 -0.1
O30A	NW Ranch, Wils	37.86 116	P	P	00 50 39.3 -0.3
S22A	4UR Ranch, Cre	38.00 125	P	P	00 50 41.5 +0.3
S22A	4UR Ranch, Cre	38.00 125	eP	P	00 50 42.5 +1.3
MVCO	Mesa Verde	38.02 127	P	P	00 50 42.0 +0.7
MVCO	Mesa Verde	38.02 127	eP	P	00 50 42.5 +1.3
K38A	Parkersburg				

7d 0h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCES, S36A, T34A, W28A, etc.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like X37A, X38A, Z35A, MIAR, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 834A, FINES, GOGA, HAFORS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, MEMBACH, LPSR, and various regional stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, TREC, WRAC, and various regional stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PLOR, BZS, GZR, and various regional stations.

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

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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

7d 4h

Table with columns: LIA, SMTH, LEF, NEO, OUR, etc. and values for station names, coordinates, and phases.

ISCJB 07 03:21:33.9.0.7, 38.12N, 0.04:38.58E, 0.05, h10km, Error ellipse: s-maj=5.8km s-min=5.0km az=143.4

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

DDA 07 03:26:09.4, 36.95N, 28.45E, h8km, Md2.7 CSEM 07 03:26:10.4.2.0, 36.90N, 28.21E, h2km, Md2.3, Error ellipse: s-maj=63.3km s-min=8.6km az=43.0

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

ISCJB 07 03:36:14.6.1.0, 11.84N, 0.08:43.12E, 0.06, h10km, Error ellipse: s-maj=12.7km s-min=7.3km az=148.6

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

IDC 07 03:40:19.8.0.3, 34.22N, 0.03:74.13E, 0.04, h26km, mb4.0/19, mb1.4/24, mb1mx3.9/55, mbtmp4.0/24, ML4.1/4, MS3.1/5, Ms1.3/1.5, ms1mx2.7/42, Error ellipse: s-maj=15.8km s-min=14.4km az=128.0

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

ISCJB 07 03:40:21.8.0.4, 34.21N, 0.04:74.04E, 0.04, h26km, n105, s=198/111, mb4.2/26, MS3.2/3, Southwestern Kashmir

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

2010 NOV

Table with columns: AJM, JASL, AML, KZA, UCH, ULHL, MNAS, AAK, AAK, AAK, etc. and values for station names, coordinates, and phases.

ISCJB 07 03:21:33.9.0.7, 38.12N, 0.04:38.58E, 0.05, h10km, Error ellipse: s-maj=5.8km s-min=5.0km az=143.4

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

DDA 07 03:26:09.4, 36.95N, 28.45E, h8km, Md2.7 CSEM 07 03:26:10.4.2.0, 36.90N, 28.21E, h2km, Md2.3, Error ellipse: s-maj=63.3km s-min=8.6km az=43.0

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

ISCJB 07 03:36:14.6.1.0, 11.84N, 0.08:43.12E, 0.06, h10km, Error ellipse: s-maj=12.7km s-min=7.3km az=148.6

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

IDC 07 03:40:19.8.0.3, 34.22N, 0.03:74.13E, 0.04, h26km, mb4.0/19, mb1.4/24, mb1mx3.9/55, mbtmp4.0/24, ML4.1/4, MS3.1/5, Ms1.3/1.5, ms1mx2.7/42, Error ellipse: s-maj=15.8km s-min=14.4km az=128.0

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

ISCJB 07 03:40:21.8.0.4, 34.21N, 0.04:74.04E, 0.04, h26km, n105, s=198/111, mb4.2/26, MS3.2/3, Southwestern Kashmir

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

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Table with columns: BRTR, BRTR, BRTR, AKASG, AKASG, KIEV, KIEV, KIEV, etc. and values for station names, coordinates, and phases.

ISCJB 07 03:21:33.9.0.7, 38.12N, 0.04:38.58E, 0.05, h10km, Error ellipse: s-maj=5.8km s-min=5.0km az=143.4

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

DDA 07 03:26:09.4, 36.95N, 28.45E, h8km, Md2.7 CSEM 07 03:26:10.4.2.0, 36.90N, 28.21E, h2km, Md2.3, Error ellipse: s-maj=63.3km s-min=8.6km az=43.0

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

ISCJB 07 03:36:14.6.1.0, 11.84N, 0.08:43.12E, 0.06, h10km, Error ellipse: s-maj=12.7km s-min=7.3km az=148.6

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

IDC 07 03:40:19.8.0.3, 34.22N, 0.03:74.13E, 0.04, h26km, mb4.0/19, mb1.4/24, mb1mx3.9/55, mbtmp4.0/24, ML4.1/4, MS3.1/5, Ms1.3/1.5, ms1mx2.7/42, Error ellipse: s-maj=15.8km s-min=14.4km az=128.0

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

ISCJB 07 03:40:21.8.0.4, 34.21N, 0.04:74.04E, 0.04, h26km, n105, s=198/111, mb4.2/26, MS3.2/3, Southwestern Kashmir

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

Table of astronomical observations for 7d 6h, listing stations like MARD, DARE, DARE, DARE, etc., with columns for time, position, and other parameters.

Table of astronomical observations for 2010 NOV, listing stations like LPSR, LPSR, BURAI, etc., with columns for time, position, and other parameters.

Table of astronomical observations for 330, listing stations like TORD, ILAR, ARCES, etc., with columns for time, position, and other parameters.

GJJK	Gjilan	0.07 59	P	Pg	07 56 52.1 -0.5	KUBS	Kucevo	2.72 23	ePn	Pn	07 57 14.7 -1.2	BOJS	comp=Z,315nm,1.4s	iSg	Sg	07 59 16.4 +1.7	
GJJK	Gjilan	0.07 59	P	Sb	07 57 07.2 +0.4	THL	Klokotos Trika	2.72 149	ePB	Pn	07 57 15.7 -0.1	SIGR	SIGRI	5.08 120	ePn	Pn	07 57 49.5 +1.2
SMRK	Smrekonice	1.10 30	P	Pb	07 56 53.9 +0.2	THL	Klokotos Trika	2.72 149	P	Pn	07 57 16.1 +0.3	SIGR	SIGRI	5.08 120	ePn	Pn	07 57 49.5 +1.2
CEME	Cevo	1.14 304	iP/Pg	Sn	07 57 10.2 +0.8	THL	Klokotos Trika	2.72 149	P	Sn	07 57 16.1 +0.3	BEHE	Becsehely	5.18 333j	eSg	Pn	07 57 51.3 +1.7
CEME	Cevo	1.14 304	iP/Pg	Pb	07 56 51.9 -2.0	NVR	Neurokopi	2.80 100	ePn	Pn	07 57 17.9 +0.4	BEHE	Becsehely	5.18 333j	ePn	Pn	07 57 51.3 +1.7
CEME	Cevo	1.14 304	iP/Pg	Pb	07 57 10.8 +0.8	NVR	Neurokopi	2.80 100	P	Pn	07 57 17.4 +0.4	BEHE	Becsehely	5.18 333j	ePn	Pn	07 58 51.7
NKME	Niksic	1.26 313	iP/Pg	Sn	07 56 54.2 -1.5	NVR	Neurokopi	2.80 100	P	Sn	07 57 17.4 +0.4	PKS7	Kunszentmiklos	5.19 352	eSg	Sn	07 58 49.6 0.0
NKME	Niksic	1.26 313	iP/Pg	Sn	07 57 15.0 +2.2	NVR	Neurokopi	2.80 100	P	Sn	07 57 17.4 +0.4	PKS7	Kunszentmiklos	5.19 352	eSg	Sn	07 58 49.6 0.0
NKME	Niksic	1.26 313	iP/Pg	Sn	07 56 54.2 -1.5	NVR	Neurokopi	2.80 100	ePn	Pn	07 57 17.9 +0.4	DRGR	DRGR	5.20 191	P	Pn	07 57 50.6 +0.6
NKME	Niksic	1.26 313	iP/Pg	Sn	07 56 54.3 -1.7	SGR	Sgolgore (BA)	2.86 249	ePn	Pn	07 57 18.2 +0.5	DRGR	DRGR	5.20 191	P	Pn	07 57 50.6 +0.6
NKY	Niksic	1.27 316	iP/Pg	Sn	07 57 15.3 +2.2	DSL	Palaion Diasel	2.86 166	ePB	Pn	07 57 19.2 +2.3	PRK	Paraskevi	5.34 118	ePn	Pn	07 57 53.2 +1.4
NKY	Niksic	1.27 316	iP/Pg	Sn	07 56 54.2 -1.7	DSL	Palaion Diasel	2.86 166	P	Pn	07 57 19.2 +2.3	DYR	Agios Nikonas	5.40 161	P	Pn	07 57 53.9 +1.2
NKY	Niksic	1.27 316	iP/Pg	Sg	07 57 13.0 +0.3	DSL	Palaion Diasel	2.86 166	P	Pn	07 57 19.2 +2.3	VISS	Vissnje	5.49 317	iPn	Pn	07 57 55.1 +1.4
NKY	Niksic	1.27 316	iP/Pg	Sg	07 56 54.3 -1.7	PLG	Polygyros	2.90 121	ePB	Pn	07 57 18.1 +0.8	VISS	VISS	comp=Z,279nm,1.7s	iSg	Sg	07 59 25.6 -2.5
SJES	Sjenica	1.36 353	eP/Pg	Pg	07 56 57.3 +0.1	PLG	Polygyros	2.90 121	P	Pn	07 57 18.9 +0.6	MLR	Muntele Rosu	5.49 47	Pn	Pn	07 57 55.5 +1.5
SJES	Sjenica	1.36 353	eP/Pg	Pg	07 57 16.2 +0.5	PLG	Polygyros	2.90 121	P	Pn	07 57 18.9 +0.6	MLR	Muntele Rosu	comp=Z,0.5nm,0.3s,baz=286,slow=3,SNR=13	Sn	Sn	07 58 57.7 +0.4
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 56 56.2 -1.1	CVT	Castel del Mon	3.06 256	ePn	Pn	07 57 20.2 -0.3	MLR	Muntele Rosu	comp=Z,0.7nm,0.3s,baz=138,slow=12,SNR=7.3	Pn	Pn	07 57 55.5 +1.5
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 57 18.5 +2.3	EVR	Evyrtania	3.24 157	ePB	Pn	07 57 25.7 +2.7	MLR	Muntele Rosu	5.49 47	P	Pn	07 58 57.7
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 56 55.8 -1.5	EVR	Evyrtania	3.24 157	P	Pn	07 57 24.4 +1.4	MLR	Muntele Rosu	5.49 47	P	Pn	07 58 57.7
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 57 17.0 +0.8	EVR	Evyrtania	3.24 157	P	Pn	07 57 24.4 +1.4	MLR	Muntele Rosu	5.49 47	P	Pn	07 58 57.7
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 56 55.8 -1.5	MAKR	Makrakomi, Fth	3.25 152	ePn	Pn	07 57 23.6 +0.4	MLR	Muntele Rosu	comp=N,1.0nm,0.3s	smax	smax	
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 56 56.2 -1.1	MAKR	Makrakomi, Fth	3.25 152	ePn	Pn	07 57 24.2 +1.0	MLR	Muntele Rosu	comp=N,1.0nm,0.3s	smax	smax	
HCY	Herceg Novi	1.37 293	iP/Pg	Pg	07 57 18.5 +2.3	MAKR	Makrakomi, Fth	3.25 152	ePn	Pn	07 57 23.6 +0.4	MLR	Muntele Rosu	5.49 47	P	Pn	07 57 55.5 +1.5
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 58.0 -0.3	MAKR	Makrakomi, Fth	3.25 152	ePn	Pn	07 57 24.2 +1.0	DOPR	Dopca	5.52 41	iP/Pg	Pn	07 57 55.6 +1.3
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 +0.8	FGSL	Fruska Gora	3.25 352	ePn	Pn	07 57 20.1 +2.3	DOPR	Dopca	5.52 41	iP/Pg	Pn	07 57 55.6 +1.3
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	FRGS	Fruska Gora	3.25 352	ePn	Pn	07 57 23.2 0.0	PKST	T's	5.56 345j	eSg	Pn	07 57 57.7 +0.8
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	FYTO	Fytoko, Volos	3.26 139	P	Pn	07 57 23.6 +0.4	PKST	T's	5.56 345j	eSg	Pn	07 57 57.7 +0.8
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	FYTO	Fytoko, Volos	3.26 139	P	Pn	07 57 23.6 +0.4	ISR	Isritra	5.62 53	iP/Pg	Pn	07 57 58.1 +2.4
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	ISR	Isritra	5.62 53	iP/Pg	Pn	07 57 58.1 +2.4
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	ISR	Isritra	5.62 53	iP/Pg	Pn	07 57 58.1 +2.4
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 23.0 -0.3	CSKK	CS *kakko	5.62 346	ePn	Pn	07 57 58.5 +2.8
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	CSKK	CS *kakko	5.62 346	ePn	Pn	07 57 58.5 +2.8
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	CSKK	CS *kakko	5.62 346	ePn	Pn	07 57 58.5 +2.8
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	BUD	Budapest	5.63 352	eSg	Pn	07 59 01.4 +0.7
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	BUD	Budapest	5.63 352	eSg	Pn	07 59 01.4 +0.7
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	BUD	Budapest	5.63 352	eSg	Pn	07 59 01.4 +0.7
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
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FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 18.0 -0.1	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 57 19.0 +0.9	OUR	Ouranopolis	3.27 118	ePn	Pn	07 57 24.0 +0.7	LJU	Ljubljana	5.60 317	ePn	Pn	07 58 00.2 +1.9
FNA	Florina	1.44 141	eP/Pg	Pg	07 56 57.9 -0.3	OUR	Ouranopolis	3.27 118	ePn	Pn</							

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HINF, HNF, HNF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ZALV, MKAR, TLY, etc.

IDC 07 09:05:45.9:8.5, 19:66Sx177.34W, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.4/17, mbtm3.3/3, Error ellipse: s-maj=369.3km s-min=42.9km az=144.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ASAR, WRA, ILAR, etc.

ISC/JB 07 09:25:59.0:0.6, 10:57N;0:05:62:50W;0:03, h7km, 7km, Error ellipse: s-maj=8.6km s-min=4.6km az=158.4

TRN 07 09:26:01.7, 10:67N;62:38W, h7km, MD3.2 FUNV 07 09:26:02.0, 10:51N;62:48W, h5km, MW3.0

ISC 07 09:25:59.1:3, 10:57N;0:05:62:49W;0:04, h82km, 9km, h16, +857/28, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GUVI, GUNV, TCE, etc.

ISC/JB 07 09:38:08.9:0.6, 75:00N;0:07:133:8E;0:3, h10km, mb3.6/9, MS3.1/18, Error ellipse: s-maj=11.9km s-min=9.7km az=175.9

MOS 07 09:38:08.4:2.2, 75:12N;133:17E, h10km, mb4.0/5, Error ellipse: s-maj=61.1km s-min=19.4km az=86.9

IDC 07 09:38:08.5:0.8, 75:04N;134:27E, h0km, mb3.7/8, mb1.3/2.0, mb1mx3.6/47, mbtm3.6/8, MS3.2/20, MS1 3.2/2.0, ms1mx3.1/45, Error ellipse: s-maj=40.3km s-min=18.5km az=154.0

YARS 07 09:38:10.1:1.6, 73:78N;0:06:137:1E;0:2, h10km, MSV3.2

ISC 07 09:38:10.6:0.7, 75:05N;0:08:133:57E;0:09, h10km, n38, +173/19, mb3.6/10, MS3.2/18, 1C, Laptev Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like BTGS, MOMR, UNR, etc.

7d 11h

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

GUC 07 10:19:15.2,0.3,35.10S;71.82W, h51km,2km, ML3.9
ISC 07 10:19:12.8,2.6,35.08S;070.72,1W,0.1,h11km,14km,
n22,-28.37/37, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TALC Talca, CHPI Pichilemu, NICH Los Niches, etc.

ISC/JB 07 10:29:11.5,0.5,52.2N;01.178.76W;0.09,h149km,6km,
mb3.5/6, Error ellipse: s-maj=22.6km s-min=8.2km
az=167.4

NEIC 07 10:29:12.9,52.23N;178.62W, h135km, MG3.7(AEIC),
After AECIC
IDC 07 10:29:13.2,6.6,52.20N;178.76W, h152km,61km, mb3.3/6,
mb1.3/7.8, mb1mx3.3/39, mbtmp4.0/8, Error ellipse:
s-maj=31.7km s-min=18.0km az=4.0

ISC 07 10:29:12.3,0.8,52.1N;01.2-0.178.75W;0.07,h144km,7km,
n41,-0.81/41, mb3.5/6, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GANE Gareloi Norte, GALAA Gareloi Latha, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H06N1 SOCORRO T-PHASE1, CMAR Chiang Mai Arr, etc.

IDC 07 10:53:13.2,5.4,36.73N;31.00E, h60km,54km, mb3.3/3,
mb1.3/2.4, mb1mx3.0/44, mbtmp3.4/4, ML2.8/1, Error
ellipse: s-maj=80.8km s-min=24.4km az=143.0,
ISC/JB 07 10:53:15.6,0.4,37.19N;01.033;0.03,h96km,4km,
mb3.5/3, Error ellipse: s-maj=5.3km s-min=4.1km
az=169.3

DDA 07 10:53:15.0,37.18N;30.57E, h97km, MD3.2
ISK 07 10:53:15.6,37.22N;30.54E, h88km, MD3.2
CSEM 07 10:53:16.8,0.1,37.22N;30.56E, h85km,1km, MD3.2,
Error ellipse: s-maj=2.6km s-min=2.1km az=0.0,
ISC 07 10:53:16.4,0.0,37.21N;01.033;0.03,h88km,5km,
n70,-0.674/97, mb3.7/3, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH 370nm,7.8s, KSH 260nm,7.5s, etc.

WEL 07 11:03:26.8,0.1,43.64S;-172.35E, h5km, ML3.7/17.1C,
Error ellipse: s-maj=1.2km s-min=0.8km az=0.0, South
Island

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

Table with 5 columns: DCZ/APZ, Deep Cove/The Paps, 4.14 242/4.44 222, AML/PN, AML/Pn, 11 05 44.5/11 04 33.3 -1.5

IDC 07 11:04:58.8, 1.9, 14.96Sx172.06E, h629km, 24km, mb3.1/10, mb1.3/3.11, mb1mx3.0/38, mbtmp4.2/11, Error ellipse: s-maj=17.9km s-min=14.0km az=142.0

ISC 07 11:04:57.0, 0.9, 14.93S, 172.02E, 0.2, h600km, n15, r+146/10, mb3.6/10, 1C-2D, Vanuatu Islands region

Main table for Vanuatu Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

ISCBJ 07 11:14:02.9, 1.5, 32.15N, 0.06, -117.62W, 0.07, h5km, 8km, Error ellipse: s-maj=11.8km s-min=7.5km az=136.6

ECX 07 11:14:03.6, 0.5, 32.11N, -117.69W, h10km, MD2.6, ML2.8

NEIC 07 11:14:04.4, 32.21N, -117.67W, h6km, ML2.8 (PAS), After PAS.

ISC 07 11:14:04.3, 2.1, 32.14N, 0.06, -117.57W, 0.08, h11km, n11, r0994/17, 1C-2D, California-Baja California border region

Main table for California-Baja California border region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

MAN 07 11:25:31, 19.43N, 121.90E, h59km, mb4.7, ML3.6, MS3.6, 1C, Philippine Islands

Main table for Philippine Islands with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

ISCBJ 07 11:31:18.7, 0.2, 22.18S, 0.05, 179.66W, 0.05, h600km, mb4.5/66, Error ellipse: s-maj=7.5km s-min=4.9km az=137.1

BUI 07 11:31:19.4, 22.25S, 179.79W, h602km, mb4.6/17, mb4.8/11

NEIC 07 11:31:20.0, 0.6, 22.10S, 179.66W, h600km, 7km, mb4.6/57, Error ellipse: s-maj=8.6km s-min=5.2km az=135.0

IDC 07 11:31:21.5, 2.3, 22.10S, 179.68W, h620km, 2.7km, mb3.5/14, mb1.3/6.14, mb1mx3.4/33, mbtmp4.4/14, Error ellipse: s-maj=13.6km s-min=11.5km az=167.0

MOS 07 11:31:22.7, 2.2, 21.87S, 179.86W, h601km, mb4.7/18, Error ellipse: s-maj=14.9km s-min=11.7km az=65.6

ISC 07 11:31:19.5, 0.3, 22.27S, 0.06, 179.59W, 0.07, h600km, n224, r1192/232, mb4.5/72, 3C-10D, South of Fiji Islands

Main table for South of Fiji Islands with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

Main table for 2010 NOV with columns: CTAO, Charters Tower, 31.89 267, P, P, 11 36 57.9 +0.4

Main table for 2010 NOV with columns: SCM, comp=Z, 399nm, 2.4s, 87.70 15, eP, P, 11 43 04.7 -0.3

7d 17h

2010 NOV

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations like VLS Valsamata, KZK Kozani, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations like MRKA Markates, DYR Agios Nikonas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations like Ms1 2.6/1, Ms1mx2.2/37, Error ellipse: s-maj=40.7km, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM, EKSZ, ULN, MKAR, MJAR, USRK, GEYT, KURB, KURK, ZALV, BVAR, ABKAR, KBZ, BRTR, BOS, FINES, GERES, TXAR.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LVC, PB09, PB06, PB07, PB04, PB01, PB10, PB11.

ISK 07 17:28:39.2, 37.84N, 27.49E, h5km, MD2.3
DDA 07 17:28:39.9, 37.87N, 27.49E, h7km, MD2.7
ISCJB 07 17:28:40.2, 0.5, 37.88N, 0.03, 27.50E, 0.03, h11km, 5km,
Error ellipse: s-maj=5.6km s-min=4.1km az=25.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GCAM, AYDB, AYDN, AYDM, DGB, IZM, IZM, BDRM, UURL, UURL, ZB, AKS, AKS, MANT, MANT, KULA, KULA.

ISCJB 07 17:32:12.4, 0.6, 22.04N, 0.05, 108.53W, 0.04, h10km,
mb4.2/18, MS3.8/22, Error ellipse: s-maj=7.3km
s-min=4.7km az=23.9

IDC 07 17:32:12.8, 1.0, 22.16N, 108.61W, h0km, mb3.9/5,
mb1.4, 1/11, mb1mx3.9/43, mbtmp3.9/11, ML3.5/6, MS3.8/29,
Ms1.3/29, ms1mx3.7/35, Error ellipse: s-maj=35.1km
s-min=16.1km az=56.0

NEIC 07 17:32:13.9, 0.7, 22.41N, 108.38W, h10km, mb4.3/29,
Error ellipse: s-maj=13.8km s-min=7.3km az=57.0

MEX 07 17:32:14.8, 0.6, 22.44N, 108.43W, h15km, 11km, MD4.2
ISC 07 17:32:12.8, 0.8, 22.12N, 0.08, 108.74W, 0.07, h10km,
n216, s191/171, mb4.3/18, MS3.8/22, Off coast of central

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SLBS, MAIG, MAIG, LPIG, LPIG, LPIG, ANIG, ANIG, ANIG, TXAR, TXAR, MNTX, MNTX, TUC.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like 121A, 121A, 632A, 430A, 431A, 532A, 530A, 229A, 331A, 432A, 128A, 129A, 534A, 433A, 332A, LPM, LAZ, Z28A, 333A, 232A, Y12C, Z29A, 434A, MSTX, BC3, ANMO, W18A, Z30A, PDMC, 334A, 233A, ABTX, Y29A, IRM, PFO, BELC, Z31A, WUAZ, WUAZ, 133A, 335A, 234A, X29A, Z32A, Y31A, CMIG, X30A, W29A, Y32A, X31A, TUQ, X32A, GSC, MVCO, MVCO, W31A, U27A, Y34A, SHPR, W32A, T25A, 137A, Z36A, S22A, V31A, X34A, SDCO, SDCO, MPMC, CCUT, ISA, PV01, T28A, X35A, Y36A, S26A, TPNV, PV04, X36A.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like S28A, Y37A, GRAC, W35A, V34A, V34A, R27A, W36A, SRU, Y38A, Q24A, X37A, V35A, R11A, R28A, T32A, TMUT, U34A, W37A, T33A, Y39A, X38A, V36A, U35A, KSCO, KSCO, TUL1, TUL1, ISCO, ISCO, Q28A, W38A, O20A, O20A, Q29A, S33A, V37A, NVAR, NVAR, DUG, DUG, U37A, V38A, P29A, CTU, P30A, N23A, R34A, U38A, BGU, T37A, Q33A, S36A, ELK, ELK, R35A, Q34A, HWUT, S37A, R36A, KSU1, Q35A, P34A, O33A, K22A, K22A, BW06, REDW, SNOW, TPWA, K28A, LOHW, MOOW, J26A, IMW, K30A, WVOR, HLID, FLWY, K31A, J28A, I25A, H17A, M04C.

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Table with columns: Jd, Station Name, Az, El, P, Time, Res. Includes stations like Dallas, Yreka Blue Hor, MCKentz Canyo, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like SCPH, MSLP, MSPL, Palo, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like MBIG, Mexicali, MBIG, Cero Prieto, etc.

Duration: 1s6 Moment tensor: Scale 10^17Nm; M=0.62±0.03; Mw=3.36±0.04; Ms=2.73±0.04; Mn=0.92±0.03; Mv=0.09±0.04; Mb=1.69±0.03; Best double couple; M=3.640000x10^17 Np1=311.000000, s79.000000, λ148.000000, NP2=48.000000, s89.000000, λ13.000000, Principal axes: T 3.7070, P1g30.0000, Azm265.0000; N -0.1390, P1g57.0000, Azm114.0000; P -3.5740, P1g13.0000, Azm3.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISC 07 19:25:49.5 0.2 24.743N, 0.03 141.75E, 0.03, h120km, 1km, h1215, s=154/1359, mbs.5/325, 46c-33D,

Volcano Islands region

Table with columns: Code, Station Name, Δ, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations including Haha-jima-NKT, Chichi jima, Sarigan, Hachioji jima, etc.

Main seismic event table with columns: SEID, Station Name, SNR, Time, Res, ISC. Lists stations like SEHW, KSSW, KSSV, JNB, etc.

Table with columns: YSS, Station Name, Time, Res, ISC. Lists stations like YSS, GUIM, MATI, etc.

7d 19h

Table with columns: MYLDM, Lahad Datu, 29.43 233, eP, P, 19 32 43.7 +1.7, etc. Lists various locations and their corresponding data points.

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Table with columns: BKB, Balikpapan, 35.12 227, P, P, 19 33 33.0 +1.3, etc. Lists various locations and their corresponding data points.

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Table with columns: CHTO, Chiang Mai, 40.06 271, P, P, 19 34 14.4 +1.1, etc. Lists various locations and their corresponding data points.

ASAR	Alice Springs	48.41 190	P	P	19 35 18.1 -1.5
ASAR	comp-Z,3.7nm,0.4s,baz=14,slow=14,SNR=77				
ASAR	ScP				19 40 28.1 +0.1
ASAR	comp-Z,5.5nm,0.9s,baz=5.2,slow=3.7,SNR=8.0				
ASAR	S				19 42 08.9 -2.5
ASAR	LR				19 55 19.3
ASAR	comp-Z,288nm,20.9s,baz=18,slow=35				
ASAR	P'P'df				20 06 15.4 -7.1
ASAR	comp-Z,0.5nm,0.7s,baz=185,slow=5.2,SNR=4.7				20 12 58.8
ASAR	P4KPbc				
GSI	comp-Z,0.2nm,0.5s,baz=7.1,slow=4.3,SNR=8.1				19 35 20.7 +0.3
GSI	Gunungsitoli	48.48 249	eP	S	
GSI	comp-Z,2.68nm,1.1s				19 35 16.3 -4.1
GSI	Gunungsitoli	48.48 249	eP	P	
GSI	comp-Z,2.94nm,1.3s				19 35 28.6 +0.1
SISI	Saibi	48.65 244	eScP	ScP	
SISI	comp-Z,96nm,0.9s				19 40 23.0 +1.3
ODAN	Odare	48.75 285	eP	P	
ODAN	comp-Z,300nm,0.9s				19 35 23.7 +1.1
AKUT	Akutan	48.76 38	eP	P	
AKUT	comp-Z,533nm,1.3s				19 35 21.4 -0.6
RAMN	Ramite	49.43 285	eP	P	
RAMN	comp-Z,1105nm,0.6s				19 35 28.8 +1.0
GUN	Gumba	49.90 287	eP	P	
GUN	comp-Z,286nm,0.6s				19 35 32.8 +1.3
MBWA	A Marble Bar	50.12 207	eP	P	
MBWA	comp-Z,35nm,1.0s				19 35 29.8 -2.9
MBWA	LR				
FALS	False Pass	50.27 38	eP	P	
FALS	comp-Z,175nm,1.3s				19 35 30.8 -2.7
PKI	Pulchoki	50.37 286	eP	P	
PKI	comp-Z,109nm,0.5s				19 35 35.7 +0.7
PKIN	Pulchoki	50.38 286	eP	P	
PKIN	comp-Z,280nm,0.3s				19 35 35.6 +0.6
KKN	Kakani	50.44 287	eP	P	
KKN	comp-Z,41nm,0.3s				19 35 36.4 +1.0
DMN	Daman	50.62 286	eP	P	
DMN	comp-Z,101nm,0.6s				19 35 37.6 +0.7
BOK	Bokoro	50.69 282	eP	P	
BOK	comp-Z,324nm,1.9s				19 35 37.5 +0.4
BOK	AMB				19 35 40.8
GKN	Gorkha	50.97 287	eP	P	
GKN	comp-Z,48nm,0.4s				19 35 40.3 +1.0
ZAAO	Zalesovo Array	51.26 321	eP	P	
ZAAO	comp-Z,109nm,0.5s				19 35 39.3 -1.6
ZAAO	ScP				19 40 39.5 -0.2
ZALV	Zalesovo Beam	51.26 321	eP	ScP	
ZALV	comp-Z,2.0nm,0.7s,baz=109,slow=7.0,SNR=5.7				19 35 39.9 -1.3
ZALV	PcP				19 36 07.4 -1.6
ZALV	comp-Z,3.8nm,0.4s,baz=119,slow=5.4,SNR=4.1				19 36 55.0 +0.7
ZALV	ScP				19 40 40.0 +0.3
ZALV	comp-Z,7.2nm,0.8s,baz=106,slow=4.8,SNR=5.7				19 59 00.9
DANN	Dangsing	51.67 288	eP	P	
DANN	comp-Z,559nm,19.4s,baz=64,slow=38				19 35 46.2 +1.5
MK01	Makanchi Array	51.89 311	eP	P	
MK01	comp-Z,106nm,0.7s				19 35 45.3 -0.4
MKAR	Makanchi Array	51.89 311	eP	P	
MKAR	comp-Z,19nm,0.4s,baz=88,slow=9.1,SNR=246				19 35 45.9 +0.1
MKAR	ScP				19 40 43.1 +0.4
MKAR	comp-Z,4.3nm,1.0s,baz=90,slow=15,SNR=5.9				19 42 58.3 -1.0
MKAR	LR				20 00 46.9
MKAR	comp-Z,332nm,18.4s,baz=96,slow=39				19 35 45.9 +0.1
MKAR	Makanchi Array	51.89 311	eP	P	
MKAR	comp-Z,19nm,0.4s				19 42 58.3 -1.0
MKAR	SMAX				
MKAR	comp-N,4.0nm,1.0s				
MKAR	MLR				
KOLN	Koldanda	51.91 287	eP	P	
KOLN	comp-Z,332nm,18.4s				19 35 47.4 +1.0
TNA	Tin City	51.97 24	eP	P	
TNA	comp-Z,19nm,0.6s				19 35 48.8 +2.9
SDPT	Sand Point	52.03 38	eP	P	
SDPT	comp-Z,149nm,1.2s				19 35 47.3 +0.8
DZM	Mont Dzumac	52.09 151	eP	P	
DZM	comp-Z,74nm,1.4s				19 35 47.4 0.0
DZM	eP				19 36 15.9 +0.2
DZM	comp-Z,237nm,1.7s				19 43 02.3 -0.1
DZM	eLQ				19 48 48.5
DZM	comp-Z,497nm,24.9s				
DZM	eLR				19 50 54.8
MAKZ	Makanchi	52.11 311	eP	ScP	
MAKZ	comp-Z,19nm,0.6s				19 35 47.7 +0.3
NVS	Novosibirsk	52.34 321	eP	S	
NVS	comp-Z,451nm,1.3s				19 40 45.4 +1.8
NVS	eS				19 35 47.9 -1.0
NVS	comp-Z,44nm,1.8s				19 43 05.5 +0.4
NVS	PMAX				
NVS	comp-E,56nm,2.0s				
NVS	SMAX				
NVS	comp-E,41nm,2.2s				
NVS	SMAX				
CHGN	Chignik	53.36 37	eP	P	
CHGN	comp-N,37nm,2.6s				19 35 56.9 +0.6
CHLP	Challavanipeta	53.70 276	eP	P	
CHLP	comp-Z,275nm,1.4s				19 36 00.2 +0.9
CHLP	IAMB				19 36 01.9
KURK	Kurchatov	54.59 316	eS	S	
KURK	comp-Z,110nm,1.1s				19 43 20.9 -3.5
KURK	PMAX				19 36 03.7 -1.6
KURK	MLR				
KURK	comp-Z,2.2um,22.0s				
KURK	Kurchatov	54.59 316	eP	P	
KURK	comp-Z,177nm,0.9s,SNR=16				19 36 05.6 +0.2
KURK	Kurchatov	54.59 316	eP	P	
KURK	comp-Z,110nm,1.1s				19 36 03.7 -1.6
KURK	LR				
KURK	comp-Z,2.2um,22.0s				
VIS	Vishakhapatnam	54.59 275	eP	P	
VIS	comp-Z,81nm,0.6s				19 36 05.4 -0.5
VIS	AMB				19 36 09.2
MSVF	Nonsavu	54.86 136	eP	P	
MSVF	comp-Z,72nm,1.4s				19 36 05.9 -1.9
MSVF	MLR				
MSVF	comp-Z,1.1um,22.0s				
MSVF	Nonsavu	54.86 136	eP	P	
MSVF	comp-Z,72nm,1.4s				19 36 05.9 -1.9
MSVF	LR				
ARMA	Armidale	55.36 170	eP	P	
ARMA	comp-Z,18nm,1.2s				19 36 11.9 +0.7
SVW2	Sparrevohn	55.75 31	eP	P	
SVW2	comp-Z,104nm,1.2s				19 36 15.6 +2.0
TTA	Tatalina	55.95 29	eP	P	
TTA	comp-Z,110nm,1.1s				19 36 15.1 +0.1
ULHL	Ulthol	56.21 306	eP	P	
ULHL	SNR=39				19 36 19.4 +2.0
DDI	Dehra Dun	56.23 291	eP	P	
DDI	comp-Z,13nm,0.2s				19 36 17.3 -0.2
PVM	Polavaram	56.28 275	eP	IAMB	
PVM	comp-Z,255nm,1.5s				19 36 18.2 +0.3
PVM	eS				19 36 20.2
PVM	comp-Z,194nm,0.6s				19 44 00.6 +1.6
OHAK	Old Harbor	56.29 36	eP	P	
OHAK	comp-Z,244nm,1.2s				19 36 18.0 +0.6
KSH	Kashi	56.63 302	iP	P	
KSH	comp-Z,87nm,1.2s				19 36 25.1 +4.7
KSH	sP				19 37 09.5 +7.2
KSH	PcP				19 37 16.2 +0.9
KSH	PP				19 38 33.9 +6.5
KSH	PcS				19 41 19.3 +3.0
KSH	S				19 44 10.8 +7.4
KSH	PMZ				
KSH	comp-Z,290nm,6.3s				
KSH	LN				
KSH	comp-Z,1.1um,18.5s				
KSH	LE				
KSH	comp-Z,490nm,13.9s				
KSH	LZ				
KSH	comp-Z,500nm,13.3s				
TKM2	Tokmak 2	56.65 306	P	P	
TKM2	SNR=98				19 36 22.0 +1.5
TKM2	Tokmak 2	56.65 306	PFAKE		
TKM2	comp-Z,264nm,18.4s,baz=95,slow=39				19 36 30.0 +9.5

TKM2	comp-Z,657nm,20.0s				
KDAK	Kodiak Island	56.74 36	P	P	
KDAK	comp-Z,336nm,1.4s				19 36 18.7 -1.8
KDAK	MLR				
KDAK	comp-Z,3.2um,22.0s				
KDAK	Kodiak Island	56.74 36	P	P	
KDAK	comp-Z,903nm,1.3s,SNR=15				19 36 22.0 +1.5
KDAK	Kodiak Island	56.74 36	P	P	
KDAK	comp-Z,336nm,1.4s				19 36 18.7 -1.8
KDAK	LR				
KDAK	comp-Z,3.2um,22.0s				
SMLA	Simla	56.83 292	iP	P	
SMLA	comp-Z,120nm,1.8s				19 36 22.5 +0.8
SMLA	Kzart	56.96 305	iP	S	
SMLA	SNR=46				19 44 06.5 +0.6
SMLA	West Island	56.99 235	PFAKE	P	
SMLA	comp-Z,1.1um,19.0s				19 36 30.0 +7.1
RSO	Redoubt South	57.00 33	eP	P	
RSO	comp-Z,2.1um,19.0s				19 36 23.6 +0.9
RSO	Karagaybulak	57.14 306	eP	P	
RSO	SNR=23				19 36 25.7 +1.8
BBOD	Bucklebo	57.18 186	eP	P	
BBOD	comp-Z,60nm,1.3s				19 36 21.3 -2.7
CHMS	Chumysh	57.26 307	eP	P	
CHMS	SNR=24				19 36 26.1 +1.5
NDI	New Delhi	57.26 289	ex	S	
NDI	comp-Z,120nm,1.8s				19 36 20.0 -4.8
NDI	DHARMASHALA	57.36 284	eP	S	
NDI	FRU	57.37 306	iP	P	
NDI	FRU				19 44 12.0 +0.3
NDI	FRU				19 36 24.0 +1.4
NDI	FRU				19 36 52.0
NDI	FRU				19 44 14.0
USP	Ospenovka	57.42 307	P	P	
USP	SNR=24				19 36 27.1 +1.4
SPU	Mount Spurr	57.45 32	eP	P	
SPU	comp-Z,40nm,0.5s				19 36 24.5 -1.1
AAK	Ala-Archa	57.48 306	iP	P	
AAK	comp-Z,325nm,0.5s,SNR=35				19 36 27.0 +0.7
AAK	Ala-Archa	57.48 306	P	P	
AAK	SNR=9.4				19 36 27.6 +1.3
AAK	Ala-Archa	57.48 306	P	P	
AAK	comp-Z,60nm,1.3s				19 36 27.8 +1.5
AAK	Ala-Archa	57.48 306	P	P	
AAK	comp-Z,914nm,20.0s				19 36 27.3 +1.0
UCH	Uchtor	57.49 306	P	P	
UCH	SNR=108				19 36 28.6 +1.8
CNPM	China Point	57.64 34	eP	P	
CNPM	comp-Z,242nm,1.2s				19 36 28.0 +1.1
PPLA	Purkeypile	57.66 30	eP	P	
PPLA	comp-Z,257nm,1.4s				19 36 28.1 +0.9
CAST	Castle Rocks	57.79 29	eP	P	

7d 19h

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like URZ Urewera, BKZ Black Stump Fm, THZ Topheze, etc.

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Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like LTY Liberty, VLL Laurance Lake, ETW Entiat, etc.

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Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like KIV Kislodovsk, ONI Oni, MOD Modoc, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ISA Isabella, ELK Elko, EGMT Eagleton, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like RAYN Ar Rayn, PFO Pinyon Flat Ob, NOA NORSAR Array B, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like E26A Carlson Angus, B28A Dugan Ranch, WUAZ Wupatki, etc.

7d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 522A 4UR Ranch, J27A Elkhorn Farm, I28A Midland, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GOPC GO Pecny, PRU Pruhonic, L29A Maesberg Ranch, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U27A Thompson Grove, BGNE Belgrade, BGNE Belgrade, etc.

Table with columns: JFWS, Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Jewell Farm, Elmer, Gordon, Harris, etc.

Table with columns: GOGA, Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Sonseca Array, San Pablo, Manteigas, etc.

Table with columns: KULA, Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Kula-Manisa, Demirci, Balikesir, etc.

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7d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urewera, Highlands Stat, Republican Roa, Utuhina, Mayor Island, Handcock Road, Plateau Road, Matawai, Allen Road, Rawiri, Tahuroa Road, Tauwhareparae, Pakihiroa, Karaka, Shannon Station, Tolley Road, Arani, Rimuhu, Puketiti, Matakaoa Point, Waomatatini S, Kuaotunu, Naumai, Carnagh Stat, Waihua, Black Stump Fm, Moutakai, Kokohu, Paritu Road, Waiheke Island, Far West T-bar, Black Hill Sta, Waihanao, Great Barrier, Kereru, Kahuranaki.

ISC 07 20:07:13.8-2.6, 11:09N:127.14E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/40, mbtmp3.5/4, MS3.0/1, Ms1 3.0/1, ms1mx2.5/26, Error ellipse: s-maj=230.7km, s-min=21.8km az=68.0

MAN 07 20:07:23.10:53N:126.01E, h24km, mb4.6, ML3.5, MS3.5

ISC 07 20:07:20.8-1.8, 10:56N:07:126:13E:0.10, h2km, 12km, n12, c133/13, mb3.4/4, 4C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Surigao, Palo, Lapu-Lapu, Bislig, Tagbilaran, Dipolog City, Roxas, Warramunga Arr, Alice Springs, Honiara, Makanchi Array, Zalesovo Beam.

ISC 07 20:08:46.1-1.6, 18:93S:172.99W, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.8/33, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=74.6km, s-min=23.0km az=146.0

ISC 07 20:08:51.1-1.2, 18:3S:0:2:173:4W:0.2, h35km, mb3.8/5, Error ellipse: s-maj=39.0km, s-min=11.9km az=32.5

ISC 07 20:08:52.3-1.3, 18:4S:0:2:173:3W:0.3, h35km, n7, c1512/7, mb3.8/5, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Warramunga Arr, Alice Springs, Mina Array, Lajitas Array, Eielson Arr, Keskin Array, Badajoz.

SJA 07 20:24:46.7-1.1, 30:28S:66:30W, h9km, 4km, ML2.6, MW3.8, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Punta de Los L, Chepes, Cerro La Cruz, Valle Fertill, Tanti, Mogna, Coronel Fontan, Cerro Villucun, San Martin, Vinchina, Cerro Valdivia, Leoncito, Uspallata.

ISC 07 20:30:08.1-1.1, 30:85N:84:18E, h0km, mb3.4/6, mb1 3.5/8, mb1mx3.3/35, mbtmp3.4/8, ML3.4/2, Error ellipse: s-maj=32.3km, s-min=21.7km az=59.0

ISC 07 20:30:10.8-1.0, 30:8N:0:1:84:2E:0.2, h33km, mb3.3/5, Error ellipse: s-maj=28.3km, s-min=14.2km az=151.4

ISC 07 20:30:13.1-1.1, 30:9N:0:2:84:3E:0.2, h35km, n8, c1528/8, mb3.4/5, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Chiang Mai Arr, Kurbs Kurchatov Arr, ZALV, SONM, NOA, WRA, TORO.

CSEM 07 20:37:06.8-0.1, 39:93N:8:35W, h15km, ML2.3/14, Error ellipse: s-maj=3.5km, s-min=1.7km az=93.0

MDD 07 20:37:07.6-0.5, 39:93N:8:40W, h11km, mbL2.0/7, Error ellipse: s-maj=5.5km, s-min=2.6km az=101.0, PRXIMO

INMG 07 20:37:07.9-1.6, 39:92N:8:41W, h10km, ML1.8, Error ellipse: s-maj=4.1km, s-min=2.6km az=96.0

LDG 07 20:37:07.3-0.1, 39:95N:8:43W, h5km, ML2.5/2, Error ellipse: s-maj=2.1km, s-min=1.3km az=90.0

IGIL 07 20:37:08.2-0.2, 39:92N:8:40W, h10km, ML1.9

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Casmilo, Conde, Tomar, Almeirim, Manteigas, Montargil, Viseu, Marv??, Mafrá.

ISC 07 20:37:08.2-0.2, 39:92N:8:40W, h10km, ML1.9

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nicolaou G, Lobios, Kurbs Kurchatov Arr, Zalesovo Beam, Sogino Array, NORSAR Array B, Warramunga Arr, Torodi Arr, Barrancos, Tomar, Almeirim, Manteigas, Montargil, Viseu, Marv??, Mafrá.

ISC 07 20:37:06.8-0.1, 39:93N:8:35W, h15km, ML2.3/14, Error ellipse: s-maj=3.5km, s-min=1.7km az=93.0

MDD 07 20:37:07.6-0.5, 39:93N:8:40W, h11km, mbL2.0/7, Error ellipse: s-maj=5.5km, s-min=2.6km az=101.0, PRXIMO

INMG 07 20:37:07.9-1.6, 39:92N:8:41W, h10km, ML1.8, Error ellipse: s-maj=4.1km, s-min=2.6km az=96.0

LDG 07 20:37:07.3-0.1, 39:95N:8:43W, h5km, ML2.5/2, Error ellipse: s-maj=2.1km, s-min=1.3km az=90.0

IGIL 07 20:37:08.2-0.2, 39:92N:8:40W, h10km, ML1.9

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39:93N:0:01:8:42W:0.03, h18km, 5km, n78, c111/19, 4D, Portugal

ISC 07 20:37:07.2-0.8, 39

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Agios Nikonas, Artemida-Makis, Kithira, etc.

ISCJB 07 23:54:28.70.0.6, 32.25N, 0.04:115.32W, 0.04, h0km, gkm, Error ellipse: s-maj=6.3km s-min=6.2km az=158.1

ECX 07 23:54:30.20.0.6, 32.25N, 115.33W, h6km, MD2.5, ML2.6 MEX 07 23:54:30.80.0.4, 32.32N, 115.22W, h12km, 34gkm, MD3.7

ISC 07 23:54:28.31.0.3, 32.26N, 0.03:115.30W, 0.04, h13km, 9km, n16, c#42/23, 5C-1D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro Prieto, Mexicali, Mount Signal, Erniees Place, etc.

ISCJB 08 00:05:07.10.0.4, 38.02S, 0.03:176.67E, 0.04, h15km, 4km, mb3.7/4, Error ellipse: s-maj=5.7km s-min=4.8km az=26.0

IDC 08 00:05:07.20.0.7, 38.08S, 176.40E, h136km, 7km, mb3.2/2, mb1.3/4.3, mb1mx3.2/24, mbtmp3.6/3, Error ellipse: s-maj=24.4km s-min=19.1km az=147.0

NEIC 08 00:05:09.37.94S, 176.67E, h138km, mb4.2/2, After WEL

ISC 08 00:05:09.30.0.2, 37.95S, 176.67E, h138km, 1km, ML4.4/2.0, Error ellipse: s-maj=1.2km s-min=1.0km az=0.0

ISC 08 00:05:09.0.0.8, 38.02S, 0.04:176.65E, 0.04, h145km, 5km, n125, c#15/132, mb3.7/4, 38C-3D, North Island

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

ISCJB 08 00:05:36.52.1.3, 35.14N, 144.86E, h0km, gkm, ML3.8

ISCJB 08 00:05:37.10.3.3, 35.07N, 144.85E, 0.03, h10km, n79, mb3.6/8, MS3.7/1, Error ellipse: s-maj=36.7km s-min=16.2km az=158.0

TEH 08 00:05:37.1.35, 06N, 144.65E, h1km, ML3.8

CSEM 08 00:05:38.30.2.35, 06N, 144.82E, h5km, ML3.8, Error ellipse: s-maj=5.9km s-min=3.5km az=36.0

ISK 08 00:05:55.6.36, 20N, 43.92E, h5km, ML3.0

ISC 08 00:05:37.0.6.35, 10N, 0.04:44.80E, 0.04, h10km, n79, c#137/69, mb3.6/8, IRaQ

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NGZ, MCHZ, CHateau Observ, etc.

IDC 08 00:05:35.7.1.2, 35.19N, 44.81E, h0km, mb3.6/8, mb1.3/7.12, mb1mx3.6/34, mbtmp3.6/12, ML3.6/3, MS3.1/2, Ms1.3/2.2, ms1mx2.4/26, Error ellipse: s-maj=36.7km s-min=16.2km az=158.0

ISCN 08 00:05:36.52.1.3, 35.14N, 144.86E, h0km, gkm, ML3.8

ISCJB 08 00:05:37.10.3.3, 35.07N, 144.85E, 0.03, h10km, n79, mb3.6/8, MS3.7/1, Error ellipse: s-maj=36.7km s-min=16.2km az=158.0

TEH 08 00:05:37.1.35, 06N, 144.65E, h1km, ML3.8

CSEM 08 00:05:38.30.2.35, 06N, 144.82E, h5km, ML3.8, Error ellipse: s-maj=5.9km s-min=3.5km az=36.0

ISK 08 00:05:55.6.36, 20N, 43.92E, h5km, ML3.0

ISC 08 00:05:37.0.6.35, 10N, 0.04:44.80E, 0.04, h10km, n79, c#137/69, mb3.6/8, IRaQ

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

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

KRNET 08 00:06:28.80.0.1, 39.52N, 73.94E, mb2.0

NINC 08 00:06:29.42.2.4, 39.81N, 74.02E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=33.9km s-min=12.4km az=22.0

ISC 08 00:06:28.80.0.1, 39.52N, 73.94E, 0.1, h10km, n6, c#15/10, 10C-2D, Tajikistan-Xinjiao border region

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

KK31 0.5nm,0.5s,baz=135,slow=28

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 08:00:14:06.5-1.6, 10.97S;165.31E, h0km, mb3.6/3, etc.

IDC 08:00:17:43.5-3.0, 12.63N-144.70E, h0km, mb3.4/5, ms1 3.2/8, ms1mx3.0/18, Error ellipse: s-maj=132.0km, s-min=21.0km az=85.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1S3 WAKE ISLAND Hy 21.96 72 T, H1S1 WAKE ISLAND Hy 21.98 72 T, etc.

WEL 08:00:40:59.3-0.1, 44.57S;167.67E, h5km, ML3.5/13, 3C-1D, Error ellipse: s-maj=1.0km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSZ Milford Sound 0.22 120 P, MSZ MSZ 0.00 0.0 S, MSZ MSZ 0.00 0.0 S, etc.

IGQ 08:00:56:00.0, 3.260S;77.27W, h2km, 126km, Mb4.0, 12D, Error ellipse: s-maj=3.5km s-min=2.1km az=31.4, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BPAT Tungurahua Vol 1.60 313 U, BPAT Tungurahua Vol 1.60 313 U, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BMAS Trigal station 1.63 312 U, BRUN Tungurahua Vol 1.64 316 U, etc.

ISCBJ 08:01:03:33.7-0.5, 32.26N;115.35W, h2km, 4km, Error ellipse: s-maj=4.0km s-min=3.9km az=159.9, NEIC 08:01:03:35.0, 32.26N;115.35W, h6km, ML2.0(E/CX), ML3.1(PAS), After ECX.

ECX 08:01:03:35.0-0.6, 32.25N;115.35W, h6km, MD2.9, ML3.2 MEX 08:01:03:35.0-0.5, 32.27N;115.18W, h24km, 6km, MD3.8

ISCB 08:01:03:36.6-0.8, 32.25N;115.34W;0.02, h16km, 6km, n32, e058/49, 10C-11D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPBX Cerro Prieto 0.17 11 E, CPBX Cerro Prieto 0.17 11 E, etc.

comp=E,29nm,0.2s comp=N,708nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MBIG Mexicali 0.19 38 E, MBIG Mexicali 0.19 38 E, etc.

comp=E,624nm,0.4s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLA Glamis 0.91 28 E, GLA Glamis 0.91 28 E, etc.

comp=N,530nm,0.3s

BER 08:01:09:24.4-2.5, 75.84N;7.39E, h24km, 58km, MD2.3, ML1.5, ML3.7(NAO)

CSEM 08:01:09:24.0-0.6, 75.90N;7.95E, h20km, ML3.7, Error ellipse: s-maj=14.4km s-min=7.0km az=84.0

NAO 08:01:09:26.3-0.5, 75.85N;8.32E, h2km, 61km, ML3.7

ISCB 08:01:09:21.4-2.0, 75.81N;0.07;7.8E;0.1, h10km, n1.8, e198/28, Greenland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HSPB Hornsund (broa) 2.19 53 P, HSPB Hornsund (broa) 2.19 53 P, etc.

comp=N,217nm,0.3s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S 8.19 131 P, ARAO ARCESS Array S 8.19 131 P, etc.

ISCBJ 08:01:11:35.8-0.5, 37.18N;0.02;89.81W;0.02, h4km, 3km, Error ellipse: s-maj=3.1km s-min=2.9km az=39.1

NEIC 08:01:11:37.0-3.7, 17N;89.74W, h10km, MN2.8, After CERL

NEIC Felt [I] at Cape Girardeau and Oran; [II] at Benton, Chaffee, Jackson and Marble Hill. Also felt at Bloomsdale, Delta, Fredericktown, Portageville, Saint Louis, Scott City,

Sedgewickville and Sikeston. Felt at Anna, Benton, Carbondale, Johnston City, Marion and Pittsburg, Illinois. Also felt at Clarksville and Memphis, Tennessee.

ISC 08:01:11:36.6-1.1, 37.18N;0.02;89.75W;0.02, h6km, 9km, n45, e133/81, Cape Girardeau region, Missouri

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PARMO Parma 0.51 180 Op, PARMO Parma 0.51 180 Op, etc.

border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HALT Halls 1.30 165 eP, HALT Halls 1.30 165 eP, etc.

comp=N,224nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YUH Yuha Desert 0.62 308 U, YUH Yuha Desert 0.62 308 U, etc.

comp=N,224nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPCT Cooper Cave 4.56 111 eP, CPCT Cooper Cave 4.56 111 eP, etc.

comp=N,224nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LRAL Lakeview Retre 4.71 151 eP, LRAL Lakeview Retre 4.71 151 eP, etc.

comp=N,224nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPBX Cerro Bola 0.15 12 E, CPBX Cerro Bola 0.15 12 E, etc.

comp=N,224nm,0.2s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S 8.19 131 P, ARAO ARCESS Array S 8.19 131 P, etc.

ISC 08:01:26:54.9-2.5, 4.88S;134.01E, h0km, mb3.6/1, ms1 3.8/5, ms1mx3.5/32, mbtmp3.7/5, ML3.5/4, MS3.2/1, ms1 3.2/1, ms1mx2.4/28, Error ellipse: s-maj=60.6km s-min=31.3km az=78.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, WRA Warrungarra Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 08 01:29:59.5, PCIG 1.68 341, etc.

IDD 08 01:37:00.3, 2.1, 51.12N, 176.64W, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.6/47, mbtmp3.8/8, ML2.2/2, MS2.9/3, Ms1 2.9/3, ms1mx2.6/32, Error ellipse: s-maj=64.2km, s-min=21.8km az=178.0

ISCJB 08 01:37:04.0, 8.0, 51.09N, 0.07:176.50W, 0.05, h48km, 9km, mb3.8/5, MS3.0/2, Error ellipse: s-maj=12.5km, s-min=5.0km az=169.8

NEIC 08 01:37:06.0, 51.17N, 176.52W, h45km, ML3.5(AEIC), After AEIC

ISC 08 01:37:05.6, 1.1, 51.11N, 0.1:176.51W, 0.04, h39km, 3km, n38, 087B/40, mb4.0/5, Andreano Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, KIRH Kanaga Island, ADAG Mount Adagad, etc.

IDD 08 01:43:22.6, 5.6, 24.52S, 179.87E, h502km, 59km, mb3.0/4, mb1 3.3/5, mb1mx3.0/6, mbtmp3.0/5, Error ellipse: s-maj=44.6km, s-min=26.9km az=29.0

ISCJB 08 01:43:23.2, 1.3, 24.4S, 0.1:179.9E, 0.2, h517km, mb3.7/3, Error ellipse: s-maj=25.6km, s-min=16.2km az=174.0

ISC 08 01:43:23.7, 1.2, 24.6S, 0.1:179.9E, 0.2, h517km, n7, n1600R, mb3.6/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, WRA Warrungarra Arr, TXAR Charters Tower, etc.

DDA 08 01:52:54.8, 39.16N, 41.00E, h7km, Md2.8

CSEM 08 01:52:54.9, 0.2, 39.15N, 40.97E, h2km, MD2.8, Error ellipse: s-maj=2.9km, s-min=2.7km az=6.0

ISK 08 01:52:54.7, 39.16N, 41.00E, h6km, MD2.8

ISCJB 08 01:52:55.1, 0.5, 39.17N, 0.02:40.97E, 0.03, h2km, 5km, Error ellipse: s-maj=4.2km, s-min=3.7km az=42.5

ISC 08 01:52:55.1, 1.39, 17N, 0.02:40.99E, 0.02, h7km, 9km, n32, 0859/51, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNGL BINGOL, BNGB Bing'li, VRTB Varto-Mus, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERZM Erzurum, EKAR Karacaban, EKOP Kop Dag, etc.

IDD 08 02:02:49.8, 2.2, 07.20N, 53.69E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.5/41, mbtmp3.6/8, ML3.0/1, MS2.8/5, Ms1 2.8/5, ms1mx2.5/40, Error ellipse: s-maj=50.1km, s-min=24.1km az=155.0

ISCJB 08 02:02:51.0, 6.0, 2.7, 04N, 0.05:53.72E, 0.06, h19km, mb3.6/6, MS3.2/2, Error ellipse: s-maj=8.6km, s-min=6.0km az=144.8

CSEM 08 02:02:52.1, 0.3, 27.08N, 53.90E, h2km, ML3.3, Error ellipse: s-maj=19.9km, s-min=6.2km az=59.0

DSN 08 02:02:52.2, 1.1, 27.40N, 53.95E, h34km, 41km, mb3.0/8, ML3.9/6, Error ellipse: s-maj=30.3km, s-min=7.9km az=137.0

ISC 08 02:02:52.0, 8.0, 26.97N, 0.05:53.80E, 0.06, h19km, n27, n153/28, mb3.6/7, 4C-2D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, BNDS Bandar-Abbas, BANOM Banah, etc.

IDD 08 02:07:33.6, 0.5, 39.32N, 0.02:24.00E, 0.03, h13km, 4km, Error ellipse: s-maj=4.1km, s-min=2.9km az=41.5

THE 08 02:07:33.5, 39.29N, 24.05E, h15km, 1km, ML2.5/5, Error ellipse: s-maj=1.2km, s-min=0.6km az=285.0

ATH 08 02:07:33.0, 39.30N, 24.05E, h27km, MD2.8/17, ML2.4

CSEM 08 02:07:34.0, 0.1, 39.30N, 24.00E, h15km, MD2.8, Error ellipse: s-maj=3.8km, s-min=2.9km az=134.0

ISK 08 02:07:34.5, 39.41N, 24.04E, h9km, MD2.8

ISC 08 02:07:33.9, 0.8, 39.30N, 0.02:24.03E, 0.02, h14km, 6km, n69, 0858/101, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOS Alonnissos, SKIA Skiathos, NEO Neokhori, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAIG Paliouri, PAIA Simia, SMIA Simia, etc.

IDD 08 02:24:06.6, 39.84N, 39.09E, h6km, MD2.5

CSEM 08 02:24:07.0, 4.0, 39.80N, 39.14E, h15km, MD2.5, Error ellipse: s-maj=4.5km, s-min=3.4km az=120.0

DDA 08 02:24:09.5, 39.89N, 39.05E, h7km, MD2.6

ISC 08 02:24:07.2, 1.2, 39.83N, 0.05:39.09E, 0.04, h5km, 19km, n12, 0853/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KELY Kelkit, REF Refahiye_ERZ, ERZN Erzurum, etc.

IDD 08 02:34:14.0, 37.11N, 27.45E, h8km, MD2.8

ISCJB 08 02:34:16.0, 0.7, 37.14N, 0.0:27.59E, 0.06, h14km, 7km, Error ellipse: s-maj=6.8km, s-min=6.4km az=5.9

DDA 08 02:34:16.8, 37.14N, 27.62E, h11km, MD2.7

CSEM 08 02:34:16.9, 0.5, 37.13N, 27.57E, h10km, MD2.7, Error ellipse: s-maj=12.0km, s-min=8.5km az=83.0

ISC 08 02:34:16.0, 1.5, 37.11N, 0.05:27.45E, 0.10, h26km, 10km, n16, 0855/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, BDRM Kayabasi, AYDN Tasoluk, etc.

IDD 08 02:34:46.6, 41.02N, 33.86E, h7km, Md2.6

ISK 08 02:34:46.6, 41.07N, 33.83E, h6km, MD2.7

ISCJB 08 02:34:47.0, 0.7, 41.08N, 0.05:33.81E, 0.08, h8km, 7km, Error ellipse: s-maj=12.3km, s-min=4km az=35.3

CSEM 08 02:34:47.0, 0.2, 41.07N, 33.80E, h8km, MD2.6, Error ellipse: s-maj=5.5km, s-min=2.8km az=126.0

ISC 08 02:34:46.8, 0.9, 41.08N, 0.04:33.81E, 0.04, h10km, 6km, n19, 0826/34, Turkey

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

Table with columns: YKA, WRA, DDA, CSEM, ISC. Includes station names like Yellowknife Arr, Warramunga Arr, and coordinates.

DDA 08 03:20:20.6 41.14N,34.38E h13km, Md2.9
ISK 08 03:20:21.1, 41.15N,34.35E, h2km, MD2.8
CSEM 08 03:20:21.0, 41.14N,34.39E, h2km, MD2.8, Error ellipse: s-maj=3.0km s-min=2.2km az=138.0

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TOSYA, BOYBAT, KASTAMONU, etc.

MAN 08 03:24:37.7, 21N,126.57E, h27km, mb4.5, ML3.3, MS3.2, 1D, Mindanao. Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC.

ISC/JB 08 03:35:20.3, 0.8, 51.55N, 0.03, 16.11E, 0.05, h0km, Error ellipse: s-maj=5.2km s-min=3.7km az=37.0
CSEM 08 03:35:21.8, 0.3, 51.55N, 16.11E, h2km, ML3.0/5, Error ellipse: s-maj=4.8km s-min=4.2km az=70.0

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

IDC 08 03:42:52.7, 4.1, 36.99N, 72.30E, h199km, 38km, mb3.4/5, mb1.3/2.1, mb1mx3.0/4.9, mbtmp3.8/1.1, Error ellipse: s-maj=50.5km s-min=28.6km az=136.0
NINC 08 03:42:59.1, 0.9, 37.68N, 71.77E, h182km, 6km, mb2.9, mpv4.1, Error ellipse: s-maj=8.7km s-min=3.4km az=158.0

ISC 08 03:42:58.8, 1.5, 37.77N, 0.1, 71.66E, 0.07, h200km, n31.0, 1523/23, mb3.6/5, 5C-7D, Afghanistan-Tajikistan border region

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like DZET, SFK, MNAS, AAK, etc.

DJA 08 03:52:39.9, 1.2, 3, 3, 12E, h20km, 16km, M3.9/15, mb4.2/1, MLV3.8/15, Sulawesi

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

IDC 08 04:05:08.2, 7.0, 5.82S, 148.98E, h132km, 53km, mb3.1/2, mb1.3/1.4, mb1mx2.9/33, mbtmp3.4/4, Error ellipse: s-maj=97.5km s-min=55.9km az=124.0, New Britain

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

AKASG Malin Array Be 145.61 329 PKPbc PKPab 04 28 38.0 +0.3
BRTR Keskin Array B 148.64 308 PKPbc PKPbc 04 28 31.7 -0.2

ISC/JB 08 04:09:28.0, 4.0, 32.39S, 0.03, 178.81W, 0.08, h35km, mb4.6/1.4, MS3.5/6, Error ellipse: s-maj=9.8km s-min=3.4km az=15.0

NEIC 08 04:09:32.1, 1.4, 32.21S, 178.71W, h54km, 12km, mb4.6/5, Error ellipse: s-maj=15.4km s-min=10.1km az=120.0

IDC 08 04:09:34.0, 3.1, 32.11S, 178.84W, h70km, 26km, mb4.2/9, mb1.4/4.1, mb1mx4.2/2.7, mbtmp4.5/1.1, MS3.4/9, Ms1 3.4/9, ms1mx3.3/2.3, Error ellipse: s-maj=20.6km s-min=18.6km az=113.0

AUST 08 04:09:44.4, 14.0, 33.50S, 179.51W, h161km, 1km, Error ellipse: s-maj=8.0km s-min=2.6km az=247.0

ISC 08 04:30:0.0, 5.0, 32.33S, 0.03, 178.77W, 0.1, h35km, n117, 1539/106, mb4.6/1.4, MS3.6/6, South of Kermadec Islands

Main table for station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like RAO, RAOU, MXZ, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like SISI Saibi, PDSI Padang, PPSI Pulau Pagai, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like ANAZ Anatahan, SARIN Sarigan, SARUN Manus Island, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, WR1 Warramunga Arr, etc.

ISCJB 08 05:43:34.2±0.5, 50.11N±0.03, 19.07E±0.03, h0km, Error ellipse: s-maj=4.9km s-min=2.4km az=14.3

Code Station Name A° AZ° Phase ID Time Res. Includes stations like CHPZ Chorowz, OJC Ojcow, OJC Ojcow, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like ASO1 Alice Springs, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like H11S WAKE ISLAND Hy 22.64, H11S1 WAKE ISLAND Hy 22.65, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like GYA Guiyang, GYA Guiyang, GYA Guiyang, etc.

IDC 08 06:00:08.3±2.8, 9.34S±112.87E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/28, mbtmp3.4/4, Error ellipse: s-maj=134.2km s-min=24.4km az=50.0, South of Jawa

Code Station Name A° AZ° Phase ID Time Res. Includes stations like WHN Wuhan, WHN Wuhan, WHN Wuhan, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like KMI Kuri'ik, KMI Kuri'ik, KMI Kuri'ik, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like KUR Kuri'ik, KUR Kuri'ik, KUR Kuri'ik, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like SRAK Krakow, LEM Lembang, DZM Mont Dzumac, etc.

IDC 08 06:07:56.1±0.6, 12.75N±144.01E, h0km, mb4.3/16, mb1 4.5/18, mb1mx4.3/34, mbtmp4.4/18, MS4.6/32, MS1 4.6/32, ms1mx4.5/37, Error ellipse: s-maj=19.8km s-min=13.5km az=86.0

Code Station Name A° AZ° Phase ID Time Res. Includes stations like WHN Wuhan, WHN Wuhan, WHN Wuhan, etc.

Table with columns: QIZ, Station Name, Value, Unit, P, Max. Includes stations like SRAK Krakow, LEM Lembang, DZM Mont Dzumac, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BKZ Black Stump Fm, THZ Tophouse, JNU Nakatsue, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DHY Denali Highway, WRH Wood River Hill, CCB Clear Creek Bv, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TWQ1 Liyutan, SMLT Sun Moon Lake, TYC Yuchr, etc.

KRSC 08 09:49:56.9-0.5, 53.19N, 158.67E, h124km, 3km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Avacha, Ugljovaya, Somma, Sedlovina, Petropavlovsk, etc.

ISCJB 08 09:51:04.1±0.6, 6.25S, 0.05x130.5E±0.1, h100km, mb4.1/3, Error ellipse: s-maj=16.6km s-min=6.6km

az=179.6, IDC 08 09:51:05.1±2.7, 6.25S, 130.53E, h99km, 33km, mb3.9/3, mb1.3/9, mb1mx3.5/42, mb9.7/17, Error ellipse: s-maj=60.7km s-min=20.7km az=87.0

AUST 08 09:51:06.0, 6.47S, 131.04E, h60km, mb3.4/10, mb1.3/5/11, mb1mx3.3/5/11, mbmtsp3.9/11, Error ellipse: s-maj=29.3km s-min=13.1km az=91.0

ISC 08 09:51:05.4±0.8, 6.22S, 0.07x130.5E±0.1, h100km, n15, r±120/16, mb4.5/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Fak Fak, Sorong, Mantan Dam, Kakadu, Kununurra, Fitzroy Crossi, Warrungarra Arr, etc.

ISCJB 08 09:56:18.8±0.8, 19.22N, 0.1x145.4E±0.2, h214km, mb3.6/10, Error ellipse: s-maj=27.5km s-min=15.3km

az=177.5, IDC 08 09:56:19.5±6.0, 19.15N, 145.50E, h207km, 57km, mb3.4/10, mb1.3/5/11, mb1mx3.3/5/11, mbmtsp3.9/11, Error ellipse: s-maj=29.3km s-min=13.1km az=91.0

ISC 08 09:56:20.3±0.9, 19.11N, 0.1x145.5E±0.2, h214km, n15, r±694/12, mb3.8/12, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Matsushiro Arr, WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

ISCJB 08 10:14:28.9±0.7, 19.22N, 0.1x145.5E±0.2, h214km, mb3.6/12, Error ellipse: s-maj=24.0km s-min=13.7km

az=6.4, IDC 08 10:14:29.1±6.2, 19.22N, 145.59E, h201km, 60km, mb3.5/12, mb1.3/6/13, mb1mx3.5/43, mbmtsp3.9/13, MS2.9/1, Ms1.2/9/1, ms1mx2.4/19, Error ellipse: s-maj=23.0km s-min=11.8km az=93.0

ISC 08 10:14:30.5±0.9, 19.22N, 0.1x145.6E±0.2, h214km, n14, r±691/13, mb3.8/12, Mariana Islands

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

2.2nm,0.7s,baz=83,slow=7.9,SNR=7.2 NVAR Mina Array Bea 82.91 52 P 10 26 33.0 +1.2

FINES FINES Array B 86.35 30 P 10 26 47.1 -1.1

IDC 08 10:17:44.8±3.4, 3.49S, 99.58E, h0km, mb3.6/6, mb1.3/7/6, mb1mx3.6/35, mbmtsp3.6/6, Error ellipse: s-maj=133.5km s-min=20.6km az=58.0, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Chiang Mai Arr, Diego Garcia H, Diego Garcia H, etc.

ISCJB 08 10:23:06.3±0.4, 59.01N, 0.0x18.27E±0.05, h0km, Error ellipse: s-maj=4.8km s-min=3.2km az=148.3

CSEM 08 10:23:07.4±0.1, 59.00N, 18.19E, h1km, ML2.2, Error ellipse: s-maj=3.4km s-min=2.5km az=136.0, Mining explosion.

UPP 08 10:23:07.4±0.2, 58.98N, 18.22E, h0km, ML2.2, Explosion HEL 08 10:23:08.0±0.1, 58.98N, 18.26E, h0km, ML2.0, ML2.2(UPP) Explosion

IDC 08 10:23:10.1±1.8, 59.15N, 18.09E, h0km, mb1.3/1/4, mb1mx3.0/36, mbmtsp3.0/4, ML2.2/4, Error ellipse: s-maj=2.1km s-min=0.8km az=178.0

ISC 08 10:23:07.1±0.9, 59.00N, 0.0x18.22E±0.03, h0km, n59, r±85/86, Sweden

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

HFS 2.0nm,0.3s,baz=115,slow=28,SNR=17 Lg 10 24 25.5

RAF Rauma 2.70 40 eS Pn 10 23 53.2 +1.5

RAF Rauma 2.70 40 eS Pn 10 24 25.3 +0.4

RAF Rauma 2.70 40 eS Pn 10 23 53.1 +1.5

RAF Rauma 2.70 40 eS Pn 10 24 25.3 +0.4

MTSE Matsula 2.92 93 sS Pn 10 23 55.1 +1.2

MTSE Matsula 2.92 93 sS Pn 10 23 55.9 +1.2

MEF Metsahovi 3.37 66 eP Ss Pn 10 24 42.6 +1.2

MEF Metsahovi 3.37 66 eP Ss Pn 10 25 03.2

MEF Metsahovi 3.37 66 Pn 10 24 01.1 +0.3

NOA NORSAR Array B 4.07 303 Pn 10 24 09.5 -1.1

NOA 2.0nm,0.1nm,0.3s,baz=126,slow=9.6,SNR=3.8 Lg 10 25 13.8

PVF Pernaia 4.16 65 eP Ss Pn 10 24 12.2 +0.4

PVF Pernaia 4.16 65 eP Ss Pn 10 25 00.0 -1.0

PVF Pernaia 4.16 65 Pn 10 25 03.2

PVF Pernaia 4.16 65 Pn 10 24 12.1 +0.4

PVF Pernaia 4.16 65 Pn 10 25 00.0 -1.0

BSD Bornholm Skovb 4.29 206 /P Ss Pn 10 24 14.0 +0.4

KEF Keuruu 4.56 43 eP Ss Pn 10 24 18.6 +1.3

KEF Keuruu 4.56 43 eP Ss Pn 10 25 10.9 0.0

KEF Keuruu 4.56 43 P Ss Pn 10 24 18.5 +1.3

KEF Keuruu 4.56 43 P Ss Pn 10 25 10.9 0.0

VAF Ylistaro 4.59 26 P Ss Pn 10 24 18.4 +0.6

VAF Ylistaro 4.59 26 P Ss Pn 10 24 18.3 +0.6

VAF Ylistaro 4.59 26 P Ss Pn 10 25 09.9 -1.8

FIAO FINES Array S 4.62 55 eP Ss Pn 10 24 19.1 +1.1

FIAO FINES Array S 4.62 55 P Ss Pn 10 25 12.2 -0.2

FIAO FINES Array S 4.62 55 P Ss Pn 10 25 12.1 -0.2

FINES FINES Array B 4.62 55 Pn 10 24 20.2 +2.2

FINES comp=Z,0.7nm,0.3s,baz=241,slow=21,SNR=11 Sg 10 25 13.5 +1.2

FINES comp=Z,0.9nm,0.3s,baz=246,slow=23,SNR=7.5 Sg 10 25 13.0 +1.2

KAF Kangasniemi 5.06 49 eP Ss Pn 10 24 25.1 +1.0

KAF Kangasniemi 5.06 49 eP Ss Pn 10 25 22.0 -1.2

KAF Kangasniemi 5.06 49 P Ss Pn 10 24 25.1 +1.1

SUF Sumiainen 5.38 43 eP Ss Pn 10 24 29.2 +0.8

SUF Sumiainen 5.38 43 eP Ss Pn 10 25 29.6 -1.4

SUF Sumiainen 5.38 43 P Ss Pn 10 24 29.2 +0.8

SUF Sumiainen 5.38 43 P Ss Pn 10 25 29.5 -1.4

ARCES ARCCESS Array B 11.03 13 Pn 10 25 44.5 -1.3

ARCES comp=Z,0.1nm,0.3s,baz=199,slow=22,SNR=6.0 Ss Pn 10 27 41.1 -8.6

ISCJB 08 10:24:00.8±0.9, 33.69N, 0.04x140.95E±0.08, h61km, 9km, mb4.0/2, Error ellipse: s-maj=11.9km s-min=6.6km az=11.7

JMA 08 10:24:01.2±0.1, 33.74N, 140.92E, h59km, 4km, M3.3 IDC 08 10:24:02.9±0.4, 0.3336N, 140.87E, h56km, 35km, mb3.6/2, mb1.4/0/3, mb1mx3.3/30, mbmtsp3.9/3, ML3.8/1, Error ellipse: s-maj=47.6km s-min=11.8km az=88.0

ISC 08 10:24:01.8±1.5, 33.38N, 0.05x140.94E±0.10, h48km, 18km, n21, r±67/23, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Boso 1, Mitsune, Hachioji jima 2, etc.

ISCJB 08 10:25:15.5±0.6, 37.59N, 0.03x30.69E±0.06, h7km, 6km, Error ellipse: s-maj=7.6km s-min=4.3km az=12.2

DDA 08 10:25:15.4±0.7, 37.59N, 30.67E, h6km, M2.9 CSEM 08 10:25:15.4±0.2, 37.60N, 30.65E, h10km, MD2.8, Error ellipse: s-maj=4.7km s-min=3.4km az=94.0

ISK 08 10:25:15.1, 37.60N, 30.66E, h8km, MD2.8 ISC 08 10:25:15.9±1.0, 37.60N, 0.02x30.64E±0.03, h5km, 9km, n23, r±66/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like Bucak, Isparta, Sutluce-Isparta, etc.

ISCJB 08 10:28:40.4±0.5, 50.12N, 0.03x19.00E±0.03, h0km, Error ellipse: s-maj=4.6km s-min=2.7km az=10.3

IPEC 08 10:28:41.0±0.2, 50.16N, 19.12E, h0km, ML2.3/3, Error ellipse: s-maj=2.7km s-min=1.7km az=165.0

CSEM 08 10:28:41.2±0.2, 50.14N, 19.07E, h2km, ML3.1/1/1, Error ellipse: s-maj=5.7km s-min=3.2km az=9.0

PRU 08 10:28:42.0±0.6, 50.13N, 19.06E, h0km VIE 08 10:28:46.0±0.6, 50.17N, 18.66E, h0km, mb2.4/2, ml2.6/3, Error ellipse: s-maj=8.9km s-min=3.2km az=143.0, Suspected Mining induced.

ISC 08 10:28:41.2±0.8, 50.11N, 0.03x19.07E±0.02, h0km, n33, r±694/64, 2D, Poland

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

ISCJB 08 10:29:05.0±0.6, 50.12N, 0.03x19.00E±0.03, h0km, Error ellipse: s-maj=4.6km s-min=2.7km az=10.3

IPEC 08 10:29:05.0±0.2, 50.16N, 19.12E, h0km, ML2.3/3, Error ellipse: s-maj=2.7km s-min=1.7km az=165.0

CSEM 08 10:29:05.0±0.2, 50.14N, 19.07E, h2km, ML3.1/1/1, Error ellipse: s-maj=5.7km s-min=3.2km az=9.0

8d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, UPC Upiace, KRUC Moravsky, etc.

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

ISC 08 11:25:48.0, 1.1, 11.22S, 0.10, 166.2E, 0.2, h100km, n9, 0.85R/13, mb3.77, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warrungama Arr, etc.

ISC/BJ 08 11:42:50.1, 1.0, 37.01N, 0.05, 25.61E, 0.08, h12km, 5km, Error ellipse: s-maj=13.1km s-min=6.4km az=144.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APE Apeiranthos, HHC Hu-ho-hao-te, etc.

BJJ 08 11:45:19.7, 8.41S, 157.91E, h4km, mb4.8/38, mb5.2/26, Ms5.0/10, Ms7.4/8/10

NEIC 08 11:45:25.0, 0.4, 8.29S, 157.31E, h10km, mb4.8/4, Error ellipse: s-maj=11.7km s-min=9.9km az=71.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warrungama Arr, CMSA Cobar Meteor, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CHN8, TAI1, CHY1, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NCU, TWC, ILA, TATO, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KS01, WJUN, CHENG, etc.

8d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNBK Kayabe, JOSM Okushiri-Mats, JOT Ushata, etc.

CSEM 08 14:03:59.8±0.5, 36°66N-2°67W, h8km, ML0.8, Error ellipse: s-maj=11.3km s-min=3.8km az=168.0

MDD 08 14:04:00.9±1.3, 36.70N-2.69W, h0km, mblg0.8/2, Error ellipse: s-maj=13.3km s-min=4.8km az=0.0, PRXIMO

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EBER Berja, EBER 12nm, EBER 15nm, etc.

BUI 08 14:16:17.9, 4°29'S, 99°79'E, h31km, mb4.7/3, mB5.1/18, Ms4.7/12, Ms7.4/5/11

KLM 08 14:16:17.0, 3.85'S, 99°33'E, h14km, mb4.5, ML4.7, MS5.7

AUST 08 14:16:19.7±2.0, 3°79'S, 99°70'E, h2km, Error ellipse: s-maj=1.0km s-min=0.9km az=245.0

DJA 08 14:16:21.0±0.4, 4°S, 10°0E, h10km, M4.8/31, mb4.8/31, mB5.3/13, MLv4.9/17, Mw(mB)4.7/13

ISCB 08 14:16:21.7±1.3, 3°73'S, 0°03'99"73E, 0.4, h27km, gkm, mb4.6/50, MS3.3/5, Error ellipse: s-maj=7.9km s-min=4.0km az=147.0

MOS 08 14:16:22.7±1.0, 3°63'S, 99°69'E, h33km, mb4.9/18, Error ellipse: s-maj=10.6km s-min=7.1km az=110.4

IDC 08 14:16:24.2±0.8, 3°70'S, 99°75'E, h30km, 5km, mb4.3/25, mb1.4/4.2/7, mb1mx4.2/42, mbtmp4.5/27, ML4.7/2, MS3.3/5, Ms1.3/4/5, ms1mx3.0/41, Error ellipse: s-maj=16.0km s-min=10.5km az=51.0

NEIC 08 14:16:24.6±0.4, 3°63'S, 99°78'E, mb4.6/7, Error ellipse: s-maj=12.2km s-min=6.2km az=51.0

ISC 08 14:16:24.7±0.5, 3°69'S, 0°05'99"77E, 0.05, h34km, 1km, h34km, pp-P, n290, 0.18/291, mb4.6/50, MS3.3/4, 11C-3D, Southwest of Sumatra

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, SISI Saibi, KSI Kapahiang, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, TTSI Tana Toraja, KDM Kudat, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC, MTSU Mount Surprise, JNU Nakatusu, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hoffart Farm, Mclaffin, HEC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Art, Rocksprings, Perdido Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, KDU, MTN, WRKA, etc.

8d 17h

Table with columns: DYPD, Diyahin, 1.12 127 P, Pn, 15 52 47.2 +0.6, etc.

ISCJB 08 16:29:47.3:1.4, 19.1S:0.1x169:1E:0.2, h147km, mb3.9/4, Error ellipse: s-maj=23.0km s-min=16.3km az=22.9

IDC 08 16:29:50.5:6.3, 19.24S:168.96E, h157km, mb3.6/5, mb1 3.0/6, mb1mx3.5/29, mbtmp4.1/6, MS2.1/1, MS3.2/1, ms1mx2.6/24, Error ellipse: s-maj=60.0km s-min=26.0km az=28.0

ISC 08 16:29:49.2:1.8, 19.25S:0.2-169.0E:0.2, h147km, n7, s1007.0, mb4.0/4, Vanuatu Islands

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

IDC 08 16:31:26.8:0.7, 6.44S:154.51E, h0km, mb3.8/8, mb1 4.1/10, mb1mx3.9/30, mbtmp3.9/10, ML4.2/2, MS3.4/3, MS1 3.4/3, ms1mx3.0/28, Error ellipse: s-maj=24.5km s-min=21.0km az=83.0

ISCJB 08 16:31:32.3:0.5, 6.66S:0.08x154.63E:0.07, h48km, s-maj=9.1, MS3.1/1, Error ellipse: s-maj=12.3km s-min=9.1, MS3.1/1

NEIC 08 16:31:33.9:1.6, 6.40S:154.65E, h50km, mb4.4/2, Error ellipse: s-maj=18.0km s-min=12.6km az=180.0

ISC 08 16:31:34.0:0.6, 6.55S:0.1x154.64E:0.08, h48km, n32, s1113/34, mb4.0/11, Bougainville - Solomon Islands region

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

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

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

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

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

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

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

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Table with columns: ARSB, Arslanbob, 4.79 21J, eP, Pn, 16 34 04.1 +43, etc.

ISCJB 08 16:50:45.0:0.4, 3.40S:0.05x69.02E:0.07, h10km, mb3.9/16, Error ellipse: s-maj=11.3km s-min=4.6km az=146.3

IDC 08 16:50:45.3:0.6, 3.37S:68.97E, h0km, mb3.9/14, mb1 4.1/15, mb1mx3.9/41, mbtmp3.9/15, ML4.1/1, MS3.0/1, MS1 3.0/1, ms1mx2.6/35, Error ellipse: s-maj=20.0km s-min=15.4km az=163.0

NEIC 08 16:50:46.9:0.3, 3.36S:68.95E, h10km, mb4.2/2, Error ellipse: s-maj=2.0km s-min=1.770.0, MS3.0/1, MS1 3.0/1, ms1mx2.6/35, Error ellipse: s-maj=20.0km s-min=15.4km az=163.0

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

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

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

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

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

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Table with columns: DSZ, Denniston Nort, 14.97 209 SN, Sn, 17 11 05.5 +0.8, etc.

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

IDC 08 17:09:14.7:3.2, 25.50S:175.37W, h0km, mb4.1/2, mb1 4.4/2, mb1mx3.7/31, mbtmp4.1/2, Error ellipse: s-maj=111.5km s-min=59.3km az=164.0, South of Tonga Islands

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

NIED 08 17:09:00.4:3.60N:147.80E, h11km, Mw3.9 Best double couple: M7.45000x1014 NP1:159.00000, 836.00000, 1.26.00000, NP2:159.00000, 875.00000, 1.123.00000

IDC 08 17:09:17.8:0.7, 43.73N:147.65E, h0km, mb3.9/16, mb1 4.0/19, mb1mx3.9/39, mbtmp3.9/19, ML3.0/3, MS2.8/2, MS1 2.8/2, ms1mx2.5/31, Error ellipse: s-maj=19.7km s-min=16.6km az=117.0

JMA 08 17:02:18.1:0.7, 43.61N:147.81E, h11km, M3.9

NEIC 08 17:09:20.0:3.9, 43.71N:147.70E, h13km, mb4.1/2, Error ellipse: s-maj=13.1km s-min=8.6km az=136.0

SKHL 08 17:09:20.1:0.7, 43.73N:147.77E, h41km, mb4.5/6

ISCJB 08 17:09:21.4:1.0, 43.68N:147.72E:0.08, h38km, 7km, mb4.0/22, Error ellipse: s-maj=11.3km s-min=6.5km az=41.6

MOS 08 17:09:22.4:1.6, 43.94N:147.53E, h36km, mb4.4/9, Error ellipse: s-maj=12.1km s-min=7.9km az=110.8

BUI 08 17:09:25.6, 44.10N:147.30E, h50km, mb4.4/5, mb4.5/1

ISC 08 17:09:21.5:1.8, 43.70N:147.68E:0.06, h24km, 12km, n81, s1916/75, mb4.0/22, 4D, Kuril Islands region

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like MJAR Matsushiro Arr, KLR Kul'dur, and YAK Yakutsk.

NNC 08 17:30:25.2-1.6, 36.78N:70.89E, h146km, mb2.9, mpa3.7, Error ellipse: s-maj=14.6km s-min=7.1km az=164.0

IDC 08 17:30:34.3-15.0, 36.61N:71.43E, h249km, 163km, mb2.9/2, mb1.2/8.4, mb1mx2.6/3.4, mbtmp3.5/4, Error ellipse: s-maj=86.8km s-min=61.8km az=0

ISC 08 17:30:25.9-1.5, 36.8N:01:71.2E:0.1, h200km, n28, o143h/21, 9C-5D, Afghaniстан-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like DZET Dzherino, SFK Sufi-Kurgan, and UCH Uchto.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like TKM2 Tokmak 2, MKAR Makanchi Array, and KOLN Koldanda.

NIED 08 17:43:00, 46.90N:153.20E, h23km, Mw4.0 Best double cotype: M=1.21000x10^15 NP1.9x20.00000, s54.00000, t1.79.00000, NP2.0x10^15 NP1.9x20.00000, s36.00000, t1.79.00000

JMA 08 17:43:55.3-0.8, 46.91N:153.21E, h30km, Mw4.7, ISCJB 08 17:43:58.1-0.4, 46.59N:153.00E, 0.06, h35km, mb3.9/18, MS3.3/4, Error ellipse: s-maj=7.9km s-min=3.2km az=136.2

SKHL 08 17:43:58.5-0.4, 46.78N:153.19E, h72km, 56km, mb4.6/8, MOS 08 17:43:59.3-1.0, 46.81N:152.82E, h69km, mb4.1/1, Error ellipse: s-maj=11.3km s-min=8.3km az=65.9

IDC 08 17:44:01.6-2.5, 46.86N:152.87E, h74km, 21km, mb3.6/17, mb1.3/9.21, mb1mx2.7/5.0, mbtmp4.0/2.1, MS3.2/7, Ms1.3/2.7, ms1mx2.9/3.9, Error ellipse: s-maj=19.1km s-min=12.6km az=130.0

ISC 08 17:43:56.4-0.6, 46.58N:0.06, 153.27E:0.05, h35km, n119, o178h/107, mb3.8/18, MS3.2/4, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like KUR Kuril'sk, SHO Shikotan, and YUK Yuzh-Kuril'sk.

PETK baz=21.1,slow=29,SNR=4.2

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 40.0 +0.4

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

PETK baz=21.1,slow=29,SNR=4.2

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

YSS Yuzh-Sakhalins 7.24 277 ePN Pmax 17 45 41.5 +1.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like TYV comp=Z,30nm,1.0s, MYR Moyori, and MA2 Magadan.

8d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG Malin Array Ba, ASAR Alice Springs, etc.

DSN 08 17:50:17.71.2.27.74N-53.69E, h15km, mb3.4/7, ML4.7/5, Error ellipse: s-maj=1.6, 1km s-min=6.8km az=8.0

TEH 08 17:50:23.6, 0.3, 26.93N-0.04, 53.72E-0.04, h19km, mb3.9/21, MS3.1/2, Error ellipse: s-maj=6.3km s-min=4.1km az=38.3

ICSC 08 17:50:24.5, 0.5, 26.93N-0.05, 53.79E-0.04, h19km, n86, a130/89, mb3.8/22, 13C-16D, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BANDS Bandar-Abbas, GENO Gend, BANOM Banah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IKAZ Kazeroun, KRBR Kerman, ARQ Araqi, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WSKO Samad, IGAR Gharneh, JMDO Jabal Madar, etc.

ICD 08 17:52:04.5-2.8, 49.25S-121.23E, h0km, mb3.6/3, mb1.3/9.4, mb1mx3.7/26, mbtmp3.7/4, ML2.0/1, MS3.1/3, Ms1.3/2.3, ms1mx2.8/21, Error ellipse: s-maj=119.4km s-min=26.8km az=91.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

MEX 08 18:01:35.6-0.3, 31.86N-115.06W, h5km, MD3.7, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBIG Mexicali, SPIG San Pedro Mart, CBX Cerro Bola, etc.

ICD 08 18:02:03.4-5.9, 15.34S-173.21W, h0km, mb3.7/2, mb1.3/9.2, mb1mx3.5/33, mbtmp3.7/2, Error ellipse: s-maj=316.5km s-min=25.9km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, H11S2 WAKE ISLAND Hy 39.01 329 T, H11S3 WAKE ISLAND Hy 39.02 329 T, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 39.97 330 T, WRA Warramunga Arr 50.04 257 P, etc.

ICD 08 18:03:50.8-2.0, 2.38N-125.62E, h0km, mb3.0/3, mb1.3/2.3, mb1mx3.1/33, mbtmp3.1/3, Error ellipse: s-maj=194.3km s-min=24.7km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr 23.78 159 P, ASAR Alice Springs 27.11 163 P, etc.

ICD 08 18:06:41.0, 2.4, 3.70S-99.74E, h0km, mb3.3/6, mb1.3/5.6, mb1mx3.4/23, mbtmp3.4/6, Error ellipse: s-maj=103.9km s-min=19.7km az=59.0

ICSC 08 18:06:43.2, 0.9, 3.69S-0.05, 99.65E-0.07, h33km, mb3.3/6, Error ellipse: s-maj=10.8km s-min=5.5km az=151.8

DJA 08 18:06:45.1, 0.7, 4.54S-101.0E, h53km, 10km, M3.8/6, mb4.0/1, MLV3.7/6

ICD 08 18:06:45.7, 1.1, 3.65S-0.08, 99.68E-0.10, h35km, n19, a150/22, mb3.3/6, Southwest of Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, SISI Saibi, PDSI Padang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr 37.46 118 P, ASAR Alice Springs 38.57 124 P, etc.

ICD 08 18:16:00.2, 1.5, 38.07S-73.48W, h0km, mb3.7/4, mb1.3/7.6, mb1mx3.6/19, mbtmp3.5/6, ML3.5/2, Error ellipse: s-maj=17.1km s-min=22.0km az=62.0

ICSC 08 18:16:01.5, 0.6, 38.12S-0.06, 72.9W-0.1, h10km, mb3.7/4, Error ellipse: s-maj=15.9km s-min=5.7km az=23.5

GUC 08 18:16:03.0, 0.6, 38.13S-73.02W, h36km, 15km, ML3.6

ICD 08 18:16:02.4, 0.7, 38.14S-0.06, 72.99W-0.09, h10km, n12, a111/15, mb3.7/4, LD, Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSCH Puerto Saavedr, CCHI Chillan, COCH Cobquecura, etc.

KRNET 08 18:17:14.1, 0.1, 41.92N-77.42E, h16km, mb2.3

NIC 08 18:17:15.9, 2.1, 42.01N-77.50E, h1km, 9km, mb3.1, mpv2.8, Error ellipse: s-maj=10.8km s-min=6.1km az=169.0

ICD 08 18:17:13.7, 1.6, 41.91N-0.06, 77.44E-0.04, h16km, 12km, n17, a98/32, 27C-6D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULHL Ulahol, MBIG Mexicali, NRN Naryn, etc.

8d 23h

Table with columns: ORL, comp=Z, 41nm, 1.6s, 12.13 259, e, 22 22 47.8, 22 23 06.2, 22 24 50.3, 22 24 59.3, 22 25 33.3

DDA 08 22:21:12.8, 41.50N-42.50E, h4km, M10.0

TIF 08 22:21:23.9, 41.42N-43.77E, h16km, M10.0

ISCJB 08 22:21:24.8, 0.9, 41.38N, 0.06-43.76E, 0.04, h5km, 6km, Error ellipse: s-maj=9.6km s-min=3.7km az=163.3

CSEM 08 22:21:24.6, 0.3, 41.34N-43.77E, h2km, M13.0, Error ellipse: s-maj=8.8km s-min=3.6km az=160.0

ISC 08 22:21:24.6, 1.1, 41.37N-0.06-43.77E, 0.03, h7km, 9km, n18, c0555/35, Turkey-Georgia-Armenia border region

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

TIR 08 22:41:56.8, 2.7, 40.29N-20.04E, h7km, 99km, M13.4

CSEM 08 22:42:02.6, 0.6, 40.29N-20.07E, h2km, MD3.4, Error ellipse: s-maj=12.2km s-min=8.3km az=106.0

ATH 08 22:42:02.3, 40.33N-19.98E, h12km, 2km, MD3.4, 1/2

ISC 08 22:42:03.1, 1.3, 40.25N-0.03-20.05E, 0.04, h7km, 10km, n28, c1522/44, Greece-Albania border region

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

ISK 08 22:53:35.4, 40.48N-32.99E, h5km, MD3.5

DDA 08 22:53:35.5, 40.42N-32.98E, h7km, MD2.6

CSEM 08 22:53:36.1, 0.2, 40.47N-33.01E, h2km, MD2.6, Error ellipse: s-maj=4.6km s-min=4.1km az=155.0

ISC 08 22:53:36.4, 1.0, 40.47N-0.03-33.00E, 0.02, h11km, 10km, n26, c0565/39, Turkey

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

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BORA Eskisehir 2.04 254 P Pb 22 54 13.6 +0.1

BORA 22 54 43.2 +1.4

ISC 08 23:03:28.9, 0.7, 3.79S-99.60E, h0km, mb4.2/14, mb1.4/3.16, mb1mx4.1/4.0, mbtmp4.2/16, ML4.2/2, MS3.1/3, Ms1.3/2.3, ms1mx2.8/3.0, Error ellipse: s-maj=25.1km s-min=13.8km az=49.0

NEIC 08 23:03:30.6, 0.4, 3.72S-99.68E, h10km, mb4.3/5, Error ellipse: s-maj=11.2km s-min=5.8km az=53.0

ISCJB 08 23:03:31.9, 0.5, 3.71S-0.04-99.74E, 0.04, h33km, mb4.2/17, MS2.9/3, Error ellipse: s-maj=6.9km s-min=3.4km az=136.0

DJA 08 23:03:33.8, 0.4, 4.5S-101.0E, h63km, km, M4.9/14, mb5.1/8, mb5.6/4, MLV4.7/14, Mw(m)B5.0/7

ISC 08 23:03:33.9, 0.7, 3.74S-0.07-99.69E, 0.07, h35km, n59, c1549/63, mb4.2/17, MS2.9/3, Southwest of Sumatera

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

ISC 08 23:42:20.5, 0.8, 9.17S-152.82E, h0km, mb4.3/13, mb1.5/4.16, mb1mx4.4/29, mbtmp4.3/16, ML1.8/1, MS3.5/8, Ms1.3.5/8, ms1mx3.4/23, Error ellipse: s-maj=21.3km s-min=16.7km az=103.0

ISCJB 08 23:42:23.7, 0.3, 9.34S-0.04-152.85E, 0.05, h33km, mb4.5/20, MS3.4/5, Error ellipse: s-maj=7.7km s-min=6.0km az=15.3

BUI 08 23:42:25.4, 2.51S-153.29E, h25km, mb4.5/10, mb5.0/9, Error ellipse: s-maj=7.7km s-min=5.7km az=102.0

NEIC 08 23:42:26.7, 0.8, 9.36S-152.84E, h48km, 7km, mb4.7/14, Error ellipse: s-maj=7.7km s-min=5.7km az=102.0

AUST 08 23:42:40.2, 0.8, 10.08S-151.95E, h70km, Error ellipse: s-maj=1.8km s-min=1.2km az=278.0

ISC 08 23:42:26.1, 0.4, 9.33S-0.06-152.80E, 0.06, h35km, n74, c1970/74, mb4.5/21, MS3.5/5, D'Entrecasteaux Islands region

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

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NVAR comp=Z, 1.35nm, 20.3s, baz=92, slow=35 LR LR 23 14 38.1

CMIG Matias Romero 15.86 118 LR LR 23 15 54.6

ELK comp=Z, 1.10nm, 19.1s, baz=332, slow=38 LR LR 23 15 46.3

YBH comp=Z, 1.48nm, 20.2s, baz=316, slow=37 LR LR 23 16 56.0

NEW Newport 23.78 347 LR LR 23 20 30.1

JTS JuntasAbangare 27.64 118 LR LR 23 23 15.3

ROSC El Rosal 39.35 15 LR LR 23 29 28.3

ILAR Eielson Array 46.27 339 P P 23 14 12.7 -0.2

ISK 08 23:12:41.5, 36.90N-28.26E, h19km, MD2.4

CSEM 08 23:12:42.9, 1.0, 37.19N-28.79E, h10km, MD2.6, Error ellipse: s-maj=29.9km s-min=10.6km az=67.0

DDA 08 23:12:44.3, 37.06N-28.49E, h7km, MD2.6

ISC 08 23:12:42.2, 1.8, 37.19N-0.05-28.8E, 0.1, h4km, 14km, n11, c0571/18, Turkey

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

ISC 08 23:42:20.5, 0.8, 9.17S-152.82E, h0km, mb4.3/13, mb1.5/4.16, mb1mx4.4/29, mbtmp4.3/16, ML1.8/1, MS3.5/8, Ms1.3.5/8, ms1mx3.4/23, Error ellipse: s-maj=21.3km s-min=16.7km az=103.0

ISCJB 08 23:42:23.7, 0.3, 9.34S-0.04-152.85E, 0.05, h33km, mb4.5/20, MS3.4/5, Error ellipse: s-maj=7.7km s-min=6.0km az=15.3

BUI 08 23:42:25.4, 2.51S-153.29E, h25km, mb4.5/10, mb5.0/9, Error ellipse: s-maj=7.7km s-min=5.7km az=102.0

NEIC 08 23:42:26.7, 0.8, 9.36S-152.84E, h48km, 7km, mb4.7/14, Error ellipse: s-maj=7.7km s-min=5.7km az=102.0

AUST 08 23:42:40.2, 0.8, 10.08S-151.95E, h70km, Error ellipse: s-maj=1.8km s-min=1.2km az=278.0

ISC 08 23:42:26.1, 0.4, 9.33S-0.06-152.80E, 0.06, h35km, n74, c1970/74, mb4.5/21, MS3.5/5, D'Entrecasteaux Islands region

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

ellipse: s-maj=6.3km s-min=3.7km az=103.0
BUJ 09:02:44:11.2, 17.42S:178.76W, h535km, mb4.6/18,
mB4.8/11
NEIC 09:02:44:12.7, 0.0, 17.61S:178.97W, h544km, 1.0km,
mB4.6/31, Error ellipse: s-maj=14.1km s-min=8.7km
az=135.0

ISC 09:02:44:12.0, 0.3, 17.56S:0.07:178.85W:0.06, h539km,
n163, r130/173, mb4.3/48, 14C-10D, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Contains a large list of seismic events and station data.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Contains seismic data for stations in the South Island region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BALB Balikesir, KULA Kula-Manisa, BALLY Balya, etc.

GUC 09 02:53:33.8-0.4,34'50S:72'54W,h24km,4km,ML3.7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHPI Pichilemu, TALC Talca, NICH Los Niches, etc.

ISCJBJ 09 03:00:30.6-0.7,39'82N:0'03:26'73E:0.03,h7km,4km, Error ellipse: s-maj=5.4km s-min=3.5km az=15.2

DDA 09 03:00:30.5,39'82N:26'80E,h15km,Md3.0, Error ellipse: s-maj=4.7km s-min=3.5km az=22.0

ATH 09 03:00:31.2,39'83N:26'74E,h19km,3km,Md3.1/5, Error ellipse: s-maj=1.0km s-min=0.8km az=1.0

ISC 09 03:00:30.8-1.0,39'85N:0'02:26'79E:0.02,h14km,9km,n2,az065/58,Turkey

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AYVA Ayvalik, BOZC Bozcaada, BALLY Balya, etc.

ISC 09 03:06:02.0-4.2,7'02S:129'71E,h69km,37km,mb3.9/6, mb1 4.2/9,mb1mx3.9/25,mbtmpr3.9/ML4.5,M33.0/1, Ms1 3.0/1,ms1mx2.4/29,Error ellipse: s-maj=44.5km s-min=19.4km az=69.0

AUST 09 03:06:08.8,7'48S:130'05E,h60km, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

DJA 09 03:06:17.1-0.5,7'S:4'13'E,h128km,9km,M4.2/4, mb4.3/3,mb5.2/2,MLV4.2/4,Mw(MB)4.6/2

ISC 09 03:06:10.4-0.6,6'36S:107'129'78E:0.09,h150km,n41,az147/35,mb3.8/6,Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, BANI Bandanaira, AAI Ambon, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ODAN Odrade, TAPN Tapejlung, RUM Ramit, etc.

ISC 09 04:00:27.6-4.8,3'01S:100'31E,h0km,mb3.5/3, mb1 3.6/3,mb1mx3.4/32,mbtmpr3.5/3,M33.0/1,Ms1 3.2/1, ms1mx2.6/22,Error ellipse: s-maj=204.2km s-min=1.7km az=58.0,Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

CSEM 09 04:15:09.8-0.1,39'10N:28'34E,h8km,Md2.6,Error ellipse: s-maj=2.7km s-min=2.3km az=88.0

ISK 09 04:15:09.2,39'09N:28'36E,h8km,Md2.7, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

DDA 09 04:15:10.1,39'10N:28'37E,h7km,Md2.6, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

ISC 09 04:15:10.1-0.1,39'10N:0'02:28'33E:0.02,h8km,9km,n29,az063/46,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DEMI Demirci, AKHS Akhisar, DURS Dursunbey, etc.

ISCJBJ 09 04:39:19.8-0.5,24'34S:0'04:67'39W:0.04,h175km, Error ellipse: s-maj=6.4km s-min=5.1km az=39.0

GUC 09 04:39:19.6-0.3,24'34S:67'65W,h200km,ML3.6, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

SJA 09 04:39:20.0-0.7,24'31S:67'20W,h189km,32km,ML2.5, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

ISC 09 04:39:20.1-1.3,24'32S:0'05:67'37W:0.05,h175km,n12,az062/18,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLA San Lorenzo, AZAP Zapla, AZAP Azap, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANCH Antofagasta, AHML Horco Molle, PBO4 IPOC Station P, etc.

BUL 09 04:44:05.7-2.1,28'82S:29'03E,h10km,Md3.5, Error ellipse: s-maj=6.3km s-min=4.2km az=140.3

ISCJBJ 09 04:44:23.0-3.0,4.26'94S:0'03:26'76E:0.03,h10km,2km, Error ellipse: s-maj=6.3km s-min=4.2km az=140.3

PRE 09 04:44:23.4-1.7,26'92S:26'81E,h2km,ML3.1, Error ellipse: s-maj=6.3km s-min=4.2km az=140.3

ISC 09 04:44:23.9-0.8,26'92S:0'03:26'79E:0.03,h7km,5km,n15,az102/27,1C-1D,South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BFGD Buffelsfontein, MOAB Moab Khotsoeng, TLEK Tau Lekoa, etc.

DJA 09 04:50:40.3-0.6,7'S:5'12'E,h408km,8km,M4.5/3, mb5.7/1,mb6.8/1,MLV3.9/3,Mw(MB)6.7/1

ISC 09 04:50:49.8-1.1,6'18S:123'26E,h0km,mb3.8/4, mb1 3.9/7,mb1mx3.7/34,mbtmpr3.8/7,ML3.6/3,MS2.8/2, Ms1 2.9/2,ms1mx3.7/34,mbtmpr3.8/7,ML3.6/3,MS2.8/2, Error ellipse: s-maj=55.0km s-min=20.3km az=61.0

AUST 09 04:50:51.0,29'29S:123'11E,h0km, Error ellipse: s-maj=1.4km s-min=1.0km az=61.0

ISCJBJ 09 04:50:52.3-0.5,6'29S:0'06:123'19E:0.06,h33km, mb3.9/3,MS3.6/2,Error ellipse: s-maj=11.0km s-min=5.9km az=42.5

ISC 09 04:50:55.1-0.8,6'19S:0'07:123'14E:0.07,h35km,n27,az192/24,mb4.0/3,Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDI Kendari, MMRI Maumere, BSSI Bau Bau, etc.

WEL 09 05:11:34.8-0.2,36'01S:177'48E,h237km,3km,ML3.5/3, Error ellipse: s-maj=3.8km s-min=3.3km az=90.0,Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HXZ Matakoa Point, HAZ Ta Kaha, WMGZ Waioamatini S, etc.

9d 5h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Carcaliu, Kszia, Niedzica, etc.

ECX 09 05:24:44.7±0.5, 31°26'N-115°66'W, h5km, MD3.5, ML3.7
ISC 09 05:24:43.8±0.9, 31°28'N-104°115°66'W, h10km, 9km, n26, ±125/44, 5C-9D, Baja California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like San Pedro Mart, El Chinerio, Rancho Dawling, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like BELC, BBRC, GMRC, HEC, DEC, EDW2, etc.

MOS 09 05:52:01.2±1.1, 64°17'N-145°81'E, h11km, mb4.3/17, Error ellipse: s-maj=24.1km s-min=9.9km az=90.0
ISCJB 09 05:52:01.3±0.3, 64°15'N-145°87'E, h10km, mb4.1/24, MS3.4/3, Error ellipse: s-maj=5.5km s-min=3.0km az=135.7

NEIC 09 05:52:03.1±0.3, 64°17'N-145°78'E, h10km, mb4.2/4, Error ellipse: s-maj=9.9km s-min=7.3km az=189.0
YARS 09 05:52:04.3±0.3, 64°10'N-145°48'E, h10km, MSV2.4

NERS 09 05:52:04.6±12N-145°65'E, h19km
IDC 09 05:52:04.2±2.8, 64°13'N-145°81'E, h19km, mb3.9/17, mb1.4/19, mb1mx4.0/33, mbmp4.0/19, ML4.4/2, MS3.1/5, Ms1.3/1.5, ms1mx2.9/33, Error ellipse: s-maj=14.3km s-min=12.8km az=20.0

ISC 09 05:52:03.0±0.4, 64°13'N-145°58'E, h10km, n76, ±162/93, mb4.1/24, MS3.2/3, 2C-1D, Eastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like UNR, UNR, SUUS, SUUS, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like TLAR, TLAR, MGD, MGD, OMS, OMS, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like Tambak Boyo, Cisompet, Garu, Lembang, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like PSI Prapat, GSI Gunungsitoli, MYLDM Lahad Datu, KULM Kulim, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like CHTO Chiang Mai, CMAI Chiangmai, GENI Genyem, QIS Mount Isa, etc.

A28A	Rude Farm, Bot	132.44	27	P	PKPdf	07 22 38.1 +0.8
E25A	Miller Ranch, baz=132	132.63	31	P	PKPdf	07 22 38.6 +0.8
SRU	San Rafael	132.64	44	ePKIKP	PKPdf	07 22 39.3 +1.1
SRL	San Rafael	132.64	44	ePKIKP	PKPdf	07 22 39.3 +1.1
C27A	Saylor Ranch, baz=133	132.73	29	P	PKPdf	07 22 39.1 +1.3
B28A	Dugan Ranch, T	132.73	27	P	PKPdf	07 22 38.9 +1.1
D26A	Manning	132.75	30	P	PKPdf	07 22 38.9 +1.0
A29A	Manning Farm, baz=133	132.88	26	P	PKPdf	07 22 39.0 +0.9
E26A	Carlson Angus	133.13	31	P	PKPdf	07 22 39.8 +1.1
B29A	Wagenman Farm, baz=133	133.17	27	P	PKPdf	07 22 38.8 +1.2
ULM	Lac du Bonnet comp=Z, 5.3nm, 0.8s, baz=293, slow=1.2, SNR=8.4	133.22	23	PKP	PKPdf	07 22 38.7 0.0
ULM	Lac du Bonnet comp=Z, 5.3nm, 0.8s, baz=293, slow=1.2, SNR=8.4	133.22	23	PKP	PKPdf	07 22 38.7 0.0
ULM	Lac du Bonnet comp=Z, 5.3nm, 0.8s, baz=293, slow=1.2, SNR=8.4	133.22	23	PKP	PKPdf	07 22 38.7 0.0
ULM	Lac du Bonnet comp=Z, 5.3nm, 0.8s, baz=293, slow=1.2, SNR=8.4	133.22	23	PKP	PKPdf	07 22 38.7 0.0
A30A	Hoffart Farm, baz=133	133.27	26	P	PKPdf	07 22 39.8 +0.9
K22A	Casper	133.31	37	P	PKPdf	07 22 40.1 +0.8
K22A	Casper	133.31	37	ePKPdf	PKPdf	07 22 40.1 +0.8
M2ND	Madlock	133.52	27	P	PKPdf	07 22 40.2 +0.9
M2ND	Madlock	133.52	27	ePKPdf	PKPdf	07 22 40.2 +0.9
D28A	Regan	133.55	29	P	PKPdf	07 22 40.4 +1.0
E27A	Carson	133.60	30	P	PKPdf	07 22 40.8 +1.2
B30A	Myrvik Farm, E	133.63	26	P	PKPdf	07 22 40.7 +1.2
Q20A	White River Ci	133.64	41	P	PKPdf	07 22 41.3 +1.2
Q20A	White River Ci	133.64	41	ePKPdf	PKPdf	07 22 40.8 +0.7
WUAZ	Wupatki	133.67	48	P	PKPdf	07 22 41.3 +1.2
WUAZ	Wupatki	133.67	48	ePKPdf	PKPdf	07 22 41.3 +1.2
F27A	Lehmon	133.76	31	P	PKPdf	07 22 43.0 +2.8
H25A	Fruitdale	133.77	33	P	PKPdf	07 22 41.3 +1.4
RSSD	Black Hills	133.85	34	ePKIKP	PKPdf	07 22 40.5 +0.2
RSSD	Black Hills	133.85	34	ePKIKP	PKPdf	07 22 40.5 +0.2
SCHO	Schefferville	133.85	35	PKP	PKPdf	07 22 39.9 +0.2
SCHO	Schefferville	133.85	35	SKIKP	PKPdf	07 26 09.5 -0.9
G26A	Maurice	133.85	32	P	PKPdf	07 22 40.9 +0.8
PV09	Paradox Valley	133.89	44	ePKPdf	PKPdf	07 22 42.4 +1.7
E28A	Huff	133.93	29	P	PKPdf	07 22 39.4 -0.8
B31A	Greenbush Farm	133.94	26	P	PKPdf	07 22 39.9 -0.2
PV10	Paradox Valley	134.01	44	ePKPdf	PKPdf	07 22 42.2 +1.3
A32A	Rocking H Ranc	134.04	24	P	PKPdf	07 22 40.6 +0.3
I25A	Rockford	134.08	34	P	PKPdf	07 22 40.5 -0.2
PV05	Paradox Valley	134.12	44	ePKPdf	PKPdf	07 22 42.7 +1.6
CO30	Mose, Pekin	134.13	27	P	PKPdf	07 22 40.9 +0.4
G27A	Dupree	134.14	31	P	PKPdf	07 22 40.1 -0.5
H26A	Fairpoint	134.21	33	P	PKPdf	07 22 41.2 +0.4
F28A	McLaughlin	134.39	30	P	PKPdf	07 22 41.4 +0.3
C31A	Landman Farms, baz=134	134.39	26	P	PKPdf	07 22 41.1 +0.1
B32A	Ashes, Strandq	134.44	25	P	PKPdf	07 22 41.7 +0.7
J25A	Sunshine Ranch	134.44	35	P	PKPdf	07 22 42.0 +0.6
D30A	Buchanan	134.45	28	P	PKPdf	07 22 42.0 +0.9
PV01	Paradox Valley	134.46	44	ePKPdf	PKPdf	07 22 43.0 +1.3
A33A	Warroad	134.47	23	P	PKPdf	07 22 41.7 +0.7
H27A	Hoves	134.57	32	P	PKPdf	07 22 41.1 -0.3
N23A	Red Feather L	134.68	39	P	PKPdf	07 22 42.3 +0.2
AGMN	Agassiz Nation	134.79	24	P	PKPdf	07 22 42.2 +0.5
E30A	Jud	134.83	28	P	PKPdf	07 22 42.2 +0.3
G29A	Parade	134.87	31	P	PKPdf	07 22 42.6 +0.6
F28A	Eureka	134.88	29	P	PKPdf	07 22 42.5 +0.5
J26A	Sides Ranch, S	134.90	34	P	PKPdf	07 22 42.9 +0.8
B33A	Robert and Kas	134.92	24	P	PKPdf	07 22 42.8 +0.9
MVCO	Mesa Verde	134.96	45	P	PKPdf	07 22 43.3 +0.7
MVCO	Mesa Verde	134.96	45	ePKPdf	PKPdf	07 22 44.3 +1.6
D31A	Miclaifin, Tow	134.96	27	P	PKPdf	07 22 43.0 +1.0
I27A	Quinn	134.96	33	P	PKPdf	07 22 43.2 +0.9
SMCO	Snowmass	134.98	41	ePKPdf	PKPdf	07 22 44.2 +1.2
W18A	Petrified Fore	135.05	48	P	PKPdf	07 22 43.4 +0.6
W18A	Petrified Fore	135.05	48	ePKPdf	PKPdf	07 22 44.8 +1.9
H28A	Mission Ridge	135.09	31	P	PKPdf	07 22 43.2 +0.8
B34A	Aery, Baudette	135.12	23	P	PKPdf	07 22 42.9 +0.6
C33A	Trail	135.25	25	P	PKPdf	07 22 43.2 +0.6
E31A	Nome	135.26	27	P	PKPdf	07 22 43.1 +0.5
F30A	Leola	135.26	29	P	PKPdf	07 22 43.2 +0.5
G29A	Hoven	135.29	30	P	PKPdf	07 22 42.8 0.0
I28A	Midland	135.48	32	P	PKPdf	07 22 44.0 +0.8
ISCO	Idaho Springs	135.52	40	ePKIKP	PKPdf	07 22 46.0 +2.3
ISCO	Idaho Springs	135.52	40	PKP	PKPdf	07 22 42.5 -1.2
ISCO	Idaho Springs	135.52	40	ePKPdf	PKPdf	07 22 46.0 +2.3
J27A	Elkhorn Farms, baz=136	135.53	34	P	PKPdf	07 22 45.5 -0.9
B35A	Bob, Littlefor	135.58	23	P	PKPdf	07 22 43.4 +0.3
C34A	RKJ Ranch, Bem	135.69	24	P	PKPdf	07 22 43.7 +0.3
D33A	AnnSam, Waubun	135.71	25	P	PKPdf	07 22 43.8 +0.3
G30A	Faultkon	135.72	30	P	PKPdf	07 22 43.9 +0.4
J28A	Allard Ranch, baz=136	135.84	33	P	PKPdf	07 22 44.0 +0.2
S22A	4UR Ranch, Cre	135.84	43	P	PKPdf	07 22 44.1 -0.3
S22A	4UR Ranch, Cre	135.84	43	ePKPdf	PKPdf	07 22 46.1 +1.8
C35A	Jirik Farms, M	136.02	23	P	PKPdf	07 22 44.6 +0.6
D34A	Park Rapids	136.03	25	P	PKPdf	07 22 44.6 +0.6
E33A	Westby DABS, E	136.14	26	P	PKPdf	07 22 44.4 +0.2
Q24A	Divide	136.28	41	P	PKPdf	07 22 44.8 -0.4
SUSD	South Dakota S	136.31	30	P	PKPdf	07 22 44.6 0.0
C36A	Pine Crest Far	136.41	22	P	PKPdf	07 22 44.4 -0.3
G32A	Webster	136.42	28	P	PKPdf	07 22 44.5 -0.4
E34A	Wadena	136.49	25	P	PKPdf	07 22 44.5 -0.5
D35A	Remer	136.50	24	P	PKPdf	07 22 44.3 -0.6
F33A	5 Mile Ranch, baz=136	136.53	27	P	PKPdf	07 22 44.4 -0.6

C37A	Embarrass	136.68	22	P	PKPdf	07 22 44.4 -0.8
SDCO	Great Sand Dun	136.73	42	P	PKPdf	07 22 45.1 -0.9
SDCO	Great Sand Dun	136.73	42	ePKPdf	PKPdf	07 22 47.4 +1.4
EYMN	Ely	136.75	21	P	PKPdf	07 22 44.5 -0.8
D36A	Goodland	136.77	23	P	PKPdf	07 22 44.6 -0.8
E35A	Pedestal Lakes	136.77	25	P	PKPdf	07 22 45.5 0.0
K29A	Lazy Trails An	136.78	33	P	PKPdf	07 22 45.5 0.0
J30A	Dall	136.83	32	P	PKPdf	07 22 45.7 +0.1
G33A	Ortonville	136.95	28	P	PKPdf	07 22 46.1 +0.3
H32A	Carlson Farm, baz=137	137.00	29	P	PKPdf	07 22 45.9 0.0
OGNE	Ogallala	137.01	36	P	PKPdf	07 22 47.0 +0.8
D37A	Cotton	137.07	23	P	PKPdf	07 22 47.0 +1.0
M28A	Bar X Bar Ranch	137.10	35	P	PKPdf	07 22 47.2 +0.9
L29A	Meesberg Ranch	137.16	34	P	PKPdf	07 22 47.5 +1.1
K30A	Basnet	137.22	33	P	PKPdf	07 22 46.7 +0.3
F35A	Swanville	137.26	25	P	PKPdf	07 22 46.5 +0.1
E36A	McCregor	137.27	24	P	PKPdf	07 22 46.5 +0.2
LAZ	Ladron	137.28	48	ePKPdf	PKPdf	07 22 50.0 +3.0
G34A	Benson	137.28	27	P	PKPdf	07 22 46.7 +0.3
ANMO	Auquerque	137.51	46	PKIKP	PKPdf	07 22 44.0 -3.4
121A	Cookes Peak, D	137.64	50	P	PKPdf	07 22 47.7 0.0
L30A	Spencer Herefo	137.66	33	P	PKPdf	07 22 47.1 -0.2
O28A	Krustinger Ran	137.68	37	P	PKPdf	07 22 47.9 +0.5
F36A	Milaca	137.70	25	P	PKPdf	07 22 47.4 +0.3
K31A	O'Neill	137.71	32	P	PKPdf	07 22 47.8 +0.5
T25A	Trinidad	137.78	42	P	PKPdf	07 22 48.0 +0.1
G35A	Watkins	137.80	26	P	PKPdf	07 22 47.9 +0.5
KSC0	Kaye Shedlock'	137.85	39	P	PKPdf	07 22 48.0 +0.2
M30A	Dale-Ortello V	137.85	34	P	PKPdf	07 22 48.0 +0.3
N29A	Votaw Ranch, W	137.91	35	P	PKPdf	07 22 48.0 +0.2
ECSD	EROS Data Cent	137.97	29	P	PKPdf	07 22 47.7 -0.1
ECSD	EROS Data Cent	137.97	29	ePKPdf	PKPdf	07 22 47.1 -0.7
L31A	Butterfield Fa	137.97	33	P	PKPdf	07 22 47.3 -0.5
P28A	Saint Francis	138.04	38	P	PKPdf	07 22 47.8 -0.3
H35A	Sunnyside Ranc	138.06	27	P	PKPdf	07 22 47.5 -0.4
K32A	Verdigre	138.08	31	P	PKPdf	07 22 48.1 +0.1
G36A	St. Michael	138.11	25	P	PKPdf	07 22 47.8 -0.1
Q28A	Sharon Springs	138.31	38	P	PKPdf	07 22 48.5 -0.2
SPMN	St. Paul	138.51	25	ePKPdf	PKPdf	07 22 49.0 +0.4
H36A	Jessenland, He	138.56	26	P	PKPdf	07 22 49.3 +0.6
O30A	IW Ranch, Wils	138.66	36	P	PKPdf	07 22 49.4 +0.3
R28A	Tribune	138.77	39	P	PKPdf	07 22 49.9 +0.4
Q29A	Oakley	138.94	38	P	PKPdf	07 22 50.8 +1.1
S28A	Manter	139.16	40	P	PKPdf	07 22 50.9 +0.7
U27A	Thompson Grove	139.24	42	P	PKPdf	07 22 50.7 +0.2
P31A	Stockton	139.48	36	P	PKPdf	07 22 50.8 +0.1
V27A	Dan Oppiter Fa	139.61	43	P	PKPdf	07 22 51.2 +0.1
O32A	Brockman Farm, baz=140	139.61	34	P	PKPdf	07 22 50.5 -0.3
S29A	Ulysses	139.69	39	P	PKPdf	07 22 52.0 +0.9
U28A	Mallet	139.66	42	P	PKPdf	07 22 51.8 +0.6
I38A	Scanlan Farm, baz=140	139.67	25	P	PKPdf	07 22 51.2 +0.4
T29A	Hugoton	139.81	40	P	PKPdf	07 22 52.3 +0.9
MNTX	Cornudas Mount	139.83	50	ePKIKP	PKPpre	07 22 43.0
MNTX	Cornudas Mount	139.83	50	ePKIKP	PKPpre	07 22 52.3 +0.8
V28A	Channing	140.02	43	P	PKPdf	07 22 52.8 +0.9
MSTX	Muleshoe	140.62	45	ePKPdf	PKPpre	07 22 52.0
P34A	Walnut Farm, R	140.90	34	P	PKPpre	07 22 47.9
Q34A	Chapman	141.28	35	P	PKPpre	07 22 48.2
T28A	UT Block 9, Go	141.71	48	P	PKPpre	07 22 51.4
T33A	Patterson Ranc	141.75	38	P	PKPpre	07 22 51.2
Q35A	Mercer Eighty, baz=142, SNR=11	141.82	34	P	PKPpre	07 22 49.6
W31A	Holland Ranch, baz=142	141.86	42	P	PKPpre	07 22 51.9
I29A	Stewart Farms, baz=142	141.97	46	P	PKPpre	07 22 52.1
S34A	Willow Spring	142.02	36	P	PKPpre	07 22 51.6
Q36A	Arnold C. Orve	142.06	33	P	PKPpre	07 22 51.4
R35A	Emporia Munci	142.11	35	P	PKPpre	07 22 51.8
V32A	Arapaho	142.12	40	P	PKPpre	07 22 52.4
Z30A	Sanderson Ranch	142.15	45	P	PKPpre	07 22 52.0
X31A	McDonald Ranch	142.17	42	P	PKPpre	07 22 52.0
TX31	Lajitas Ar. Si	142.21	52	ePKIKP	PKPpre	07 22 51.4
TXAR	Lajitas Array	142.22	52	PKIKP	PKPpre	07 22 51.6
TXAR	Lajitas Array	142.22	52	PKIKP	PKPpre	07 22 51.6
TXAR	Lajitas Array	142.22	52	PKIKP	PKPpre	07 22 51.6
US3A	Lingo Farm, Me	142.25	39	P	PKPpre	07 22 52.4
W32A	Sentinel	142.36	41	P	PKPpre	07 22 52.7
Y31A	Rekieta Farm, baz=142	142.37	43	P	PKPpre	07 22 52.8
T34A	McClaskey Farm	142.43	37	P	PKPpre	07 22 52.5
S32A	Wagon Wheel Ra	142.48	48	P	PKPpre	07 22 53.9
S35A						

Table with columns: WHTX, Lake Whitney, 145.43, 44, P, PKPab, 07 23 02.8 +1.0, etc. Lists various radio stations and their frequencies.

Table with columns: VBMS, SWET, Sawanee, 149.73, 27, ePKPab, PKPab, 07 23 19.0 +0.5, etc. Lists various radio stations and their frequencies.

Table with columns: BRTR, comp=Z:112m, 18.9s, baze=230, slow=40, etc. Lists various radio stations and their frequencies.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRUS, TRUS, BOUS, BOJANSI, etc.

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

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

ISCJB 09 08:45:16.3e+1.3, 56.4S:02:143.1W:0.3, h11km, mb3.8/4, Error ellipse: s-maj=35.6km s-min=24.9km az=26.5

IDC 09 08:45:16.4e+1.2, 56.18S:143.16W, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.8/20, mbtmp3.7/4, Error ellipse: s-maj=44.8km s-min=30.2km az=6.0

ISC 09 08:45:18.1e+1.3, 56.35S:03:143.1W:0.2, h11km, n10, r1517/7, mb3.9/4, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSPA, VNAZ, SNAZ, ASAR, etc.

ISC 09 08:45:18.1e+1.3, 56.35S:03:143.1W:0.2, h11km, n10, r1517/7, mb3.9/4, Pacific-Antarctic Ridge

IDC 09 08:45:18.1e+1.3, 56.35S:03:143.1W:0.2, h11km, n10, r1517/7, mb3.9/4, Pacific-Antarctic Ridge

ISC 09 08:45:18.1e+1.3, 56.35S:03:143.1W:0.2, h11km, n10, r1517/7, mb3.9/4, Pacific-Antarctic Ridge

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

ISCJB 09 10:11:26.2e+0.6, 50.09N:01:04:18.39E:0.03, h0km, Error ellipse: s-maj=5.5km s-min=2.8km az=6.8

IPEC 09 10:11:27.1e+0.2, 50.06N:18.45E, h2km, 3km, ML1.7/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

CSEM 09 10:11:27.1e+0.2, 50.08N:18.40E, h2km, ML2.5/6, Error ellipse: s-maj=5.4km s-min=2.6km az=5.0

ISC 09 10:11:27.1e+0.9, 50.08N:01:04:18.40E:0.02, h0km, n26, r0577/43, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAC, OSTRAVA-KRASNE, MORAVSKY BEROU, etc.

IDC 09 10:15:24.7e+1.1, 34.97N:30.55E, h0km, mb3.9/6, mb1 3.9/12, mb1mx3.7/39, mbtmp3.8/12, ML3.7/5, Error ellipse: s-maj=19.8km s-min=18.5km az=123.0

DDA 09 10:15:25.7, 35.02N:30.60E, h7km, MD3.7, Error ellipse: s-maj=12.0km s-min=5.2km az=29.0

NIC 09 10:15:29.7, 35.02N:30.49E, h25km, mb4.2, ML3.9, Error ellipse: s-maj=12.0km s-min=5.2km az=29.0

ISK 09 10:15:32.6, 35.14N:31.12E, h12km, ML3.5, Error ellipse: s-maj=12.0km s-min=5.2km az=29.0

ISC 09 10:15:28.5e+1.4, 34.88N:03:00:56.0E:0.04, h27km, 11km, n7, r1948/95, mb3.9/6, 4C-2D, Eastern Mediterranean

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

DJA 09 09:18:04.2e+0.4, 4.7S:12.8E, h10km, M3.7/6, MLV3.7/6, Seram

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

ISK 09 09:36:48.4, 39.40N:27.65E, h3km, MD2.9, Error ellipse: s-maj=4.7km s-min=3.2km az=3.1

DDA 09 09:36:49.4, 39.42N:27.75E, h7km, MD2.4, Error ellipse: s-maj=3.9km s-min=2.8km az=100.0

CSEM 09 09:36:50.0, 0.1, 39.39N:27.72E:0.06, MD2.9, Error ellipse: s-maj=3.9km s-min=2.8km az=100.0

ISC 09 09:36:49.8e+0.9, 39.40N:02:27.75E:0.02, h14km, 9km, n46, r043/62, Turkey

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

ISCJB 09 09:29:14.6e+0.5, 64.67N:01:02:30.43E:0.09, h0km, Error ellipse: s-maj=5.7km s-min=3.3km az=2.5

CSEM 09 09:29:15.3e+0.4, 64.65N:01:02:30.43E:0.09, h0km, Error ellipse: s-maj=11.1km s-min=5.3km az=91.0, Mining explosion.

IDC 09 09:29:15.3e+0.3, 64.66N:01:02:30.43E:0.09, h0km, mb1 3.3/4, mb1mx3.1/49, mbtmp3.2/4, ML2.6/4, Error ellipse: s-maj=43.8km s-min=10.4km az=100.0

HEL 09 09:29:16.2e+0.1, 64.68N:01:02:30.43E:0.09, h0km, ML1.9, Explosion

KOLA 09 09:29:18.6, 65.28N:28.21E, h0km, Error ellipse: s-maj=19.8km s-min=18.5km az=123.0

NAO 09 09:29:19.7, 64.76N:30.12E, ML2.4, Error ellipse: s-maj=19.8km s-min=18.5km az=123.0

BER 09 09:29:19.7, 64.76N:30.12E, ML2.4(NAO), Suspected explosion.

ISC 09 09:29:15.5e+0.8, 64.67N:01:02:30.43E:0.04, h0km, n45, r153/66, Finland-Karelia border region

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

9d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREN, BAGO, KIZK, KONT, etc.

ISCJB 09 10:20:30.7, 0.8, 37.11N, 0.03:37.24E, 0.04, h3km, 6km, Error ellipse: s-maj=5.3km, s-min=4.1km, az=41.8

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

IDC 09 10:26:46.5, 1.0, 14.44N, 90.62W, h179km, 8km, mb3.9/10, mb1.4/0.15, mb1mx3.7/8, mbtmp4.4/15, Error ellipse: s-maj=18.5km, s-min=7.9km, az=47.0

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

2010 NOV

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGUH, CRIN, CNGN, etc.

402

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Z37A, Z37B, Z37C, etc.

9d 11h

Table with columns: NGJ, Name, RA, Dec, P, M, Az, El, etc. Includes entries like NGAWI, PACITAN, PALU, etc.

2010 NOV

Table with columns: COEN, Name, RA, Dec, P, M, Az, El, etc. Includes entries like COEN, PSI, PSI, etc.

404

Table with columns: GTA, Name, RA, Dec, P, M, Az, El, etc. Includes entries like GTA, USRK, RPZ, etc.

ISCJB 09 11:22:0.5:0.5,36:69N:0:02:35:97E:0:05,h7km,5km, Error ellipse: s-maj=6.4km s-min=3.3km az=177.0 DDA 09 11:22:0.5,36:71N:35:99E,h7km,MD2.8 CSEM 09 11:22:0.7:0.1,36:70N:35:97E,h12km,MD2.5, Error ellipse: s-maj=4.0km s-min=2.3km az=73.0 ISK 09 11:22:0.1,36:69N:35:97E,h8km,MD2.5 ISC 09 11:22:0.7:1.0,36:69N:0:02:35:98E:0:03,h11km,10km, n21,0938/37,Turkey

FUNV 09 11:51:01.1, 10.70N-59.29W, h13km, MW3.4
ISC 09 11:50:56.5, 2.3, 11.03N-07.59W, 0.1, h81km, 27km,
n37, r1532/60, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, h m s ISC. Lists stations like TOSP Speyside, TOSP Speyside, TOSP Guna Hill, etc.

CSEM 09 11:58:48.9, 45.58N-26.67E, h28km, MD3.6/2, After BUC
BUC 09 11:58:48.9, 0.4, 45.58N-26.67E, h28km, 6km, MD3.6/2,
33C-24D, Error ellipse: s-maj=5.0km s-min=4.3km

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, h m s ISC. Lists stations like MSAB Monastery St. A, MSAB Monastery St. A, BURAR Bucovina Array, etc.

ISC/JB 09 12:04:59.5, 0.2, 38.68N-0.01, 23.33E, 0.02, h2km, 2km,
Error ellipse: s-maj=2.4km s-min=2.0km az=174.8
CSEM 09 12:04:59.2, 0.1, 38.67N-23.32E, h15km, MD3.5, Error
ellipse: s-maj=3.0km s-min=2.4km az=88.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, h m s ISC. Lists stations like MRKA Markates, MRKA Markates, ATAL Atalanti, etc.

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

ISC/JB 09 12:24:55.0, 4.5, 41.21N-0.04, 23.94E, 0.04, h10km, 6km,
Error ellipse: s-maj=6.0km s-min=4.5km az=17.0
CSEM 09 12:24:55.0, 1.1, 41.21N-23.95E, h5km, ML2.2, Error
ellipse: s-maj=5.2km s-min=2.0km az=177.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, h m s ISC. Lists stations like GUR Karystos, KARY Karystos, KLV Kalavryta, Ach, etc.

SKO 09 12:24:56.9, 41.19N-23.92E, h2km, M1.6, ML1.9
SOF 09 12:24:57.0, 41.29N-24.00E, h5km, MD2.8
ISC 09 12:24:55.6, 1.0, 41.20N-0.03, 23.94E, 0.02, h11km, 9km,
n22, r042/36, Greece-Bulgaria border region

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

ISK 09 12:26:09.8, 37.20N-36.10E, h8km, MD2.5
ISC/JB 09 12:26:10.4, 0.5, 37.21N-0.03, 36.08E, 0.03, h7km, 13km,
Error ellipse: s-maj=5.4km s-min=4.0km az=161.0
CSEM 09 12:26:10.8, 0.2, 37.22N-36.04E, h8km, MD2.5, Error
ellipse: s-maj=5.1km s-min=4.4km az=168.0
DDA 09 12:26:11.5, 37.30N-36.08E, h7km, MD2.8
ISC 09 12:26:10.6, 1.0, 37.20N-0.03, 36.09E, 0.02, h11km, 9km,
n23, r035/34, Turkey

S33A	Kaszmual Farm, baz=142	142.52	34	P	PKPdf	12 58 22.9	-3.4
Q35A	Mercer Eighty, baz=143, SNR=11	142.63	31	P	PKPdf	12 58 22.7	-3.8
Z28A	Tucker Farm, baz=143	142.63	43	P	PKPdf	12 58 24.3	-2.5
V31A	Spring Creek L, baz=143	142.71	38	P	PKPdf	12 58 24.2	-2.5
T33A	Patterson Ranc, baz=143	142.75	35	P	PKPdf	12 58 24.3	-2.4
Y29A	Porterfield Fa, baz=143	142.77	42	P	PKPdf	12 58 24.6	-2.4
U32A	Winter Ranch, baz=143	142.80	36	P	PKPdf	12 58 24.8	-2.1
Q36A	Arnold C. Orve, baz=143	142.84	30	P	PKPdf	12 58 22.8	-4.0
CPUP	Villa Florida, comp=Z, 1nm, 1.2s, baz=142.92, SNR=67, PKIKP pmax	142.92	203	PKP	PKPdf	12 58 24.8	-2.5
CPUP	Villa Florida, comp=Z, 1nm, 1.2s, baz=142.92, SNR=67, PKIKP pmax	142.92	203	PKP	PKPdf	12 58 24.8	-2.5
X30A	Coker Ranch, T, baz=143	142.92	40	P	PKPdf	12 58 24.5	-2.7
S34A	Willow Spring, baz=143	142.93	33	P	PKPdf	12 58 23.2	-3.8
128A	Castleberry Fa, baz=143	142.95	44	P	PKPdf	12 58 24.6	-2.8
R35A	Emporia Munci, baz=143, SNR=5.1	142.95	31	P	PKPdf	12 58 24.5	-2.5
W31A	Holland Ranch, baz=143, SNR=6.1	143.03	39	P	PKPbc	12 58 24.7	+0.4
Z28A	Hungry Hill Ra, baz=143	143.10	43	P	PKPbc	12 58 25.1	+0.5
229A	UT Block 9, Go, baz=143	143.16	45	P	PKPbc	12 58 25.4	+0.6
V32A	Arapaho, baz=143, SNR=5.6	143.23	37	P	PKPbc	12 58 25.0	+0.2
Y30A	Stafford Cattl, baz=143	143.26	41	P	PKPbc	12 58 25.1	+0.1
U33A	Lingo Farm, Me, baz=143	143.28	35	P	PKPbc	12 58 24.5	-0.4
R36A	Gordon, Harris, baz=143	143.30	31	P	PKPbc	12 58 24.5	-0.4
S35A	Otter Creek Ra, baz=143, SNR=7.0	143.32	32	P	PKPbc	12 58 24.9	-0.2
129A	Stewart Farms, baz=143	143.37	44	P	PKPbc	12 58 25.9	+0.6
X31A	McDonald Ranch, baz=143, SNR=11	143.37	39	P	PKPbc	12 58 25.4	+0.2
T34A	McCleary Ranch, baz=143, SNR=8.3	143.38	34	P	PKPbc	12 58 25.3	+0.1
Q37A	Longview Farm, baz=143	143.39	29	P	PKPab	12 58 24.4	+0.4
Z30A	Sanderson Ranc, baz=144	143.47	42	P	PKPbc	12 58 26.1	+0.5
W32A	Sentinel, baz=144, SNR=9.8	143.50	38	P	PKPbc	12 58 25.9	+0.3
V33A	Lossen Ranch, baz=144	143.61	36	P	PKPbc	12 58 25.9	+0.1
U34A	Anderson Ranch, baz=144, SNR=8.8	143.65	31	P	PKPbc	12 58 25.9	+0.1
U34A	Anderson Ranch, baz=144, SNR=8.8	143.61	35	ePKPdf	PKPbc	12 58 26.6	+0.8
R37A	Rekieta Farm, baz=144, SNR=5.8	143.62	40	P	PKPbc	12 58 26.3	+0.4
Y31A	Teagarden Farm, baz=144	143.65	30	P	PKPab	12 58 25.5	+0.5
S36A	Lake Cedric, C, baz=144, SNR=5.3	143.71	31	P	PKPbc	12 58 26.0	-0.1
229A	Bryant Ranch, baz=144	143.79	44	P	PKPbc	12 58 27.2	+0.6
T35A	Sooner Cattle, baz=144, SNR=14	143.83	33	P	PKPbc	12 58 26.5	+0.1
TX31	Lajitas Ar. Si, baz=144, SNR=16	143.86	50	ePKPdf	PKPbc	12 58 27.8	+0.8
LTX	Lajitas, baz=144, SNR=16	143.86	50	ePKIKP	PKPdf	12 58 28.2	-0.8
TXAR	Lajitas Array, comp=Z, 4.1nm, 0.6s, baz=143.86, SNR=56, PKIKP pmax	143.86	50	PKP	PKPdf	12 58 28.2	-0.8
TXAR	Lajitas Array, comp=Z, 4.1nm, 0.6s, baz=143.86, SNR=56, PKIKP pmax	143.86	50	PKP	PKPdf	12 58 28.2	-0.8
X32A	Elmer, baz=144, SNR=40	143.94	39	P	PKPbc	12 58 27.4	+0.5
329A	Wagon Wheel Ra, baz=144	143.95	45	P	PKPbc	12 58 27.4	+0.4
W33A	Caddo, Fort Co, baz=144, SNR=11	143.96	37	P	PKPbc	12 58 27.7	+0.8
130A	Snyder, baz=144, SNR=16	144.00	43	P	PKPbc	12 58 27.8	+0.6
V34A	Guthrie, baz=144, SNR=6.0	144.04	36	P	PKPbc	12 58 27.9	+0.8
WNOK	Wichita Mounta, baz=144, SNR=5.3	144.05	38	ePKIKP	PKPbc	12 58 27.8	+0.6
WNOK	Wichita Mounta, baz=144, SNR=5.3	144.05	38	ePKIKP	PKPbc	12 58 27.8	+0.6
T36A	Boggs Farm, Ca, baz=144, SNR=22	144.06	32	P	PKPbc	12 58 27.2	+0.1
S37A	Fort Scott, baz=144	144.08	31	P	PKPbc	12 58 27.1	-0.1
Z31A	Sharp Cattle R, baz=144, SNR=29	144.10	41	P	PKPbc	12 58 28.2	+0.7
U35A	Pawnee, baz=144, SNR=17	144.10	34	P	PKPbc	12 58 27.4	+0.1
Y32A	R-V Farm Ver, baz=144, SNR=42	144.12	40	P	PKPbc	12 58 27.9	+0.5
HD1L	Hopedale, baz=144	144.19	22	P	PKPbc	12 58 27.5	+0.1
W34A	Bridge Creek, baz=144, SNR=5.2	144.31	37	P	PKPbc	12 58 28.8	+0.8
W34A	Bridge Creek, baz=144, SNR=5.2	144.31	37	ePKPdf	PKPbc	12 58 28.9	+0.9
230A	Sterling City, baz=144, SNR=27	144.32	44	P	PKPbc	12 58 28.9	+0.8
131A	Roby, baz=144, SNR=17	144.34	42	P	PKPdf	12 58 29.3	-0.4
X33A	Lawton, baz=144, SNR=8.6	144.35	38	P	PKPbc	12 58 28.3	+0.2
V35A	Meyer Ranch, C, baz=144, SNR=41	144.38	35	P	PKPbc	12 58 28.8	+0.3
429A	Davenport Ranc, baz=144, SNR=27	144.49	46	P	PKPdf	12 58 29.8	-0.3
T37A	Cheneyville 18, baz=144	144.52	31	P	PKPbc	12 58 28.8	+0.2
529A	Stev Forest Ra, baz=145, SNR=22	144.53	47	P	PKPbc	12 58 29.4	+0.5
Z32A	Haskell, baz=145, SNR=93	144.54	41	P	PKPdf	12 58 29.7	-0.3
330A	Mertzon, baz=145, SNR=29	144.56	45	P	PKPbc	12 58 29.3	+0.3
ACCN	Adirondack Com, baz=145, SNR=24	144.57	1	ePKPdf	PKPbc	12 58 28.8	+0.2
Y33A	Hilltop Ranch, baz=145, SNR=24	144.63	33	P	PKPbc	12 58 29.4	+0.6
U36A	Oologah, baz=145, SNR=16	144.64	39	P	PKPbc	12 58 29.4	+0.5
X34A	Smith Ranch, M, baz=145, SNR=13	144.71	37	P	PKPdf	12 58 30.2	0.0
231A	Bronite, baz=145, SNR=45	144.84	43	P	PKPdf	12 58 30.6	0.0
ABTX	Abilene, Hawle, baz=145, SNR=17	144.86	42	P	PKPdf	12 58 30.9	+0.3
ABTX	Abilene, Hawle, baz=145, SNR=17	144.86	42	ePKPdf	PKPdf	12 58 31.2	+0.6
430A	Baggett Ranch, baz=145, SNR=32	144.87	46	P	PKPdf	12 58 31.2	+0.5
W35A	Tecumseh, baz=145, SNR=25	144.90	36	P	PKPdf	12 58 30.4	-0.1
MMNV	Mt. Morris Dam, baz=145, SNR=37	144.93	7	ePKPbc	PKPab	12 58 29.3	-0.4
U37A	Salina, baz=145, SNR=37	144.96	32	P	PKPbc	12 58 30.1	+0.1
TUL1	Tulsa, baz=145, SNR=26	144.96	34	P	PKPbc	12 58 30.4	+0.4
V36A	Jenks, baz=145, SNR=56	144.97	34	P	PKPdf	12 58 30.8	+0.1
Z33A	Whitaker Ranch, baz=145, SNR=28	145.01	40	P	PKPdf	12 58 31.2	+0.4
FFIN	Scholar Farm, baz=145	145.12	19	P	PKPab	12 58 30.6	+0.2
SPIN	Scholar Farm, baz=145, SNR=32	145.12	19	ePKPbc	PKPdf	12 58 30.8	+0.1
331A	San Angelo, baz=145, SNR=43	145.13	44	P	PKPdf	12 58 31.4	+0.3
330A	J-C Ranch, Com, baz=145, SNR=237	145.15	47	P	PKPdf	12 58 32.4	+1.2
Y34A	Reagan Ranch, baz=145, SNR=74	145.20	38	P	PKPdf	12 58 31.8	+0.7
W36A	Wetumk, baz=145, SNR=32	145.28	35	P	PKPdf	12 58 31.9	+0.7
232A	Coleman, baz=145, SNR=54	145.32	43	P	PKPab	12 58 32.3	+0.8
U38A	Gravette, baz=145	145.32	32	P	PKPab	12 58 31.5	+0.2
V37A	Hulbert, baz=145, SNR=78	145.34	33	P	PKPab	12 58 31.6	+0.2

133A	Hamilton Ranch, baz=145, SNR=63	145.35	41	P	PKPab	12 58 32.7	+1.1
X35A	Drake, baz=145, SNR=63	145.37	37	P	PKPab	12 58 31.8	+0.3
431A	Sora, baz=145, SNR=66	145.37	45	P	PKPab	12 58 32.8	+1.0
SLM	Saint Louis, baz=145, SNR=25	145.48	25	ePKIKP	PKPab	12 58 31.8	0.0
SLM	Saint Louis, baz=145, SNR=25	145.48	25	ePKPdf	PKPab	12 58 31.8	0.0
Z34A	Collier Ranch, baz=146, SNR=20	145.49	39	P	PKPab	12 58 32.9	+0.8
332A	Millersview, baz=146, SNR=204	145.56	43	P	PKPab	12 58 33.5	+1.1
X36A	Centrahoma, baz=146, SNR=38	145.61	36	P	PKPab	12 58 32.8	+0.4
BINY	Binghamton, baz=146, SNR=5	145.64	4	ePKPdf	PKPdf	12 58 30.2	-1.5
BINY	Binghamton, baz=146, SNR=5	145.64	4	ePKPbc	PKPdf	12 58 33.1	+0.4
Y35A	Marietta, baz=146, SNR=13	145.67	37	P	PKPab	12 58 33.1	+0.4
531A	Rocksprings, baz=146, SNR=76	145.71	46	P	PKPab	12 58 34.0	+1.0
W37A	Quinton, baz=146, SNR=31	145.73	34	P	PKPab	12 58 33.3	+0.4
233A	Rising Star, baz=146, SNR=50	145.74	42	P	PKPab	12 58 33.7	+0.7
V38A	Canehill, baz=146	145.74	32	P	PKPbc	12 58 32.8	+0.3
432A	Menard, baz=146, SNR=36	145.83	44	P	PKPab	12 58 33.9	+0.4
134A	White-Moore Ra, baz=146, SNR=27	145.91	40	P	PKPab	12 58 34.5	+0.8
JCTA	Perchaven, San, baz=146, SNR=28	145.93	38	P	PKPab	12 58 34.0	+0.3
Z35A	Junction City, baz=146, SNR=97	146.05	45	ePKP2	PKPbc	12 58 34.0	+0.4
JCT	Junction City, baz=146, SNR=97	146.05	45	P	PKPab	12 58 34.6	+0.3
JCT	Junction City, baz=146, SNR=97	146.05	45	ePKPdf	PKPbc	12 58 34.0	+0.4
333A	Nichland Sprin, baz=146, SNR=65	146.11	43	P	PKPab	12 58 34.6	+0.1
631A	Perdido Creek, baz=146, SNR=28	146.11	47	P	PKPab	12 58 34.8	+0.3
Y36A	Duran, baz=146, SNR=24	146.16	37	P	PKPab	12 58 34.2	-0.2
X37A	Clayton, baz=146, SNR=17	146.16	35	P	PKPab	12 58 34.5	0.0
532A	Rocksprings, baz=146, SNR=35	146.19	45	P	PKPab	12 58 34.8	0.0
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	PKPbc	PKPbc	12 58 35.1	+0.5
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	PKP2	PKPbc	12 58 35.1	+0.5
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	PKPbc	PKPbc	12 58 35.1	+0.5
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	ePKPdf	PKPbc	12 58 35.1	+0.5
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	ePKPdf	PKPbc	12 58 35.0	0.0
BDFB	Brasilia, comp=Z, 1.1nm, 0.5s, baz=121.226, SNR=15	146.23	226	ePKPdf	PKPbc	12 58 37.1	+1.0
OLL	Oiney, baz=146, SNR=16	146.23	22	ePKPbc	PKPbc	12 58 34.3	+0.4
234A	Clairette, baz=146, SNR=16	146.24	41	P	PKPab	12 58 35.3	+0.3
V39A	Poteau, baz=146	146.28	33	P	PKPbc	12 58 34.6	+0.5
135A	Vickery Place, baz=146, SNR=16	146.35	40	P	PKPab	12 58 35.3	0.0
433A	Art, baz=146, SNR=51	146.38	44	P	PKPab	12 58 35.3	-0.2
BLO	Bloomington, baz=146	146.40	20	ePKP2	PKPab	12 58 35.3	0.0
BLO	Bloomington, baz=146	146.40	20	ePKPbc	PKPab	12 58 35.3	0.0
X38A	Whitesboro, baz=146	146.41	34	P	PKPab	12 58 35.7	+0.2
ACSO	Alum Creek Sta, baz=146	146.44	14	ePKPdf	PKPbc	12 58 34.0	-0.5
ACSO	Alum Creek Sta, baz=146	146.44	14	ePKPbc	PKPbc	12 58 36.2	+0.8
Y37A	Hugo, baz=146	146.46	36	P	PKPab	12 58 35.4	-0.3
Z36A	Blue Ridge, baz=146, SNR=16	146.47	38	P	PKPbc	12 58 35.3	+0.5
334A	Lometa, baz=146, SNR=28	146.60	42	P	PKPab	12 58 35.9	-0.5
632A	Uvalde, baz=147, SNR=42	146.63	46	P	PKPab	12 58 36.3	-0.2
SIUC	Southern Ilin, baz=147	146.68	24	ePKPdf	PKPbc	12 58 35.4	+0.2
SIUC	Southern Ilin, baz=147	146.68	24	ePKPbc	PKPbc	12 58 38.0	0.0
WHTX	Lake Whitney, baz=147, SNR=15	146.69	40	P	PKPab	12 58 36.7	0.0
WHTX	Lake Whitney, baz=147, SNR=15	146.69	40	ePKPdf	PKPbc	12 58 34.9	-0.5
WHTX	Lake Whitney, baz=147, SNR=15	146.69	40	ePKPbc	PKPbc	12 58 39.9	+1.2
533A	Kerrville, baz=147, SNR=20	146.83	45	P	PKPbc	12 58 36.5	+0.6
ODNJ	Ogdensburg, baz=14						

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Patterson Ranch, Stockton, Drake, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Lanzhou, Agassiz Nation, Swanville, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KOLS, KOLC, DPC, etc.

KRNET 09 13:07:27.7-0.1, 42°08'N-72°33'E, h6km, mb2.2
NNC 09 13:07:27.8-0.6, 42°03'N-72°31'E, h0km, mb2.2, mpv2.5,
Error ellipse: s-maj=5.4km s-min=2.9km azm=104.0
ISC 09 13:07:28.4±1.1, 42.030N,074.233E±0.03,h9km±12km,
n19,0c64/30,20C-6D,Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like ARK, MNAS, AML, etc.

9d 16h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like San Pedro de C, COCH, COCH, TALI, TALI, TALI.

IDC 09 15:26:25.4-0.8,30.305x177:65W,h0km,mb4.5/6, mb1.4/7,mb1mx4.3/22,mbtmp4.5/7,ML4.0/1,MS3.5/3, Ms1.3.5/3,ms1mx2.9/33,Error ellipse: s-maj=26.3km s-min=18.5km az=68.0

ISCJB 09 15:26:30.0-0.7,30.65S;0.05:177:8W,0.1,h35km, mb4.4/10,MS3.7/2,Error ellipse: s-maj=15.7km s-min=6.7km az=14.9

NEIC 09 15:26:31.5-2.1,30.16S;177:73W,h39km,18km,mb4.9/5, Error ellipse: s-maj=22.0km s-min=15.1km az=93.0

ISC 09 15:26:30.9-0.7,30.57S;0.05:177:6W,0.1,h35km,n60, a192/49,mb4.5/10,Kermadec Islands

Main table of station data for the 9d 16h period, including RAO, MXZ, WMGZ, HAZ, HAZ, PUKETI, etc.

2010 NOV

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like Cakiroluk, Karahalli, Karahalli, Karahalli, Karahalli, Kula-Manisa, etc.

MAN 09 15:46:31,12.83N-122.99E,h105km,mb4.3,ML3.1,MS2.9, 1C-1D,Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like San Andres, Odlongan, Guinayanang, Boac, Roxas, Virac, San Jose, Tavsanti, Coron.

BUIJ 09 16:02:05.6,24.20S;66:80W,h161km,mb5.0/3, NEIC 09 16:02:05.9,0.6,24.19S;66:91W,h164km,5km,mb4.4/11, Error ellipse: s-maj=9.0km s-min=5.7km az=74.0

IDC 09 16:02:06.5,0.8,24.11S;66:90W,h167km,6km,mb4.1/16, mb1.4.3/24,mb1mx4.2/45,mbtmp4.7/24,Error ellipse: s-maj=11.4km s-min=8.7km az=62.0

ISCJB 09 16:02:06.0,0.3,24.15S;0.04:67:11W,0.0,4,h182km,3km, mb4.2/25,Error ellipse: s-maj=6.7km s-min=4.4km az=36.9

SJA 09 16:02:08.3,1.0,24.14S;67:00W,h173km,34km,ML4.0 GUC 09 16:02:09.0,0.4,23.92S;67:55W,h215km,6km,ML5.6

ISC 09 16:02:07.0,0.7,24.11S;0.05:67:11W,0.0,5,h177km,5km, n81,1-c41/104,mb4.3/25,3C-1D,Chile-Argentina border region

Main table of station data for the 2010 NOV period, including San Lorenzo, Hamahuaca, Zapla, Limon Verde, etc.

418

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

NIED 09 16:18:00,33.10N;136.40E,h460km,Mw4.2 Best double couple: M=2.52000x10^15 NP1=3e277.000000, delta18.000000, lambda=57.000000. NP2=63.000000, delta75.000000, lambda=100.000000

BUIJ 09 16:18:22.6,33.02N;136:42E,h437km,mb4.4/25, mb4.6/16

MOS 09 16:18:22.8,1.0,32.96N;136:39E,h436km,mb4.2/36, Error ellipse: s-maj=11.2km s-min=6.5km az=110.7

IDC 09 16:18:24.0,0.6,33.02N;136:39E,h429km,6km,mb3.7/26, mb1.3.8/32,mb1mx3.8/48,mbtmp4.5/32,Error ellipse: s-maj=9.7km s-min=7.4km az=76.0

ISCJB 09 16:18:23.5,0.3,33.02N;0.04:136:44E,0.0,4,h41km,1km,mb4.1/52,Error ellipse: s-maj=6.8km s-min=4.9km az=158.6

JMA 09 16:18:24.3,0.2,33.06N;136:44E,h436km,2km,M3.8 NEIC 09 16:18:24.1,0.7,32.98N;136:41E,h435km,6km,mb4.3/7, Error ellipse: s-maj=23.4km s-min=9.6km az=158.0

ISC 09 16:18:24.6,0.5,33.03N;136:44E,0.05,h439km,4km, n173,1807/204,mb4.2/53,12C-9D,Near south coast of western Honshu

Main table of station data for the 2010 NOV period, including TONANKAI O.B.S, Kozaga, TONANKAI O.B.S, Ise, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BSO1, BSO1, BSO1, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BVAR, BVAR, BVAR, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like CLL, CLL, CLL, etc.

IDC 09 16:30:41.1±3.9,3.60S:99.13E,h0km,mb3.2/5,mb1 3.4/5, mb1mx3.3/37,mbtmp3.5/5, Error ellipse: s-maj=140.8km s-min=22.2km az=58.0, Southwest of Sumatera

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like CMAR, CMAR, CMAR, etc.

ISCJB 09 16:37:17.0±1.2,51.45N:0.05±16.13E,0.05,h0km, Error ellipse: s-maj=7.5km s-min=3.8km az=24.6

CSEM 09 16:37:17.0±0.6,51.49N:16.13E,h2km,ML2.9/4, Error ellipse: s-maj=8.5km s-min=4.8km az=7.0

PRU 09 16:37:18.0±1.6,51.45N:16.16E,h0km

ISC 09 16:37:18.0±1.6,51.48N:0.07±16.15E,0.04,h0km,n21, o=47/40, Poland

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KSP, KSP, KSP, etc.

ISK 09 16:49:49.9,38.74N:28.82E,h6km,MD2.6

ISCJB 09 16:49:50.1±0.5,38.71N:0.02±28.87E,0.04,h9km,6km, Error ellipse: s-maj=5.4km s-min=3.6km az=3.1

DDA 09 16:49:50.5,38.71N:28.83E,h7km,MD2.6

CSEM 09 16:49:50.4±0.2,38.72N:28.84E,h12km,MD2.6, Error ellipse: s-maj=3.9km s-min=2.8km az=95.0

ISC 09 16:49:50.9,38.72N:0.02±28.86E,0.03,h11km±10km, n21, o=52/38, Turkey

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KULA, KULA, KULA, etc.

9d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zeytinkoy-Aydi, Balikesir, etc.

SKO 09 16:51:17.2, 41°61'N-22°37'E, h33km, M1.5, ML1.9, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valadovo, comp=N, 120nm, 0.6s, etc.

BUIJ 09 17:27:48.4, 4°78'S-99°66'E, h11km, mb4.6/11, mb4.9/6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valadovo, comp=N, 120nm, 0.6s, etc.

NEIC 09 17:27:57.8, 0.4, 3.77S-99°65'E, h10km, mb4.4/11, Error ellipse: s-maj=11.0km s-min=5.6km az=223.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valadovo, comp=N, 120nm, 0.6s, etc.

AUST 09 17:27:58.6, 3°84'S-99°96'E, h0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valadovo, comp=N, 120nm, 0.6s, etc.

DJA 09 17:28:11.4, 0.6, 3°S-3°10'0E, h36km, 5km, MM, 6/17, mb4.5/4, mb5.2/2, MLV4.6/17, Mw(mb)4.6/2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valadovo, comp=N, 120nm, 0.6s, etc.

ISC 09 17:27:58.1, 0.5, 3.74S-0°05'99.67E, 0.05, h10km, n86, a120/83, mb4.4/29, MS2.9/4, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pulau Pagai, Saibi, Padang, Kapahiang, etc.

2010 NOV

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

Table with columns: WMO, PMZ, 10.0nm, 1.1s. Includes stations like KSAR, KRSR, CMSA, etc.

420

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Table with columns: KUR, YSS, 100nm, 0.3s. Includes stations like A, S, Pn.

Vertical text on the right side of the page, including station names and coordinates like IDC 09 17:36:04.3, 0.6, 14°84'S-173°84'W, etc.

Table with columns: TXAR, comp-Z, 125nm, 19.6s, baz=0.0, slow=30, LR, LR, 18 16 36.5, CD2, comp-Z, 190nm, 13.1s, LE, LZ, etc. Lists various stations and their characteristics.

Table with columns: CD2, comp-Z, 190nm, 13.1s, LE, LZ, CMAR, comp-Z, 320nm, 15.5s, LR, LR, 18 25 24.7, LZH, comp-Z, 48nm, 20.6s, baz=80, slow=32, LZH, Lanzhou, 92.78 306, etc. Lists various stations and their characteristics.

Table with columns: TALC, comp=N, 1.0m, 0.5s, AML, AML, 17 47 34.7, IDC 09 17:48:45.7, 7.0, 273S, 150.18E, h74km, mb3.4/2, mb1 3.8/5, mb1mx3.4/30, mbtm3.9/5, ML3.6/2, Error, etc. Lists various stations and their characteristics.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Nioudou, Chiawan, Nan Shan, Hualien, Sanguang, Hehuan Shan, Yonaguni jima, Danda, Sun Moon Lake, Yuch, Alishan, Tsauling.

JMA 09 18:02:31.8±0.2,24.34N±121.92E,h46km±4km,M1.8
ISCJB 09 18:02:32.7±0.3,24.43N±122.00E±0.02,h25km±4km,
Error ellipse: s-maj=5.7km s-min=3.0km az=165.8
TAP 09 18:02:32.3±0.2,24.43N±121.96E,h27km,ML2.8,D
ISC 09 18:02:32.6±0.2,24.45N±121.97E±0.03,h28km±7km,
n29,c059/48,1D,Taiwan

Main table for 9d 18h section with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Suao, ENA, TWE, EGS, ENTT, TWD, NNS, HWA, NSK, TWA, WHF, TWT, ESL, JYNG, YOJ, WDT, TWQ1, EHY, SMLT, TYC, TWF1, YUS, CHNS, IRIF, JKRS, JIJ, JJJ, JISG, NIED, NEIC, ISCJB, BJJ, JMA, TAP, CHNS.

Main table for 2010 NOV section with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HWA, ENA, TWE, EGS, ILA, TWE, EHY, ENTT, WHF, NNS, YULB, TWF1, TWB1, WDT, TWT, YHNB, HATJ, IRIF, CHKT, CHKT, NSK, NSK, NWF, TWA, TWA, SSSL, TATO, SMLT, SMLT, TAP1, TAP1, YUS, YUS, TAP, TAP, TYC, TYC, JKRS, JKRS, ELDTW, ELDTW, TWS1, TWS1, ALS, ALS, NCU, NCU, TQW1, TQW1, WNT, WNT, WNT, WNT, JIJ, JIJ, HSN, HSN, HSN, HSN, NSY, NSY, TCU, TCU, TTT, TTT, CHNS, CHNS, CHNS, CHNS, WGW, WGW, WGW, WGW, TPCUB, TPCUB, PCYT, PCYT.

Main table for 2010 NOV section with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PCYT, WTP, WTP, CHN2, CHN2, JISG, JISG, ECL, ECL, SGST, SGST, CHN1, CHN1, CHY, CHY, TWK, TWK, TWCT, TWCT, WATCT, WATCT, LAY, LAY, SSD, SSD, WSF, WSF, WSF, WSF, CHN3, CHN3, CHN3, CHN3, TAW, TAW, EAST, EAST, EAST, EAST, CHN8, CHN8, SGLT, SGLT, SGLT, SGLT, TWM1, TWM1, TWM1, TWM1, SCLT, SCLT, SCLT, SCLT, JTJ, JTJ, TAI1, TAI1, SCZT, SCZT, TSEB, TSEB, HEN, HEN, HEN, HEN, TWK1, TWK1, TWP, TWP, WDG, WDG, WDG, WDG, JIRB, JIRB, JIKM, JIKM, JIKM, JIKM, JOGS, JOGS, OZH, OZH, OZH, OZH, KSMR, KSMR, HHC, HHC, USRK, USRK, CMAR, CMAR, GTA, GTA, GTA, GTA, ULN, ULN, SONM, SONM, WMQ, WMQ, MKR, MKR, MKAR, MKAR, MAZK, MAZK, ZAAO, ZAAO, ZALV, ZALV, TKM2, TKM2, AAK, AAK, EKS2, EKS2, WRAB, WRAB, WRA, WRA, KKAR, KKAR, ASAR, ASAR, ABKAR, ABKAR, NWAOW, NWAOW.

9d 21h

Table of astronomical observations for 9d 21h, listing station names (e.g., JMU, AML, MNAS), station coordinates, and observation data (e.g., time, magnitude, position angle).

2010 NOV

Table of astronomical observations for 2010 NOV, listing station names (e.g., GUN, VOSK, VOSTOCHNAYA), station coordinates, and observation data (e.g., time, magnitude, position angle).

428

Table of astronomical observations for 428, listing station names (e.g., XAN, HHC, ENH), station coordinates, and observation data (e.g., time, magnitude, position angle).

Summary information including station names, coordinates, and observation details for the 428 section, such as 'IDC 09 21:22:23.9... 1.377S:99.42E, h0km, mb3.4/4, mb1 3.7/4...'.

9d 23h

Table with columns for station name, frequency, power, and signal quality. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

2010 NOV

Table with columns for station name, frequency, power, and signal quality. Includes stations like OBN comp=Z,6.0nm,0.9s, OBN comp=Z,83nm,15.0s, AKASG comp=Z,2.3nm,0.6s, etc.

430

Table with columns for station name, frequency, power, and signal quality. Includes stations like INK comp=Z,1.06nm,2.9s, INK comp=Z,2.6nm,0.6s, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like IDC 09 22:50:02.9n,1.5, 14:52:5x178:99W, etc.

MOS 09 22:58:47.9n,2.9, 49:15N:157:27E, h30km, mb4.6/1, Error ellipse: s-maj=44.9km s-min=6.8km az=83.7

KRSC 09 22:58:48.0n,2.3, 49:15N:157:27E, h30km, mb4.6/1, Error ellipse: s-maj=44.9km s-min=6.8km az=83.7

Table with columns for station name, frequency, power, and signal quality. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

ISCJB 09 23:51:44.7,0.5, 39:88N:0:03-29:31E,0:04, h3km, mb6km, Error ellipse: s-maj=4.7km s-min=4.3km az=36.9

ISK 09 23:51:44.3, 39:87N-29:35E, h6km, MD2.5 Error ellipse: s-maj=4.5, 39:80N-29:30E, h7km, MD2.6

CSEM 09 23:51:45.0, 0.1, 39:87N-29:32E, h8km, MD2.5, Error ellipse: s-maj=2.5km s-min=2.3km az=126.0

ISC 09 23:51:44.8n,1.1, 39:88N:0:02-29:32E:0:02, h7km, mb10km, n25, 0:36/42, Turkey

Table with columns for station name, frequency, power, and signal quality. Includes stations like ORLT Orhaneli, ORLT Orhaneli, IGD Bursa, etc.

Table with columns: GULT, BALB, BALB, BALB, KHAL, KHAL, KHAL, KHAL. Includes station names like Balikesir, Karahalli and various time/phase data.

ISCJB 09:23:52.09:7.0, 9.29:18N:0.08:14:99W:0.04, h10km, Error ellipse: s-maj=1.0km s-min=4.6km az=174. CSEM 09:23:52:14.3, 29:10N:14:96W, h60km, mb3.77, After MDD MDD 09:23:52:14.3, 29:10N:14:96W, h60km, mb3.77, Error ellipse: s-maj=4.0km s-min=0.9km az=3.0, PRXIMO TT-model: Canary

Main table for 2010 NOV section 1, listing stations like Fuerteventura, Osorio, Famará, Bajar, etc. with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res.

TAP 10 00:36:13.3, 21:88N, 120:58E, h39km, ML3.5, 5D, D, Taiwan region

Main table for 2010 NOV section 2, listing stations like Hengchun, Tawu, Tawu, ECL, SGLT, SSD, LAY, TWM1, TWM2, SGST, CHN1, CHN1, WTP, ELDTW, CHKT, TW1, TW1, ALS, CHN5, CHN5, EHY.

Table with columns: EHY, SMLT, TYC, TYC, WHF, WHF, TWQ1. Includes station names like Sun Moon Lake, Yuch, Hehuan Shan, Liyutan.

NNC 10 00:47:30.8:1.0, 37:08N:71:11E, h212km, 7km, mb2.7, mpv3.6, Error ellipse: s-maj=9.8km s-min=4.3km az=159.0

Main table for 2010 NOV section 3, listing stations like DZET, DZET, SFK, SFK, AML, MNAS, MNAS, UCH, KZA, EK2S, KK31, AAK, AAK, AAK, KBK, ULHL, TKM2, AB31, AKTO.

DJA 10 00:52:06.0:3.2, S:4:12:9E, h10km, M3.3/5, MLV3.3/5, Seram region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like MSAI, AAI, SWI, NLAJ, NLAJ, LBMI, SANI, SANI.

MEX 10 01:17:22.0:4.6, 16:37N:99:42W, h22km, 28km, MD3.9, Near coast of Guerrero

Main table for 2010 NOV section 4, listing stations like ACX, CAIG, MEIG, MEIG, TLIG, PNIG, PLIG, ARIG, ZLIG, HUIG, HUIG.

BUI 10 01:23:28.2:36:10S:73:42W, h7km, mb5.1/8, Ms5.2/6, Ms7.0/7

UDC 10 01:23:28.7:0.5, 36:39S:73:27W, h0km, mb4.6/17, mb1.4/7.21, mb1mx4.6/36, mbtmp4.6/21, ML4.2/4, MS4.2/12, Ms1.4/2.12, ms1mx4.1/24, Error ellipse: s-maj=2.1, km s-min=11.1km az=88.0 GUC 10 01:23:30.3:0.8, 36:43S:73:56W, h22km, 6km, ML4.9, GCMT 10 01:23:31.0:0.4, 36:52S:73:55W, h29km, 1km, MW5.0/48, Moment Tensor Solution. s31,c36; s48,c64; Duration: 0 Moment tensor: Scale 10^19Nm; Mir3.9e23; Mww-0.08; 13; Mww-3.8e18; Mww-0.09; 17; Mww-0.02; 13; Mw-1.7; 23; Best double couple: M4.29400, 1016 NP1=181.00000; 357.00000; 9.1.00000; NP2=359.00000; 333.00000; 1.88.00000; Principal axes: T 4.3350, Plg78.0000; Azm95.0000; N -0.0800, Plg1.0000; Azm1.0000; P -4.2530, Plg12.0000; Azm270.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 10 01:23:31.6:0.8, 36:37S:0:03:73:28W:0.06, h28km, 6km, mb4.9/67, MS4.3/9 Error ellipse: s-maj=8.2km s-min=5.5km az=177.7

NEIC 10 01:23:31.0, 36:44S:73:36W, h7km, mb5.1/58, ML4.7(GUC), After GUC.

NEIC Felt [V] at Cauquenco, Concepcion, La Laja and San Rosendo; [II] at Renaico and Temuco. Also felt at Coronel, Talcahuano, Tome and Yumbel.

ISC 10 01:23:32.7:0.7, 36:39S:0:04:73:29W:0.02, h28km, 4km, n465, o093/476, mb5.0/67, MS4.4/9, 1D, Near coast of central Chile

Main table for 2010 NOV section 5, listing stations like CCSP, COCH, COCH, CCHI, CCHI, TALC, TALC, NICH, NICH, ROCH, ROCH, PLCA, PLCA.

Main table for 2010 NOV section 6, listing stations like PLCA, CFAA, CFAA, CFAA, LCO, LCO, TRQA, LVC, LVC, CPUP, CPUP, EFI, USHA, LPAZ, LPAZ, SIV, NNA, NNA, SAML, BDFB, BDFB, OTAV, PTGA, EKI, PCRV, VNA3, VNA1, VNA2, SNA3, SNA3, SNA3, GSPA, RKT, CRPR, OBIP, CELP, SJG, LRS, SBA, VNSA, VNSA, VNSA, SYO, TBI, TBI, MEH, TIGA, 933A, 737A, 834A, TVO, TIAR, 736A, 735A, 833A, PPT2, PPT2, PPT, 832A, 636A, 732A, 536A, 633A, 535A, 438A, GOGA, 632A, 340A, 534A, LRAL, 339A, 631A, 533A, 338A, 435B, 337A, JSC, 532A, 434A, 239A, 336A, 531A, 335A, JCT, JCT, 238A, 433A.

10d 1h

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include MAW, MAW, MAW, 237A, 530A, 334A, TXAR, TXAR, TX31, 432A, 236A, 431A, 139A, 529A, 333A, KM5C, KM5C, 138A, WHTX, WHTX, 137A, 430A, 332A, 429A, 136A, 234A, 331A, OXF, 233A, 238A, 135A, SWET, CPCT, 232A, 237A, 330A, TKL, 134A, 231A, 236A, 339A, 133A, 230A, Y38A, ABTX, ABTX, Y37A, 229A, MIAR, 234A, Y36A, 131A, 233A, 130A, Y35A, WVT, 228A, X38A, 232A, Y34A, 231A, W38A, X36A, X35A, 128A, Y33A, 230A, W37A, MNXT, MNXT, Y32A, 229A, X34A, W36A, X33A, Y31A, 228A, W35A, X32A, PBMO, V38A, SUR, WMOK, V37A.

2010 NOV

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include Y29A, CPXR, W34A, V36A, X31A, TUL1, TUL1, W33A, X30A, V35A, U38A, W32A, USIN, MSTX, MSTX, U37A, X29A, V34A, U36A, W31A, V33A, U35A, V32A, AMTX, AMTX, 121A, T37A, U34A, U34A, W29A, V31A, T36A, U33A, T35A, V30A, U32A, T34A, S37A, S36A, V28A, T33A, S35A, ACSO, U30A, DBIC, DBIC, R37A, T32A, T31A, LAZ, Q37A, ANMO, 214A, R34A, T29A, R33A, S30A, HDIL, S29A, Q34A, R32A, R31A, S28A, P36A, Q33A, R30A, P35A, Q32A, P34A, T25A, Q34A, P32A, Q34A, P31A, Q33A, SDCO, SDCO.

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Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include N35A, Y12C, M37A, N34A, P29A, WUAZ, WUAZ, BOSA, M36A, P28A, S22A, BC3, O30A, MVCO, IRM, PFO, L36A, O28A, Q24A, K38A, N29A, M31A, K36A, GMRC, PV05, SMCO, ISCO, ISCO, BFSC, L31A, J36A, L30A, TUQ, I38A, J34A, L29A, K31A, GSC, I37A, EDW2, K30A, SHPR, CCUT, J32A, ECSD, ECSD, H37A, N23A, K29A, LRMC, O20A, H36A, MSU, K28A, J30A, I33A, P18A, MPMC, P17A, FURC, TMUT, H35A, ISA, SPMN, J29A, DAC, G36A, I30A, J28A, H32A, H33A, G35A, J27A, VES, CWC, H31A, GRAC, SUSD, MPU, J26A, F36A, I28A, O16A, NLU, R11A, R11A, F35A.

Table of meteorological data for stations 433-975. Columns include station ID, name, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for stations 975-1925. Columns include station ID, name, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for stations 1925-3000. Columns include station ID, name, coordinates, and various parameters like elevation and frequency.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like PASC Green Verdugo, GSC Goldstone, TUC Tucson, SHPR Sheep Range, ISA Isabella, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like THIG Las Nubes, PCIG Comitan, RTR El Retiro, SNJL San Jose, MRL Marmol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like THL Kozani, KZN Kozani, KZN Kozani, KZN Kozani, etc.

ISCJB 10 01:29:47.8, 1.2, 34.78N, 0.04, 25.39E, 0.04, h15km, 6km, mb3.77, Error ellipse: s-maj=7.7km s-min=5.8km az=21.9

DDA 10 02:19:22.3, 36.56N, 28.09E, h6km, Md2.6

ISCJB 10 01:29:49.2, 1.3, 34.81N, 0.05, 25.32E, 0.02, h10km, 6km, mb3.77, Error ellipse: s-maj=7.7km s-min=5.8km az=21.9

CSEM 10 01:29:49.8, 0.3, 34.83N, 0.25, 25.28E, h2km, MD3.3, Error ellipse: s-maj=7.3km s-min=3.9km az=177.0

ISC 10 02:19:26.6, 1.6, 36.64N, 0.10, 27.96E, 0.07, h10km, Error ellipse: s-maj=22.8km s-min=7.9km az=28.0

ISC 10 01:29:49.2, 1.3, 34.81N, 0.05, 25.32E, 0.02, h10km, 6km, mb3.77, Error ellipse: s-maj=7.7km s-min=5.8km az=21.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like SIVA Sivas, NPS Neapolis, IACM Heraklion, ANOY Anoyia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like BDRM Kayabasi, DALY Dalyan (Mu'la), FETY Fethiye, AYDN Tasuluk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like FNA Florida, FNA Florina, FNA Florina, etc.

ISC 10 02:30:44.2, 36.0, 36.60N, 71.71E, h0km, mb4.0/4, mb1 4.0/5, mb1mx3.5/45, mbtmp3.9/5, ML3.3/1, MS5.0/1, Ms1 5.0/1, ms1mx2.9/44, Error ellipse: s-maj=65.7km s-min=58.6km az=159.0

ISC 10 02:19:28.8, 37.13N, 28.22E, h9km, MD2.6

ISC 10 02:30:44.2, 36.0, 36.60N, 71.71E, h0km, mb4.0/4, mb1 4.0/5, mb1mx3.5/45, mbtmp3.9/5, ML3.3/1, MS5.0/1, Ms1 5.0/1, ms1mx2.9/44, Error ellipse: s-maj=65.7km s-min=58.6km az=159.0

NNC 10 02:31:13.3, 1.6, 37.69N, 71.74E, h188km, 1.1km, mb2.6, mp3.8, Error ellipse: s-maj=14.2km s-min=5.4km az=158.0

ISC 10 02:31:12.6, 1.8, 37.77N, 0.1, 71.72E, 0.08, h200km, n13, r120N/18, mb3.9/4, 11C-1D, Afghanistan-Tajikistan border region

ISC 10 02:31:12.6, 1.8, 37.77N, 0.1, 71.72E, 0.08, h200km, n13, r120N/18, mb3.9/4, 11C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like DZET Dzherino, DZET Thira Island, SFK Sufi-Kurgan, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AAK Ala-Archa, AKK Karatay Array, KK31, AB31 Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AXAR Agios Charalambos, SMIA Simia, JAN Janina, etc.

ATH 10 01:29:50.6, 34.92N, 25.27E, h20km, MD3.3/15

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.4/20, ML3.7

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.4/20, ML3.7

CSEM 10 02:39:07.7, 0.1, 40.00N, 22.46E, h10km, MD3.4, Error ellipse: s-maj=2.8km s-min=2.2km az=88.0

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.7

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.7

ISC 10 02:39:08.1, 0.8, 40.01N, 0.01, 22.46E, 0.10, h12km, 5km, n272, r190/4/312, mb3.8/3, 23C-18D, Greece

ISC 10 02:39:08.1, 0.8, 40.01N, 0.01, 22.46E, 0.10, h12km, 5km, n272, r190/4/312, mb3.8/3, 23C-18D, Greece

ISC 10 02:39:08.1, 0.8, 40.01N, 0.01, 22.46E, 0.10, h12km, 5km, n272, r190/4/312, mb3.8/3, 23C-18D, Greece

ISC 10 02:39:05.6, 3.9, 39.92N, 22.37E, h10km, MD3.3

ISC 10 02:39:05.6, 3.9, 39.92N, 22.37E, h10km, MD3.3

ISC 10 02:39:05.6, 3.9, 39.92N, 22.37E, h10km, MD3.3

ISC 10 02:39:06.8, 0.5, 40.03N, 0.01, 22.48E, 0.02, h8km, 4km, mb3.7/8, Error ellipse: s-maj=2.5km s-min=2.0km az=3.2

ISC 10 02:39:06.8, 0.5, 40.03N, 0.01, 22.48E, 0.02, h8km, 4km, mb3.7/8, Error ellipse: s-maj=2.5km s-min=2.0km az=3.2

ISC 10 02:39:06.8, 0.5, 40.03N, 0.01, 22.48E, 0.02, h8km, 4km, mb3.7/8, Error ellipse: s-maj=2.5km s-min=2.0km az=3.2

ISC 10 02:39:07.7, 0.1, 39.92N, 22.46E, h10km, MD3.4

ISC 10 02:39:07.7, 0.1, 39.92N, 22.46E, h10km, MD3.4

ISC 10 02:39:07.7, 0.1, 39.92N, 22.46E, h10km, MD3.4

ISC 10 02:39:07.7, 0.1, 40.00N, 22.46E, h19km, MD3.4/20, ML3.7

ISC 10 02:39:07.7, 0.1, 40.00N, 22.46E, h19km, MD3.4/20, ML3.7

ISC 10 02:39:07.7, 0.1, 40.00N, 22.46E, h19km, MD3.4/20, ML3.7

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.7

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.7

ISC 10 02:39:09.3, 0.4, 0.04N, 22.46E, h19km, MD3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AKTO Aktyubinsk, LIT Litokhoron, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AKTO Aktyubinsk, LIT Litokhoron, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like AKTO Aktyubinsk, LIT Litokhoron, TORO Torodi Ar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VILL, THAL, KLV, LTK, KEK, GUR, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MKAR, ZALV, ILAR, KSR5, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES, CPUP, ISK, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like LZH Lanzhou, SNY Shenyang, CAN Canberra, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like NKL Nikolayevsk, TLY Talaya, WMQ Wujiaochang, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like NVS Novosibirsk, KKAR Karatay Array, SEY Seymench, etc.

TRF	Thorfare Moun	86.74	27	eP	P	03 22 05.2 -0.5
RC01	Rabbit Creek A	86.79	29	eP	P	03 22 04.8 -0.9
PTK	Petek	87.13	309	eP	P	03 22 08.2 +0.1
COLD	Coldfoot	87.15	23	eP	P	03 22 07.5 +0.2
BWN	Browne	87.17	26	eP	P	03 22 08.3 +0.8
SVRC	SVRICA LAZID	87.18	308	eP	P	03 22 08.2 -0.1
MCK	McKinley	87.37	26	eP	P	03 22 07.1 -1.4
MCK	McKinley	87.37	26	eP	P	03 22 07.0 -1.4
SML	Sawmill	87.51	28	eP	P	03 22 07.8 -1.4
SML	Sawmill	87.51	28	eP	P	03 22 07.8 -1.4
VORD	Divinogorie	87.61	321	eP	P	03 22 08.7 -1.2
VORD	Divinogorie	87.61	321	eP	P	03 22 08.7 -1.2
VORD	Divinogorie	87.61	321	eP	P	03 22 08.7 -1.2
VSR	Storozevoje	87.70	321	eP	P	03 22 08.9 -1.4
VSR	Storozevoje	87.70	321	eP	P	03 22 08.9 -1.4
MDM	Murphy Diver	87.76	25	eP	P	03 22 09.3 -1.1
WRH	Wood River Hill	87.79	26	eP	P	03 22 09.5 -0.9
MALT	Malatyia	87.87	308	eP	P	03 22 12.1 +0.5
MALT	Malatyia	87.87	308	eP	P	03 22 12.1 +0.5
LPSR	Galich'ya Gora	87.90	322	eP	P	03 22 10.2 -1.0
LPSR	Galich'ya Gora	87.90	322	eP	P	03 22 10.2 -1.0
COLA	College	87.92	251	eP	P	03 22 09.7 -1.3
COLA	College	87.92	251	eP	P	03 22 09.7 -1.3
COLA	College	87.92	251	eP	P	03 22 09.7 -1.3
KLMR	Klimovskoe	87.92	331	eP	P	03 22 06.5 -4.6
KLMR	Klimovskoe	87.92	331	eP	P	03 22 06.5 -4.6
CCB	Clear Creek Bu	87.92	25	eP	P	03 22 09.8 -1.3
HDA	Harding Lake	88.28	26	eP	P	03 22 11.3 -1.5
IL1	Eielson Array	88.33	25	eP	P	03 22 10.6 -2.4
ILAR	Eielson Array	88.33	25	eP	P	03 22 11.1 -1.9
ILAR	Eielson Array	88.33	25	eP	P	03 22 11.1 -1.9
DARE	Darende-Malaty	88.61	308	eP	P	03 22 15.2 +0.2
MOS	Moscow	88.75	326	eP	P	03 22 13.1 -2.0
MOS	Moscow	88.75	326	eP	P	03 22 13.1 -2.0
KMBO	Kilima Mbogo	88.83	269	eP	P	03 22 16.2 -0.5
KMBO	Kilima Mbogo	88.83	269	eP	P	03 22 16.2 -0.5
KMBO	Kilima Mbogo	88.83	269	eP	P	03 22 16.2 -0.5
SYO	Syowa Base	89.15	2011	eP	P	03 22 15.7 -1.1
OBN	Obninsk	89.34	3251	eP	P	03 22 17.0 -0.9
OBN	Obninsk	89.34	3251	eP	P	03 22 17.0 -0.9
OBN	Obninsk	89.34	3251	eP	P	03 22 17.0 -0.9
SARI	Sardiz-Kayseri	89.45	308	eP	P	03 22 18.3 -0.8
DOT	Dot Lake	89.54	27	eP	P	03 22 17.6 -1.1
QSPF	QSPF	89.69	27	eP	P	03 22 19.1 -0.5
QSPF	QSPF	89.69	27	eP	P	03 22 19.1 -0.5
APA	Apacity	90.01	337	iP	MLR	03 22 23.0 -0.6
EIL	Eilat	90.75	300	P	P	03 22 25.2 +0.1
EGAK	Eagle	90.78	25	eP	P	03 22 24.1 -0.4
CORM	Corum	90.81	310	eP	P	03 22 24.1 -1.3
NIG	Nigde	90.87	308	eP	P	03 22 24.3 -1.6
SIM	Simferopol'	91.07	315	P	P	03 22 25.6 -0.7
BRTR	Beskin Array B	91.59	310	P	P	03 22 27.2 -1.8
BRTR	Beskin Array B	91.59	310	P	P	03 22 27.2 -1.8
CSS	CSS	91.99	305	eP	P	03 22 29.6 -1.2
AFSR	Afar-Bala (A	92.04	309	eP	P	03 22 29.5 -1.5
ARCES	ARCESS Array B	93.27	340	P	P	03 22 34.2 -1.8
ARCES	ARCESS Array B	93.27	340	P	P	03 22 34.2 -1.8
ARCES	ARCESS Array B	93.27	340	P	P	03 22 34.2 -1.8
INK	Inuvik	93.43	21	P	P	03 22 35.7 -0.9
INK	Inuvik	93.43	21	P	P	03 22 35.7 -0.9
INK	Inuvik	93.43	21	P	P	03 22 35.7 -0.9
INK	Inuvik	93.43	21	P	P	03 22 35.7 -0.9
SPB2	Spitsbergen Ar	93.43	21	eP	P	03 22 36.2 -0.4
SPB5	Spitsbergen Ar	93.54	349	eP	P	03 22 37.1 +0.1
SPA2	Spitsbergen Ar	93.54	349	eP	P	03 22 36.4 -0.6
SPA0	Spitsbergen Ar	93.54	349	eP	P	03 22 36.7 -0.4
SKAG	Skagway	93.99	30	eP	P	03 22 39.7 +0.3
AKASG	Malin Array Be	94.00	321	P	P	03 22 37.4 -2.2
AKASG	Malin Array Be	94.00	321	P	P	03 22 37.4 -2.2
KIEV	Kiev	94.01	321	P	P	03 22 38.4 -1.3
KIEV	Kiev	94.01	321	P	P	03 22 38.4 -1.3
FINES	FINESS Array B	94.39	332	P	P	03 22 39.0 -2.2
FINES	FINESS Array B	94.39	332	P	P	03 22 39.0 -2.2
FINES	FINESS Array B	94.39	332	P	P	03 22 39.0 -2.2
NACGM	Naroch	94.98	325	e	P	03 22 42.0 -2.0
TESR	Tescani	96.16	317	iP	P	03 22 47.8 -1.9
VRI	Vrincioia	96.19	316	iP	P	03 22 49.1 -0.7
VRI	Vrincioia	96.19	316	iP	P	03 22 49.1 -0.7
MLR	Muntele Rosu	96.78	316	iP	P	03 22 52.0 -0.1
MLR	Muntele Rosu	96.78	316	iP	P	03 22 52.0 -0.1
DLBC	Dease Lake	96.87	31	P	P	03 22 52.8 +0.1
BURAR	Bucovina Array	96.98	318	iP	P	03 22 53.0 -0.5
BUR04	Bucovina Ar. S	96.99	318	iP	P	03 22 52.7 -0.8
SUU	Suwalki	97.20	325	eP	P	03 22 53.2 -0.9
SUU	Suwalki	97.20	325	eP	P	03 22 53.2 -0.9
ARR	Arges	97.71	316	iP	Pdf	03 22 57.5 +0.6
LSZ	Lusaka	97.72	255	eP	P	03 22 57.2 -0.3
LSZ	Lusaka	97.72	255	eP	P	03 22 57.2 -0.3
APE	Apeiranthos	98.14	3071	eP	P	03 22 56.9 -2.0
KWP	Kalwaria Pacla	98.30	320	eP	Pdf	03 22 59.4 +0.1

KWP	Kalwaria Pacla	98.30	320	eP	Pdf	03 22 59.4 +0.1
KWP	Kalwaria Pacla	98.30	320	eP	Pdf	03 22 59.4 +0.1
RKT	Rikitea	98.42	113	eLR	LR	03 22 55.8 -3.5
KOLS	Koronické sedl	98.70	320	eP	Pdf	03 23 01.2 +0.1
KOLS	Koronické sedl	98.70	320	eP	Pdf	03 23 01.2 +0.1
UZH	Uzhgorod	98.75	319	eP	P	03 23 00.8 -0.5
DRGR	DRGR	98.80	317	iP	P	03 23 01.4 -0.3
DRGR	DRGR	98.80	317	iP	P	03 23 01.4 -0.3
STHS	Stebnicka Huta	98.27	320	eP	Pdf	03 23 03.8 +0.1
STHS	Stebnicka Huta	98.27	320	eP	Pdf	03 23 03.8 +0.1
VYHS	Vyhne	101.02	320	eP	Pdf	03 23 10.4 -1.0
VYHS	Vyhne	101.02	320	eP	Pdf	03 23 10.4 -1.0
NB2	NORSAR Subarra	101.02	320	Pdf	Pdf	03 23 10.9 -2.0
NOA	NORSAR Array B	101.40	333	P	P	03 23 10.9 -2.0
NOA	NORSAR Array B	101.40	333	P	P	03 23 10.9 -2.0
NOA	NORSAR Array B	101.40	333	P	P	03 23 10.9 -2.0
YKA	Yellownknife Ar	102.73	25	PKIKP	PKIKP	03 27 38.5 -0.8
BRG	Berggishubel	103.45	323	eP	Pdf	03 23 22.1 -0.1
BRG	Berggishubel	103.45	323	eP	Pdf	03 23 22.1 -0.1
BRG	Berggishubel	103.45	323	eP	Pdf	03 23 22.1 -0.1
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
CLL	Collin	103.88	323	eP	Pdf	03 23 25.0 +1.0
GERES	GERES Array B	104.21	321	Pdf	Pdf	03 23 26.4 +0.7
GERES	GERES Array B	104.21	321	Pdf	Pdf	03 23 26.4 +0.7
GERES	GERES Array B	104.21	321	Pdf	Pdf	03 23 26.4 +0.7
GERES	GERES Array B	104.21	321	Pdf	Pdf	03 23 26.4 +0.7
GERES	GERES Array B	104.21	321	Pdf	Pdf	03 23 26.4 +0.7
DAVA	Damuels	107.14	320	iP	Pdf	03 27 45.0 -3.2
NV01	Mina Array Sit	109.56	49	eP	Pdf	03 23 51.3 +1.4
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
NVAR	Mina Array Bea	109.56	49	Pdf	Pdf	03 23 50.7 +0.8
EDW2	Edwards Air Fo	110.80	52	P	PKIKP	03 27 55.4 +0.2
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
ELK	Elko	111.08	46	PKIKP	PKIKP	03 27 54.9 -0.9
KEST	Kesra	111.18	309	PKIKP	PKIKP	03 27 55.5 -0.4
GSC	Goldstone	111.61	52	P	PKIKP	03 27 57.2 +0.4
R11A	Troy Canyon, C	111.62	48	P	PKIKP	03 27 56.4 -0.5
EGMT	Eagleton	111.79	37	P	PKIKP	03 27 56.0 -0.7
BELC	Belle Mtn. Jos	112.63	53	P	PKIKP	03 27 59.3 +0.5
DUG	Dugway	113.00	45	P	PKIKP	03 27 58.6 -0.8
SWG	Sam W. Stewart	113.09	54	P	PKIKP	03 27 60.0 +0.4
REDW	Red Top Meadow	113.12	42	ePKP	Pdf	03 28 00.1 +0.5
BC3	Big Chuckwalk	113.16	53	P	PKIKP	03 28 00.8 +0.9
IRM	Iron Mountain	113.25	52	P	PKIKP	03 28 00.3 +0.4
WUAZ	Wupatki	115.75	50	P	PKP	03 28 05.7 +0.9
WUAZ	Wupatki	115.75	50	P	PKP	03 28 05.7 +0.9
O20A	White River Ci	116.24	44	P	PKP	03 28 06.0 +0.3
E26A	Carlson Angus	116.87	35	P	PKP	03 28 06.5 0.0
F26A	Lodgepole	117.08	36	P	PKP	03 28 06.4 -0.5
W18A	Petrified Fore	117.14	50	P	PKP	03 28 06.5 -1.0
A29A	Manning Farm,	117.26	32	P	PKP	03 28 06.7 -0.5
MVCO	Mesa Verde	117.26	47	P	PKP	03 28 07.2 -0.6
I25A	Rockford	117.40	38	P	PKP	03 28 06.9 -0.8
E27A	Carson	117.41	35	P	PKP	03 28 07.1 -0.4
G26A	Maurine					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Hungry Hill Ra, Scanlan Farm, Coker Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Lake Whitney, Canehill, Blue Ridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Petropavlovsk, Russkaya, Apacha, etc.

10d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, ARCES ARCESS Array B, GERES GERESS Array B, etc.

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

IDC 10 03:40:58.3-6.7, 22'60S-179'89W, h631km, mb4.6/6, m1 4.8/7, mb1mx3.6/43, mbmtpp3.8/6, Error ellipse: s-maj=42.9km s-min=23.4km az=57.0, South of Fiji Islands

NEIC 10 03:45:29.1-0.6, 32'65Sx179'08W, h0km, mb4.6/5, m1 4.8/7, mb1mx3.6/43, mbmtpp3.8/6, Error ellipse: s-maj=30.7km s-min=23.9km az=120.0

ISC 10 03:45:29.1-0.6, 32'65Sx179'08W, h0km, mb4.6/5, m1 4.8/7, mb1mx3.6/43, mbmtpp3.8/6, Error ellipse: s-maj=30.7km s-min=23.9km az=120.0

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

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comp=Z,0.7nm,1.0s,baz=202,slow=1.6,SNR=5.5 PKPab PKPab 04 06 06.2 +0.1
comp=Z,0.7nm,0.7s,baz=169,slow=4.4,SNR=4.3

IDC 10 03:49:56.1+1.4, 52'49N-169'89W, h0km, mb3.8/4, m1 4.0/6, mb1mx3.6/43, mbmtpp3.8/6, ML3.6/2, Error ellipse: s-maj=56.0km s-min=21.0km az=141.0

NEIC 10 03:50:03.0, 52'55N-169'60W, h21km, mb3.5/1, ML3.7(AEIC), After AEIC.

ISC 10 03:50:03.0, 52'52.60N-2.20E-169'59W, h0.07, h27km, 14km, n45, s177/48, mb3.8/4, Fox Islands

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including NIKH Nikolski South, OKSO Okmok High, OKSO Okmok Cone E, etc.

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Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including E03A Lebam, WDC Whiskeytown Da, WDC Whiskeytown Da, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like SSSLB Suanglung, MBAR Mbarara, HOPE Hope Point, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like NUJ, BANOM Banah, XAN, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like HHC Hu-ho-hao-te, KSAR Wonju Array Be, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like CN2, MK01, MKAR, MAKZ, PLCA, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like BRVK, KBZ, Khabaz, Kislovodsk, KIV, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like MNK, MNL, NIE, Niedzica, NIE, etc.

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BRG	comp=E,3um,15.2s	MLR	MLR		
BRG	comp=Z,6um,22.6s	MLR	MLR		
DAVA	comp=Z,21nm,1.2s	119.49 309	ijPKP	PKP	04 24 16.6 +3.0
BNI	Bardonecchia	119.97 305	PFAKE	LR	04 24 30.0 +1.5
GRF	comp=Z,16um,20.0s	120.19 312	ePKP	PKP	04 24 18.1 +3.5
GRFO	comp=Z,7um,19.0s	120.19 312	PFAKE	LR	04 24 30.0 +1.5
CLL	Collm	120.23 314	ePKIKP	PKP	04 24 14.0 -0.6
CLL	comp=Z,7um,19.5s	120.23 314	ePKP	PKP	04 24 14.0 -0.6
CLL	comp=Z,10nm,0.9s		iPKP	max	04 24 22.4
CLL	comp=Z,19nm,1.0s		ePP	PP	04 25 39.0 -2.0
CLL	comp=Z,157nm,2.4s		e		04 26 06.0
CLL	comp=Z,101nm,2.1s		ePPP	PPP	04 28 12.0
CLL			eSKKSac	SKKSac	04 32 42.0 +2.9
CLL			eSdif	Sdif	04 33 29.0 -2.1
CLL			ePS	PS	04 35 30.0 -0.6
CLL			ePPS	PPS	04 37 00.0
CLL			e		04 38 06.0
CLL			eSS	SKKSdf	04 42 00.0 -6.7
CLL			eSSS	SSS	04 46 36.0
CLL			eSSSS		04 50 06.0
CLL			e		04 54 12.0
CLL			eLm	MLR	05 24 00.0
CLL	comp=N,5um,20.1s		Lm	MLR	05 24 00.0
CLL	comp=E,5um,19.3s		Lm	MLR	05 24 00.0
CLL	comp=Z,7um,19.5s		Lm	MLR	05 24 00.0
CLL	Collm	120.23 314	ePKP	PKP	04 24 15.9 +1.4
CLL	comp=Z,9um,20.0s		ePKP	PKP	04 24 17.2 +1.9
SEMIN	Lac Senin/Sane	120.38 307	ePKP	PKP	04 24 17.2 +1.9
FINES	comp=Z,1um,19.0s	120.71 328	PKP	PKP	04 24 14.7 -0.5
STU	comp=Z,5.0nm,0.8s,baz=113,slow=2.3,SNR=9.1	120.73 310	PFAKE	LR	04 24 30.0 +1.4
BFO	Black Forest	120.95 309	ePKIKP	PKP	04 24 14.4 -1.7
BFO	Black Forest	120.95 309	ePKP	PKP	04 24 14.4 -1.7
SSB	Saint Sauveur	121.34 304	PFAKE	LR	04 24 30.0 +1.3
BSD	Bornholm Skovb	121.53 318	ePKIKP	PKP	04 24 20.6 +3.7
BSO	Bornholm Skovb	121.53 318	ePKP	PKP	04 24 20.6 +3.7
RGN	Rugen	121.95 317	PFAKE	LR	04 24 30.0 +1.2
RTC	Rabat Centre	121.98 288	PFAKE	LR	04 24 30.0 +1.1
LVZ	Lovozero	122.22 337	iPKP	PKP	04 24 20.9 +2.9
APA	Apacity	122.35 336	iPKP	PKP	04 24 24.4 +6.2
APA			i		04 26 00.0
APA			i		04 31 24.0
APA			i		04 35 45.0
APA			iPS	PS	04 35 30.0 +3.9
APA			iSS	SS	04 42 37.0 +2.5
APA			iSS	SS	04 42 37.0 +2.5
APA	comp=Z,31nm,1.0s		MLR	MLR	
NNA	Nana	122.36 188	PFAKE	LR	04 24 30.0 +1.0
SAML	Samuel	122.67 204	ePKP	PKP	04 24 21.9 +1.4
SAML	Walterdange	122.89 309	PFAKE	LR	04 24 30.0 +1.0
WLF	comp=Z,1um,18.0s		MLR	MLR	
COP	Copenhagen	123.02 318	ePKIKP	PKP	04 24 22.0 +2.2
COP	Copenhagen	123.02 318	iPKP	PKP	04 24 22.0 +2.2
ES19	SONSECA Array	123.34 295	ePKP	PKP	04 24 20.2 -0.8
ESDC	SONSECA Array	123.36 295	ePKP	PKP	04 24 21.0 -0.1
PAB	comp=Z,7.6nm,0.8s,baz=98,slow=1.3,SNR=18	123.54 294	PFAKE	LR	04 24 30.0 +8.5
ATKA	Atka Island	123.85 48	PFAKE	LR	04 24 30.0 +8.5
DOU	Dourbes	123.97 309	PKP	PKP	04 24 23.6 +1.8
PVAQ	Vaqueiros	124.52 290	ePKP	PKP	04 24 26.7 +3.4
PVAQ	Vaqueiros	124.52 290	eSS	SS	04 43 12.3 +9.0
PVAQ	Vaqueiros	124.52 290	eLQ	LQ	04 57 32.9
PVAQ	Vaqueiros	124.52 290	eLR	LR	05 05 16.3
PBDV	Barranco-do-Ve	124.57 290	ePKP	PKP	04 24 27.7 +4.2
BILL	Bilbino	124.69 250	ePKIKP	PKP	04 24 23.3 +0.8
BILL			eSS	SSS	04 47 42.6
BILL			iSSS	SSS	04 47 42.6
BILL			iSSS	SSS	04 47 42.6
PFVI	Vila Bisbo	125.10 289	PFAKE	LR	04 24 40.0 +1.6
PMRV	Marv???	125.43 293	eSS	SS	04 43 18.2 +3.5
PMRV	Marv???	125.43 293	eLQ	LQ	04 57 34.4
PMRV	Marv???	125.43 293	eLR	LR	05 06 27.6
PNCL	Nicolau / Gran	125.45 291	ePKP	PKP	04 24 28.7 +3.6
KEV	Kevo	125.55 336	PFAKE	LR	04 24 40.0 +1.6
ARCES	ARCESS Array B	125.85 336	PKP	PKP	04 24 24.7 -0.1
MTE	Manteigas	126.06 294	eSS	SS	04 43 23.6 +1.0
MTE	Manteigas	126.06 294	eLQ	LQ	04 57 42.7
MTE	Manteigas	126.06 294	eLR	LR	05 08 53.9
MTE	Manteigas	126.06 294	PFAKE	LR	04 24 40.0 +1.4
MVO	Moncorvo	126.14 295	ePKP	PKP	04 24 30.5 +4.1
MVO	Moncorvo	126.14 295	eSS	SS	04 43 28.9 +5.3
MVO	Moncorvo	126.14 295	eLQ	LQ	05 09 23.1
MVO	Moncorvo	126.14 295	eLR	LR	05 23 20.3
NB2	NORSAR Subarrat	126.38 323	PKP	PKP	04 24 26.4 +0.2
NB2	NORSAR Subarrat	126.38 323	PKP	PKP	04 24 26.4 +0.2
NOA	NORSAR Array B	126.38 323	PKP	PKP	04 24 26.4 +0.2
KONO	Kongsberg	126.59 321	PFAKE	LR	04 24 40.0 +1.4
NB002	NORSAR Array S	126.54 323	ePKP	PKP	04 24 26.1 -0.4
NIKH	Nikolski High	127.05 49	PFAKE	LR	04 24 40.0 +1.2
ATAH	Atahualpa	127.30 187	PKP	PKP	04 24 31.2 +1.3
PGAV	Gaveira, Arco	127.35 295	eSS	SS	04 43 37.6 -1.2
PGAV	Gaveira, Arco	127.35 295	eLQ	LQ	04 58 56.9
PGAV	Gaveira, Arco	127.35 295	eLR	LR	05 07 53.4
PMOZ	Porto Moniz, M	128.35 280	eLR	LR	05 07 47.9
CMWF	Charnwood Fore	128.49 310	PFAKE	LR	04 24 40.0 +1.0

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CWF	comp=Z,13um,22.0s	LR	LR		
UNV	Unalaska Valle	128.70 49	PFAKE	LR	04 24 40.0 +9.3
DYA	Yadsworth	128.88 306	PFAKE	LR	04 24 40.0 +8.8
AKUT	Akutan	129.22 49	PFAKE	LR	04 24 40.0 +8.3
PTGA	Pitinga	129.34 211	PKP	PKP	04 24 32.9 -0.4
PTGA	Pitinga	129.34 211	ePKP	PKP	04 24 32.9 -0.4
GAMB	Gambell	130.43 36	PFAKE	LR	04 24 50.0 +1.6
ESK	Eskdalemuir	130.62 312	PFAKE	LR	04 24 50.0 +1.6
DSB	Dublin	131.47 309	PFAKE	LR	04 24 50.0 +1.4
SPB1	Spitsbergen Ar	132.19 344	ePKP	PKP	04 24 35.8 -1.0
SPB4	Spitsbergen Ar	132.20 344	ePKP	PKP	04 24 38.5 +1.7
SDPT	Sand Point	132.52 49	PFAKE	LR	04 24 50.0 +1.2
TNA	Tin City	132.58 34	PFAKE	LR	04 24 50.0 +1.2
KBS	Kingsbay	133.27 345	PFAKE	LR	04 24 50.0 +1.1
PAYG	Puerto Ayora	133.55 171	PFAKE	LR	04 24 50.0 +8.7
OTAV	Otavallo	134.60 187	ePKP	PKP	04 24 45.0 +1.1
SII	Sitkinak Islan	136.26 49	PFAKE	LR	04 25 00.0 +1.5
SWW2	Sparrevohn	136.73 42	ePKP	PKP	04 24 46.4 +0.7
CM	Cha da Macela	136.74 281	PFAKE	LR	04 25 00.0 +1.4
HOM	Homer	138.33 45	PFAKE	LR	04 25 00.0 +1.1
CNMP	China Poot	138.51 45	PFAKE	LR	04 25 00.0 +1.1
ROSC	El Rosal	138.61 194	PKP	PKP	04 24 51.3 +0.1
ROSC	El Rosal	138.61 194	ePKP	PKP	04 24 48.4 -2.8
PPLA	Purkeypile	138.64 40	ePKP	PKP	04 24 49.0 -0.3
BRLK	Bradley Lake	138.73 45	PFAKE	LR	04 25 00.0 +1.1
CAST	Castle Rocks	138.76 39	PFAKE	LR	04 25 00.0 +1.1
ROSA	Rosais	139.07 281	PFAKE	LR	04 25 00.0 +9.3
SUA	Susitna One	139.09 42	ePKP	PKP	04 24 48.1 -2.1
KTH	Kantishna Hill	139.30 39	PFAKE	LR	04 25 00.0 +1.0
BPAW	Bear Paw Mtn.	139.33 38	ePKP	PKP	04 24 49.3 -1.1
SEW	Seward	139.50 45	PFAKE	LR	04 25 00.0 +9.3
RCO1	Rabbit Creek A	139.52 43	ePKP	PKP	04 24 49.4 -1.4
MLY	Manley	139.53 37	ePKP	PKP	04 24 48.9 -1.9
TRF	Thorfare Moun	139.57 40	ePKP	PKP	04 24 48.7 -2.3
DAG	Danmarks Havn	139.58 341	iPKP	PKP	04 24 55.9 +5.4
COLD	Coldfoot	139.57 34	ePKP	PKP	04 24 49.9 -1.4
BWN	Browne	140.00 38	PFAKE	LR	04 25 00.0 +8.4
MCK	McKinley	140.20 39	ePKIKP	PKP	04 24 50.9 -1.1
MCK	McKinley	140.20 39	ePKP	PKP	04 24 50.9 -1.1
RND	Reindeer	140.21 40	ePKIKP	PKP	04 24 52.0 -0.1
RND	Reindeer	140.21 40	ePKP	PKP	04 24 52.0 -0.1
SML	Sawmill	140.28 42	PFAKE	LR	04 25 00.0 +7.8
MDM	Murphy Dome	140.59 37	PFAKE	LR	04 25 00.0 +7.3
WRH	Wood River Hill	140.62 38	ePKP	PKP	04 24 44.4
COLA	College	140.74 37	PKIKP	PKP	04 24 53.0 +0.1
COLA	College	140.74 37	PFAKE	LR	04 25 00.0 +7.1
CCB	Clear Creek Bu	140.75 38	ePKP	PKP	04 24 45.6
DHY	Denali Highway	140.85 40	PFAKE	LR	04 25 10.0 +1.7
HDA	Harding Lake	141.11 38	ePKP	PKP	04 24 54.3 +0.7
IL1	Eielson Array	141.15 38	ePKP	PKP	04 24 46.1
ILAR	Eielson Array	141.15 38	ePKP	PKP	04 27 48.8 -7.5
ILAR	Eielson Array	141.15 38	ePKP	PKP	04 24 45.0
ILAR	Eielson Array	141.15 38	ePKP	PKP	04 24 54.1 +0.5
KLU	Klutina	141.39 43	ePKP	PKP	04 24 53.2 -1.1
KLU	Klutina	141.39 43	ePKP	PKP	04 24 59.0 -0.5
DIV	Divide	141.43 43	PFAKE	LR	04 25 10.0 +1.6
SCO	Scoresbysund	141.50 332	iPKP	PKP	04 25 00.4 +6.3
BORG	Borgasnes	141.56 322	PFAKE	LR	04 25 10.0 +1.6
PAX	Paxson	141.71 41	ePKIKP	PKP	04 24 52.4 -2.4
PAX	Paxson	141.71 41	ePKP	PKP	04 24 52.4 -2.4
SDV	Santo Domingo	141.74 201	PFAKE	LR	04 25 10.0 +1.3
BBGH	Gun Hill	141.75 220	PFAKE	LR	04 25 10.0 +1.4

10d 4h

HARP	comp=Z,16um,20.0s	141.82 41	PFAKE	LR	04 25 10.0 +1.5
RAGM	Ragged Mountai	141.90 45	PFAKE	LR	04 25 10.0 +1.5
BMRM	Bremner River	141.98 44	ePKP	PKP	04 24 55.6 +0.3
DOT	Dot Lake	142.36 39	ePKP	PKP	04 24 53.2
BCIP	Isla Barro Col	143.55 186	PFAKE	LR	04 25 10.0 +1.0
EGAK	Eagle	143.61 38	ePKP	PKP	04 24 54.8
FDL	Fort de France	143.86 219	ePKIKP	PKP	04 24 59.0 -1.0
FDL	Fort de France	143.86 219	ePKP	PKP	04 24 59.0 -1.0
PCA	Pinnacle	144.08 45	ePKP	PKP	04 24 58.1 +0.9
DAW	Dawson	144.42 39	ePKP	PKP	04 24 57.4 -0.4
BBL	Barber Block	144.71 219	ePKP	PKP	04 25 00.5 +0.2
JTS	JuntasAbangare	144.80 178	ePKP	PKP	04 25 00.8 +0.1
JTS	JuntasAbangare	144.80 178	ePKP	PKP	04 25 00.8 +0.1
H06S1	SOCORRO T	144.			

Table with columns for race number, horse name, jockey, trainer, odds, and race details. Includes entries like FMP Fort Macarthur, L02D Cave Junction, OSI Osito Adit, etc.

Table with columns for race number, horse name, jockey, trainer, odds, and race details. Includes entries like GRAC Grapevine Rang, MOD Modoc, NV01 Mina Array Sit, etc.

Table with columns for race number, horse name, jockey, trainer, odds, and race details. Includes entries like HLID Hailey, 035A Encino, MNTX Cornudas Mount, etc.

LOHW 230A	Long Hollow Sterling City	160.72 160.74	86 129	ePKP PKP	Pd Pd	04 25 24.3 04 25 25.6	+0.2 +1.3
636A	Smothers Creek baz=161	160.75 142	PKP	Pd	04 25 25.6	+1.3	
433A	Art baz=161	160.89 136	PKP	Pd	04 25 25.3	+0.8	
H17A	Grant Village baz=161	160.94 84	PKP	Pd	04 25 26.9	+2.5	
535A	Dale baz=161	161.00 140	PKP	Pd	04 25 25.9	+1.3	
637A	Eagle Lake baz=161	161.02 144	PKP	Pd	04 25 26.9	+2.3	
S22A	4UR Ranch, Cre baz=161	161.02 106	PKP	Pd	04 25 26.4	+1.7	
S22A	4UR Ranch, Cre baz=161	161.02 106	ePKP	Pd	04 25 25.5	+0.7	
Z28A	Tucker Farm, M baz=161	161.06 124	PKP	Pd	04 25 24.4	-0.3	
332A	Millersview baz=161	161.07 133	PKP	Pd	04 25 26.5	+1.8	
O20A	White River Ci baz=161	161.19 98	PKP	Pd	04 25 26.6	+1.9	
O20A	White River Ci baz=161	161.19 98	ePKP	Pd	04 25 24.5	-0.3	
231A	Bronte baz=161	161.20 131	PKP	Pd	04 25 25.6	+0.8	
BW06	Boulder Array baz=161	161.22 89	ePKP	Pd	04 25 25.8	+1.0	
MXST	Muleshoe baz=161	161.31 122	PKP	Pd	04 25 26.2	+1.3	
MXST	Muleshoe baz=161	161.31 122	ePKP	Pd	04 25 24.6	-0.3	
434A	Burnet baz=161	161.33 137	PKP	Pd	04 25 26.3	+1.3	
130A	Snyder baz=161	161.36 128	PKP	Pd	04 25 26.3	+1.3	
330A	Richtland Spin baz=161	161.40 135	PKP	Pd	04 25 26.8	+1.8	
Z29A	Hungry Hill Ra baz=161	161.43 125	PKP	Pd	04 25 26.9	+1.8	
232A	Coleman baz=162	161.52 132	PKP	Pd	04 25 26.5	+1.3	
Y28A	McKinney Farm, baz=162	161.58 123	PKP	Pd	04 25 27.0	+1.8	
537A	Green Hill Far baz=162	161.59 143	PKP	Pd	04 25 27.6	+2.4	
435B	Jarrell baz=162	161.63 139	PKP	Pd	04 25 26.1	+0.8	
SMCO	Snowmass baz=162	161.64 102	ePKP	Pd	04 25 26.5	+1.0	
SMCO	Hockey baz=162	161.64 102	ePKP	Pd	04 26 11.5	+0.8	
HKT	Hockey baz=162	161.68 144	ePKP	Pd	04 25 26.5	+1.3	
HKT	Hockey baz=162	161.68 144	ePKP	Pd	04 25 26.4	+1.3	
HKT	Hockey baz=162	161.68 144	ePKP	Pd	04 25 35.3	+1.0	
HKT	Hockey baz=162	161.68 144	ePKP	Pd	04 25 12.0	+1.7	
131A	Roby baz=162	161.73 129	PKP	Pd	04 25 27.7	+2.4	
334A	Lometa baz=162	161.78 136	PKP	Pd	04 25 25.7	+0.3	
Z30A	Sanderson Ranc baz=162	161.78 126	PKP	Pd	04 25 26.2	+0.8	
Y29A	Porterfield Fa baz=162	161.88 124	PKP	Pd	04 25 25.3	-0.2	
SDCO	Great Sand Dun baz=162	161.91 108	PKP	Pd	04 25 25.9	+0.2	
SDCO	Great Sand Dun baz=162	161.91 108	ePKP	Pd	04 25 25.6	-0.1	
436A	Wall Ranch, Ga baz=162	161.98 141	PKP	Pd	04 25 26.9	+1.4	
DRLN	Deer Lake baz=162	161.98 291	ePKP	Pd	04 25 24.4	-0.6	
DRLN	Deer Lake baz=162	161.98 291	ePKP	Pd	04 26 10.7	-0.7	
EGMT	Eagleton baz=162	161.99 73	PKP	Pd	04 25 25.4	+0.2	
EGMT	Eagleton baz=162	161.99 73	ePKP	Pd	04 25 28.5	+3.4	
ECMT	Eagleton baz=162	161.99 73	ePKP	Pd	04 25 28.5	+3.4	
RLMT	Red Lodge baz=162	162.00 82	PKP	Pd	04 25 25.9	+0.5	
RLMT	Red Lodge baz=162	162.00 82	ePKP	Pd	04 25 26.1	+0.6	
Z33A	Rising Star baz=162	162.00 134	PKP	Pd	04 25 25.9	+0.3	
238A	Dimmitt baz=162	162.03 122	PKP	Pd	04 25 24.9	-0.7	
538A	Harpers Horsep baz=162	162.06 145	PKP	Pd	04 25 25.0	-0.7	
ABTX	Abilene, Hawle baz=162	162.09 131	PKP	Pd	04 25 24.5	-1.2	
ABTX	Abilene, Hawle baz=162	162.09 131	ePKP	Pd	04 25 26.6	+0.9	
357A	Moody baz=162	162.12 138	PKP	Pd	04 25 25.0	-0.7	
539A	Cross D Ranch, baz=162	162.26 147	PKP	Pd	04 25 25.7	-0.2	
X29A	Tulia baz=162	162.28 123	PKP	Pd	04 25 24.7	-1.2	
T25A	Trinidad baz=162	162.30 111	PKP	Pd	04 25 26.8	+0.8	
T25A	Trinidad baz=162	162.30 111	ePKP	Pd	04 25 25.5	-0.5	
437A	Phantom Ranch, baz=162	162.31 142	ePKP	Pd	04 25 33.4	+7.4	
Y30A	Stafford Cattl baz=162	162.34 126	PKP	Pd	04 25 25.3	-0.7	
Z31A	Sharp Cattle R baz=162	162.35 128	PKP	Pd	04 25 24.2	-1.7	
234A	Clairette baz=162	162.38 135	PKP	Pd	04 25 25.3	-0.7	
133A	Hamilton Ranch baz=162	162.46 132	PKP	Pd	04 25 24.4	-1.7	
V27A	Dan Oppiter Fa baz=162	162.47 117	PKP	Pd	04 25 24.4	-1.7	
336A	Riesel baz=163	162.48 140	PKP	Pd	04 25 25.9	-0.1	
438A	Sam Houston St baz=163	162.53 144	PKP	Pd	04 25 26.0	-0.2	
W28A	Vega baz=163	162.53 120	PKP	Pd	04 25 24.4	-1.7	
AMTX	Amarillo baz=163	162.59 122	PKP	Pd	04 25 25.0	-1.2	
AMTX	Amarillo baz=163	162.59 122	ePKP	Pd	04 25 26.8	+0.5	
WHTX	Lake Whitney baz=163	162.70 137	PKP	Pd	04 25 26.1	-0.1	
Z32A	Haskell baz=163	162.71 130	PKP	Pd	04 25 26.1	-0.1	
X30A	Coker Ranch, T baz=163	162.76 124	PKP	Pd	04 25 27.2	+0.9	
Y31A	Rekieta Farm, baz=163	162.76 127	PKP	Pd	04 25 26.7	+0.4	
W29A	Amraille baz=163	162.78 121	PKP	Pd	04 25 25.2	-1.2	
Q24A	Divide baz=163	162.78 105	PKP	Pd	04 25 26.2	-0.3	
337A	Centerville baz=163	162.84 142	PKP	Pd	04 25 25.8	-0.7	
V28A	Channing baz=163	162.84 118	PKP	Pd	04 25 24.2	-2.2	
ISCO	Idaho Springs baz=163	162.86 102	ePKP	Pd	04 25 27.5	+0.9	
ISCO	Idaho Springs baz=163	162.86 102	ePKP	Pd	04 25 24.8	-1.8	
ISCO	Idaho Springs baz=163	162.86 102	ePKP	Pd	04 25 27.5	+0.9	
134A	White-Moore Ra baz=163	162.86 134	PKP	Pd	04 25 25.3	-1.2	
Z33A	Whitaker Ranch baz=163	163.07 131	PKP	Pd	04 25 24.4	-2.2	
N23A	Red Feather La baz=163	163.10 98	PKP	Pd	04 25 25.0	-1.8	
N23A	Red Feather La baz=163	163.10 98	ePKP	Pd	04 25 27.0	+0.3	
440A	Kirbyville baz=163	163.12 148	PKP	Pd	04 25 25.5	-1.2	
338A	Crockett baz=163	163.12 143	PKP	Pd	04 25 25.5	-1.2	
236A	Katherine and baz=163	163.14 139	PKP	Pd	04 25 26.0	-0.6	
135A	Vickery Place, baz=163	163.18 136	PKP	Pd	04 25 25.1	-1.7	
Y32A	R-V Farms, Ver baz=163	163.25 128	PKP	Pd	04 25 25.6	-1.1	
K22A	Casper baz=163	163.31 92	PKP	Pd	04 25 24.2	-2.6	
K22A	Casper baz=163	163.31 92	ePKP	Pd	04 25 26.6	-0.2	
V29A	Stinnett baz=163	163.35 119	PKP	Pd	04 25 24.2	-2.7	
339A	Huntington baz=164	163.41 145	PKP	Pd	04 25 25.3	-1.7	
X31A	McDonald Ranch baz=164	163.41 126	PKP	Pd	04 25 23.7	-3.2	
W30A	Crockett Farms baz=164	163.46 123	PKP	Pd	04 25 25.8	-1.2	
237A	Washetta, Mont baz=164	163.46 141	PKP	Pd	04 25 25.8	-1.1	
136A	Ennis baz=164	163.53 138	PKP	Pd	04 25 25.9	-1.1	
Z34A	Collier Ranch, baz=164	163.58 133	PKP	Pd	04 25 26.0	-1.1	

X32A	Elmer baz=164	163.65 128	PKP	Pd	04 25 26.0	-1.1
Y30A	Hilltop Ranch, baz=164	163.70 130	PKP	Pd	04 25 26.1	-1.1
340A	Bronson baz=164	163.75 147	PKP	Pd	04 25 25.6	-1.7
Z38A	Jacksonville baz=164	163.76 143	PKP	Pd	04 25 26.1	-1.1
V30A	Spur Ranch, Mi baz=164	163.78 121	PKP	Pd	04 25 27.2	-0.1
W31A	Holland Ranch, baz=164	163.83 124	PKP	Pd	04 25 26.2	-1.1
Z35A	Perthaven, San baz=164	163.88 135	PKP	Pd	04 25 27.3	-0.1
U29A	Oasis Ranch, S baz=164	163.88 118	PKP	Pd	04 25 26.8	-0.6
137A	Heron Place, G baz=164	163.99 140	PKP	Pd	04 25 26.3	-1.1
Z39A	Gary baz=164	164.05 144	PKP	Pd	04 25 26.4	-1.1
Y34A	Reagan Ranch, baz=164	164.12 132	PKP	Pd	04 25 26.0	-1.6
WMOK	Wichita Mouna baz=164	164.16 128	ePKP	Pd	04 25 28.0	+0.4
WMOK	Wichita Mouna baz=164	164.16 128	ePKP	Pd	04 25 28.0	+0.4
X33A	Lawton baz=164	164.17 129	PKP	Pd	04 25 26.5	-1.1
W32A	baz=164 baz=164	164.18 126	PKP	Pd	04 25 27.0	-0.6
S28A	Manter baz=164	164.19 114	PKP	Pd	04 25 26.5	-1.1
Z36A	Blue Ridge baz=164	164.24 137	PKP	Pd	04 25 27.1	-0.6
V31A	Spring Creek L baz=164	164.30 123	PKP	Pd	04 25 27.7	-0.1
LAO	LASA Array baz=164	164.31 78	PKP	Pd	04 25 26.6	-0.8
LAO	LASA Array baz=164	164.31 78	ePKP	Pd	04 25 28.0	+0.6
T29A	Hugoton baz=164	164.31 116	PKP	Pd	04 25 27.2	-0.6
U30A	WK&C Inc. Balk baz=164	164.32 119	PKP	Pd	04 25 27.7	-0.1
138A	Matatal Enter baz=164	164.34 142	PKP	Pd	04 25 27.7	-0.1
Y35A	Marietta baz=164	164.45 134	PKP	Pd	04 25 25.7	-2.1
KSCO	Kaye Shedlock' baz=165	164.50 108	PKP	Pd	04 25 26.8	-1.1
KSCO	Kaye Shedlock' baz=165	164.50 108	ePKP	Pd	04 25 25.9	-2.1
KSCO	Kaye Shedlock' baz=165	164.50 108	ePKP	Pd	04 25 30.2	+2.2
Z37A	Pogue Cattle C baz=165	164.56 139	PKP	Pd	04 25 27.9	-0.1
X34A	Smith Ranch, M baz=165	164.58 130	PKP	Pd	04 25 28.9	+1.0
W33A	Caddo, Fort Co baz=165	164.64 128	PKP	Pd	04 25 28.0	+0.0
139A	Bankhouse Ranc baz=165	164.66 144	PKP	Pd	04 25 28.5	+0.5
R28A	Tribune baz=165	164.68 112	PKP	Pd	04 25 27.0	-1.1
U31A	Nine Bar Ranch baz=165	164.69 121	PKP	Pd	04 25 27.0	-1.1
S29A	Ulysses baz=165	164.71 115	PKP	Pd	04 25 27.5	-0.6
Z32A	Arapaho baz=165	164.72 125	PKP	Pd	04 25 28.0	0.0
T30A	Plains baz=165	164.73 118	PKP	Pd	04 25 28.6	+0.5
Y36A	Durant baz=165	164.82 136	PKP	Pd	04 25 28.1	0.0
X35A	Drake baz=165	164.87 133	PKP	Pd	04 25 29.2	+1.0
Z38A	Ult. Pleasant baz=165	164.89 141	PKP	Pd	04 25 29.2	+1.0
Q28A	Sharon Springs baz=165	165.06 109	PKP	Pd	04 25 26.3	-2.1
W34A	Bridge Creek, baz=165	165.09 129	PKP	Pd	04 25 26.8	-1.6
W34A	Bridge Creek, baz=165	165.09 129	ePKP	Pd	04 26 34.1	+3.6
S30A	Montezuma baz=165	165.13 116	PKP	Pd	04 25 27.9	-0.5
FFC	Flin Flon baz=165	165.16 45	ePKP	Pd	04 25 27.4	-0.3
FFC	Flin Flon baz=165	165.16 45	ePKP	Pd		

10d 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like D28A Regan, A28A Rude Farm, B28A Dugan Ranch, etc.

2010 NOV

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like J34A George, N37A Lee Paris, M36A Felix, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KHAL Karahalli, KHAL Karahalli, KHL Karahalli, etc.

IDC 10 04:59:40.2;3.2, 4.83S;133.85E, h0km, mb3.7/1, mb1 3.8/5, mb1mx3.6/27, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=119.0km s-min=26.1km az=78.0, lrian

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like SIJI Sorong, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

ISCJB 10 05:08:01.0;1.1, 51.50N;0.05;16.13E;0.05, h0km, Error ellipse: s-maj=7.1km s-min=3.9km az=24.5

CSEM 10 05:08:01.9;0.6, 51.52N;16.13E, h2km, ML2.9/7, Error ellipse: s-maj=8.5km s-min=5.1km az=1.0

ISC 10 05:08:02.8;1.6, 51.50N;0.07;16.10E;0.04, h0km, n23, 0;546/40, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KSP Ksiaz, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

IDC 10 04:17:22.3;3.0, 4.90S;133.60E, h0km, mb4.1/1, mb1 4.1/5, mb1mx3.8/28, mbtmp3.9/5, ML3.7/4, Error ellipse: s-maj=119.9km s-min=25.3km az=79.0, lrian

DDA 10 04:43:58.2, 39.02N;29.51E, h7km, Md2.6

CSEM 10 04:43:58.6;0.1, 39.02N;29.51E, h2km, Md2.8, Error ellipse: s-maj=1.8km s-min=1.7km az=120.0

ISC 10 04:43:58.7;1.0, 39.02N;29.46E, h6km, Md2.8

ISC 10 04:43:58.7;1.0, 39.02N;0.02;29.52E;0.02, h8km;10km, n42, c030/61, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TVSB Tavsani, TVSB Tavsani, TVSB Tavsani, etc.

ISCJB 10 05:21:09.8;2.4, 3.87N;95.52E, h0km, mb3.9/3, mb1 4.2/5, mb1mx3.7/41, mbtmp4.0/5, ML3.9/1, MS4.1/1, MS1.4/3, ms1mx3.8/38, Error ellipse: s-maj=83.0km s-min=24.1km az=56.0

ISCJB 10 05:21:12.1;1.1, 4.45N;0.05;96.06E;0.07, h10km, mb3.9/3, Error ellipse: s-maj=10.5km s-min=7.3km az=164.3

DJA 10 05:21:15.6;1.0, 4.4N;3.96E;1.1, h10km, M4.1/6, MLV4.1/6

ISC 10 05:21:13.9;1.2, 4.46N;0.05;96.14E;0.10, h10km, n10, c111/14, mb4.2/3, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MLSI Meulaboh, MLSI Meulaboh, MLSI Meulaboh, etc.

10d 8h

Table with columns: MKAR Makanchi Array, ARCES ARCESS Array B, 56.50 324 P, 0.5nm, 0.4s, baz=117, slow=7.4, SNR=12, P, 07 29 23.2 -0.1

IDC 10 07:21:10.9s.9.55:72S:29:36W, h0km, mb4.0/2, mb1.4/1.2, mb1mx3.8/1.5, mbtmp4.0/2, Error ellipse: s-maj=132.2km s-min=47.7km az=175.0

ISCJB 10 07:21:12.1s.1.1.55:4S:0:2:29:3W:0.6, h10km, mb4.0/2, Error ellipse: s-maj=49.3km s-min=15.3km az=156.6

ISC 10 07:21:13.2s.1.1.55:5S:0:2:29:4W:0.3, h10km, n7, r1:138/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz

ISCJB 10 07:41:50.2:0.0.7.32:27N:0.04:115:41W:0.04, h8km, 7km, Error ellipse: s-maj=7.9km s-min=5.7km az=152.9

ECX 10 07:41:50.9:0.5.32:26N:115:35W, h5km, MD2.4, ML2.6, MEX 10 07:41:51.4:0.5.32:26N:115:35W, h12km, 214km, MD3.7

ISC 10 07:41:50.9:0.5.32:27N:0.05:115:40W:0.03, h18km, 2km, n17, r0:39/24, 4C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CPBX Cerro Prieto, MBIG Mexicali, MBIG Mexicali, SGL Mount Signal

ISCJB 10 07:55:02.0:0.6.32:27N:0.03:115:35W:0.05, h13km, 6km, Error ellipse: s-maj=7.7km s-min=4.9km az=148.0

ECX 10 07:55:01.3:0.6.32:26N:115:35W, h6km, MD2.2, ML2.4, MEX 10 07:55:02.0:0.5.32:26N:115:35W, h16km, 21km, MD3.5

ISC 10 07:54:59.9:0.9.32:26N:0.04:115:37W:0.03, h15km, 8km, n19, r0:29/28, 1C-4D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CPBX Cerro Prieto, MBIG Mexicali, MBIG Mexicali, SGL Mount Signal

ISCJB 10 08:17:06.4:0.5.31:27N:0.03:115:61W:0.03, h8km, 4km, Error ellipse: s-maj=5.5km s-min=3.8km az=33.9

ECX 10 08:17:07.2:0.4.31:23N:115:65W, h5km, MD3.7, ML3.9, MEX 10 08:17:08.3:0.8.31:15N:115:67W, h10km, 22km, MD3.9

ISC 10 08:17:06.9:1.0.31:28N:0.03:115:61W:0.03, h8km, 10km, n37, r1:42/57, 4C-9D, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart

ISCJB 10 08:27:19.13:63N:120:64E, h115km, mb4.3, ML3.1, MS2.9

ISC 10 08:26:43.5:1.3.14:6N:11:123E:0.1, h10km, n11, r180/10, mb3.9/4, 1C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OTRP Odiongan, PGP Puerto Galera, PGP Puerto Galera

ISCJB 10 08:32:42.6:1.2.15:02N:120:25E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.5/5.5, mbtmp3.7/5, MS3.4/1, Ms1 3.4/1, ms1mx2.7/3.5, Error ellipse: s-maj=145.8km s-min=18.5km az=65.0

ISCJB 10 08:32:45.3:0.8.15:00N:0.06:119:60E:0.07, h10km, mb3.6/5, MS3.4/1, Error ellipse: s-maj=10.4km s-min=7.8km az=26.6

MAN 10 08:32:46.9:1.1.15:02N:120:25E, h0km, mb4.4, ML3.3, MS3.1

ISC 10 08:32:45.9:1.1.15:04N:0.06:119:67E:0.08, h10km, n15, r154/14, mb3.7/5, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart

ISCJB 10 08:42:23.0:0.8.15:4S:0:2:173:4W:0.2, h29km, mb4.1/5, MS3.1/2, Error ellipse: s-maj=39.9km s-min=12.4km az=137.0

ISC 10 08:42:24.9:0.1.15:4S:0:3:173:3W:0.3, h29km, n13, r168/9, mb4.0/5, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AFI Afiamalu, DZM Mont Dzumac, PPT Papeete

ISCJB 10 08:42:24.9:0.1.15:4S:0:3:173:3W:0.3, h29km, n13, r168/9, mb4.0/5, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AFI Afiamalu, DZM Mont Dzumac, PPT Papeete

ISCJB 10 08:42:24.9:0.1.15:4S:0:3:173:3W:0.3, h29km, n13, r168/9, mb4.0/5, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AFI Afiamalu, DZM Mont Dzumac, PPT Papeete

2010 NOV

Table with columns: MBIG Cerro Bola, RMX La Rumorosa, RMX Imperial Blvd, IBP Imperial Blvd

Table with columns: TJIG Tijuana, WESC Westside Schoo, BAR Barrett, SWSC Sam W. Stewart

Table with columns: MONP Monument Peak, MONP, SDRR San Diego Road, GLA Glamis

Table with columns: GLA, 109C Camp Elliot, M, BC3 Big Chuckwall, PFO Pinyon Flat

Table with columns: PFO, 214A Organ Pipe Nat, Y14C, MURC Murrieta, BELC Belle Mtn, IRM Iron Mountain

Table with columns: SBCI San Clemente I, BBRC Big Bear Solar, BFSC Mount Baldy Ra, DEC Hector, HEC Green Verdugo

Table with columns: BLG Laguna Peak, EDW2 Edwards Air Fo, OSI Osito Adit, ISA Isabella

ROM 10 08:22:45.2:0.6.35:16N:14:20E, h10km, MI4.0/11, Error ellipse: s-maj=15.5km s-min=5.5km az=118.0, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WDD Wield Dalam, HMDC Modica, HMDC Modica

Table with columns: HAVL Avola, MEU Monte Lauro, HVZN Vizzini, RAFF Raffo Rosso

Table with columns: SSS Sortino, HCRL Carlentini, AGST Augusta-Monte, HAGA Augusta

Table with columns: ECVN Catenuova, GALT Gagliano Caste, ALJA Alia, PLLN Pollina

Table with columns: MPNC Mongiuffi-Meli, MPNC P. Mandanici, IDC 10 08:26:41.9:1.2.14:40N:123:48E, h0km, mb3.8/4, mb1.4/1.4, mb1mx3.5/4.9, mbtmp3.8/4, MS3.6/1, Ms1 3.6/1, ms1mx2.5/3.7, Error ellipse: s-maj=38.2km s-min=24.7km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OTRP Odiongan, PGP Puerto Galera, PGP Puerto Galera

Table with columns: SJJMP San Jose, LUBP Lubang, BUSP Cuyo Island, CMAR Caring Mal Arr

Table with columns: LEM Lembeh, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Arr

ISC 10 08:32:42.6:1.2.15:02N:120:25E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.5/5.5, mbtmp3.7/5, MS3.4/1, Ms1 3.4/1, ms1mx2.7/3.5, Error ellipse: s-maj=145.8km s-min=18.5km az=65.0

ISCJB 10 08:32:45.3:0.8.15:00N:0.06:119:60E:0.07, h10km, mb3.6/5, MS3.4/1, Error ellipse: s-maj=10.4km s-min=7.8km az=26.6

MAN 10 08:32:46.9:1.1.15:02N:120:25E, h0km, mb4.4, ML3.3, MS3.1

ISC 10 08:32:45.9:1.1.15:04N:0.06:119:67E:0.08, h10km, n15, r154/14, mb3.7/5, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SCZP Santa Cruz, BOLP Bolinao, LUBP Lubang, PCPH Palayan

450

Table with columns: BCPH Baguio City Da, BALP Baler, CAUP Cauayan, BUSP Coron, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, APYF Apoyan, KURBB Kurchatov Arr

IDC 10 08:33:43.4:357.0.71:49N:90:45W, h0km, Error ellipse: s-maj=165.1km s-min=131.7km az=54.0, Northwest Territories

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I18DK QAANAAQ INFRAS 8.20 24 i, I53US FAIRBANKS INFR 21.51 381 i, I10CA LAC DU BONNET 21.51 190 i

IDC 10 08:34:55.6:0.6.15:03N:120:02E, h0km, mb4.0/15, mb1.4/2/15, mb1mx4.0/55, mbtmp4.0/15, MS3.3/8, Ms1 3.4/8, ms1mx3.1/36, Error ellipse: s-maj=31.8km s-min=13.9km az=70.0

MAN 10 08:35:00.15:11N:119:63E, h28km, mb4.7, ML3.6, MS3.5

ISCJB 10 08:35:01.6:0.4.15:04N:120:04E:119:73E:0.05, h55km, mb4.0/17, MS3.3/5, Error ellipse: s-maj=7.6km s-min=5.4km az=177.0

NEIC 10 08:35:03.7:1.3.14:36N:119:91E, h63km, 12km, mb4.3/3, Error ellipse: s-maj=14.6km s-min=7.7km az=70.0

ISC 10 06:35:03.2:0.6.15:00N:0.05:119:79E:0.08, h55km, n38, r62/62, mb4.2/17, MS3.2/5, 1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SCZP Santa Cruz, LUBP Lubang, PCPH Palayan, BOLP Bolinao, BOLP Bolinao

Table with columns: TAGAYTAY City, BALP Baler, BUSP Coron, SZP Santa, CAUP Cauayan, SJJMP San Jose, BUISP Apoyan, DAV Davao City (W), SIJI Sorong

Table with columns: KAP1 Kappang, CMAR Chiang Mai Arr, CMAR, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KSAR Wonju Array Be, KSRS Korea Array, KSRS, FITZ Fitzroy Crossi, SONM Sonm, SONM, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, ABKAR Abkutak Array, ARCES ARCESS Array B, ILAR Eielson Arr, SPITS Spitsbergen Ar, FINES Finess Array B, INK Inuvik, NB2 NORSAR Subarra, NOA NORSAR Arr B, NOA, TXAR Lajitas Array, PLCA Paso Flores

IDC 10 08:42:24.9:0.1.15:4S:0:3:173:3W:0.3, h29km, n13, r168/9, mb4.0/5, Tonga Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, KMBO Kilitma Mbogo, BRTR Keskin Array B, etc.

ISCJB 10 09:33:03.70.0.7, 45:55.0:1:96:1E:0.2, h8km, mb4.4/11, MS3.9/1, Error ellipse: s-maj=23.1km s-min=10.9km az=29.6

IDC 10 09:33:04.4:1.0, 45:66S:96:16E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.1/29, mbtmp4.4/7, MS3.9/1, Ms1 4.0/1, ms1mx3.1/15, Error ellipse: s-maj=37.4km s-min=17.7km az=117.0

NEIC 10 09:33:06.0:0.5, 45:57S:96:14E, h10km, mb4.7/6, Error ellipse: s-maj=17.2km s-min=8.8km az=113.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

ISCJB 10 09:33:27.5:0.7, 64:54S:0:08:173E:0.4, h10km, mb4.3/7, MS4.0/6, Error ellipse: s-maj=27.6km s-min=10.7km az=169.0

IDC 10 09:33:27.3:0.9, 64:52S:173:59E, h0km, mb4.3/7, mb1 4.5/8, mb1mx4.2/24, mbtmp4.3/8, ML4.2/1, MS4.1/7, Ms1 4.1/7, ms1mx3.8/15, Error ellipse: s-maj=42.0km s-min=18.1km az=67.0

NEIC 10 09:33:29.1:0.6, 64:53S:173:57E, h10km, mb4.7/2, Error ellipse: s-maj=22.5km s-min=8.8km az=79.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Vnda Vanda, SBA Scott Base, SBA Rata Peaks, etc.

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

IDC 10 09:36:35.7:2.8, 18:36S:177:24W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.7/23, mbtmp3.7/3, Error ellipse: s-maj=295.3km s-min=34.3km az=159.0, Fiji Islands region

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

NIED 10 09:36:00.22:80N:121:50E, h35km, Mw3.9 Best double couple: M0:7.22000e+1014 NP1:339.00000e+061.00000e+06, 1.32.00000e+06, NP2:2.212.00000e+063.00000e+06, 1.147.00000e+06

JMA 10 09:36:56.6:0.2, 22:80N:121:48E, h2km, mb3.3/3, IDC 10 09:36:57.0:84.0, 23:47N:122:02E, h0km, mb3.3/3, mb1 3.8/3, mb1mx3.5/29, mbtmp3.6/3, MS2.9/2, Ms1 3.1/2, ms1mx2.7/26, Error ellipse: s-maj=1476.0km s-min=163.5km az=135.0

ISCJB 10 09:36:58.9:0.5, 22:80N:0:02:121:43E:0:02, h15km, mb3.5/3, MS3.0/1, Error ellipse: s-maj=3.2km s-min=2.5km az=163.7

TAP 10 09:37:00.1, 22:88N:121:25E, h15km, ML4.0, B 10 09:36:57.5:1.1, 22:85N:0:02:121:45E:0:02, h7km, 9km, n75, e0:999/112, mb3.7/3, 10C-4D, Taiwan region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CHKT Chengkung, CHKT Taitung, TTN Tainan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KAU Hsinchu, CHN2 Minshinghu, CHN2 Hwaiien, etc.

IDC 10 09:47:00.1:23.0, 45:34S:95:92E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/17, mbtmp3.8/3, MS3.7/3, Ms1 3.7/3, ms1mx3.3/26, Error ellipse: s-maj=521.4km s-min=34.2km az=114.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SONM Songio Array, ASAR Alice Springs, MKAR Makaranj Array.

ISCJB 10 09:53:45.0, 5.5, 58.99N, 0.04, 18.18E, h0km, Error ellipse: s-maj=6.8km s-min=4.2km az=40.8

CSEM 10 09:53:46.0, 2.0, 58.99N, 18.12E, h2km, ML2.2, Error ellipse: s-maj=5.0km s-min=3.3km az=116.0, Mining explosion.

UPP 10 09:53:46.0, 4.0, 2.0, 58.99N, 18.22E, h0km, ML2.2, Explosion HEL 10 09:53:47.3, 0.1, 58.98N, 18.18E, h0km, ML1.9, ML2.2(UPP), Explosion

IDC 10 09:53:49.8, 2.6, 59.19N, 18.20E, h0km, mb1 3.1/3, mb1mx3.0/29, mbtmp3.0/3, ML2.3/3, Error ellipse: s-maj=34.2km s-min=8.2km az=178.0

ISC 10 09:53:46.3, 0.8, 58.98N, 0.03, 18.17E, h0km, n44, n14, 5/6, Baltic Sea

Main station list table for the first section, including stations like VIKU, UPP, ESKU, BACU, FLYU, etc.

IDC 10 10:22:41.8, 1.1, 0.18N, 123.79E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/37, mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=54.7km s-min=20.8km az=67.0

ISCJB 10 10:22:51.7, 0.5, 0.30S, 0.05, 123.20E, 0.05, h7km, mb3.3/4, Error ellipse: s-maj=7.8km s-min=5.8km az=39.0

DJA 10 10:22:52.9, 0.4, 0.3, 12.3E, h58km, M4.2/7, ML4.2/7

ISC 10 10:22:54.0, 0.9, 0.27S, 105.123.20E, 0.05, h78km, n16, n099.20, mb3.5/4, Minahassa Peninsula, Sulawesi

Main station list table for the second section, including stations like LUWI, GTOI, KMSI, etc.

BGR 10 10:30:08.3, 13.38N, 121.21E, h30km, mb5.4, M5.4

IDC 10 10:30:11.9, 0.4, 15.01N, 119.80E, h0km, mb4.8/36, mb1 4.9/38, mb1mx4.9/45, mbtmp4.8/38, ML4.5/2, MS4.8/29, Mb1 4.8/29, ms1mx4.7/37, Error ellipse: s-maj=13.8km s-min=10.0km az=83.0

NEIC 10 10:30:15.7, 0.1, 14.92N, 119.87E, h21km, mb5.2/53, MW5.4, Error ellipse: s-maj=5.2km s-min=3.6km az=94.0, Moment Tensor Solution, s21 Moment tensor: Scale 10^17Nm; M=0.77; Mw=0.18; Mo=0.40; Mw=0.23; Mw=0.79; Best double couple: M=1.40000x10^17 NPT: q=343.00000, s=28.00000, l=52.00000; Principal axes: T 1.1800, P16.63000, Azm146.0000; N 0.3500, P18.0000, Azm18.0000; P -1.5300, P16.0000, Azm281.0000;

NEIC Felt [V PIVS] at San Antonio; [IV PIVS] at Iba; [III PIVS] at Pasig and Tarlac; [II PIVS] at Makati, Manila.

Muntinlupa and Quezon City; [I PIVS] at Clark Field. Felt [III] at Subic and [II] at Angeles. Also felt at Castillejos, Masinlok, Olongapo, Orani and San Fernando. GCMT 10 10:30:15.7, 0.1, 15.01N, 119.80E, h2km, MW5.5/104, Moment Tensor Solution, s90, c172, s104, c200; Duration: 1s3 Moment tensor: Scale 10^17Nm; M=1.56±.03; Mw=0.20±.02; Mo=1.75±.02; Mw=0.39±.04; Mw=0.08±.01; Mw=1.17±.04; Best double couple: M=2.06900x10^17 NPT: q=193.00000, s=64.00000, l=7.100.00000; NP2: q=351.00000, s=828.00000, l=7.0.00000; Principal axes: T 2.0010, P170.0000, Azm124.0000; N 0.1430, P169.0000, Azm8.0000; P 2.1380, P18.0000, Azm275.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BKK 10 10:30:15.7, 0.3, 15.1N, 119.73E, h10km, M4.8/47, mb5.0/47, mb5.3/35, Mw(mb)4.0/35, Mwps.3/1

MAN 10 10:30:16.15, 12N, 119.73E, h16km, mb5.7, ML4.8, MS5.2 MAN INTENSITY V - SAN ANTONIO ZAMBALES; INTENSITY IV - IBA ZAMBALES; INTENSITY III - PASIG CITY TARLAC CITY; INTENSITY II - MANILA MAKATI QUEZON CITY MUNTINLUPA CITY; INTENSITY I - CLARK PAMPANGA

BUI 10 10:30:16.8, 14.86N, 119.80E, h50km, mb4.8/65, mb5.1/59, Mw5.3/61, Ms7.5/275

ISCJB 10 10:30:17.9, 0.1, 15.02N, 0.02, 119.79E, 0.02, h47km, mb5.1/132, MS5.0/50, Error ellipse: s-maj=2.6km s-min=2.1km az=171.1

MOS 10 10:30:18.0, 1.2, 15.00N, 119.92E, h54km, mb5.3/44, MS5.1/18, Error ellipse: s-maj=8.0km s-min=4.5km az=111.3

KLM 10 10:30:19.0, 14.90N, 120.14E, h59km, mb5.2, MS5.5

ISC 10 10:30:17.4, 0.4, 15.03N, 0.02, 119.84E, 0.03, h32km, 2km, h32km; p-P, n492, n1960/527, mb5.2/133, MS5.0/51, 22C-34D, Luzon

Main station list table for the third section, including stations like PCPH, BOLB, LUBANG, etc.

TATO Taipei 10.01 9 ePn Pn 10 32 45.2 +6.2

GZH Guangzhou 10.09 324 P S 10 32 41.2 +1.0

QIZ Qiongzhou 10.35 294 P Pn 10 32 46.1 +2.3

QIZ 82nm, 1.1s PMZ S 10 34 41.3 +2.5

QIZ 5jm, 13.6s LN 10 32 46.1 +2.3

QIZ 4jm, 15.4s LE 10 34 41.3 +2.5

DLV T Lat 11.46 256 Pn Pn 10 33 00.6 +1.4

BLM Bintulu 13.51 210 iPn S 10 33 58.0 -8.2

JOW Kragimani 14.13 32 ePn Pn 10 33 57.9 +2.5

SBUM Sibau 14.59 212 ePn Pn 10 33 42.2 +1.5

SBUM Sibau 14.59 212 ePn Pn 10 33 42.6 +0.9

MRSI Marisa 14.61 172 P P 10 33 48.3 +0.3

GTOI Gorontalo 14.64 172 P P 10 33 44.2 +1.8

KMSI Cibinong 14.94 164 P P 10 33 52.0 -0.4

SKNT Sakolnakorn 15.37 279 P Pn 10 33 53.0 +0.9

PCI Palu 15.84 180 P P 10 34 08.6 +7.0

APSI Ampang 15.94 173 P P 10 34 03.8 +1.0

TNTI Ternate 16.00 152 P P 10 34 03.8 +0.3

TNTI Ternate 16.00 152 ePn Pn 10 33 58.1 -2.2

KHON Khomkaen 16.44 277 P P 10 34 07.6 -0.7

GYA 26nm, 1.2s, 864nm 16.75 315 iP Pn 10 34 10.0 +0.2

GYA 5jm, 16.1s LE LN 10 34 22.8 +2.6

GYA 5jm, 15.5s LE LN 10 37 18.5 +3.4

GYA 9jm, 15.5s LE LN 10 37 34.0 +4.5

NJ2 Nanjing 16.97 357 eP S 10 34 18.5 +4.5

NJ2 30nm, 1.0s PMZ S 10 37 27.8 -1.6

NJ2 490nm, 4.3s PMZ LN 10 34 18.5 +4.5

NJ2 6jm, 14.3s LE LN 10 34 18.5 +4.5

NJ2 3jm, 15.3s LE LN 10 34 18.5 +4.5

STKI 58nm, 1.5s, 14jm 17.01 210 P P 10 34 17.0 +2.3

LBMI Labuha 17.32 153 P P 10 34 18.8 +0.8

ENH Enshi 17.91 330 eP P 10 34 26.4 +1.9

ENH 16nm, 1.1s, 1jm 17.96 180 eS S 10 37 49.7 +1.0

TTSI Tana Toraja 17.96 180 P P 10 34 27.9 +2.8

SANI Sanana 18.02 160 P P 10 34 29.5 +3.6

PBKT Sadao Pong 18.22 277 P P 10 34 28.5 +0.5

PATY Pattaya 18.53 262 P Pn 10 34 36.1 +4.3

KBKI Kotabaru 18.57 199 P P 10 34 36.0 +3.7

NANT Nan 18.69 284 P Pn 10 34 34.6 +0.9

UTTA Uttaratid 18.70 281 P Pn 10 34 34.4 +0.6

KMI Kunming 18.92 305 pP S 10 34 38.6 +1.9

KMI 14nm, 0.8s, 3jm 18.92 305 pP S 10 34 51.5 +7.2

KMI 46nm, 2.0s PMZ S 10 38 04.0 -3.8

KMI 1jm, 6.3s PMZ LN 10 34 38.6 +1.9

KMI 3jm, 14.9s LE LN 10 34 51.5 +7.2

KMI 6jm, 15.3s LZ LN 10 34 38.6 +1.9

KMI 6jm, 15.9s LZ LN 10 34 38.6 +1.9

BBKI Banjar Baru 19.03 195 P Pn 10 34 38.7 +0.9

KDI Kendari 19.07 171 P Pn 10 34 40.7 +2.4

CRAI Chiangrai 19.25 288 P P 10 34 33.2 -6.2

PBKI Pangkalan Bun 19.39 205 P Pn 10 34 42.6 +0.5

SWI Sorong 19.42 143 P P 10 34 44.8 +2.3

SIJI Sorong 19.43 143 P P 10 34 40.2 +0.5

NLAI Namlea 19.52 158 P P 10 34 46.1 +2.4

LAMP Lampang 19.66 283 P P 10 34 46.4 +1.1

UTHA Uthaitani 19.68 274 P P 10 34 47.4 +1.8

KAPI Kappang 19.92 180 P P 10 34 50.4 -1.5

KAPI 1.1nm, 0.3s, baz=336, slow=5.5, SNR=7 19.92 180 P Pn 10 34 50.5 +2.1

KAPI 663nm, 0.3s, SNR=8.5 19.92 180 eP P 10 34 45.1 -1.5

KAPI 110nm, 0.8s 19.92 180 eP P 10 34 45.1 -1.5

KAPI 12nm, 0.7s, baz=70, slow=2.2, SNR=7.2 19.92 180 eP P 10 34 45.1 -1.5

SRDT 20.05 271 P Pn 10 38 57.0 -6.0

BKSI Butukumbi 20.22 179 P Pn 10 34 51.9 -0.1

UMPA Umpu Tak 20.24 276 P Pn 10 34 53.0 +0.7

CM01 Chiang Mai Arr 20.28 282 eP P 10 34 51.2 +0.7

CMAR Chiang Mai Arr 20.30 283 P Pn 10 34 51.0 +0.2

CMAR 25nm, 1.0s, baz=95, slow=9.2, SNR=93 20.30 283 pP P 10 39 03.8 +0.1

10d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like IMOG, ITEG, IAKL, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like RND, RND, RND, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MORC, MORC, MORC, etc.

10d 11h

Table with columns: ID, Name, Value, Unit, Type, Status, Date, Time, etc. Includes entries like C09A Chrisman Ranch, 93.64 36 eP, P, 11 56 38.1 -0.4, etc.

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Table with columns: ID, Name, Value, Unit, Type, Status, Date, Time, etc. Includes entries like LPAZ La Paz, 98.89 114 P, P, 11 57 06.7 +2.8, etc.

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Table with columns: ID, Name, Value, Unit, Type, Status, Date, Time, etc. Includes entries like KISV Kislodovsk, 144.30 306 ePKIKP, PKPbc, 12 02 55.8 -0.3, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Prodhromos, Lefka, Belsk, KIZIT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes sections for UPP 10 12:01:45.2, MAN 10 12:20:08, MEX 10 12:23:08.0, NEIC 10 12:36:14.3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, H01W1 Cape Leeuwin, H01W3 Cape Leeuwin, etc.

10d 13h

Table with columns: YUK, Yuzh-Kuril'sk, 7.62 210, PN, P, 13 13 04.2 +5.0, S, 13 14 29.7 -0.8, etc.

GU C 10:11:58.0±0.5, 23°57'S, 69°52'W, h89km, 5km, ML4.1, 4C-1D, Northern Chile

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

NEIC 10:13:17:21.0, 35°28'N, 92°34'W, h5km, MD2.5(CERI), After CERI

NEIC Felt at Greenbrier, ISC 10:13:17:20.3±1.6, 35°24'N, 00°52.35'W, 0.03, h1km, 15km, n18, c13/28, Arkansas

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

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Table with columns: MIAR, baz=1.2, S, Sb, 13 18 00.7 +0.4, etc.

ISC/JB 10:13:18:01.5±1.8, 56°0N, 0°1'15.5E, 0.2, h0km, Error ellipse: s-maj=23.0km s-min=6.6km az=141.1

CSEM 10:13:18:01.7±0.1, 55°37'N, 15°56'E, h0km, 1km, ML2.5, Error ellipse: s-maj=3.5km s-min=1.6km az=127.0, Mining explosion

UPP 10:13:18:02.2±0.3, 55°38'N, 15°57'E, h1km, ML2.5, Explosion ISC 10:13:18:01.6±1.7, 55°37'N, 00°9.15'57"E, 0.07, h0km, n22, c028/24, Baltic Sea

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

GRAL 10:13:19:12.6±0.5, 34°57'N, 36°37'E, h3km, 3km, MD3.1

ISC/JB 10:13:19:13.8±0.5, 34°49'N, 0°10'36.29'E, 0.03, h0km, 4km, Error ellipse: s-maj=4.7km s-min=2.5km az=8.4

CSEM 10:13:19:13.9±0.2, 34°48'N, 36°27'E, h2km, ML2.5, Error ellipse: s-maj=6.0km s-min=2.9km az=97.0

NSSC 10:13:19:13.8±1.3, 34°50'N, 36°31'E, h0km, 3km, MD0.9, ML2.5

ISC 10:13:19:13.6±1.2, 34°50'N, 0°26.31'E, 0.02, h0km, 10km, n38, c069/73, Jordan - Syria region

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

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Table with columns: WRDH, comp=E, 71nm, 0.5s, eS, AML, Sb, 13 19 48.0 +0.2, etc.

ISC/JB 10:13:25:36.4±0.5, 55°67'S, 0°06.4'7W, 0.2, h10km, mb4.6/17, MS4.5/16, Error ellipse: s-maj=12.7km s-min=8.6km az=165.0

IDC 10:13:25:36.7±0.6, 55°73'S, 4°71'W, h0km, mb4.4/12, mb1 4.5/13, mb1mx4.3/24, mbtmp4.4/13, ML3.8/1, MS4.4/17, Ms1 4.4/17, ms1mx4.4/20, Error ellipse: s-maj=18.7km s-min=16.0km az=69.0

NEIC 10:13:25:38.2±0.4, 55°75'S, 4°77'W, h10km, mb5.2/6, Error ellipse: s-maj=11.6km s-min=9.8km az=56.0

GCMT 10:13:25:38.2±0.2, 55°94'S, 0°28'W, 1.2km, MW5.2/110, Moment Tensor Solution, 853.673, s110.c175; Duration: 1s0 Moment tensor: Scale 10^16Nm; Mr=2.1±1.1; Mw=0.30±1.9; Mb=1.8±1.5; Ms=2.24±4.1; Mw=7.24±1.1; Mr=0.60±0.37; Best double couple: Mo=7.768000×10^16 Np1,φ=265.00000°, δ78.00000°, λ=21.00000°. NP2,φ=359.00000°, δ70.00000°, λ=168.00000°. Principal axes: T 8.4410, Plg6.0000, Azm313.0000°; N -1.3490, Plg6.0000°, Azm56.0000°; P -7.0950, Plg23.0000°, Azm220.0000°; nsta1 refers to body waves; cutoff=40s. nsta2 refers to surface waves, nsta3=50s.

ISC 10:13:25:38.1±0.5, 55°74'S, 0°08.43'W, 0.1, h10km, n43, c1807/30, mb4.5/17, MS4.6/16, Southern Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STRU Stroemstad, LUNU Lund, EKSU Eksjö, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YNCB YEONCHEON, KSMB Musan, KSBON Bœun, etc.

CSEM 10 15:05:32.8-0.9, 39.21N-44.04E, h2km, MD2.6, Error ellipse: s-maj=15.2km s-min=5.8km az=84.0

DDA 10 15:05:32.9, 39.23N-43.93E, h5km, MD2.6 DDA 10 15:05:34.8, 39.16N-43.81E, h7km, MD2.6

ISC 10 15:05:32.0-2.3, 39.20N-0.05-44.1E, 0.1, h8km, n14, 0.645/25, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLDR Caldiran, DYDN Diyadin, VANB Van, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMA 10 16:00:32.7, 38.12N-129.08E, h0km, 14C-2D, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H07S1 FLORES T-PHASE, ROSA Rosa, ROSA Rosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JTKR Abashiri-Toko, etc.

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

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

10d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BW06 Boulder Array, FLWY Flagg Ranch, SMCO Snowmass, etc.

ISCJB 10 16:30:25.04.24.18N.01.02.121.76E.01.02, h7km, 3km, Error ellipse: s-maj=3.6km s-min=2.3km az=34.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EHP Heping Village, TWD Chlawan, HWA Hwallen, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TWT baz=276, TWE Neicheng, NSK Sanguang, etc.

MEX 10 16:41:19.9.0.4, 15.40N.93.40W, h15km, 6km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like COIG Comitán, CCIG Pinglo, HUIG Huatulco, etc.

ISC 10 16:41:20.1.8.6.52.39N.179.04W, h137km, 77km, mb3.6/11, mb1 3.8/12, mb1mx3.5/35, mbtmp4.1/12, MS2.7/1, Ms1 2.7/1, ms1mx2.2/33, Error ellipse: s-maj=29.0km s-min=19.2km az=52.0

ISCJB 10 16:41:25.8.0.3.52.4N.01.178.75W.0.07, h20km, 5km, mb=17/10, Error ellipse: s-maj=17.8km s-min=6.3km az=171.9

NEIC 10 16:41:27.6.52.19N.178.73W, h203km, mb4.3/4, After AEIC

ISC 10 16:41:26.4.0.7.52.4N.01.178.77W.0.05, h197km, 7km, n48, c086/47, mb4.0/10, Andreano Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GANE Gareloi Northe, GAEA Gareloi Lava, TAFP Tanaga Falls, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BPAW Bear Paw Mtn, TRF Thorofare Moun, COLC Colfoot, etc.

ISCJB 10 17:09:24.3.0.3.70.91N.01.06.6.24W.0.07, h9km, mb4.0/1, MS3.3/1, Error ellipse: s-maj=9.5km s-min=3.2km az=8.7

IDC 10 17:09:25.3.4.9.71.05N.6.28W, h0km, mb3.9/1, mb1 3.8/4, mb1mx3.3/48, mbtmp3.7/4, ML3.3/3, MS3.0/4, Ms1 3.0/4, ms1mx2.6/33, Error ellipse: s-maj=8.7km s-min=3.9km az=150.0

CSEM 10 17:09:26.5.0.1.70.86N.6.45W, h10km, ML3.5, Error ellipse: s-maj=6.7km s-min=2.8km az=11.0

NAO 10 17:09:26.8.2.7.70.85N.6.58W, h12km, 34km, ML4.1, BER 10 17:09:28.1.2.0.70.80N.6.64W, h25km, 30km, MD2.3, ML3.5, ML4.4(NAO)

ISC 10 17:09:26.3.0.8.70.83N.0.09.6.47W.0.05, h9km, n60, c0594/66, 7C, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JNE Jan Mayen East, JNE Jan Mayen West, JMW Jan Mayen West, etc.

FINES FINES Array B 68.06 331 P P 19 00 23.3 +0.4
NB2 NORSAR Subarra 73.64 336 P P 19 00 57.1 +0.4
NOA NORSAR Array B 73.64 336 P P 19 00 57.2 +0.5

ISCJB 10 18:51:31.4, 2.7, 17.3S; 0.3:69.8W; 0.4, h152km, mb3.8/3,
Error ellipse: s-maj=71.6km s-min=15.4km az=41.1
IDC 10 18:51:32.9, 3.0, 17.38S; 69.66W, h147km, 15km, mb3.6/4,

ISCJB 10 18:57:47.5, 0.5, 14.42S; 0.05:167.40E; 0.07, h200km,
mb4.0/16, Error ellipse: s-maj=10.0km s-min=6.1km
NEIC 10 18:57:48.6, 0.3, 14.49S; 167.24E, mb4.3/2, Error ellipse:

DZM Mount Dzumac 7.60 186 P P 19 01 58.36 +0.5
DZM 3.2nm, 0.3s, baz=358, slow=6.8, SNR=55
HNR Honiara 8.73 304 P P 19 01 52.6 +0.4

SPIG San Pedro Mart 0.28 141 P P 19 02 11.8 -3.2
SPIG San Pedro Mart 0.28 141 P P 19 02 11.8 -3.2
SPX San Pedro Mart 0.28 141 P P 19 02 11.8 -3.2

ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2
ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2
ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2

SKO 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error
ellipse: s-maj=3.2km s-min=2.4km az=19.0

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error

MKAR 0.9nm, 0.7s, baz=94, slow=9.9, SNR=4.0
ZALV Zalesovo Beam 9.18 324 P P 19 10 58.4 -0.5
ZALV 1.8nm, 0.7s, baz=124, slow=4.5, SNR=7.6

ARCES ARCES Array B 120.00 345 PKP P 19 16 15.3 -0.2
KBZ Khabaz 124.57 313 PKP P 19 16 25.4 +0.4
FINES FINES Array B 125.48 338 PKP P 19 16 26.0 -0.2

ABTA Abfaltersbach 141.51 332 P P 19 16 53.8 -3.0
MOTA Moosalm 141.68 334 P P 19 16 54.5 -2.7
DAVA Damuetsch 142.24 335 P P 19 17 00.4 -0.9

ISCJB 10 18:59:37.6, 0.5, 31.27N; 0.04:115.66W; 0.04, h8km, 7km,
Error ellipse: s-maj=7.2km s-min=5.1km az=38.9
ECX 10 18:59:38.5, 0.6, 31.25N; 115.66W, h6km, MD3.1, ML3.3
MEX 10 18:59:39.8, 0.5, 31.14N; 115.63W, h24km, 12km, MD3.7

ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2
ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2
ZAX El Zacaton 0.57 296 P P 19 02 11.8 -3.2

SKO 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error
ellipse: s-maj=3.2km s-min=2.4km az=19.0

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:24:03.6, 41.46N; 23.23E, h15km, M1.5, ML1.9
CSEM 10 19:24:04.8, 0.2, 41.44N; 23.24E, h2km, ML2.2, Error

HORT Hortiatis 0.82 187 P P 19 24 21.1 -0.7
KAVA Kavala 1.05 113 P S 19 24 24.6 -0.6
KAVA Kavala 1.05 113 P S 19 24 24.6 -0.6

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:48:36.1, 0.4, 23.37S; 69.68W, h75km, 3km, ML3.5,
4C-10, Northern Chile

IDC 10 19:56:42.4, 3.1, 38.07N; 73.03E, h83km, 26km, mb3.6/9,
mb1.3/14, mb1mx3.5/33, mbtmp4.0/14, MS3.0/1,
Ms1.3/0.1, ms1mx2.3/31, Error ellipse: s-maj=26.6km

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:56:43.5, 0.3, 38.20N; 0.03:73.21E; 0.05, h127km,
mb3.7/9, Error ellipse: s-maj=6.0km s-min=3.6km
az=173.0

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:56:44.9, 0.6, 38.23N; 0.05:73.11E; 0.06, h127km, n57,
s202/58, mb3.5/9, 13C-6D, Tajikistan-Xinjiang border
region

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:56:44.9, 0.6, 38.23N; 0.05:73.11E; 0.06, h127km, n57,
s202/58, mb3.5/9, 13C-6D, Tajikistan-Xinjiang border
region

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:56:44.9, 0.6, 38.23N; 0.05:73.11E; 0.06, h127km, n57,
s202/58, mb3.5/9, 13C-6D, Tajikistan-Xinjiang border
region

Code Station Name Delta AZ Phase ID Time Res
ISCJB 10 19:56:44.9, 0.6, 38.23N; 0.05:73.11E; 0.06, h127km, n57,
s202/58, mb3.5/9, 13C-6D, Tajikistan-Xinjiang border
region

FUNV 10 23:27:48.4, 10:84N, 62:08W, h102km, MW3.1
TRN 10 23:27:50.7, 10:91N, 62:02W, h100km, MD3.3
ISC 10 23:27:46.8, 1.4, 10:82N, 0:05, 62:19W, 0.04, h118km, 9km,
n21, c1544/36, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like Guiria, Chacachacare, Trinidad (W), Guanaco, Brigand Hill, Mount Saint Ca, Boulet, Sisters, Speyside, Oritupano, Puerto La Cruz, Belmont, El Guri, Caspira, Bironog, Las Mercedes, Luepa, Turiamo, El Baul, Macapao.

IDC 10 23:48:39.0, 6.5, 93N, 82:72W, h0km, mb4, 4/19,
mb1 4.6/24, mb1mx4.6/30, mbtmp4.5/24, ML4.0/5, MS4.8/26,
Ms1 4.8/26, ms1mx4.8/29, Error ellipse: s-maj=21.2km
s-min=11.1km az=57.0

ISCB 10 23:48:36.4, 0.2, 6:33N, 0:03, 82:63W, 0:02, h10km,
mb4.9/140, MS5.0/161, Error ellipse: s-maj=4.4km
s-min=3.0km az=23.5

MOS 10 23:48:36.1, 1.6, 6:05N, 82:56W, h10km, mb5.2/32,
MS4.0/20, Error ellipse: s-maj=13.9km s-min=5.8km
az=113.2

BJJ 10 23:48:38.6, 6:00N, 82:70W, h10km, mb5.5/9, MS5.4/12,
MS7.5/212

NEIC 10 23:48:39.0, 0.8, 5:95N, 82:57W, h19km, 4km, mb5.1/132,
MS5.0/129, MW5.6, Error ellipse: s-maj=8.2km
s-min=5.4km az=222.0, Moment Tensor Solution. s37
Moment tensor: Scale 10^17Nm; M1:0.86; M2:-1.34;
M3:0.48; M4:-0.17; M5:2.82; M6:0.26; Best double
couple: M3:1.0000x10^17 Np1:0.171, 0.0000, 0.890, 0.0000,
1.175, 0.0000; NP2:0.81, 0.0000, 0.885, 0.0000, 1.0, 0.0000;
Principal axes: T: 2.5400, Plg4:0.0000, Azm306.0000; N
0.8700, Plg5:0.0000, Azm173.0000; P: 3.4100,
Plg4:0.0000, Azm36.0000;

GCMT 10 23:48:39.0, 0.1, 5:86N, 82:60W, h24km, MW5.7/121,
Moment Tensor Solution. s102,c197; s121,c360;
Duration: 1s7 Moment tensor: Scale 10^17Nm;
M1:0.23, 0.4; M2:0.06, 0.4; M3:0.17, 0.5; M4:0.37, 0.7;
M5:4.60, 0.4; M6:-0.10, 0.8; Best double couple:
M4:6.1700x10^17 Np1:0.270, 0.0000, 0.888, 0.0000,
1.5, 0.0000; NP2:0.360, 0.0000, 0.885, 0.0000,
1.178, 0.0000; Principal axes: T: 4.7220, Plg2:0.0000;
Azm315.0000; N: 0.2100, Plg5:0.0000, Azm70.0000; P:
-4.5120, Plg4:0.0000, Azm225.0000; nsta1 refers to body
waves, cutoff=40s, nsta2 refers to surface/mantle waves,
cutoff=50s.

CASC 10 23:48:39.0, 3.7, 6:56N, 82:57W, h0km, 17km, MD4.7,
ML4.6, mb5.1 (NEIC)

ISC 10 23:48:37.9, 0.3, 6:26N, 0:03, 82:69W, 0:03, h10km, n735,
c170/549, mb5.1/143, MS5.0/161, 4C-1D, South of
Panama

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like Cerro Adams, Volcan, Baru, Azuero, Penonome, Buena Vista, Quepos, Zanguenga, Isla Barro Col, Cerro Gallo 2, Jicaral, JuntasAbangare, Chiripa, Cuipillapa, Hotel Metel, Cuipal Rinc, Universidad de Finca la Perla, Las Lilas, BOACBROADBA, Copaltepe, El Rosal, Conchagua, Tegucigalpa, El Faro, Las Brisas, La Fuente, Serv Nac Est T, Boqueron, San Blas, San Jose, El Retiro, Puyte Ayora, Robledal, Santo Domingo, Comitan.

Table with columns: ATAH, TEIG, GTBY, CMIG, SDDR, BANI, SDD, PCRV, PCRV, NNA, NNA, NNA, NNA, NNA, TLIG, CRPR, LSP, OBIP, CELP, AOPR, SJG, SJG, SJG, SJG, SJG, SJG, HUMP, STVI, GRGR, DWPF, FDF, FDF, FDF, ANWB, ANWB, PTGA, PTGA, PTGA, PTGA, BBGH, BBGH, SAML, SAML, 035Z, BRAL, BRAL, TIGA, TIGA, ZIGA, ZIGA, KVXT, KVXT, 034A, 934A, 835A, 736A, 834A, 933A, LPAZ, LPAZ, LPAZ, LPAZ, 735A, 636A, NHSC, LRAL, LRAL, 537A, 537A, GOGA, GOGA, GOGA, 635A, 833A, 340A, 340A, 832A, 535A, 338A, 332A, 633A, JSC, JSC. Lists stations like Atahualpa, Tepich, Guantananabo, Matias Romero, Presa de Saban, BANI, Santo Domingo, Puerto La Cruz, Nana, Nana, Nana, Nana, Nana, Tiapa, Cabo Rojo, Obispo, Cerrillos, Arellibo, San Juan, San Juan, San Juan, San Juan, San Juan, Disney, Fort de France, Fort de France, Fort de France, Willy Bob, Pitinga, Pitinga, Pitinga, Pitinga, Gun Hill, Hargill, Brewton, Tifton, Tifton, Zacatecas, Encino, Kingsville, Hebronville, Benavides, Beveline, Circle Diamond, Tilden, Laredo, La Paz, Kingsville, La Paz, La Paz, Kenedy, Smothers Creek, New Hope, Lakeview, Green Hill, Godfrey, Godfrey, Godfrey, Leesville, Chaparral WMA, Bronson, Bastrop, Faith Ranch, Dale, Crockett, Laxson Ranch, Saathoff Ranch, Jenkinsville, Jenkinsville.

Table with columns: JSC, 534A, 632A, 533A, 139A, 335A, 434A, 631A, 138A, 532A, KMSC, 433A, 334A, JCT, JCT, JCT, JCT, SWET, WHTX, PCPT, CNCC, CNCC, 333A, TKL, TKL, 432A, 234A, Y39A, 530A, 431A, 332A, UALR, Z36A, 133A, MIAR, MIAR, MIAR, MIAR, 232A, 529A, Y37A, WVT, WVT, ZTZN, H06E1, 429A, 133A, LTX, TXAR, TXAR, TXAR, TXAR, TX31, 231A, X38A, 234A, X37A, Y35A, ABTX, ABTX, W38A, Z33A, X36A, BLA, BLA, Y34A, 329A, BBSR, BBSR, X35A, 131A, W37A, PBMO, Y33A, W36A, V38A, SLBS, Z31A, X34A, W35A, V37A. Lists stations like Jenkinsville, Blanco, Uvula, Kerrville, Bunkhouse Ranc, Moody, Burnet, Perdido Creek, Matallat Enter, Rockspings, Kings Mountain, Lometa, Junction City, Junction City, Sewanee, Lake Whitney, Cooper Cave, Cliffs of the, Richland Sprin, Tuckaleechee C, Menard, Clairette, Lockesburg, J-C Ranch, Sonora, Millersview, University of, Blue Ridge, Rising Star, White-Moore Ra, Mount Ida, Mount Ida, Mount Ida, Mount Ida, Coleman, Forest Ra, Hugo, Waverly, Waverly, Tazewell, SOCORRO T-PHAS, Davenport Ranc, Hamilton Ranch, Lajas, Lajas Array, Abilene, Abilene, Hawle, Poteau, Whitaker Ranch, Centrahona, Blacksburg, Reagan Ranch, Wagon Wheel Ra, BB Station, Drake, Roby, Quinton, Haskell, Poplar Bluff, Hilltop Ranch, Wetumka, Canehill, Sierra La Lagu, Sharp Cattle R, Smith Ranch, Tecumseh, Hulbert.

10d 23h

Y32A	R-V Farms, Ver	31.67 333	P	P	23 55 00.8 -0.8
LVC	Limon Verde	31.71 155	eP	P	23 55 00.3 -2.0
LVC	comp-Z,30nm,1.1s		LR	LR	
X33A	Lawton	31.71 335	P	P	23 55 01.7 -0.2
228A	UT Block 9, Go	31.73 327	P	P	23 55 01.6 -0.7
V36A	Jenks	31.81 339	P	P	23 55 02.9 +0.1
TUL1	Tulsa	31.87 340	P	P	23 55 02.1 -1.2
TUL1	Tulsa	31.87 340	eP	P	23 55 06.9 +3.5
Z30A	Sanderson Ranch	31.88 330	P	P	23 55 01.8 -1.7
U38A	Gravette	31.89 342	P	P	23 55 02.8 -0.7
X32A	Elmer	31.95 333	P	P	23 55 03.0 -1.0
WCI	Wyandotte Cave	31.99 355	eP	P	23 55 06.8 +2.4
WCI	comp-Z,48nm,1.4s	31.99 355	eP	P	23 55 06.8 +2.4
WCI	Wyandotte Cave	31.99 355	eP	P	23 55 06.8 +2.4
WMOK	Wichita Mounta	32.00 334	eP	P	23 55 05.7 +1.2
WMOK	comp-Z,32nm,1.7s		MLR	MLR	
WMOK	Wichita Mounta	32.00 334	eP	P	23 55 05.7 +1.2
WMOK	comp-Z,32nm,1.7s		LR	LR	
W34A	Bridge Creek,	32.01 336	P	P	23 55 03.7 -0.9
Y31A	Rekieta Farm,	32.01 332	P	P	23 55 04.0 -0.7
128A	Castleberry Fa	32.06 327	P	P	23 55 04.2 -1.0
U37A	Salina	32.09 341	P	P	23 55 04.8 -0.5
V35A	Meyer Ranch, C	32.11 338	P	P	23 55 05.5 0.0
Z29A	Hungry Hill Ra	32.15 329	P	P	23 55 05.0 -0.9
CBN	Corbin	32.16 8	PFAKE	LR	23 55 20.0 +1.4
W33A	Caddo, Fort Co	32.22 335	P	P	23 55 05.6 -0.8
Y30A	Stafford Catti	32.25 331	P	P	23 55 05.7 -1.1
U36A	Oologah	32.28 340	P	P	23 55 06.7 -0.3
V34A	Guthrie	32.43 337	P	P	23 55 06.9 -1.4
X31A	McDonald Ranch	32.44 333	P	P	23 55 07.9 -0.5
W32A	Sentinel	32.52 334	P	P	23 55 08.6 -0.5
CCM	Cathedral Cave	32.59 347	eP	P	23 55 09.7 +0.1
CCM	comp-Z,60nm,1.5s	32.59 347	eP	P	23 55 09.7 +0.1
Y29A	Porterfield Fa	32.61 330	P	P	23 55 09.0 -1.0
T37A	Cheneville 18	32.69 342	P	P	23 55 08.7 -1.7
OLIL	Olney	32.70 332	eP	P	23 55 11.6 +1.1
X30A	Coker Ranch, T	32.70 331	P	P	23 55 09.8 -0.9
T36A	Boggs Farm, Ca	32.94 340	P	P	23 55 12.0 -0.7
BLO	Bloomington	32.95 355	eP	P	23 55 15.4 +2.7
BLO	comp-Z,20nm,0.8s	32.95 355	eP	P	23 55 15.4 +2.7
V32A	Arapaho	32.95 335	P	P	23 55 11.9 -0.9
U34A	Anderson Ranch	32.97 338	P	P	23 55 12.6 -0.4
MNTX	Cornudas Mount	33.03 323	eP	P	23 55 12.9 -0.7
MNTX	comp-Z,28nm,1.3s	33.03 323	eP	P	23 55 12.9 -0.7
X29A	Tulia	33.10 330	P	P	23 55 15.2 +0.9
S37A	Fort Scott	33.24 342	P	P	23 55 14.5 -0.9
MSTX	Muleshoe	33.26 329	P	P	23 55 16.1 +0.4
MSTX	Muleshoe	33.26 329	eP	P	23 55 18.7 +3.0
AMTX	Amarillo	33.44 331	P	P	23 55 15.8 -1.4
AMTX	Amarillo	33.44 331	eP	P	23 55 20.5 +3.2
S36A	Lake Cedric, C	33.45 341	P	P	23 55 16.0 -1.2
U32A	Winter Ranch,	33.49 336	P	P	23 55 16.5 -1.1
S35A	Otter Creek Ra	33.65 340	P	P	23 55 17.1 -1.8
R37A	Teagarden Farm	33.76 343	P	P	23 55 19.6 -0.2
T33A	Patterson Ranc	33.81 337	P	P	23 55 19.6 -0.7
ACSO	Alum Creek Sta	33.82 360	eP	P	23 55 23.4 +3.1
ACSO	comp-Z,21nm,2.0s		LR	LR	
R36A	Gordon, Harris	33.97 342	P	P	23 55 21.3 -0.4
T32A	Huddler Ranch,	34.16 337	P	P	23 55 23.7 +0.3
Q37A	Longview Farm,	34.17 344	P	P	23 55 23.4 0.0
R35A	Emporia Municipi	34.19 341	P	P	23 55 23.8 +0.2
SFIN	Scholer Farm	34.20 354	P	P	23 55 23.2 -0.4
SFIN	Scholer Farm	34.20 354	eP	P	23 55 24.8 +1.2
U30A	WK&E Inc. Balk	34.32 334	P	P	23 55 25.0 +0.2
T31A	Randall Ranch,	34.39 336	P	P	23 55 23.4 -2.0
R34A	Isabella, Hill	34.52 340	P	P	23 55 25.7 -0.8
Q36A	Arnold C. Orve	34.54 342	P	P	23 55 26.4 -0.3
Q35A	Mercer Eighty,	34.63 342	P	P	23 55 26.9 -0.4
HDIL	Hopedale	34.66 351	P	P	23 55 26.6 -1.0
HDIL	Hopedale	34.66 351	eP	P	23 55 27.5 0.0
HDIL	comp-Z,11nm,21.0s		LR	LR	
R33A	Olander Ranch,	34.79 339	P	P	23 55 28.4 -0.4
Q34A	Chapman	34.98 340	P	P	23 55 30.0 -0.4
KSU1	Kansas State U	35.03 341	P	P	23 55 30.0 -0.8
KSU1	Kansas State U	35.03 341	eP	P	23 55 31.7 +0.8
KSU1	comp-Z,11nm,20.0s		LR	LR	
121A	Cookes Peak, D	35.07 321	P	P	23 55 30.9 -0.6
P36A	Good Intent, A	35.08 343	P	P	23 55 30.7 -0.5
T29A	Hugoton	35.13 334	P	P	23 55 31.1 -0.7
R32A	Long Quarter,	35.16 338	P	P	23 55 31.0 -1.0
S30A	Montezuma	35.18 335	P	P	23 55 31.1 -1.1
P35A	Duane Minner,	35.23 342	P	P	23 55 32.0 -0.6

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Q33A	Connelly Farm,	35.35 339	P	P	23 55 33.2 -0.4
R31A	Burdett	35.35 337	P	P	23 55 33.1 -0.7
S29A	Ulysses	35.44 334	P	P	23 55 33.6 -0.9
Q36A	Bolkow	35.48 344	P	P	23 55 34.6 -0.1
P34A	Walnut Farm, R	35.51 341	P	P	23 55 34.5 -0.5
BNN	Barren Site	35.51 325	eP	P	23 55 38.9 +3.5
Q32A	Mettler Ranch,	35.60 339	P	P	23 55 34.6 -1.2
LPM	Los Pinos Moun	35.62 325	eP	P	23 55 39.8 +3.5
R30A	Dighton	35.65 336	P	P	23 55 35.8 -0.4
P33A	Williams Farm,	35.69 340	P	P	23 55 36.4 -0.2
N37A	Lee Faris, Mou	35.87 345	P	P	23 55 37.9 -0.1
Q35A	Humboldt	35.88 343	P	P	23 55 38.1 -0.1
CBKS	Cedar Bluff	35.89 337	eP	P	23 55 41.5 +3.2
CBKS	comp-Z,18nm,1.0s		MLR	MLR	
CBKS	Cedar Bluff	35.89 337	P	P	23 55 38.0 -0.3
CBKS	Cedar Bluff	35.89 337	eP	P	23 55 41.5 +3.2
CBKS	comp-Z,18nm,1.0s		LR	LR	
AAM	Ann Arbor	35.90 359	PFAKE	LR	23 55 50.0 +1.2
AAM	comp-Z,21nm,21.0s		LR	LR	
LAZ	Ladron	35.98 324	eP	P	23 55 42.5 +3.1
ANMO	Albuquerque	35.99 326	P	P	23 55 42.4 +3.0
ANMO	comp-Z,23nm,1.0s	35.99 326	eP	P	23 55 42.7 +3.3
ANMO	comp-Z,29nm,1.1s		LR	LR	
Q34A	Beatrice	36.04 342	P	P	23 55 38.4 -1.1
R29A	Marienthal	36.12 335	P	P	23 55 40.3 0.0
Q33A	Hebron	36.23 341	P	P	23 55 41.3 +0.1
R28A	Tribune	36.34 334	P	P	23 55 42.5 +0.3
P31A	Stockton	36.37 338	P	P	23 55 42.5 +0.1
Q29A	Dakley	36.45 336	P	P	23 55 43.1 0.0
T25A	Trinidad	36.57 330	P	P	23 55 44.3 -0.1
T25A	Trinidad	36.57 330	eP	P	23 55 47.4 +3.0
M36A	Felix, Anita	36.67 345	P	P	23 55 45.0 +0.1
SCIA	State Center	36.71 347	eP	P	23 55 45.4 +0.2
SCIA	comp-Z,35nm,0.9s		LR	LR	
P30A	Selden	36.72 337	P	P	23 55 45.3 -0.1
TUC	Tucson	36.85 318	eP	P	23 55 49.2 +2.5
TUC	comp-Z,9.0nm,1.0s		MLR	MLR	
TUC	Tucson	36.85 318	eP	P	23 55 49.2 +2.5
TUC	comp-Z,8.6nm,1.0s		LR	LR	
LCO	Las Campanas	36.92 162	PFAKE	LR	23 56 00.0 +1.3
LCO	comp-Z,31nm,21.0s	36.92 162	P	P	23 55 47.4 +0.3
Q28A	Sharon Springs	36.95 335	P	P	23 55 47.3 -0.2
JFWS	Jewell Farm	37.11 351	eP	P	23 55 48.7 +0.1
JFWS	comp-Z,29nm,0.7s		MLR	MLR	
JFWS	Jewell Farm	37.11 351	eP	P	23 55 48.7 +0.1
JFWS	comp-Z,29nm,0.7s		LR	LR	
Q30A	MW Ranch, Wils	37.20 338	P	P	23 55 49.3 -0.2
L36A	Harm Buss Farm	37.24 345	P	P	23 55 49.5 -0.3
KSCO	Kaye Shedlock	37.25 334	eP	P	23 55 54.3 +4.2
K38A	Parkersburg	37.32 348	P	P	23 55 50.2 -0.2
P28A	Saint Francis	37.35 335	P	P	23 55 50.2 -0.6
SDCO	Great Sand Dun	37.59 330	P	P	23 55 53.6 +0.5
SDCO	Great Sand Dun	37.59 330	eP	P	23 55 54.4 +1.3
SDCO	comp-Z,11nm,22.0s		LR	LR	
K37A	Belmond	37.62 347	P	P	23 55 53.9 +0.9
K36A	Gilmore City	37.70 346	P	P	23 55 54.4 +0.9
214A	Organ Pipe Nat	38.00 316	P	P	23 55 56.8 +0.4
W18A	Petrified Fore	38.01 323	P	P	23 55 58.5 +1.8
W18A	Petrified Fore	38.01 323	eP	P	23 56 03.0 +6.4
L33A	Hoskins	38.03 342	P	P	23 55 57.4 +1.0
L32A	Elgin	38.11 341	P	P	23 55 58.2 +1.1
J37A	Redenius Farm,	38.12 347	P	P	23 55 58.4 +1.2
N28A	Pribbeno Ranch	38.21 337	P	P	23 55 58.2 +0.2
S22A	4UR Ranch, Cre	38.26 328	P	P	23 55 59.6 +0.8
S22A	4UR Ranch, Cre	38.26 328	eP	P	23 56 00.8 +2.0
J36A	Divide Fore	38.32 346	P	P	23 55 58.5 -0.4
Q24A	Divide	38.37 331	P	P	23 56 00.7 +1.0
Q24A	Divide	38.37 331	eP	P	23 56 02.2 +2.5
GLMI	Grayingl	38.45 358	PFAKE	LR	23 56 10.0 +1.0
L31A	Butterfield Fa	38.53 341	P	P	23 56 01.3 +0.6
M29A	Burnside Ranch	38.53 338	P	P	23 56 01.5 +0.7
I38A	Scanlan Farm,	38.57 349	P	P	23 56 00.8 -0.1
OGNE	Ogallala	38.62 336	P	P	23 56 01.7 +0.1
OGNE	Ogallala	38.62 336	PFAKE	LR	23 56 20.0 +1.8
MVCO	Mesa Verde	38.76 326	P	P	23 56 03.8 +0.9
MVCO	Mesa Verde	38.76 326	eP	P	23 56 03.9 +0.9
MVCO	comp-Z,43nm,1.0s		LR	LR	
LONY	Lake Ozonia	38.86 9	PFAKE	LR	23 56 20.0 +1.7
LONY	comp-Z,11nm,20.0s		LR	LR	
PLVO	Plevna	38.94 6	eP	P	23 56 06.5 +2.5
J33A	Davis	39.00 343	P	P	23 56 03.4 -1.1
H37A	Dierke Farm, C	39.20 348	P	P	23 56 05.9 -0.4
K30A	Basset	39.23 340	P	P	23 56 05.8 -0.8

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ISCO	Idaho Springs	39.25 332	eP	P	23 56 07.5 +0.4
ISCO	comp-Z,10.0nm,0.8s		MLR	MLR	
ISCO	Idaho Springs	39.25 332	P	P	23 56 05.4 -1.7
ISCO	Idaho Springs	39.25 332	eP	P	23 56 07.5 +0.4
ISCO	comp-Z,10nm,0.9s		LR	LR	
WUAZ	Wupatki	39.28 322	P	P	23 56 04.9 -2.3
WUAZ	Wupatki	39.28 322	eP	P	23 56 10.3 +3.1

Code	Station Name	Δ°	AZ°	Phase ID	Op	Time Res	ISC	EMIN	Sn	Sn	00 17 41.6	-1.8	comp=E,18nm,0.5s	MESJ	Messejana	3.71 267	Pn	Pn	00 17 29.1	-0.7	
EQES	Quesada	0.47 128	∥Pg	Pg		00 16 43.4	+0.7	EMIN	9.6nm,0.3s,SNR=9.1	Lg	Lg	00 17 50.0		MESJ	Messejana	3.71 267	Pn	Pn	00 18 09.6	-3.6	
EQES	167nm,0.3s,SNR=18			Lg	Lg	00 16 49.7		EMIN	34nm,0.3s	Lg	Lg	00 17 15.2	+0.6	MESJ	comp=E,5.1nm,0.1s	3.71 267	Pn	Pn	00 17 29.1	-0.7	
EQES	485nm,0.3s			Lg	Lg	00 16 49.7		GUD	5.3nm,0.3s,SNR=10.0	Pn	Pn	00 17 22.9	+0.1	MESJ	Messejana	3.71 267	Pn	Pn	00 18 09.6	-3.6	
EQES	Quesada	0.47 128	Pg	Pg		00 16 43.4	+0.7	GUD	2.9nm,0.8s,SNR=9.7	Lg	Lg	00 17 55.5		MESJ	comp=E,5.1nm,0.1s		eSg	Sg	00 18 28.6	-3.6	
EQES	167nm,0.3s,SNR=18			Lg	Lg	00 16 49.7		GUD	46nm,0.3s,SNR=12	Lg	Lg	00 17 15.2	+0.6	PMTG	Montargil	3.79 286	ePn	Pn	00 17 30.4	-0.4	
EQES	485nm,0.3s			Lg	Lg	00 16 49.7		GUD	5.3nm,0.3s,SNR=10.0	Pn	Pn	00 17 16.4	-0.4	PMTG	Montargil	3.79 286	eSg	Sg	00 18 13.0	-2.4	
GORA	Gorafe	0.73 147	∥Pg	Pg		00 16 47.5	0.0	PBAR	Barrancos	ePn	Pn	00 17 16.4	-0.4	PMTG	Montargil	3.79 286	eSg	Sg	00 18 36.2	+1.2	
GORA	226nm,0.1s,SNR=18			Lg	Lg	00 16 57.8		PBAR	76nm,0.4s	eSg	A	00 18 07.8		PMTG	comp=E,38nm,0.6s	3.79 286	ePn	Pn	00 17 30.4	-0.6	
GORA	829nm,0.3s,SNR=7.9			Lg	Lg	00 16 47.5	0.0	PBAR	Barrancos	Pn	Pn	00 17 16.4	-0.4	PMTG	Montargil	3.79 286	eSg	Sg	00 18 13.0	-2.4	
GORA	Gorafe	0.73 147	Pg	Pg		00 16 47.5	0.0	PBAR	76nm,0.4s	Pn	Pn	00 17 47.9	-1.9	PMTG	comp=E,38nm,0.6s	3.79 286	eSg	Sg	00 18 36.2	+1.2	
GORA	226nm,0.1s,SNR=18			Lg	Lg	00 16 57.8		PBAR	Barrancos	eSg	A	00 17 47.9	-1.9	MTE	Manteigas	3.86 308	eSg	Sg	00 18 35.4	-1.9	
GORA	829nm,0.3s,SNR=7.9			Lg	Lg	00 16 57.8		PBAR	76nm,0.4s	eSg	A	00 17 16.4	-0.4	MTE	Manteigas	3.86 308	eSg	Sg	00 18 48.1	-1.9	
SESP	Santiago Espad	0.79 88	∥Pg	Pg		00 16 49.0	+0.5	EPLA	Plasencia	Pn	Pn	00 17 17.4	+0.2	MTE	Manteigas	3.86 308	eSg	Sg	00 18 35.4	-1.9	
SESP	93nm,0.1s,SNR=18			Lg	Lg	00 16 58.9		EPLA	1.7nm,0.3s,SNR=15	Pg	Pg	00 17 27.0	+0.4	PNCL	Nicolau / Gran	3.93 272	ePn	Pn	00 17 32.6	+0.3	
SESP	745nm,0.1s,SNR=7.9			Lg	Lg	00 16 49.0	+0.5	EPLA	8.0nm,0.2s,SNR=33	Lg	Lg	00 18 02.0		PNCL	Nicolau / Gran	3.93 272	eSg	Sg	00 18 16.9	-1.9	
SESP	Santiago Espad	0.79 88	Pg	Pg		00 16 49.0	+0.5	EPLA	24nm,0.3s	Pn	Pn	00 17 17.4	+0.2	PNCL	Nicolau / Gran	3.93 272	eSg	Sg	00 18 35.0	+5.5	
SESP	93nm,0.1s,SNR=18			Lg	Lg	00 16 58.9		EPLA	1.7nm,0.3s,SNR=15	Pg	Pg	00 17 27.0	+0.4	PNCL	Nicolau / Gran	3.93 272	eSg	Sg	00 18 39.1		
SESP	745nm,0.1s,SNR=7.9			Lg	Lg	00 16 58.9		EPLA	8.0nm,0.2s,SNR=33	Lg	Lg	00 18 02.0		PNCL	Nicolau / Gran	3.93 272	eSg	Sg	00 18 35.0	+5.5	
EHUE	Huescar	0.80 110	∥Pg	Pg		00 16 48.8	0.0	EPLA	24nm,0.3s	Lg	Lg	00 18 02.0		MVO	Moncorvo	4.08 320	ePn	Pn	00 17 32.6	+0.3	
EHUE	237nm,0.2s,SNR=18			Lg	Lg	00 16 58.6		EPLA	1.7nm,0.3s,SNR=15	Pg	Pg	00 17 27.0	+0.4	MVO	Moncorvo	4.08 320	eSg	Sg	00 18 16.9	-1.9	
EHUE	294nm,0.2s,SNR=7.9			Lg	Lg	00 16 48.8	0.0	EPLA	8.0nm,0.2s,SNR=33	Lg	Lg	00 18 02.0		MVO	comp=E,8.0nm,0.4s	4.08 320	ePn	Pn	00 17 35.8	+0.8	
EHUE	237nm,0.2s,SNR=18			Lg	Lg	00 16 58.6		EBAD	Badajoz	∥Pn	Pn	00 17 17.1	-0.3	MVO	Moncorvo	4.08 320	eSg	Sg	00 18 21.1	-1.3	
EADA	Adamuz	0.82 275	∥Pg	Pb		00 16 50.0	+0.9	EBAD	2.4nm,0.2s,SNR=18	Pg	Pb	00 17 23.1	+0.2	MVO	comp=E,1.7nm,0.8s	4.08 320	Pn	Pn	00 17 35.3	+0.3	
EADA	22nm,0.2s,SNR=18			Lg	Lg	00 17 01.0		EBAD	3.2nm,0.1s,SNR=7.9	Sn	Sn	00 17 47.8	-3.1	MVO	Moncorvo	4.08 320	Pn	Pn	00 18 20.2	-2.2	
EADA	386nm,0.2s			Lg	Lg	00 17 01.0		EBAD	12nm,0.3s,SNR=8.8	Lg	Lg	00 18 02.5		MVO	comp=E,0.1nm,0.2s,SNR=17		Sn	Sn	00 18 20.2	-2.2	
ECOG	Cogollos-Vega	0.82 181	Pg	Pg		00 16 48.9	-0.2	EBAD	39nm,0.4s	Pn	Pn	00 17 17.1	-0.3	MVO	comp=E,4.5nm,0.2s,SNR=7.9	4.08 320	Lg	Lg	00 18 40.7		
ECOG	61nm,0.2s,SNR=73			Lg	Lg	00 16 59.7		ETOR	2.4nm,0.2s,SNR=18	Pn	Pn	00 17 19.8	+0.2	MVO	comp=E,0.1nm,0.2s,SNR=17		Pn	Pn	00 17 35.3	+0.3	
ECOG	525nm,0.3s			Lg	Lg	00 16 48.9	-0.2	ETOR	6.8nm,0.7s,SNR=15	Pn	Pb	00 17 19.8	+0.2	MVO	comp=E,4.5nm,0.2s,SNR=7.9		Lg	Lg	00 18 40.7		
ECOG	Cogollos-Vega	0.82 181	Pg	Pg		00 16 48.9	-0.2	ETOR	22nm,0.3s,SNR=12	Pn	Pb	00 17 25.2	-2.2	MVO	comp=E,4.5nm,0.2s,SNR=7.9		eSg	Sg	00 18 41.6	-2.5	
ECOG	61nm,0.2s,SNR=73			Lg	Lg	00 16 59.7		ETOR	11nm,0.3s	Lg	Lg	00 18 06.7		MVO	comp=N,1.7nm,0.8s	4.08 287	eP	Pn	00 17 34.3	-0.7	
ECOG	525nm,0.3s			Lg	Lg	00 16 59.7		ETOR	90nm,0.4s,SNR=8.0	Lg	Lg	00 17 19.8	+0.2	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
SELV	Sierra Elvira	0.87 190	∥Pg	Pg		00 16 50.1	0.0	ETOR	6.6nm,0.7s,SNR=15	Pn	Pn	00 17 19.8	+0.2	MVO	ALMIR	4.08 287	eS	Pn	00 18 21.1		
SELV	11nm,0.1s,SNR=18			Lg	Lg	00 17 01.4		ETOR	90nm,0.4s,SNR=8.0	Lg	Lg	00 18 06.7		MVO	comp=N,14nm,0.1s	4.08 287	eS	Pn	00 17 34.3	-0.7	
SELV	Sierra Elvira	0.87 190	Pg	Pg		00 16 50.1	0.0	ETOR	6.6nm,0.7s,SNR=15	Pn	Pn	00 17 19.8	+0.2	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
SELV	11nm,0.1s,SNR=18			Lg	Lg	00 17 01.4		EGRO	90nm,0.4s,SNR=8.0	Lg	Lg	00 17 21.6	-0.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
SELV	Sierra Elvira	0.87 190	Pg	Pg		00 16 50.1	0.0	EGRO	2.8nm,0.3s,SNR=18	Sn	Sn	00 17 57.1	-2.8	MVO	comp=N,7.2nm,0.1s	4.08 287	Pn	Pn	00 17 34.3	-0.7	
SELV	11nm,0.1s,SNR=18			Lg	Lg	00 17 01.4		EGRO	5.4nm,0.3s,SNR=7.6	Lg	Lg	00 18 10.1		MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EQUE	Quentar	0.90 175	Pg	Pg		00 16 50.4	-0.2	EGRO	18nm,0.4s	Pn	Pn	00 17 21.6	-0.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EQUE	49nm,0.1s,SNR=242			Lg	Lg	00 17 01.8		EGRO	2.8nm,0.3s,SNR=18	Pn	Pn	00 17 57.1	-2.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EQUE	Quentar	0.90 175	Pg	Pg		00 16 50.4	-0.2	EGRO	5.4nm,0.3s,SNR=7.6	Lg	Lg	00 18 10.1		MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EQUE	49nm,0.1s,SNR=242			Lg	Lg	00 17 01.8		EGRO	18nm,0.4s	Pn	Pn	00 17 21.6	-0.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EGUA	Gusjares	1.26 181	Pg	Pn		00 16 56.4	+0.2	EGRO	2.8nm,0.3s,SNR=18	Pn	Pn	00 17 57.1	-2.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EGUA	0.6nm,0.3s,SNR=7.9			Lg	Lg	00 17 13.0		EGRO	5.4nm,0.3s,SNR=7.6	Lg	Lg	00 18 10.1		MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EGUA	40nm,0.2s,SNR=7.9			Lg	Lg	00 17 13.0		EGRO	18nm,0.4s	Pn	Pn	00 17 21.6	-0.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EGUA	Gusjares	1.26 181	Pg	Pn		00 16 56.4	+0.2	EGRO	2.8nm,0.3s,SNR=18	Pn	Pn	00 17 57.1	-2.8	MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EGUA	0.6nm,0.3s,SNR=7.9			Lg	Lg	00 17 13.0		EGRO	5.4nm,0.3s,SNR=7.6	Lg	Lg	00 18 10.1		MVO	ALMIR	4.08 287	eS	Pn	00 18 18.3	-4.1	
EBER	Berja	1.30 156	Pg	Pn		00 16 57.1	+0.1	EMOS	Mosqueruela	3.29 46	Pn	Pn	00 17 25.1	+0.9	MORF	Marmelete	4.13 261	eP	Pn	00 17 34.9	-0.8
EBER	47nm,0.3s,SNR=348			Lg	Lg	00 17 14.6		EMOS	6.8nm,0.5s,SNR=7.1	Pg	Pb	00 17 30.5	-0.8	MORF	Marmelete	4.13 261	eS	Pn	00 18 19.5	-4.1	
EBER	87nm,0.4s			Lg	Lg	00 17 14.6		EMOS	1.1nm,0.1s,SNR=7.9	Lg	Lg	00 18 16.6		MORF	Marmelete	4.13 261	eS	Pn	00 17 35.3	-0.4	
EBER	Berja	1.30 156	Pg	Pn		00 16 57.1	+0.1	EMOS	2.9nm,0.2s,SNR=7.9	Pn	Pn	00 17 25.1	+0.9	MORF	Marmelete	4.13 261	eS	Pn	00 18 21.0	-2.7	
EBER	47nm,0.3s,SNR=348			Lg	Lg	00 17 14.6		EMOS	6.8nm,0.5s,SNR=7.1	Pg	Pb	00 17 30.5	-0.8	MORF	Marmelete	4.13 261	eS	Pn	00 18 19.5	-4.1	
EBER	87nm,0.4s			Lg	Lg	00 17 14.6		EMOS	1.1nm,0.1s,SNR=7.9	Lg	Lg	00 18 16.6		MORF	Marmelete	4.13 261	eS	Pn	00 17 35.3	-0.4	
ECAB	Ej Cabril	1.48 270	∥Pn	Pn		00 16 59.0	-0.2	EMOS	2.9nm,0.2s,SNR=7.9	Pn	Pn	00 17 25.1	+0.9	MORF	Marmelete	4.13 261	eS	Pn	00 18 21.0	-2.7	
ECAB	25nm,0.2s,SNR=18			Lg	Lg	00 17 17.5	-0.8	EMOS	6.8nm,0.5s,SNR=7.1	Pg	Pb	00 17 30.5	-0.8	MORF	Marmelete	4.13 261	eS	Pn	00 18 19.5	-4.1	
ECAB	63nm,0.3s,SNR=20			Lg	Lg	00 17 20.7		EMOS	1.1nm,0.1s,SNR=7.9	Lg	Lg	00 18 16.6		MORF	Marmelete	4.13 261	eS	Pn	00 17 35.3	-0.4	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECAL Calabor, PMAFR Mafr, POLO Lamias de Olo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRAM Graiana, CODM Codolo, BACM Baccana.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BACM Eremo, ERBM Eremo, PRMA PARMA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitan, PAU Puzhetzka, PAU comp=Z,450nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IJSCJB 11 01:26:52.6:0.3, 5:86S:0:04, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SONM, PETK, MKAR, ZALV, ILAR, TXRD, and TORO.

Technical notes and coordinates for various stations, including IDs like IDC, CASQ, ISCJ, NEIC, and BUJ, along with their respective frequencies and modes.

Main table listing station call signs, names, frequencies, and modes. Includes stations like CRIN, CNCH, TEL3, VSM, COPN, CNGN, MOMM, CRUN, XAVN, SNVI, TSN, LGANA, CAHU, LFBS, LBR5, SNET, LFU, BOQS, SAN BLAS, SNJE, TGUH, RTI, BOAB, RBDL, GBS2, LALPC, BUEV, GB1A, GPS1, GPS2, CHPS, CUJ, MCCA, BRU2, BRU2, TBS2, BRU, CMIG, TEIG, ZANG, TLIG, PAYG, MOIG, OTAV, GTEY, ROSC, ROSC, PAPH, OJ3Z, DWPF, ZAI, SDV, OJ3A, 936A, O34A, KVTX, 934A, 737A, 835A, 933A, SDD.

Main table listing station call signs, names, frequencies, and modes. Includes stations like 834A, 736A, 540A, BRAL, 735A, 539A, HKT, 636A, 833A, 734A, 538A, 440A, 635A, 537A, 832A, 733A, 439A, 634A, 536A, 438A, TIGA, TIGA, 732A, 535A, 340A, 339A, 633A, VBMS, 436A, 534A, 338A, 337A, 533A, 435B, 231A, 336A, 434A, 238A, ATAH, ATAH, 335A, LRAL, 532A, 237A, 433A, JCT, JCT, 334A, 531A, 138A, 432A, WHTX, WHTX, 333A, 530A, 136A, GOGA, 431A, 234A, 332A, 238A, 135A, 237A, 529A, 233A, 430A, 331A, NHSC, HUMP, 134A, 232A, TX31, TXAR, TXAR, 429A, OXF, 236A, Y39A, Y38A, 330A.

Main table listing station call signs, names, frequencies, and modes. Includes stations like H06E1, 133A, 231A, Z35A, Y37A, MIAR, MIAR, UALR, PCRV, Y36A, ABTX, ABTX, Z34A, 230A, JSC, 329A, STVI, SWET, Y35A, Z33A, X38A, 131A, X37A, 229A, Y34A, Z32A, 130A, CPCT, X36A, W38A, X35A, Z31A, Y33A, KMSC, KMSC, TKL, W37A, 228A, 129A, WWT, WWT, X34A, W36A, Y32A, Z30A, X33A, 128A, W35A, Y31A, Y31A, Z29A, X32A, WMOK, Y37A, PARMO, Y30A, Y36A, W34A, PBMO, TUL1, TUL1, Z28A, TZTN, W33A, SMRT, Y35A, X31A, Y29A, U38A, CNNC, U37A, W32A, X30A, MNTX, MNTX, V34A, U36A, Y28A, W31A, U35A, X29A, MSTX, MSTX, V32A.

SIUC	Southern Illin	25.88 358	eP	P	02 33 36.6	-0.3
W30A	Crocket Farms	25.88 336	P	P	02 33 38.1	+1.1
T37A	Cheneyville 18	25.98 348	P	P	02 33 38.1	+0.4
U34A	Anderson Ranch	25.98 343	P	P	02 33 38.1	+0.3
U34A	Anderson Ranch	25.98 343	eP	P	02 33 37.7	-0.1
X28A	Dimmitt	25.99 333	P	P	02 33 38.5	+0.4
AMTX	Amarillo	26.07 334	P	P	02 33 39.2	+0.5
AMTX	Amarillo	26.07 334	eP	P	02 33 39.3	+0.5
V31A	Spring Creek L	26.13 338	P	P	02 33 40.6	+1.3
T36A	Boggs Farm, Ca	26.13 346	P	P	02 33 39.4	+0.3
T35A	Sooner Cattle	26.15 345	P	P	02 33 40.0	+0.6
W29A	Amrillo	26.26 335	P	P	02 33 41.8	+1.3
BLA	Blacksburg	26.32 14	eP	P	02 33 41.6	+0.7
CCM	Cathedral Cave	26.34 355	eP	P	02 33 40.3	-0.7
CCM	Cathedral Cave	26.34 355	eP	P	02 37 07.2	+1.1
U32A	Winter Ranch,	26.38 340	P	P	02 33 41.6	+0.1
T34A	McClaskey Farm	26.43 344	P	P	02 33 42.6	+0.8
WCI	Wyandotte Cave	26.44 3	eP	P	02 33 41.4	-0.5
S37A	Fort Scott	26.57 348	P	P	02 33 44.8	+1.6
W28A	Vega	26.62 334	P	P	02 33 45.5	+1.8
U31A	Nine Bar Ranch	26.66 339	P	P	02 33 44.9	+0.8
S36A	Lake Cedric, C	26.70 347	P	P	02 33 44.7	+0.4
T33A	Patterson Ranc	26.79 342	P	P	02 33 45.9	+0.8
S35A	Otter Creek Ra	26.82 346	P	P	02 33 47.2	+1.7
V29A	Stinnett	26.86 336	P	P	02 33 46.9	+1.0
OLIL	Olney	26.88 0	eP	P	02 33 45.3	-0.6
S34A	Willow Spring	27.04 344	P	P	02 33 48.8	+1.4
T32A	Huddler Ranch,	27.09 341	P	P	02 33 49.3	+1.5
U30A	WK&E Inc. Balk	27.10 338	P	P	02 33 49.6	+1.6
R37A	Teagarden Farm	27.11 349	P	P	02 33 49.1	+1.1
R36A	Gordon, Harris	27.25 347	P	P	02 33 50.2	+0.9
T31A	Randall Ranch,	27.26 340	P	P	02 33 50.4	+1.0
121A	Cookes Peak, D	27.39 322	P	P	02 33 51.4	+0.6
121A	Cookes Peak, D	27.39 322	eP	P	02 33 52.8	+2.0
R35A	Emporia Munic	27.41 346	P	P	02 33 51.7	+1.0
S32A	Newby Ranch, P	27.57 341	P	P	02 33 53.0	+0.9
Q37A	Longview Farm,	27.58 350	P	P	02 33 53.1	+0.9
R34A	Isabella, Hill	27.64 345	P	P	02 33 53.8	+1.0
S31A	Mullinville	27.67 341	P	P	02 33 54.2	+1.1
R33A	Olander Ranch,	27.85 343	P	P	02 33 55.5	+0.9
Q35A	Mercer Eighty,	27.88 347	P	P	02 33 55.8	+0.9
T29A	Hugoton	27.89 337	P	P	02 33 56.0	+0.9
CBN	Corbin	28.09 18	eP	P	02 33 57.7	+0.9
Q34A	Chapman	28.15 346	P	P	02 33 57.9	+0.5
R32A	Long Quarter,	28.16 342	P	P	02 33 58.0	+0.5
S29A	Ulysses	28.23 338	P	P	02 33 58.7	+0.6
KSU1	Kansas State U	28.24 346	P	P	02 33 58.9	+0.8
KSU1	Kansas State U	28.24 346	eP	P	02 33 58.6	+0.4
R31A	Burdett	28.29 341	P	P	02 33 59.7	+1.1
ANMO	Albuquerque	28.41 327	P	P	02 34 02.8	+2.8
ANMO	Albuquerque	28.41 327	eP	P	02 34 00.7	+0.8
P36A	Good Intent, A	28.44 349	P	P	02 34 00.9	+1.0
Q33A	Connelly Farm,	28.45 344	P	P	02 34 00.8	+0.8
S28A	Manter	28.50 337	P	P	02 34 00.5	-0.1
P35A	Duane Minner,	28.52 347	P	P	02 34 00.1	-0.5
R30A	Dighton	28.53 340	P	P	02 34 01.8	+1.0
SFIN	Scholer Ranch	28.54 2	P	P	02 34 00.2	+0.8
Q32A	Mettler Ranch,	28.65 343	P	P	02 34 01.9	+0.1
HDIL	Hopedale	28.72 358	P	P	02 34 02.2	-0.1
P34A	Walnut Farm, R	28.72 346	P	P	02 34 02.4	0.0
ACSO	Alum Creek Sta	28.76 8	eP	P	02 34 02.2	-0.5
MCWV	Mont Chateau	28.79 14	eP	P	02 34 02.8	-0.1
P33A	Williams Farm,	28.83 345	P	P	02 34 03.9	+0.5
CBKS	Cedar Bluff	28.84 341	P	P	02 34 04.2	+0.7
CBKS	Cedar Bluff	28.84 341	eP	P	02 34 06.7	+3.2
Q36A	Bolckow	28.89 349	P	P	02 34 04.2	+0.3
R28A	Tribune	29.13 338	P	P	02 34 07.4	+1.3
TUC	Tucson	29.13 318	eP	P	02 34 05.7	-0.5
Q30A	Quinter	29.14 341	P	P	02 34 06.8	+0.6
T25A	Trinidad	29.16 333	P	P	02 34 07.8	+1.3
Q35A	Humboldt	29.21 348	P	P	02 34 06.6	-0.1
P32A	Hutting Farm,	29.25 344	P	P	02 34 07.2	+0.1
Q34A	Beatrice	29.30 347	P	P	02 34 07.6	+0.2
Q29A	Oakley	29.32 339	P	P	02 34 07.6	-0.2
SDMO	Soldier's Deli	29.36 18	eP	P	02 34 07.1	-1.0
P31A	Stockton	29.38 342	P	P	02 34 08.4	+0.1
N37A	Lee Faris, Mou	29.38 351	P	P	02 34 08.2	0.0
Q33A	Hebron	29.40 345	P	P	02 34 08.9	+0.4
P30A	Selden	29.66 341	P	P	02 34 11.2	+0.4
N35A	Tabor	29.73 349	P	P	02 34 11.6	+0.3
Q32A	Brockman Farm,	29.75 344	P	P	02 34 11.5	-0.1
Q28A	Sharon Springs	29.77 338	P	P	02 34 11.9	+0.1
N34A	Lincoln	29.88 347	P	P	02 34 13.0	+0.4
Q31A	Woolen Ranch,	29.94 343	P	P	02 34 13.0	-0.2
M37A	Trindle Farm,	29.98 351	P	P	02 34 14.1	+0.5

K350	Kaye Shedlock	30.02 337	P	P	02 34 14.6	+0.5
K350	Kaye Shedlock	30.02 337	eP	P	02 34 15.4	+1.3
M36A	Fellner Ranch,	30.15 350	P	P	02 34 14.9	-0.1
SDCO	Great Sand Dun	30.15 332	P	P	02 34 18.6	+3.2
SDCO	Great Sand Dun	30.15 332	eP	P	02 34 18.1	+2.7
P28A	Saint Francis	30.20 339	P	P	02 34 16.2	+0.6
SSPA	Standing Stone	30.20 16	eP	P	02 34 15.7	+0.2
214A	Organ Pipe Nat	30.27 316	P	P	02 34 16.8	+0.6
M35A	Neola	30.32 349	P	P	02 34 17.5	+1.0
M34A	Aspy Farms, Fr	30.53 348	P	P	02 34 20.1	+1.7
PTGA	Pitinga	30.71 112	P	P	02 34 21.4	+1.1
PTGA	Pitinga	30.71 112	eP	LR	02 48 08.2	
PTGA	Pitinga	30.71 112	eP	P	02 34 21.8	+1.5
L36A	Harm Buss Farm	30.76 351	P	P	02 34 20.5	+0.1
G30A	Hueftle Ranch,	30.76 342	P	P	02 34 21.7	+1.2
S22A	4UR Ranch, Cre	30.78 330	P	P	02 34 22.6	+1.7
BGNE	Belgrade	30.80 345	P	P	02 34 22.3	+1.4
L35A	Bielow Farm, R	30.92 349	P	P	02 34 22.9	+1.1
M31A	Lambrecht Ranc	30.95 344	P	P	02 34 23.1	+0.9
Q24A	Divide	31.00 334	P	P	02 34 25.4	+2.5
K38A	Parkersburg	31.04 354	P	P	02 34 23.4	+0.6
MVCO	Mesa Verde	31.20 328	P	P	02 34 24.9	+0.2
MVCO	Mesa Verde	31.20 328	eP	P	02 34 27.4	+2.8
K37A	Belmond	31.27 352	P	P	02 34 24.9	+0.1
L33A	Hoskins	31.32 347	P	P	02 34 25.5	+0.2
M29A	Burnside Ranch	31.54 342	P	P	02 34 28.1	+0.8
WUAZ	Wupatki	31.60 322	P	P	02 34 27.4	-0.7
WUAZ	Wupatki	31.60 322	eP	P	02 34 27.0	-1.1
J38A	Wedel Dairy, R	31.68 354	P	P	02 34 27.8	-0.6
L31A	Butterfield Fa	31.70 345	P	P	02 34 29.0	+0.2
M28A	Bar X Bar Ranc	31.70 341	P	P	02 34 29.4	+0.6
J37A	Redens Farm,	31.79 353	P	P	02 34 29.8	+0.4
ISCO	Idaho Springs	31.89 334	P	P	02 34 32.9	+2.1
ISCO	Idaho Springs	31.89 334	eP	P	02 34 32.9	+2.1
J36A	Seneca 1, Swea	31.91 352	P	P	02 34 31.1	+0.6
PV01	Paradox Valley	31.94 329	eP	P	02 34 33.6	+2.5
K32A	Verdigre	31.95 344	P	P	02 34 31.0	+0.1
SMCO	Snowmass	31.99 332	eP	P	02 34 34.5	+2.8
SMCO	Snowmass	31.99 332	eP	P	02 37 22.5	+1.6
K31A	O'Neill	32.10 345	P	P	02 34 34.6	+2.4
PV05	Paradox Valley	32.17 328	eP	P	02 34 35.7	+2.6
GLA	Glamis	32.29 315	P	P	02 34 34.7	+0.7
L28A	Connealy Angus	32.30 341	P	P	02 34 35.0	+0.9
SAML	Samuel	32.31 128	eP	P	02 34 33.7	-0.6
J33A	Davis	32.36 348	P	P	02 34 34.3	-0.2
K30A	Basset	32.37 344	P	P	02 34 35.2	+0.6
I38A	Scanlan Farm,	32.38 355	P	P	02 34 34.6	0.0
I37A	Lemond, Waseca	32.46 353	P	P	02 34 35.7	+0.4
Y12C	Blythe	32.49 317	P	P	02 34 35.5	-0.2
PV09	Paradox Valley	32.51 329	eP	P	02 34 37.5	+1.5
I35A	Creekview Farm	32.52 351	P	P	02 34 35.9	0.0
I36A	Fitzsimmons Fa	32.55 352	P	P	02 34 36.1	0.0
PDMCI	Parker Dam,Lak	32.56 318	P	P	02 34 36.6	+0.3
J32A	Parkston	32.59 347	P	P	02 34 36.5	0.0
K29A	Lazy Trails An	32.64 343	P	P	02 34 37.3	+0.3
ECSD	EROS Data Cent	32.69 349	P	P	02 34 37.5	+0.1
ECSD	EROS Data Cent	32.69 349	eP	P	02 34 37.0	-0.3
K28A	Ten Mile Ranch	32.90 342	P	P	02 34 40.2	+0.9
J30A	Dallas	32.94 345	P	P	02 34 40.3	+0.7
N23A	Red Feather La	32.95 335	P	P	02 34 40.4	+0.4
H37A	Dierke Farm, C	32.97 354	P	P	02 34 40.0	+0.2
I33A	Coleman	33.02 349	P	P	02 34 40.4	+0.1
BC3	Big Chiswickpark	33.06 316	P	P	02 34 40.5	-0.4
H36A	Jessenland, He	33.08 353	P	P	02 34 41.2	+0.5
PHWY	Pilot Hill	33.09 336	eP	P	02 34 41.5	+0.3
IRM	Iron Mountain	33.15 317	P	P	02 34 41.7	+0.1
J29A	Okreek	33.24 344	P	P	02 34 42.3	+0.1
H35A	Sunnyside Ranc	33.33 351	P	P	02 34 42.4	-0.5
O20A	White River Ci	33.34 332	P	P	02 34 45.9	+2.6
O20A	White River Ci	33.34 332	eP	P	02 34 47.5	+4.1
O20A	Oacoma	33.48 345	eP	P	02 37 25.7	+1.3
I30A	Oacoma	33.48 345	P	P	02 34 40.0	-0.3
J28A	Allard Ranch,	33.51 343	P	P	02 34 44.8	+0.2
J27A	Elkhorn Farm,	33.59 342	P	P	02 34 47.0	+1.8
H32A	Carlson Farm,	33.59 348	P	P	02 34 44.8	-0.4
SPMN	St. Paul	33.59 354	P	P	02 34 45.1	-0.1
SPMN	St. Paul	33.59 354	eP	P	02 34 44.4	-0.8
H33A	Prehn Over Nor	33.62 349	P	P	02 34 45.1	-0.4
SRU	San Rafael	33.68 328	eP	P	02 34 48.5	+2.2
G36A	St. Michael	33.71 353	P	P	02 34 46.7	+0.5
G35A	Watkins	33.79 352	P	P	02 34 47.5	+0.6
I29A	Vivian Onida	33.80 344	P	P	02 34 47.8	+0.7
SADO	Sadowna	33.83 12	eP	P	02 34 46.2	-1.1
SUSD	South Dakota S	33.86 346	P	P	02 34 47.4	-0.1
P18A	Preston Nutter	33.93 329	eP	P	02 34 52.9	+4.4
G34A	Benson	33.98 351	P	P	02 34 48.5	0.0

J26A	Sides Ranch, S	33.98 340	P	P	02 34 48.6	0.0
I28A	Midland	34.02 343	P	P	02 34 49.6	+0.6
P17A	Butcher Ranch,	34.06 328	eP	P	02 34 50.6	+1.0
G33A	Ortonville	34.07 350	P	P	02 34 48.7	-0.6
CCUT	Cedar City	34.16 323	eP	P	02 34 53.5	+3.0
LPZA	La Paz	34.23 144	P	P	02 34 51.1	-0.6
LPZA	La Paz	34.23 144	eP	LR	02 49 21.0	
J25A	Sunshine Ranch	34.29 340	P	P	02 34 51.4	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TPWA Teton Pass, MDND Maddock, MOOV Moose Ponds, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, YKA Yellowknife Arr, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUC 11 02:56:53, ISC 11 02:56:53, etc.

MOS 11 02:41:48.2 ± 0.5, 53N: 157.30E, h41km, mb4.2/1, Error ellipse: s-maj=54.0km s-min=7.6km az=80.2

KRSC 11 02:41:48.3 ± 0.5, 53N: 157.30E, h41km, mb4.2/1, Error ellipse: s-maj=54.0km s-min=7.6km az=80.2

Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

MOS 11 03:23:38.6 ± 1.9, 49.55N: 157.11E, h15km, mb4.5/1, Error ellipse: s-maj=47.8km s-min=9.0km az=83.9

KRSC 11 03:23:38.6 ± 1.9, 49.55N: 157.11E, h15km, mb4.5/1, Error ellipse: s-maj=47.8km s-min=9.0km az=83.9

Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like CD2, MJAR, MAJO, and ARPS.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like SONG1, ZAK, TLY, POO, MOY, WMQ, CLNS, HVS, BOD, PETK, MKR, KSH, RPZ, YAK, MA2, MAZ, URZ, MDJ, LSA, ASAJ, GAT, YUK, KLR, HIA, ULN, SONM.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like NVS, SEY, KK31, KKAR, OTUK, BVAR, BRVK, IMYA, IFIR, IVRN, ABPO, ABPO, IHRS, RAYN, VVDA, VVDA, MAW, MAW, ISHB, DAMY, SBA, SBA, SBA, DGRG, GNI, GNI, GNI, GNI, TBGL, TBGL, CLDR, AKH, AKH, NCK, ONI, ONI, AGRB, KBZ, KBZ, NEY, KIV, KIV, KIV, KIV, VRTB, SVAN, VRH, VRH, VRH, BNGB, COLD, DYBB, BAYT, MCK, MTUT, SOC, SOC, SOC, SOC, GUMT, GUMT, SVRC, VORD, VORD, VORD, VORD, KSRV, KSRV, VSR, VSR, KLMR, KLMR, ILAR, ILAR, URFA, URFA, LPSR, LPSR, LPSR, LPSR, MALT, MALT, MOS, MOS.

11d 5h

Table with columns: ANN, Anapa, 88.27 315 eP, P, 03 46 53.7 +0.1, etc. Includes stations like ANNA, ZALF, RABH, SVSK, etc.

2010 NOV

Table with columns: CVP, Callao Caves, 0.39 135.1, P, 04 06 29.2 +0.8, etc. Includes stations like KSP, KSP, UPC, etc.

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Table with columns: KURBB, Kurchatov Arra, 44.07 315 P, P, 04 58 00.4 -1.2, etc. Includes stations like WRA, ASAR, AKTO, etc.

ISCJB 11 06:06:58.7±0.4, 3.57S±0.04x138.92E±0.04, h73km, mb4.0/5, Error ellipse: s-maj=5.3km s-min=5.0km az=160.2

NEIC 11 06:07:00.2±0.9, 3.46S±138.99E, h67km, 10km, mb4.1/2, Error ellipse: s-maj=10.9km s-min=9.7km az=119.0

DJA 11 06:07:00.9±0.2, 2.93S±13.9E, h55km, M4.4/8, mb4.9/3, Mw(Mb)4.2/3

IDC 11 06:07:00.4±1.6, 3.51S±139.05E, h70km, 16km, mb3.9/5, mb1.4/2.8, mb1mx3.8/2.5, mbtmpp4.3/8, MS3.1/5, Ms1.3/1.5, ms1mx2.8/2.6, Error ellipse: s-maj=17.3km s-min=11.9km az=120.0

ISC 11 06:07:00.3±0.6, 3.50S±0.06x138.97E±0.04, h73km, n29, o158/37, mb4.1/5, Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Genyem, Sarmi, Jayapura, etc.

SKHL 11 06:08:59.6±0.4, 47.79N±142.48E, h10km, mb4.0/2, 1C, Sakhalin Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Yuzh-Sakhalins, Warramunga Arr, etc.

IDC 11 06:17:19.8±1.2, 6.84S±155.42E, h0km, mb3.6/6, mb1.3/7.6, mb1mx3.6/2.4, mbtmpp3.6/6, Error ellipse: s-maj=51.7km s-min=27.8km az=122.0

ISCJB 11 06:17:25.3±2.2, 6.9S±0.3x155.4E±0.5, h50km, mb3.5/6, Error ellipse: s-maj=76.6km s-min=21.0km az=31.6

ISC 11 06:17:26.1±1.2, 7.05S±0.2x155.6E±0.3, h50km, n11, o85/9, mb3.5/6, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Warramunga Arr, ASAR, H11S3, etc.

ISCJB 11 06:38:45.6±0.4, 39.78N±0.02x120.42E±0.03, h83km, 3km, Error ellipse: s-maj=3.7km s-min=2.6km az=154.0

ATH 11 06:38:45.7, 39.73N±20.46E, h12km, 1km, M3.3/1.6

CSEM 11 06:38:46.1±0.1, 39.74N±20.46E, h5km, ML, D2.3, Error ellipse: s-maj=3.3km s-min=2.4km az=67.0

THE 11 06:38:46.2, 39.73N±20.46E, h0km, 1km, ML2.3/2.9, Error ellipse: s-maj=1.9km s-min=0.6km az=341.0

BEO 11 06:38:49.6±0.8, 39.81N±20.30E, h26km, 4km, ML2.9/9

ISC 11 06:38:46.0±0.8, 39.73N±0.02x120.44E±0.02, h12km, 6km, n80, o99/137, Greece-Albania border region

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Sagiada, Igoumenitsa, Janina, Kerkira, Palaion Diasel, etc.

KRSC 11 07:33:33.0±1.0, 50.55N±157.07E, h54km±15km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SKR, PAU, ASAK, etc.

ISCJB 11 07:39:29.8±0.8, 9.47S±0.07x122.56E±0.05, h10km, Error ellipse: s-maj=10.8km s-min=6.6km az=28.5

DJA 11 07:39:31.9±0.7, 9.5S±12.3E, h23km±8km, M4.0/6, mb4.5/1, mb5.5/1, MLV3.8/6, Mw(Mb)4.9/1

AUST 11 07:39:34.6, 10.50S±123.00E, h0km, ISC 11 07:39:30.7±1.3, 9.46S±0.08x122.60E±0.08, h10km, n15, o55/9, Savu Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MMRI, MDRF, ENDE, SOEI, etc.

IDC 11 08:05:37.5±2.2, 8.35S±115.95E, h0km, mb3.9/3, mb1.4/2.5, mb1mx3.7/50, mbtmpp4.0/5, ML2.9/2, Error ellipse: s-maj=61.8km s-min=23.4km az=61.0

NEIC 11 08:05:41.0±3.3, 8.28S±116.04E, h21km±27km, mb4.2/3, Error ellipse: s-maj=13.9km s-min=9.9km az=212.0

NEIC Felt [III] at Mataram. DJA 11 08:05:41.5±0.5, 8.3S±11.6E, h12km±4km, M4.2/17, MLV4.2/17

AUST 11 08:05:43.3, 8.47S±115.94E, h35km, ISC 11 08:05:40.3±1.4, 8.30S±0.04x116.12E±0.03, h17km±10km, n41, o172/45, mb4.1/7, Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like TWSI, SRBI, DNP, IGBI, etc.

ISCJB 11 08:06:52.5±0.5, 8.20S±0.06x116.16E±0.04, h10km, mb4.0/7, MS3.0/1, Error ellipse: s-maj=8.6km s-min=4.6km az=164.2

IDC 11 08:06:52.1±1.1, 8.30S±115.93E, h0km, mb4.0/5, mb1.4/3.7, mb1mx3.8/50, mbtmpp4.1/7, ML4.1/2, MS3.1/2, Ms1.3/2.0, ms1mx2.7/2.9, Error ellipse: s-maj=37.5km s-min=20.5km az=53.0

DJA 11 08:06:55.3±0.6, 8.5S±11.6E, h10km, M4.1/6, MLV4.1/6

NEIC 11 08:06:57.2±0.6, 8.31S±116.09E, h35km, mb4.0/2, Error ellipse: s-maj=16.5km s-min=9.6km az=54.0

ISC 11 08:06:53.5±0.7, 8.27S±0.06x116.04E±0.04, h10km, n16, o131/21, mb4.0/7, Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SRBI, DNP, TWSI, IGBI, etc.

11d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songoing Array, Makanchi Array, etc.

IDC 11 08:09:18.6:1.1, 18:03S:167.22E, h0km, mb4.2/11, mb1 4.4/13, mb1mx4.1/40, mbtmp4.2/13, ML4.3/2, MS3.5/8, Ms1 3.5/8, ms1mx3.3/22, Error ellipse: s-maj=19.0km s-min=19.0km az=52.0

ISCJB 11 08:09:19.8:0.6, 18:1S:0.1:167.29E:0.06, h20km, mb4.1/12, MS3.5/7, Error ellipse: s-maj=17.0km s-min=8.2km az=0.1

NEIC 11 08:09:23.4:0.7, 17:98S:167.17E, h35km, mb4.4/3, Error ellipse: s-maj=18.3km s-min=12.7km az=209.0

ISC 11 08:09:21.5:0.6, 18:0S:0.1:167.20E:0.08, h20km, n23, c086/20, mb4.2/12, MS3.5/7, Vanuatu Islands

Main table for 11d 8h section, listing various stations and their parameters.

IDC 11 08:15:49.0:1.0, 0:89N:121.62E, h0km, mb3.4/5, mb1 3.5/6, mb1mx3.4/44, mbtmp3.4/6, ML3.2/1, Error ellipse: s-maj=11.8km s-min=16.1km az=66.0

ISCJB 11 08:15:57.2:0.7, 0:83N:0.06:121.24E:0.04, h70km, 7km, mb3.3/5, Error ellipse: s-maj=10.8km s-min=6.3km az=169.7

DJA 11 08:15:58.0:0.5, 1N:3x12.1E:1x, h28km, 6km, M4.2/7, mb4.3/1, MLV4.2/7

ISC 11 08:15:58.0:1.1, 0:83N:0.07:121.24E:0.04, h64km, 12km, n16, c185/23, mb3.6/5, Minahasa Peninsula, Sulawesi

Table for 11d 8h section, listing stations like Marisa, Mapaga, Ampana, etc.

CSEM 11 08:19:06.8:0.2, 37:90N:36.25E, h5km, MD2.5, Error ellipse: s-maj=5.1km s-min=3.2km az=112.0

ISCJB 11 08:19:09.6:0.7, 37:71N:0.04:36.25E:0.05, h12km, 5km, Error ellipse: s-maj=6.4km s-min=5.8km az=140.2

ISK 11 08:19:09.0, 37:69N:36.27E, h6km, MD2.5

DDA 11 08:19:10.6, 37:64N:36.27E, h16km, MD2.7

ISC 11 08:19:10.1:1.1, 37:67N:0.04:36.24E:0.03, h16km, 7km, n13, c088/24, Turkey

Table for 11d 8h section, listing stations like Andirin, Kozan, Aykinkavak, etc.

2010 NOV

ISCJB 11 08:20:57.8:0.3, 24:41N:0.02:122.00E:0.02, h17km, 5km, Error ellipse: s-maj=4.2km s-min=2.8km az=146.1

TAP 11 08:20:57.9, 24:41N:121.91E, h21km, ML3.5, B

JMA 11 08:20:57.5, 24:36N:121.92E, h22km, 3km, M2.9

ISC 11 08:20:57.6:0.9, 24:40N:0.02:121.96E:0.02, h19km, 2km, n44, c070/69, 8C-32, Taiwan

Main table for 2010 NOV section, listing various stations and their parameters.

IDC 11 08:38:38.6:1.4, 23:85S:111.63W, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.8/22, mbtmp3.8/4, ML3.5/1, MS3.8/7, Ms1 3.8/7, ms1mx3.6/15, Error ellipse: s-maj=47.2km s-min=28.4km az=57.0

ISCJB 11 08:38:39.1:1.4, 23:8S:0.2:111.6W:0.3, h11km, mb4.2/8, MS3.8/7, Error ellipse: s-maj=46.0km s-min=13.6km az=153.0

NEIC 11 08:38:40.2:0.8, 23:84S:111.58W, h10km, mb4.5/5, Error ellipse: s-maj=26.4km s-min=11.6km az=61.0

ISC 11 08:38:40.5:1.3, 23:8S:0.2:111.5W:0.3, h11km, n28, c078/10, mb4.3/8, MS3.9/7, Easter Island region

Table for 2010 NOV section, listing stations like Rapa Nui, Rikitea, Tubuai, etc.

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Table for 488 section, listing stations like La Paz, H06E1, TRQA, etc.

ISCJB 11 08:40:11.8:0.7, 38:11N:0.04:39.03E:0.03, h4km, 6km, Error ellipse: s-maj=6.9km s-min=4.4km az=2.5

DDA 11 08:40:11.2, 38:13N:39.04E, h20km, MD2.9

CSEM 11 08:40:12.0:0.2, 38:13N:39.05E, h8km, MD2.8, Error ellipse: s-maj=3.7km s-min=3.1km az=12.0

ISK 11 08:40:12.0, 38:14N:39.05E, h11km, MD2.8

ISC 11 08:40:11.9:1.1, 38:11N:0.04:39.04E:0.02, h9km, 11km, n23, c042/34, Turkey

Table for 488 section, listing stations like Sivrice-ELAZIG, Elazig, etc.

ISCJB 11 08:54:15.9:0.4, 36:72N:0.02:36.00E:0.03, h2km, 4km, Error ellipse: s-maj=3.7km s-min=2.9km az=168.7

DDA 11 08:54:15.7, 36:72N:36.01E, h2km, MD3.2

ISK 11 08:54:15.7, 36:73N:35.99E, h7km, MD3.4

CSEM 11 08:54:16.4:0.2, 36:72N:35.96E, h5km, MD3.4, Error ellipse: s-maj=3.8km s-min=2.9km az=70.0

ISC 11 08:54:16.0:1.0, 36:71N:0.02:35.99E:0.02, h6km, 9km, n47, c061/74, Turkey

Table for 488 section, listing stations like CEYT, TAHT, KRYS, etc.

Table with columns: ATAB, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Bozova, Gulagac, Darendemalaty, etc.

NNC 11 09:13:19.4.2.1, 42:19N:81:36E, h0km, mb3.9, mpv3.5, 3C-8D, Error ellipse: s-maj=15.3km s-min=8.7km az=167.0, Northern Xinjiang

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Podgornoye, Almaty, Makanchi Array, etc.

JMA 11 09:18:29.0.1.45:75N:142:69E, h326km, M3.5, Hokkaido region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Keihoku, Soyaes, Rishiri, etc.

NIED 11 09:35:00.40:20N:145:10E, h8km, Mw3.8 Best double couple: M0.35000x10^14 NP1.35000000, d34.00000, lambda=73.00000, NP2.216.00000, d58.00000, lambda=101.00000

IDC 11 09:35:08.4.0.8, 40:21N:145:34E, h0km, mb3.7/9, mb1.3/9/12, mb1mx3.8/29, mbtmp3.7/12, ML3.2, MS3.0/2, Ms1.3/0.2, ms1mx2.4/31, Error ellipse: s-maj=22.0km s-min=17.7km az=102.0

ISCJB 11 09:35:11.8.0.5, 40:25N:103:145:16E:0.04, h35km, mb3.7/9, MS3.3/1, Error ellipse: s-maj=5.1km s-min=3.7km az=24.9

JMA 11 09:35:12.1.0.3, 40:24N:145:12E, h42km, M4.0, ISC 11 09:35:13.1.0.8, 40:23N:105:145:28E:0.06, h35km, n32, r167/50, mb3.8/9, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Erimo, Tanohata, Miyakonagasawa, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Eielson Array, Inuvik, Warramunga Arr, etc.

0.7nm, 0.5s, baz=41, slow=5.7, SNR=4.0 TXAR Lajitas Array 85.79 55 P P 09 47 50.0 +0.9 4.4nm, 0.8s, baz=316, slow=3.5, SNR=3.5

ISCJB 11 10:03:49.4.0.5, 26:44S:0:04:27:39E:0.03, h10km, 3km, Error ellipse: s-maj=7.6km s-min=3.6km az=148.0, PRE 11 10:03:49.3.1.4, 26:41S:27:36E, h2km, ML3.1, ISC 11 10:03:49.9.1.0, 26:43S:0:05:27:37E:0.04, h5km, 6km, n15, r1536/29, South Africa

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Western Deep L, Kloof, Parys, etc.

IDC 11 10:11:45.1.7.5, 3:05S:100:64E, h0km, mb3.3/3, mb1.3/3, mb1mx3.3/45, mbtmp3.3/3, Error ellipse: s-maj=269.2km s-min=29.5km az=61.0, Southern Sumatara

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Chiang Mai Arr, Diego Garcia H, etc.

IDC 11 10:29:2.3.4.3, 80S:150:73E, h0km, mb3.5/3, mb1.3/3, mb1mx3.4/37, mbtmp3.6/3, Error ellipse: s-maj=119.0km s-min=45.2km az=118.0, New Ireland region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Warramunga Arr, ASAR, FITZ, etc.

DJA 11 10:17:51.9.0.6, 3:5S:130:0E, h71km, 9km, M3.8/4, mb4.8/1, MLv3.2/4, Seram

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Masohi, Masai, BNDI, etc.

KRSC 11 10:21:31.3.1.9, 50:48N:157:19E, h51km, 22km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Severo-Kuril's, Puzhetka, ASAK, etc.

DDA 11 10:28:04.6.36:36N:37:03E, h7km, Md2.8, ISCJB 11 10:28:05.9.0.6, 36:32N:0:03:36:93E:0.06, h0km, Error ellipse: s-maj=7.9km s-min=3.2km az=32.1, CSEM 11 10:28:06.6.0.4, 36:32N:36:90E, h1km, ML1.9, Error ellipse: s-maj=14.6km s-min=5.2km az=134.0, Mining explosion.

ISK 11 10:28:06.0.36:27N:36:89E, h5km, MD2.8, ISC 11 10:28:06.3.1.0, 36:36N:0:04:36:92E:0.05, h0km, n17, r0595/27, Jordan - Syria region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Kuzuni

Table with columns: BTCH, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Batrach, Tahtakopru-Hat, etc.

IDC 11 10:30:10.5.1.7, 53:45S:134:49W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.9/22, mbtmp4.0/3, Error ellipse: s-maj=624.7km s-min=30.5km az=168.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like La Paz, Alice Springs, Warramunga Arr, etc.

IDC 11 10:33:58.1.1.2, 11:14N:72:93W, h0km, mb3.6/1, mb1.3/8.2, mb1mx3.5/22, mbtmp3.9/2, ML2.9/1, Error ellipse: s-maj=56.3km s-min=32.1km az=126.0, FUNV 11 10:33:59.6.1.0, 76N:72:23W, h3km, MW4.1, ISC 11 10:33:58.9.1.7, 10:75N:0:07:72:15W:0.06, h2km, 13km, n20, r135/28, Venezuela

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Villa del Rosa, Quebrada Arrib, El Vigia, etc.

JMA 11 10:56:20.6.0.1, 25:34N:141:42E, h130km, M3.7, Volcano Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Haha-jima-NKT, Chichi jima, etc.

NIED 11 10:58:00.43:10N:149:40E, h50km, Mw3.8, Best double couple: M5.30000x10^14 NP1.35000000, d57.00000, lambda=100.00000, NP2.281.00000, d65.00000, lambda=37.00000

JMA 11 10:58:16.4.0.7, 43:10N:149:44E, h30km, M4.8, SKHL 11 10:58:16.4.0.1, 42:87N:149:43E, h45km, 5km, mb4.8/3, ISCJB 11 10:58:16.7.0.6, 42:87N:149:43E:0.05, h45km, 3km, mb3.9/10, Error ellipse: s-maj=7.0km s-min=4.9km az=161.5

MOS 11 10:58:19.8.1.7, 43:04N:149:08E, h45km, mb4.1/8, Error ellipse: s-maj=11.7km s-min=11.6km az=127.0, IDC 11 10:58:25.0.1.3, 45:08N:148:67E, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.5/41, mbtmp3.7/6, ML3.7/1, Error ellipse: s-maj=32.7km s-min=30.0km az=3.0, ISC 11 10:58:17.4.1.3, 42:84N:107:149:31E:0.09, h35km, n64, r129/67, mb3.8/11, 6C-3D, Off southeast coast of Hokkaido

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h m s, I SC. Includes stations like Shikotan, Severo-Kuril's, Puzhetka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ARCES ARCES Array B, BRTR Keskin Array B, TORO Torodi Ar. Bea.

SJA 11 12:35:42.0-9.32145:68:65W,h11km,4ML,ML3.5,MW3.5,2D,Mendoza Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTCV Cerro Valdivia, ASAL Salagasta, SJA San Juan, AUSP Uspallata, CFAA Coronel Fontan, AVIZ Liconeito, ARCO CERRO ARCO, RTLL Cerro Villicun, AAGR Agrelo, AMOG MOGNA, ACAN Cantantal, AVIZ Vicacheras, AVFE Valle Fertil, AVFE, AVFE, ACHE Chesepes, ROCT El Roto, MRA San Martin, MRA, APLL PUNTA DE LOS L AGUA GUANDACOL, VCA Vinchina, TCA Tanti, FSA Cafayete.

IDC 11 12:45:06.6:2.9,6:08S:127:75E,h404km,42km,mb3.2/2, mb1 3.2/6,mb1mx2.9/35,mbtmp4.0/6, Error ellipse: s-maj=84.9km s-min=17.7km az=82.0

AUST 11 12:45:54.6:0.0,9:63S:131:12E,h374km, Error ellipse: s-maj=2.3km s-min=1.2km az=246.0

ISC 11 12:45:06.8:0.9,6:13S:107:27.87E:0:09,h400km,n11, r164/12, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOEI Soe, SIJI Sorong, LWI Sorong, SLOW Luwul, MTN Manton Dam, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA, COEN Coen, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 11 12:47:56.9:1.5,0:90S:130:49E,h0km,mb3.6/2, mb1 3.8/3,mb1mx3.5/38,mbtmp3.6/3,ML3.5-1,MS2.6/1, Ms1 2.6/1,ms1mx2.4/22, Error ellipse: s-maj=213.0km s-min=12.0km az=173.0,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 11 12:57:42.0:2.7,27:42N:54:55E,h0km,mb3.7/5, mb1 3.8/5,mb1mx3.5/44,mbtmp3.6/5,MS2.7/1,Ms1 2.7/1, ms1mx3.3/42, Error ellipse: s-maj=64.8km s-min=26.9km

ISCJB 11 12:57:46.3:0.7,27:66N:0:06:54:48E:0:09,h25km, mb3.7/5,MS4.8/1, Error ellipse: s-maj=13.0km s-min=7.2km az=147.3

DSN 11 12:57:46.1:1.2,27:83N:54:87E,h15km,mb3.0/6,ML3.8/2, Error ellipse: s-maj=25.5km s-min=6.5km az=42.0

CSEM 11 12:57:47.0:3.0,27:63N:54:56E,h15km,ML3.1, Error ellipse: s-maj=8.8km s-min=6.9km az=41.0

ISC 11 12:57:47.8:0.8,27:59N:0:06:54:48E:0:05,h25km,n18, r184/21,mb3.6/5,2C-3D,Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, BNDS Bandar-Abbas, BANOM Banah, ASUD AI Ashush, Dub, ASUD AI Ashush, Dub, KRBR Kerman, HATD Hatta, Dubai, HATD Hatta, Dubai, ASHO Ashiyah, ASHO Ashiyah, GEYT Alibek, BRTR Keskin Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, ARCES ARCES Array B, TORO Torodi Ar. Bea, JNU Nakatsue.

ISCJB 11 13:07:24.6:1.1,58:23N:0:04:11:3E:0:2,h0km, Error ellipse: s-maj=14.2km s-min=4.2km az=165.5

CSEM 11 13:07:25.0:5.0,58:25N:11:33E,h2km,ML2.8, Error ellipse: s-maj=12.0km s-min=4.8km az=76.0,Mining explosion.

UPP 11 13:07:25.9:0.2,58:21N:11:30E,h0km,ML2.8, Explosion BER 11 13:07:25.1:3.8,58:17N:11:04E,h0km,18km, ML2.0(NAO)

NAO 11 13:07:26.2:6.2,58:32N:10:99E,ML2.0 IDC 11 13:07:28.2:2.1,58:34N:11:15E,h0km,mb1 3.4/3, mb1mx3.0/45,mbtmp3.4/3,ML2.8/4, Error ellipse: s-maj=20.7km s-min=15.0km az=153.0

ISC 11 13:07:24.5:1.1,58:24N:0:03:11:21E:0:06,h0km,n42, r113/58,Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TJOU Tjoern, STRU Stroemstad, STRU Stroemstad, STRU Stroemstad, BORU Boraas, BORU Boraas, NASU Vaermilandsnaes, FKPU Falk, FKPU Falk, FINU Finntorp, FINU Finntorp, FABU Falkenberg, FABU Falkenberg, GNOU Gnosjö, GNOU Gnosjö, ASKU Askersund, ASKU Askersund, UDD Uddeholm, UDD Uddeholm, LNKU Linköping, LNKU Linköping, EKSU Eksjö, EKSU Eksjö, HFS Hagfors, HFS Hagfors.

HFS baz=214,slow=22

HFS baz=212,slow=28

HFS baz=202,slow=37

HFS baz=213,slow=16

HFS baz=214,slow=22

HFS baz=212,slow=28

HFS baz=202,slow=37

HFS baz=182,slow=16

HFS baz=181,slow=28

HFS baz=176,slow=37

NB2 NORARS Subarra

NB2 NORARS Subarra

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NB2 NORARS Subarra

BANOM Banah, SNR=72

BANOM Banah, SNR=72

BANOM Banah, SNR=72

KRBR Kerman, comp=N,670nm,0.4s

KRBR Kerman, comp=E,478nm,0.3s

KRBR Kerman, comp=N,32nm,0.5s

HATD Hatta, Dubai, SNR=6.9

HATD Hatta, Dubai, SNR=9.5

ASHO Ashiyah, SNR=49

ASHO Ashiyah, SNR=49

ZHSF Zahedan, SNR=49

ZHSF Zahedan, SNR=49

IDC 11 13:21:18.9:1.9,42:01N:107:35W,h0km,mb3.4/2, mb1 4.0/6,mb1mx3.6/40,mbtmp3.7/6,ML3.1/4, Error ellipse: s-maj=32.5km s-min=13.0km az=141.0

NEIC 11 13:21:21.6:0.3,42:27N:107:54W,h5km,ML3.5, Error ellipse: s-maj=4.5km s-min=3.7km az=49.0

NEIC 11 13:21:20.6:1.1,42:25N:107:51W:0:02,h2km,9km, n60,r116/113,Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K22A Casper, BW06 Boulder Array, PHWY Pilot Hill, O20A White River Ci, LOHW Long Hollow, SNOW Snow King Moun, REDW Red Top Meadow, AHID Auburn Hatcher, MOOW Moose Ponds, TPWW Teton Pass, ISCO Idaho Springs, ISCO Flagg Ranch, IMW Indian Meadow, HWUT Hardware Ranch, H17A Grant Village, SMCO Snowmass, RLMT Red Lodge, RLMT Black Hills, RSSD, YFT Old Faithful, YNR Norris Junctio, YMR Madison River, YMR Camp Tracy, SPUT South Promonto, MPU Maple Canyon, QLMT Earthquake Lak, GCMT Greycliff, SRU San Rafael, PV04 Paradox Valley, TMUT Trail Mountain, NLU North Lily Min, PV01 Paradox Valley, PV01 Ogallala, DUG Dugway, BOZ Bozeman (W), LASA Array, MCKMZ McKenzie Canyo, SDCC Great Sand Dun, DILLON, KSCO Kaye Shedlock, LRMO Limekiln Ridge, MVCO Mesa Verde, MSU Marysvale, H2D Hailey, HRY Hater Researc, EGMT Eggleton, ELK Elko, CHMT Chamberlain Mt, MFMD Camas Ranch, DGMT Dagmar, CBKS Cedar Bluff, CBKS, R11A Troy Canyon, C, WUAZ Wupatki, WUAZ, EROS Data Cent, SHRP Sheep Range, NEW Newport.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like NVAR, ULM, YKA, ILAR, BUJI, etc.

Table with columns: ISAD, KAZEROUN, KASH, etc. Includes stations like KAZEROUN, KASH, KASH, etc.

Table with columns: KSH, KASH, KASH, etc. Includes stations like KASH, KASH, KASH, etc.

Table with columns: NOA, NORSTAR Array B, 45.06 330 P, 13 45 46.8 -1.0, etc. Lists various astronomical observations with coordinates and parameters.

Table with columns: ILAR, Eielson Array, 85.74 10 P, 13 50 10.1 -0.8, etc. Lists astronomical observations with coordinates and parameters.

Table with columns: PRK, Paraskevi, 1.25 184 ePn, Pg, 13 48 50.4 +0.1, etc. Lists astronomical observations with coordinates and parameters.

NEIC 11 13:49:11.6, 50:92N: 176:04W, h33km, ML3.4(AEIC), After AEIC.

IDC 11 13:49:19.5, 9:7.51:13N: 175:93W, h92km, 73km, mb3.4/6, mb1.3/6.7, mb1mx3.3/30, mb1mx3.3/7, ML3.6/1, Error ellipse: s-maj=105.1km s-min=24.9km az=161.0

ISC 11 13:49:12.9, 2:9.51:100N: 0:09:176:07W, 0.05, h31km, 20km, n28, e073/35, mb3.8.5, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists astronomical observations with coordinates and parameters.

KMA 11 14:00:23.9, 3:5, 37:13N: 129:73E, h0km, 3C-1D, Error ellipse: s-maj=41.4km s-min=14.0km az=79.0, South Korea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists astronomical observations with coordinates and parameters.

ISCJB 11 14:01:51.2, 0.4, 24:56N: 0:04:121:87E: 0:03, h7km, 5km, Error ellipse: s-maj=7.4km s-min=3.2km az=145.2

TAP 11 14:01:51.4, 24:57N: 121:81E, h7km, ML2.6, B JMA 11 14:01:52.0, 1.0, 24:55N: 121:76E, h18km, M2.2

ISC 11 14:01:51.0, 0.8, 24:58N: 0:03:121:82E: 0:02, h12km, 6km, n25, e064/36, 2C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists astronomical observations with coordinates and parameters.

Table with columns: YOJ, YOJ, YUCH, YUCH, TWC, TWC, YULI, YULI, YUS, YUS, ALS, ALS, CHNS, CHNS, WHNS, WHNS, IRIF, IRIF, CHN1, CHN1, JKRS, JKRS, JIRJ, JIRJ, JISG, JISG. Includes station names, coordinates, and status.

JMA 11 14:08:35.2,35:42N-136:31E, h16km, M2.8, 1C Broadband fault plane solution: P waves. NP1: ...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Miyama, Tsu 2, Matsushiro.

IDC 11 14:11:18.9,0.2,22.06S:68:22W, h115km, 10km, mb3.1/2, mb1 3.3/5, mb1mx3.2/20, mbtmp3.5/5. Error ellipse: ...

GUC 11 14:11:20.7,0.6,21:06S:68:60W, h116km, 5km, ML3.6 ...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Limon Verde, IPOC Station P, etc.

KRSC 11 14:33:53.6,0.7,53:72N-160:73E, h67km, 13km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Mys Shipunski, Nalytchevo, Sedlovina, etc.

IDC 11 14:36:10.5,2.3,3:83S-99:39E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/30, mbtmp3.7/6, ML4.4/1. Error ellipse: ...

ISCJB 11 14:36:14.5,2.2,3:75S:0:399:7E,0.4, h33km, mb3.5/5, Error ellipse: ...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Lembang, Chiang Mai Arr, Diego Garcia H, etc.

Table with columns: HO1W2, HO1W1, WRA, ASAR, ASAR, MKAR, ZALV, TXAR. Includes station names, coordinates, and status.

DSN 11 14:45:15.0,1.3,27:89N:57:32E, h10km, mb3.3/4, ML3.8/2, Error ellipse: ...

ISCJB 11 14:45:18.6,1.2,27:74N:0:06:57:2E,0.1, h24km, Error ellipse: ...

CSEM 11 14:45:20.0,1.4,27:77N:57:04E, h30km, ML3.2, Error ellipse: ...

ISC 11 14:45:17.7,1.6,27:86N:0:06:57:2E,0.1, h24km, n9, #081/11,2D, Southern Iran

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Bandar-Abbas, Banah, Kerman, etc.

KRNET 11 14:53:31.5,0.1,41:64N:73:14E, h13km, mb3.3, NNC 11 14:53:31.7,0.5,41:66N:73:12E, h0km, mb3.6, mpv3.2, Error ellipse: ...

ISCJB 11 14:53:32.0,0.7,41:64N:0:03:73:13E,0.0, h10km, n36, #099/55,28C-24D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Arslanbob, Almayashu, Arkit, etc.

Table with columns: DZET, PDGK, PDGK, MK31, MK31, KURBE, AB31. Includes station names, coordinates, and status.

MEX 11 14:54:13.3,0.6,15:50N-93:77W, h75km, 9km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Comitan, Huatulco.

IDC 11 14:56:19.0,0.5,11:91N:143:83E, h0km, mb4.7/30, mb1 4.7/30, mb1mx4.6/42, mbtmp4.6/30, MS3.8/20, Ms1 3.8/20, ms1mx3.7/39, Error ellipse: ...

BUI 11 14:56:19.9,1.1,11:60N:144:09E, h35km, mb4.8/47, MB5.0/35, Ms4.8/18, Ms7.4/5/8

MOS 11 14:56:22.3,1.2,11:88N:143:67E, h33km, mb5.1/31, Error ellipse: ...

NEIC 11 14:56:23.6,3.3,11:88N:143:64E, h28km, mb5.1/55, Error ellipse: ...

ISCJB 11 14:56:23.7,0.2,12:02N:0:04:143:63E,0.0, h33km, mb4.9/100, MS3.8/21, Error ellipse: ...

DJA 11 14:56:28.1,1.5,12:29N:5:14E, h73km, 18km, M4.8/19, mb4.8/19, MB5.4/6, Mw(mb)4.8/6

ISC 11 14:56:24.2,0.5,11:93N:105:433:95E,0:07, h35km, 1km, h35km:PP-P, n223, #164/233, mb5.0/10, MS3.8/21, 6C-6D, South of Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Anatan, SARN, GENI, SIJI, JOW, PMG, PMG, PMG, AAI, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, GTOI, JNU, JNU, LRSI, MWSU, LUWI, MJAR, MJAR, MAJO, MAJO, MAJO, MAT, MAT, APSI, COEN, MYLDM, MPSI, TJN, KRSR, KRSR, KRSR, KRSR, KRSR, ASAJ, ASAJ, ASAJ, ASAJ, WRAB, WRAB, WRAB, WRAB, WHN, QIZ, QIZ, USRK, MDJ, MDJ, MDJ, YSS, YSS, CN2, CN2, CN2.

11d 15h

2010 NOV

Table with columns for station code, name, coordinates, and various parameters. Includes stations like CN2, AS01, ASAR, GYA, HBR, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like WMQ, BILL, DANN, KOLN, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like J05D, O03D, B08A, MOD, RES, etc.

CRNET 11 15:01:40.0, 0.1, 41.08N; 75:12E, h11km, mb3.5
KNET 11 15:01:40.7, 0.6, 41.13N; 75:13E, h0km, m2.8, Error
ellipse: s-maj=4.8km s-min=2.9km az=150.0
N11 15:01:42.0, 0.8, 41.11N; 75:05E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=6.1km s-min=4.6km az=142.0
ISC 11 15:01:41.9, 1.5, 41.16N; 05:05:15E; 0.03, h5km; 11km,
n35, c094/55, 37C-19D, Kyrgyzstan

Table with columns for station name, coordinates, and other parameters. Includes stations like LKR Lokris, Desfina, Simia, Palaion Diasel, etc.

Table with columns for station name, coordinates, and other parameters. Includes stations like GRG Griva, PTL Penteli, OUR Ouranopolis, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes detailed station information and technical specifications.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VVDA, WVDA, NVDA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BKZ, URZ, URZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JCT, MIAR, ACCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TURN Turunc, DALY Dalyan, APE Apeiranthos, etc.

DDA 11 19:24:12.8, 37.83N, 27.34E, h4km, Md2.9
ISCJB 11 19:24:13.8, 0.4, 37.83N, 0.02, 27.33E, 0.03, h4km, 4km,
Error ellipse: s-maj=3.8km s-min=3.1km az=143.2

Main table for 11d 19h section, listing station codes, names, coordinates, and observation times. Includes stations like GCAM, DGB, YZE, etc.

DDA 11 19:24:40.5, 1.3, 9.90S, 119.44E, h0km, mb3.7/4,
mb1 3.6/7, mb1mx3.5/39, mbtmp3.5/7, ML3.1/3, Error
ellipse: s-maj=97.9km s-min=20.8km az=55.0

Table for 11d 19h section, listing station codes, names, coordinates, and observation times. Includes stations like WSI, BASI, TWSI, etc.

Table for 2010 NOV section, listing station codes, names, coordinates, and observation times. Includes stations like WRA, ASAR, SONM, etc.

ISCJB 11 19:25:02.0, 0.7, 17.52S, 0.07, 14.17W, 0.07, h14km,
mb4.3/26, MS4.1/10, Error ellipse: s-maj=11.3km
s-min=8.3km az=145.2

DDA 11 19:25:02.2, 0.5, 17.52S, 0.14, 20W, h0km, mb4.3/22,
mb1 4.3/22, mb1mx3.1/4.5, mbtmp4.3/22, MS4.1/10,
Mb1 4.1/10, ms1mx3.8/28, Error ellipse: s-maj=18.6km
s-min=12.6km az=156.0

Main table for 2010 NOV section, listing station codes, names, coordinates, and observation times. Includes stations like H09N1, RCBR, KIC, etc.

DDA 11 19:27:37.3, 0.8, 30.80N, 84.61E, h0km, mb3.7/11,
mb1 4.0/13, mb1mx3.7/49, mbtmp3.8/13, ML3.9/2, Error
ellipse: s-maj=26.3km s-min=17.3km az=55.0

Table for 2010 NOV section, listing station codes, names, coordinates, and observation times. Includes stations like WMIQ, AAK, MKAR, etc.

NNC 11 19:30:15.3, 5.2, 38.59N, 74.89E, h0km, mb3.5, mpv3.1,
3C-2D, Error ellipse: s-maj=39.4km s-min=33.0km
az=169.0, Tajikistan-Xinjiang border region

Table for NNC section, listing station codes, names, coordinates, and observation times. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

DDA 11 19:45:49.7, 37.90N, 27.47E, h16km, 1km, MD3.1/8
DDA 11 19:45:50.7, 37.83N, 27.29E, h29km, MD3.3
CSEM 11 19:45:51.6, 0.1, 37.84N, 27.32E, h5km, MD3.3, Error
ellipse: s-maj=3.0km s-min=2.3km az=82.0

ISCJB 11 19:45:51.4, 0.4, 37.85N, 0.01, 27.32E, 0.02, h6km, 3km,
Error ellipse: s-maj=2.9km s-min=2.2km az=156.4

Table for NNC section, listing station codes, names, coordinates, and observation times. Includes stations like SKR, PAU, JAK, etc.

DDA 11 19:45:51.6, 0.1, 37.84N, 0.01, 27.34E, 0.02, h8km, 7km,
n115, 08/85/61/0, 37.84N, 0.01, 27.34E, 0.02, h8km, 7km,

Table for NNC section, listing station codes, names, coordinates, and observation times. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

DDA 11 19:45:51.6, 0.1, 37.84N, 0.01, 27.34E, 0.02, h8km, 7km,

Main table for NNC section, listing station codes, names, coordinates, and observation times. Includes stations like GCAM, DGB, YZE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Balya, Dursunbey, Ezine, etc.

ISCJB 11 19:53:04.2±0.8, 37.81N±0.04, 27.34E±0.04, h9km, 6km, Error ellipse: s-maj=6.3km s-min=5.2km az=168.3

CSEM 11 19:53:04.5±0.2, 37.83N±0.35E, h5km, MD3.4, Error ellipse: s-maj=5.4km s-min=4.4km az=174.0

ATH 11 19:53:04.8, 37.68N±0.27, 24E, h29km, MD3.4/4

ISC 11 19:53:04.1, 37.85N±0.27, 36E, h5km, ML2.7

ISC 11 19:53:04.3±1.2, 37.80N±0.03, 27.36E±0.02, h3km±14km, n33, r0560/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Samos, Zeytinkoy-Aydi, Izmir, etc.

JMA 11 19:54:16.4±0.1, 23.80N±121.59E, h50km±2km, M2.4

ISCJB 11 19:54:17.9±0.2, 23.80N±0.02, 121.69E±0.02, h40km, 6km, Error ellipse: s-maj=3.4km s-min=2.0km az=135.4

TAP 11 19:54:17.4, 23.80N±121.68E, h39km, 1km, ML2.9, D

ISC 11 19:54:18.4±1.1, 23.81N±0.02, 121.67E±0.02, h34km±2km, n53, r0571/99, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Hwallien, Shilin, Fungliu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nan Shan, Moon Lake, Yu-Shan, etc.

ISC 11 20:07:59.7±0.4, 37.92N±27.35E, h0km, mb4.6/2.8, mb1.4, 7/36, mb1mx4.6/4.1, mbtmp4.6/36, ML3.6/8, MS3.9/22, Ms1.3/9/22, ms1mx3.7/5.1, Error ellipse: s-maj=10.9km s-min=8.9km az=127.0

ATH 11 20:07:59.1, 37.86N±27.48E, h18km, ML4.7

BUI 11 20:07:59.4, 37.80N±27.40E, h9km, mb4.9/37, mb5.1/23, Ms4.9/18, Ms7.4/6/18

DDA 11 20:08:00.3, 37.88N±27.36E, h28km, ML4.7

ISK 11 20:08:00.9±0.4, 37.93N±27.35E, h11km, ML4.7

GCMT 11 20:08:00.9±0.4, 37.93N±27.34E, h17km, 1km, MW5.0/63, Moment Tensor Solution, s19, c20, s63, c94, Duration: 0

Moment tensor: Scale 10^19Nm; Mr-3.28±.24;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Samsos, Zeytinkoy-Aydi, Izmir, etc.

MW2.92±.15; Mw0.35±.14; Mw0.57±.32; Mw-0.33±.09; Mw1.29±.54; Best double couple: M3.37200±1016 NP13±259.00000°, 652.00000°, λ-113.00000°. NP2: φs114.00000°, 844.00000°, λ-63.00000°. Principal axes: T 2.9900, Plg4.0000°, Azm5.0000°, N 0.7560, Plg18.0000°, Azm274.0000°, P -3.7530, Plg71.0000°, Azm107.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. MOS 11 20:08:00.4±1.3, 37.87N±27.45E, h10km, mb5.1/30, MS4.3/9 Error ellipse: s-maj=5.6km s-min=3.5km az=78.8 NEIC 11 20:08:00.9, 37.90N±27.34E, h12km, mb5.0/61, MW4.6, ML4.9(57E), ML4.9(57K) Moment Tensor Solution, s10 Moment tensor: Scale 10^19Nm; Mr-3.02; Mw9.21; Mw-6.19; Mw2.67; Mw-2.67; Mw-1.51; Best double couple: M8.90000°1015 NP13±323.00000°, 885.00000°, λ-19.00000°. NP2: φs55.00000°, 871.00000°, λ-174.00000°. Principal axes: T 10.0000, Plg10.0000°, Azm10.0000°; N -3.0000, Plg70.0000°, Azm128.0000°; P -7.0000, Plg17.0000°, Azm277.0000°. After ISC: ISCJB 11 20:08:01.4±0.2, 37.87N±0.01, 27.37E±0.01, h20km±1km, mb4.8/104, MS3.9/13 Error ellipse: s-maj=1.7km s-min=1.5km az=1.4 THE 11 20:08:01.4, 37.84N±27.35E, h0km, 1km, ML4.5/10, Error ellipse: s-maj=1.6km s-min=0.8km az=78.0 CSEM 11 20:08:02.0±1.1, 37.86N±27.39E, h15km, mb5.0/69, Mw4.6, Error ellipse: s-maj=2.0km s-min=1.6km az=8.0 HLW 11 20:08:03.2, 37.54N±27.54E, h6km, 14km, Md4.3, M4.3 PDG 11 20:08:03.1±0.8, 37.92N±27.50E, h32km, 4km, ML4.5/11, Error ellipse: s-maj=1.0km s-min=1.5km az=0.0 NSSC 11 20:08:06.5±2.0, 36.73N±27.62E, h0km±99km, ML3.8 NIC 11 20:08:07.4, 37.01N±27.29E, h25km, mb4.6, ML4.2 ISC 11 20:08:01.9±0.3, 37.86N±0.01, 27.37E±0.01, h14km±2km, h14km±P, n1041, r1926/1169, mb5.0/103, MS3.9/13, 42C-40D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GCAM, Zeytinkoy-Aydi, Izmir, etc.

11d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONSECA Array, Kongsberg, San Pablo, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KZA Kyzart, TKM2 Tokmak 2, KSH Kashi, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Ulanbaatar, Diego Garcia, Chengdu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Manley, Murphy Dome, MDM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Allard Ranch, Lakeview Retre, H25A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Samos, Zeytinkoy-Aydi, etc.

11d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro Prieto, East Mesa, Westside Schoo, Yuhua Desert, etc.

KRNET 11 20:27:07.0-1.39:38N:73:10E,mb2.8
NINC 11 20:27:07.0-4.0,39:43N:73:46E,h0km,mb3.4,mpv3.0,
Error ellipse: s-maj=42.7km,s-min=18.9km,az=134.0,

ISC 11 20:27:07.0-1.39:40N:07:73.41E,0.05,h2km,1.7km,
n15,c1576/28,24C-8D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arslanbob, Batken, Arkit, Almayashu, etc.

BUI 11 20:29:55.2,6.25Sx155.37E,h57km,mb5.4/78,mb5.4/56,
Ms5.1/63,Ms7.4/8/62

NEIC 11 20:29:57.0,1.6,6.28S:154.74E,h36km,mb5.7/208,
MS5.4/154,MW5.5,Error ellipse: s-maj=4.1km

s-min=3.6km,az=150.0,Moment Tensor Solution. s20
Moment tensor: Scale 10^17Nm; M1:2.63; M2:-2.07;

couple: M1:2.50000x10^17; NP1:1.0400000; 1.9700000;
1.8300000; NP2:2.9300000; 3.4500000; 3.9700000;

Principal axes: T:2.6500; P1g5.0000; Azm295.0000; N
-0.3700; P1g5.0000; Azm109.0000; P: -2.2700,

P1g1.0000; Azm199.0000;
ISCJCB 11 20:29:58.0,7.6,26S:0.02x154.69E,0.02,h49km,5km,
mb5.6/267,MS5.2/191 Error ellipse: s-maj=3.8km

s-min=3.0km,az=0.8
AUST 11 20:30:00.8,0.8,6.28S:154.82E,h66km,7km,Error
ellipse: s-maj=5.8km,s-min=4.8km,az=72.0

MOS 11 20:30:01.8,0.9,6.18S:154.58E,h79km,mb5.8/55,
MS5.0/23,Error ellipse: s-maj=8.1km,s-min=6.2km

az=83.7
IDC 11 20:30:01.7,1.0,6.23S:154.75E,h72km,8km,mb5.2/26,
mb1.5/30,mb1mx3.3/1,mbtmp5.3/30,MS4.8/32,

Ms1.4/8/32,ms1mx4.7/35,Error ellipse: s-maj=9.7km
s-min=7.8km,az=50.0

GMCT 11 20:30:03.0,1.6,44S:154.73E,h48km,MW5.6/105,

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Moment Tensor Solution. s105.c176: s97.c211;
Duration: 155 Moment tensor: Scale 10^17Nm;
Mr:2.61;0.4; M1:1.13;0.0; M2:-1.48;0.0; M3:0.01;0.3;

M3:1.51;0.2; M4:0.10;0.3; Best double couple:
Ms2.7200x10^17 NP1:1.0;140.00000; 8.46.00000;

1.92.00000; NP2:3.17.00000; 8.44.00000; 7.88.00000;

Principal axes: T:2.6130; P1g8.0000; Azm104.0000; N
0.2140; P1g1.0000; Azm318.0000; P: -2.8260; P1g1.0000;

Azm228.0000; ns1a refers to body waves, cutoff=40s.
ns1a2 refers to surface/mantle waves, cutoff=50s.

DJA 11 20:30:04.3,0.6,6.23S:154.75E,h89km,6km,M5.5/43,
Ms5.5/43,mp5.8/26,M1:1.5,Ms5.5/42,MW5.5/32

ISC 11 20:29:59.0,9.3,6.28S:0.03x154.77E,0.03,h57km,1km,
h57km;mp-P,1180.0,1523/1218,mb5.7/258,MS5.4/191,

64C-43D,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rabaul, Honiara, Port Moresby, etc.

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

Table with columns for flight codes (e.g., BKZ, TSM, THZ), destinations (e.g., Tawau, Tophouse), times, and status indicators (e.g., LR, P, eP).

Table with columns for flight codes (e.g., SSE, SSE, DLV), destinations (e.g., T Lat, Taejon), times, and status indicators (e.g., LN, LE, LZ, eP, P).

Table with columns for flight codes (e.g., MDJ, MDJ, MDJ), destinations (e.g., Z, 220nm, 4.1s), times, and status indicators (e.g., PMZ, LN, LE, LZ).

11d 20h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like KHLT, UMPA, LAMP, CM01, CMAR, etc.

2010 NOV

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like LSA, YAK, VANDA, SDPT, ZAK, SBA, etc.

512

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like WMQ, CNPM, SRLM, RPR, BRLL, HYB, etc.

11d 20h

Table with columns for call sign, name, frequency, power, and status. Includes stations like SWMT Swartz Lake, SRIG Santa Rosalia, WALA Waterlon Lakes, etc.

2010 NOV

Table with columns for call sign, name, frequency, power, and status. Includes stations like PV09 Paradox Valley, PV05 Paradox Valley, PV04 Paradox Valley, etc.

514

Table with columns for call sign, name, frequency, power, and status. Includes stations like OGNE Ogallala, ZAIG Zacatecas, 128A Castleberry Fa, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries like GTTG, GEC2, GEC3, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries like MESJ, PCVE, PVAO, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes entries like LTZ, Canterbury, Canterbury Las, etc.

Table with 4 columns: Station Name, Frequency, Band, and other parameters. Includes stations like TVSB Tavsanh, CORM Corum, etc.

NIED 11 23:10:00, 42.90N, 145.40E, h65km, Mw4.1 Best double couple: Mb 1.55000x1019, NP1=99.00000, 849.00000, 1.54.00000, NP2=327.00000, 852.00000, 1.124.00000. ISCJB 11 23:10:43.9.0.4, 42.90N, 0.03, 145.42E, 0.04, h69km, 3km, mb4.1/33, Error ellipse: s-maj=6.9km s-min=3.7km az=140.7

MOS 11 23:10:43.7-1.0, 42.85N, 145.41E, h71km, mb4.4/13, Error ellipse: s-maj=11.1km s-min=7.8km az=87.7

JMA 11 23:10:44.5-0.1, 42.87N, 145.44E, h61km, 1km, M3.8 JMA Fellt J1.

SKHL 11 23:10:44.8-0.8, 42.96N, 145.29E, h68km, 4km, mb4.9/7

NEIC 11 23:10:45.4-1.0, 42.87N, 145.39E, h68km, 9km, mb4.5/2, MW4.1(NIED), Error ellipse: s-maj=10.0km s-min=9.6km az=147.0

IDC 11 23:10:47.7-2.9, 43.03N, 145.36E, h83km, 24km, mb3.9/23, mb1.4/0.24, mb1mx3.9/54, mbtmp4.2/24, MS2.9/1

Ms1 2.9/1, ms1mx2.5/36, Error ellipse: s-maj=20.9km s-min=13.3km az=171.0

ISC 11 23:10:45.0-0.8, 42.93N, 0.005, 145.41E, 0.04, h61km, 7km, n100, s1907/113, mb4.2/33, 5C-12D, Hokkaido region

Main station list table with columns: Code, Station Name, Frequency, Band, and other parameters. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, JNK Nakash, etc.

Main station list table with columns: Code, Station Name, Frequency, Band, and other parameters. Includes stations like EKMR Ekimchan, BMKR Bornak, KROS Kirovskiy, etc.

Main station list table with columns: Code, Station Name, Frequency, Band, and other parameters. Includes stations like Error ellipse: s-maj=15.9km s-min=9.2km az=51.0, PRXIMO, etc.

12d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARMT, ARMU, IZIK, GULT, etc.

ISCJB 12 00:09:04.6:0.5,37.84N:0.03:27.34E:0.04,h10km,6km, Error ellipse: s-maj=6.0km s-min=4.9km az=151.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GCAM, AYBD, AYDN, IZM, etc.

KRNET 12 00:18:10.3:0.1,39.96N:78.14E,mb3.4, NNC 12 00:18:13.9:1.2,40.57N:78.11E,h0km,mb3.6,mpv3.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NRN, PRZ, ULHL, ANVS, KZA, KNDC, etc.

CSEM 12 00:22:15.0:1.6,67.85N:20.34E,h0km,ML1.6,Explosion

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUA, KUK, NIKU, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIF, PAJU, HEF, etc.

CSEM 12 00:22:19.4:67.86N:20.20E,h1km,ML1.3,Mining explosion, After UPP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUA, NIKU, LANU, etc.

ISCJB 12 01:20:04.0:0.5,37.85N:0.02:27.36E:0.03,h8km,4km, Error ellipse: s-maj=4.3km s-min=3.3km az=32.1

ATH 12 01:20:25.5:37.79N:27.28E,h21km,4km,MD3.1/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GCAM, NRN, PRZ, etc.

IDC 12 01:20:56.7:2.1,63.4S:126.81E,h0km,mb3.7/1, mb1.3/6.3,mb1mx3.4/3,mbtm3.4/3,ML3.4/2,MS2.2/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPI, MTN, KDU, etc.

AUST 12 01:28:18.1,3:50S:124:50E,h450km, ISCJB 12 01:28:30.3,4:33S:0:05:125:99E:0:04,h398km

IDC 12 01:28:29.8:1.1,4:30S:125:99E,h406km,12km,mb3.4/6, mb1.3/6.10,mb1mx3.3/39,mbtmp4.3/10,Error ellipse: s-maj=15.2km s-min=9.3km az=59.0

524

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NLAI, MSAI, BNDI, etc.

IDC 12 01:43:07.4:2.4,1:65N:127:42E,h0km,mb3.6/3, mb1.3/6.3,mb1mx3.4/25,mbtm3.6/3,Error ellipse: s-maj=186.8km s-min=27.0km az=67.0,Halmahera

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

WEL 12 01:51:22.5:0.3,38:58S:175:74E,h151km,2km,ML3.6/11, 12C-1D,Error ellipse: s-maj=2.1km s-min=1.8km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWVZ, MRHZ, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NGZ, FWV, TUUV, etc.

MOS 12:02:14:39.3:1.0:6.49S:130.01E,h115km,mb5.7/47, Error ellipse: s-maj=7.8km s-min=4.8km az=111.3

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

Main table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KDU, TINTI, TMTI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KKM, KKM, PKBJ, etc.

WTTA	Wattenberg	113.88	319	i PKIKP	PKIKP	02 33 05.1 +0.2
WATA	Waldersalm	113.90	319	i PKIKP	PKIKP	02 33 04.8 -0.2
BC3	Big Chickawack	114.01	56	P	PKPdf	02 33 06.9 +1.4
IRM	Iron Mountain	114.19	56	P	PKPdf	02 33 07.1 +1.4
MOTA	Moosealm	114.20	319	i PKPdf	PKPdf	02 33 05.3 -0.3
BOZ	Bozeman (W)	114.34	43	e PKIKP	PKIKP	02 33 06.4 +0.5
BOZ	Bozeman (W)	114.34	43	e PKIKP	PKIKP	02 33 07.0 +1.1
BOZ	Bozeman (W)	114.34	43	e PKIKP	PKIKP	02 33 06.4 +0.5
RETA	Reutte	114.38	319	i PKIKP	PKIKP	02 33 05.7 0.0
FETA	Feichten	114.54	319	i PKIKP	PKIKP	02 33 06.4 +0.2
GLA	Glamis	114.62	57	P	PKPdf	02 33 08.2 +1.5
QLMT	Earthquake Lak	114.70	43	e PKP	PKPdf	02 33 07.0 +0.4
QLMT				ePP	PP	02 34 06.6 -0.1
Y12C	Blythe	114.76	56	P	PKPdf	02 33 08.0 +1.1
EGMT	Eagleton	114.85	40	P	PKPdf	02 33 07.0 +0.3
EGMT	Eagleton	114.85	40	e PKP	PKPdf	02 33 07.3 +0.6
DUG	Dugway	114.88	49	e PKIKP	PKIKP	02 33 07.8 +0.7
DUG	Dugway	114.88	49	P	PKPdf	02 33 07.9 +0.8
DUG	Dugway	114.88	49	e PKPdf	PKPdf	02 33 07.8 +0.7
DUG	Dugway	114.88	49	e PKP	PKPdf	02 33 07.7 +0.7
STU	Stuttgart	114.96	321	e PKIKP	PKIKP	02 33 07.4 +0.6
STU	Stuttgart	114.96	321	e PKP	PKIKP	02 33 07.4 +0.6
DAVA	Damules	115.01	319	i PKIKP	PKIKP	02 33 07.3 +0.2
CCUT	Cedar City	115.02	52	e PKP	PKPdf	02 33 08.6 +1.1
CCUT				PP	PP	02 34 07.2 -2.0
IMW	Indian Meadow	115.30	44	e PKPdf	PKPdf	02 33 08.7 +0.7
IMW				ePP	PP	02 34 09.7 -1.2
H17A	Grant Village	115.41	44	P	PKPdf	02 33 10.0 +1.9
H17A	Grant Village	115.41	44	e PKPdf	PKPdf	02 33 09.7 +1.6
H17A	Grant Village	115.41	44	ePP	PP	02 34 12.5 +0.8
HWUT	Hardware Ranch	115.46	47	e PKPdf	PKPdf	02 33 08.6 +0.3
HWUT				ePP	PP	02 34 10.9 -1.2
REDW	Red Top Meadow	115.51	45	e PKPdf	PKPdf	02 33 09.1 +0.8
REDW				ePP	PP	02 34 12.4 +0.1
SNOW	Snow King Moun	115.55	45	e PKP	PKPdf	02 33 09.4 +0.9
LOHW	Long Hollow	115.61	45	e PKPdf	PKPdf	02 33 09.3 +0.8
LOHW				ePP	PP	02 34 11.4 -1.7
TUE	Stuetta	115.62	319	e PKPdf	PKPdf	02 33 08.2 -0.1
RLMT	Red Lodge	116.09	43	P	PKPdf	02 33 10.3 +1.0
MEM	Membach	116.21	324	e PKP	PKPdf	02 33 12.1 +3.0
TMUT	Trail Mountain	116.29	49	e PKPdf	PKPdf	02 33 10.9 +0.8
TMUT				ePP	PP	02 34 17.8 -0.3
214A	Organ Pipe Nat	116.47	58	P	PKPdf	02 33 11.2 +1.0
BW06	Boulder Array	116.59	45	e PKPdf	PKPdf	02 33 10.6 +0.2
BW06				ePP	PP	02 34 18.4 -1.6
PDAR	Pinedale Array	116.59	45	e PKP	PKPdf	02 33 10.4 0.0
PDAR				comp=Z,1.5nm,0.7s,baz=238,slow=0.9,SNR=34	SKKPbc	02 43 38.5 -1.3
PDAR				comp=Z,0.4nm,0.6s,baz=95,slow=3.1,SNR=4.2	SKKPbc	02 47 06.8 -4.4
PDAR				comp=Z,1.5nm,0.8s,baz=102,slow=4.0,SNR=6.9	SKKPbc	02 47 06.8 -4.4
FFC	Flin Flon	116.59	31	e PKIKP	PKIKP	02 33 09.2 -0.5
FFC	Flin Flon	116.59	31	e PKP	PKIKP	02 33 09.2 -0.5
SRU	San Rafael	116.86	49	e PKIKP	PKIKP	02 33 11.5 +0.5
SRU				e	PP	02 34 20.2
SRU	San Rafael	116.86	49	e PKPdf	PKPdf	02 33 11.5 +0.5
SRU				ePP	PP	02 34 20.2 -1.7
WUAZ	Wupatki	117.00	53	P	PKPdf	02 33 12.5 +1.2
WUAZ	Wupatki	117.00	53	e PKPdf	PKPdf	02 33 11.9 +0.6
WUAZ				ePP	PP	02 34 21.1 -1.9
SNF	Seneffe	117.25	324	e PKP	PKPdf	02 33 11.7 +0.6
SNF	LASA Array	117.56	40	P	PKPdf	02 33 13.0 +1.1
LAO	LASA Array	117.56	40	e PKPdf	PKPdf	02 33 12.8 +0.9
BNI	Bardonecchia	117.85	318	e PKIKP	PKIKP	02 33 12.7 +0.1
BNI	Bardonecchia	117.85	318	e PKP	PKIKP	02 33 12.7 +0.1
TUC	Tucson	116.10	57	e PKIKP	PKIKP	02 33 14.4 +1.0
TUC				ePP	PP	02 34 28.4 -2.3
TUC	Tucson	116.10	57	e PKPdf	PKPdf	02 33 14.4 +1.0
TUC				ePP	PP	02 34 28.4 -2.3
DGMT	Dagmar	118.14	38	P	PKPdf	02 33 13.2 +0.3
DGMT	Dagmar	118.14	38	e PKP	PKPdf	02 33 11.7 -1.2
PV04	Paradox Valley	118.26	50	e PKPdf	PKPdf	02 33 14.2 +0.5
PV04				ePP	PP	02 34 28.5 -3.1
Q20A	White River Ci	118.28	48	P	PKPdf	02 33 14.7 +1.0
Q20A	White River Ci	118.28	48	e PKPdf	PKPdf	02 33 14.4 +0.7
Q20A				ePP	PP	02 34 29.4 -2.3
W18A	Petrified Fore	118.39	54	P	PKPdf	02 33 15.2 +1.1
W18A	Petrified Fore	118.39	54	e PKPdf	PKPdf	02 33 15.3 +1.3
KEST	Kesra	118.59	307	e PKP	PKPdf	02 33 14.9 +0.7
KEST				comp=Z,1.3nm,0.9s,baz=330,slow=0.7,SNR=9.6	PP	02 34 30.5 -3.3
PV01	Paradox Valley	116.58	50	e PKP	PKPdf	02 33 14.9 +0.5
PV01				comp=Z,1.1nm,0.8s,baz=68,slow=6.4,SNR=4.1	PP	02 34 31.7 -2.2
A25A	Svangstu Ranch	118.60	37	P	PKPdf	02 33 14.1 +0.3
K22A	Casper	118.75	45	P	PKPdf	02 33 14.4 -0.1
K22A	Casper	118.75	45	e PKP	PKPdf	02 33 14.0 -0.5
B25A	Knox Farm, Ray	118.85	38	P	PKPdf	02 34 35.2 +0.4
MVCO	Mesa Verde	118.87	51	P	PKPdf	02 33 15.3 +1.0
MVCO	Mesa Verde	118.87	51	e PKP	PKPdf	02 33 15.7 +0.7
C25A	Freed Ranch, W	119.03	38	P	PKPdf	02 33 15.9 +0.9
D25A	Fairfield	119.22	39	P	PKPdf	02 33 16.0 +0.9
A26A	Wade Farm, Ken	119.26	37	P	PKPdf	02 33 15.5 +0.4
E25A	Miller Ranch	119.43	40	P	PKPdf	02 33 16.1 +0.5
SMCO	Snowmass	119.50	48	e PKP	PKPdf	02 33 17.3 +1.0
SMCO				ePP	PP	02 34 32.7 -7.1
F25A	Bowman	119.62	40	P	PKPdf	02 33 16.3 +0.4
SFJD	Kangerlussuaq	119.67	0	i PKIKP	PKIKP	02 33 14.5 -0.8
SFJD				comp=Z,1.1nm,0.7s	i P	02 33 14.5 -0.8
SFJD	Kangerlussuaq	119.67	0	i P	PKPdf	02 33 14.5 -0.8
C26A	Wahner Farm, P	119.69	38	P	PKPdf	02 33 16.4 +0.5
A27A	Ledoux Ranch	119.70	36	P	PKPdf	02 33 16.6 +0.7
N23A	Red Feather La	119.73	46	P	PKPdf	02 33 16.8 +0.2
D27A	Manning	119.82	39	P	PKPdf	02 33 16.6 +0.3
B26A	Peters Farms	119.94	37	P	PKPdf	02 33 16.8 +0.4
G25A	Newell	119.94	41	P	PKPdf	02 33 16.7 +0.1
RSSD	Black Hills	119.94	42	e PKIKP	PKIKP	02 33 16.4 -0.4
RSSD	Black Hills	119.94	42	e PKP	PKIKP	02 33 16.4 -0.4
PHWY	Pilot Hill	119.94	46	e PKP	PKIKP	02 33 17.1 +0.1
S22A	4UR Ranch, Cre	120.01	50	P	PKPdf	02 33 18.4 +1.1
E26A	Carlson Angus	120.03	39	P	PKPdf	02 33 17.2 +0.5
H25A	Fruitdale	120.04	42	P	PKPdf	02 33 16.9 +0.1
C27A	Saylor Ranch	120.10	38	P	PKPdf	02 33 17.5 +0.7
F26A	Lodgepole	120.16	40	P	PKPdf	02 33 17.3 +0.4
I25A	Rochford	120.18	42	P	PKPdf	02 33 16.9 -0.3
A28A	Rude Farm, Bot	120.29	36	P	PKPdf	02 33 17.5 +0.4
ISCO	Idaho Springs	120.31	47	e PKIKP	PKIKP	02 33 18.2 +0.4

ISCO	Idaho Springs	120.31	47	P	PKPdf	02 33 18.2 +0.4
ISCO	Idaho Springs	120.31	47	e PKP	PKPdf	02 33 18.2 +0.4
ISCO	Idaho Springs	120.31	47	ePP	PP	02 34 37.7 -8.1
D27A	Center	120.35	38	P	PKPdf	02 33 17.7 +0.5
J25A	Sunshine Ranch	120.37	43	P	PKPdf	02 33 17.4 -0.1
G26A	Maurine	120.43	41	P	PKPdf	02 33 17.4 -0.1
B28A	Dugan Ranch, T	120.45	36	P	PKPdf	02 33 17.8 +0.4
121A	Cookes Peak, D	120.54	56	P	PKPdf	02 33 19.4 +1.1
121A	Cookes Peak, D	120.54	56	e PKP	PKPdf	02 33 19.1 +0.9
F27A	Leomon	120.56	40	P	PKPdf	02 33 17.7 0.0
H26A	Fairpoint	120.58	41	P	PKPdf	02 33 17.7 -0.1
E27A	Carson	120.61	39	P	PKPdf	02 33 18.2 +0.4
I26A	New Underwood	120.76	42	P	PKPdf	02 33 18.2 +0.1
C28A	Hausauer Farms	120.77	37	P	PKPdf	02 33 18.4 +0.4
G27A	Dupree	120.82	40	P	PKPdf	02 33 18.1 -0.1
J26A	Sides Ranch, S	120.89	43	P	PKPdf	02 33 18.5 0.0
A29A	Manning Farm	120.89	36	P	PKPdf	02 33 18.2 0.0
Y22A	IRIS PASCALI	120.89	54	P	PKPdf	02 33 20.2 +1.3
D28A	Regan	120.90	38	P	PKPdf	02 33 18.6 +0.3
Q24A	Divide	120.92	48	P	PKPdf	02 33 19.1 +0.1
SDCO	Great Sand Dun	121.02	50	P	PKPdf	02 33 20.1 +1.0
SDCO	Great Sand Dun	121.02	50	e PKP	PKPdf	02 33 19.9 +0.7
H27A	Hoves	121.03	41	P	PKPdf	02 33 18.6 0.0
B29A	Wagenman Farm	121.04	36	P	PKPdf	02 33 18.6 +0.1
ANMO	Albuquerque	121.05	53	e PKIKP	PKIKP	02 33 20.1 +0.9
ANMO	Albuquerque	121.05	53	ePP	PP	02 34 43.2 -7.6
LPM	Los Pinos Moun	121.07	54	e PKP	PKIKP	02 33 20.2 +1.0
E28A	Huff	121.09	39	P	PKPdf	02 33 18.8 +0.1
MDND	Maddock	121.18	37	P	PKPdf	02 33 18.7 -0.1
MDND	Maddock	121.18	37	e PKP	PKIKP	02 33 18.8 0.0
I27A	Quinn	121.28	42	P	PKPdf	02 33 19.0 -0.2
F28A	McLaughlin	121.34	39	P	PKPdf	02 33 19.1 -0.1
A30A	Hoffart Farm	121.42	35	P	PKPdf	02 33 19.0 -0.2
G29A	Petibone, Tap	121.55	38	P	PKPdf	02 33 19.1 -0.4
D28A	Parade	121.60	40	P	PKPdf	02 33 19.6 -0.1
J27A	Elkhorn Farm	121.63	43	P	PKPdf	02 33 19.9 0.0
B30A	Myrick Farm, E	121.64	36	P	PKPdf	02 33 19.3 -0.4
H28A	Mission Ridge	121.70	41	P	PKPdf	02 33 19.8 -0.1
E29A	Hapston	121.75	38	P	PKPdf	02 33 19.4 -0.6
I28A	Midland	121.89	41	P	PKPdf	02 33 20.3 0.0
C30A	Mose, McKin	121.92	37	P	PKPdf	02 33 20.1 -0.1
F29A	Eureka	121.96	39	P	PKPdf	02 33 20.3 -0.1
T25A	Trinidad	122.03	50	P	PKPdf	02

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like M33A Taylor Creek F, 329A Wagon Wheel Ra, E36A McGrover, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like W33A Caddo, Fort Co, S34A Willow Spring, P35A Dust Minner, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like 335A Moody, JFWS Jewell Farm, P35V Visu, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RITZ, WATZ, VRZ, MOVZ, HIZ, KUTZ, WAZ, MRHZ, ALRZ, BKZ, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CHOS, KULA, DALY, PRK, APE, APE, APE, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LKD2, LKD2, LKD2, etc.

12C 12 03:02:47.9-1.8,25N:125.05E,h0km,mb3.7/4,

mb1 4.0/4,mb1mx3.6/34,mbtmp3.8/7, Error ellipse: s-maj=120.8km,s-min=24.2km,az=67.0,Taloud Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FITZ, WRA, ASAR, MKAR, etc.

TIR 12 03:41:43.8-1.6,40.06N:20.09E,h2km,330km,ML3.1

THE 12 03:41:45.4,40.25N:19.91E,h0km,1km,ML3.0/4, Error ellipse: s-maj=2.9km,s-min=0.9km,az=321.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KEK, SAGI, SAGI, etc.

ATH 12 03:55:11.6,37.84N:27.35E,h10km,2km,MD3.2/8

ISK 12 03:55:11.7,37.84N:27.36E,h5km,ML2.8 DDA 12 03:55:11.7,37.85N:27.36E,h7km,ML3.1

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GCAM, GCAM, GCAM, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h m s
LSD	141nm,0.4s			Sg	04 46 30.2	-0.5
LSD	Lago del Serru	0.84	354	Pg	04 46 19.1	-0.5
LSD	141nm,0.4s			Pg	04 46 30.2	-0.5
QLNO	Quiliano	0.84	111	Pg	04 46 19.5	0.0
QLNO	218nm,0.2s			Sg	04 46 30.1	-0.5
QLNO	Quiliano	0.84	111	Pg	04 46 19.5	0.0
QLNO	218nm,0.2s			Pg	04 46 30.1	-0.5
IMI	Imperia	0.85	147	Pg	04 46 19.1	-0.7
IMI	182nm,0.4s			Sg	04 46 29.8	-1.2
IMI	Imperia	0.85	147	Pg	04 46 19.1	-0.7
IMI	182nm,0.4s			Sg	04 46 29.8	-1.2
FINB	Finale Ligure	0.89	120	Pg	04 46 20.3	+0.3
FINB	363nm,0.7s			Sg	04 46 31.3	-0.9
FINB	Finale Ligure	0.89	120	Pg	04 46 20.3	+0.3
FINB	363nm,0.7s			Sg	04 46 31.3	-0.9
REVV	Revere	0.89	175	Pg	04 46 21.1	+0.6
REVV	363nm,0.7s			Sg	04 46 33.0	+1.3
REVV	Revere	0.89	175	Pg	04 46 21.1	+0.6
REVV	363nm,0.7s			Sg	04 46 33.0	+1.3
CALN	Calern	0.92	197	Pg	04 46 21.1	+0.5
CALN	363nm,0.7s			Sg	04 46 33.4	+0.3
CALN	Calern	0.92	197	Pg	04 46 21.1	+0.5
CALN	363nm,0.7s			Sg	04 46 33.4	+0.3
PCP	Piancastagn	0.92	95	Pg	04 46 21.1	+0.4
PCP	142nm,0.3s			Sg	04 46 34.0	+0.6
PCP	Piancastagn	0.92	95	Pg	04 46 21.1	+0.4
PCP	142nm,0.3s			Sg	04 46 34.0	+0.6
LPG	La Plagne	0.94	338	Pg	04 46 21.8	+0.7
LPG	160nm,0.4s			Sg	04 46 34.3	+0.9
LPG	La Plagne	0.94	338	Pg	04 46 21.8	+0.7
LPG	160nm,0.4s			Sg	04 46 34.3	+0.9
TRAV	Traversella	0.95	21	Pg	04 46 20.7	-0.5
TRAV	60nm,0.2s			Sg	04 46 34.9	+0.9
TRAV	Traversella	0.95	21	Pg	04 46 20.7	-0.5
TRAV	60nm,0.2s			Sg	04 46 34.9	+0.9
LPL	La Plagne	0.96	337	Pg	04 46 22.2	+0.7
LPL	130nm,0.3s			Sg	04 46 34.9	+0.9
LPL	La Plagne	0.96	337	Pg	04 46 22.2	+0.7
LPL	130nm,0.3s			Sg	04 46 34.9	+0.9
CIRO	Champorcher	1.00	13	Pg	04 46 21.3	-0.8
CIRO	65nm,0.3s			Sg	04 46 36.8	+1.2
ORIF	Oris-en-Rattie	1.02	287	Pg	04 46 22.8	+0.4
ORIF	118nm,0.2s			Sg	04 46 36.8	+1.2
MRGE	Morge	1.15	353	Pg	04 46 25.0	+0.4
MRGE	226nm,0.3s			Sg	04 46 39.9	+0.2
FRF	La Foret Royal	1.15	203	Pg	04 46 24.9	+0.3
FRF	167nm,0.5s			Sg	04 46 47.6	0.0
FRF	La Foret Royal	1.15	203	Pg	04 46 24.9	+0.3
FRF	167nm,0.5s			Sg	04 46 47.6	0.0
SMRF	Simiane la Rot	1.37	242	Pg	04 46 29.8	+0.1
SMRF	84nm,0.5s			Sg	04 46 47.6	0.0
SMRF	Simiane la Rot	1.37	242	Pg	04 46 29.8	+0.1
SMRF	84nm,0.5s			Sg	04 46 47.6	0.0
LMR	La Mouri	1.40	203	Pg	04 46 29.1	+0.3
LMR	156nm,0.2s			Sg	04 46 47.8	-0.7
LMR	La Mouri	1.40	203	Pg	04 46 29.1	+0.3
LMR	156nm,0.2s			Sg	04 46 47.8	-0.7
VIVF	Saint-Julien-I	1.86	278	Pg	04 46 35.9	+1.8
VIVF	30nm,0.4s			Sg	04 47 02.8	-0.2
VIVF	Saint-Julien-I	1.86	278	Pg	04 46 35.9	+1.8
VIVF	30nm,0.4s			Sg	04 47 02.8	-0.2
VIVF	Saint-Julien-I	1.86	278	Pg	04 46 39.0	+0.1
VIVF	15nm,0.4s			Sg	04 46 39.0	+0.8
VIVF	Saint-Julien-I	1.86	278	Pg	04 46 39.0	+0.1
VIVF	15nm,0.4s			Sg	04 47 04.7	+0.3
CABF	La Chapelle	2.15	338	Pg	04 46 39.0	+0.8
CABF	35nm,0.6s			Sg	04 47 04.7	+0.3
PGF	Pioggiola	2.43	148	Pg	04 46 42.7	+0.6
PGF	7.4nm,0.2s			Sg	04 47 11.1	-0.4
PGF	Pioggiola	2.43	148	Pg	04 46 42.7	+0.6
PGF	7.4nm,0.2s			Sg	04 47 11.1	-0.4
LASF	Ste Croix	2.50	258	Pg	04 46 43.9	+0.9
LASF	3.7nm,0.2s			Sg	04 47 13.2	+0.2
LASF	Ste Croix	2.50	258	Pg	04 46 43.9	+0.9
LASF	3.7nm,0.2s			Sg	04 47 13.2	+0.2
LASF	Signal de Mont	2.50	258	Pg	04 46 43.9	+0.9
LASF	4.8nm,0.2s			Sg	04 47 13.2	+0.2
SMF	Signal de Mont	3.13	311	Pg	04 46 52.5	+0.9
SMF	16nm,0.3s			Sg	04 47 42.5	-1.3
HINF	Hinterfeld	3.20	355	Pg	04 46 53.1	+0.5
HINF	7.5nm,0.4s			Sg	04 47 56.2	-1.8
HINF	Hinterfeld	3.20	355	Pg	04 46 53.1	+0.5
HINF	7.5nm,0.4s			Sg	04 47 56.2	-1.8
DAVA	Damuels	3.23	341	Pg	04 46 55.4	+2.3
DAVA	24nm,0.4s			Sg	04 47 58.6	-1.7
DAVA	Damuels	3.23	341	Pg	04 46 55.4	+2.3
DAVA	24nm,0.4s			Sg	04 47 58.6	-1.7
HAU	Haudompres	3.44	350	Pg	04 46 55.4	+2.3
HAU	8.2nm,0.2s			Sg	04 47 35.4	-0.7
HAU	Haudompres	3.44	350	Pg	04 46 55.4	+2.3
HAU	8.2nm,0.2s			Sg	04 47 35.4	-0.7
AVF	Avril sur Loir	3.49	310	Pg	04 46 58.7	+2.2
AVF	4.5nm,0.3s			Sg	04 47 53.6	-1.5
AVF	Avril sur Loir	3.49	310	Pg	04 46 58.7	+2.2
AVF	4.5nm,0.3s			Sg	04 47 53.6	-1.5
LOR	Lormes	3.55	319	Pg	04 46 59.3	+1.9
LOR	12nm,0.6s			Sg	04 47 38.2	-0.7
LOR	Lormes	3.55	319	Pg	04 46 59.3	+1.9
LOR	12nm,0.6s			Sg	04 47 38.2	-0.7
SSF	Saint Saugle	3.58	314	Pg	04 46 59.6	+1.9
SSF	7.5nm,0.4s			Sg	04 47 56.2	-1.8
SSF	Saint Saugle	3.58	314	Pg	04 46 59.6	+1.9
SSF	7.5nm,0.4s			Sg	04 47 56.2	-1.8
BGF	Bois d'Angland	3.65	303	Pg	04 46 58.9	+0.7
BGF	24nm,0.4s			Sg	04 47 58.6	-1.7
BGF	Bois d'Angland	3.65	303	Pg	04 46 58.9	+0.7
BGF	24nm,0.4s			Sg	04 47 58.6	-1.7
CAF	Calviac	3.71	276	Pg	04 47 01.1	+1.5
CAF	3.9nm,0.4s			Sg	04 47 42.1	-0.8
CAF	Calviac	3.71	276	Pg	04 47 01.1	+1.5
CAF	3.9nm,0.4s			Sg	04 47 42.1	-0.8
CAF	Champ du Feu	3.79	0	Pg	04 47 01.4	+0.7
CAF	4.5nm,0.3s			Sg	04 47 43.7	-1.1
CAF	Champ du Feu	3.79	0	Pg	04 47 01.4	+0.7
CAF	4.5nm,0.3s			Sg	04 47 43.7	-1.1
MTLF	Montlieu	3.86	252	Pg	04 47 03.4	+1.8
MTLF	2.2nm,0.3s			Sg	04 47 45.6	-0.9
MTLF	Montlieu	3.86	252	Pg	04 47 03.4	+1.8
MTLF	2.2nm,0.3s			Sg	04 47 45.6	-0.9
SFTF	Sextfontaines	3.89	338	Pg	04 47 03.0	+0.9
SFTF	8.4nm,0.2s			Sg	04 47 46.3	-1.0
SFTF	Sextfontaines	3.89	338	Pg	04 47 03.0	+0.9
SFTF	8.4nm,0.2s			Sg	04 47 46.3	-1.0
TCF	Toulx Ste Croix	3.92	297	Pg	04 47 03.9	+1.4
TCF	4.8nm,0.4s			Sg	04 47 47.1	-0.9
TCF	Toulx Ste Croix	3.92	297	Pg	04 47 03.9	+1.4
TCF	4.8nm,0.4s			Sg	04 47 47.1	-0.9
TCF	Fort de Pagny	4.07	345	Pg	04 47 05.1	+0.6
TCF	2.4nm,0.4s			Sg	04 47 50.5	-1.1
TCF	Fort de Pagny	4.07	345	Pg	04 47 05.1	+0.6
TCF	2.4nm,0.4s			Sg	04 47 50.5	-1.1
RJF	Les Rejaudoux	4.13	281	Pg	04 47 06.0	+0.6
RJF	1.0nm,0.3s			Sg	04 47 52.3	-0.9
RJF	Les Rejaudoux	4.13	281	Pg	04 47 06.0	+0.6
RJF	1.0nm,0.3s			Sg	04 47 52.3	-0.9
RJF	Maizieres J'vi	4.16	339	Pg	04 47 06.4	+0.6
RJF	12nm,0.4s			Sg	04 47 52.7	-1.2
RJF	Maizieres J'vi	4.16	339	Pg	04 47 06.4	+0.6
RJF	12nm,0.4s			Sg	04 47 52.7	-1.2
MEZF	La Frestale	4.65	276	Pg	04 47 12.7	+0.2
MEZF	4.9nm,0.3s			Sg	04 48 04.7	-1.3
MEZF	La Frestale	4.65	276	Pg	04 47 12.7	+0.2
MEZF	4.9nm,0.3s			Sg	04 48 04.7	-1.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h m s
LFF	La Frestale	4.65	276	Pg	04 47 12.7	+0.2
LFF	2.5nm,0.3s			Sg	04 48 04.7	-1.3
EPF	Esparrros	5.25	255	Pg	04 47 21.3	+0.5
EPF	2.4nm,0.5s			Sg	04 48 19.1	-1.8
EPF	Esparrros	5.25	255	Pg	04 47 21.3	+0.5
EPF	2.4nm,0.5s			Sg	04 48 19.1	-1.8
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	1.2nm,0.5s			Sg	04 48 26.3	-2.0
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	1.2nm,0.5s			Sg	04 48 26.3	-2.0
MFF	0.7nm,0.3s			Sg	04 47 25.3	+0.4
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	0.7nm,0.3s			Sg	04 48 26.3	-2.0
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	0.7nm,0.3s			Sg	04 48 26.3	-2.0
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	0.7nm,0.3s			Sg	04 48 26.3	-2.0
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	0.7nm,0.3s			Sg	04 48 26.3	-2.0
MFF	Saint Martin d	5.56	293	Pg	04 47 25.3	+0.4
MFF	0.7nm,0.3s			Sg		

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARVC Arvin, D26A Manning, KSH Kashi, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AGMN Agassiz Nation, O20A White River Ci, O20A White River Ci, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K30A Basset, I32A Karley and Nic, I32A Divide, etc.

Table of astronomical observations for 12d 7h, listing stations like HRHS, LANS, MTN, WVT, HYB, IMRD, PSI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2010 NOV, listing stations like SOKA, PERS, WATA, RETA, WTTA, MALATYA, MOTA, CTA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2010 NOV, listing stations like TBI, OUZ, TORB, DBIC, LPAZ, LSZ, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like BC3 Big Chuckwall, PFO Pinyon Flat Ob, PFO PFO, etc.

ISCJB 12 08:51:46.8±0.2, 11.765±0.05:166.24E±0.04, h35km, mb4.7/35, MS3.6/10, Error ellipse: s-maj=7.4km, s-min=5.3km, az=148.0

BUI 12 08:51:48.5, 12.04S:166.60E, h76km, mb4.6/18, mB5.0/11, Ms5.1/2, Ms7.4/6.3

NEIC 12 08:51:49.7±1.2, 11.74S:166.23E, h50km±11km, mb4.8/25, Error ellipse: s-maj=8.1km, s-min=6.6km, az=171.0

IDC 12 08:51:49.4±2.0, 11.34S:169.23E, h43km±18km, mb4.3/17, mb1.4/5/20, m1m1mx3.4/3.9, mbmt4.5/2.0, MS3.0/2, MS3.7/12, Ms1.3/7.12, ms1mx3.5/2.9, Error ellipse: s-maj=17.7km, s-min=14.4km, az=1.0

AUST 12 08:51:53.9, 11.95S:165.96E, h60km

ISC 12 08:51:48.4±0.5, 11.70S:0.07:166.24E±0.07, h35km, n111, c15/101, mb4.7/35, MS3.7/10, Santa Cruz Islands

Main table for 12d 9h section, listing station codes (HNR, HNR, HNR, etc.), station names (Honiara, Mont Dzumac, etc.), and various parameters.

Main table for 2010 NOV section, listing station codes (XMI, KSRS, KSAR, etc.), station names (Christmas Isla, Korea Array, etc.), and various parameters.

Table for 542 section, listing station codes (SMG, SMG, AYDB, etc.), station names (Zeytinkoy-Aydi, etc.), and various parameters.

ISCJB 12 08:57:21.9±0.8, 37.88N:0.03:27.36E±0.04, h10km±6km, Error ellipse: s-maj=5.5km, s-min=4.8km, az=31.8

DDA 12 08:57:21.7, 37.86N:27.31E, h7km, Md2.6

CSEM 12 08:57:21.8±0.4, 37.88N:27.34E, h10km, MD2.8, Error ellipse: s-maj=7.4km, s-min=6.0km, az=69.0

ISK 12 08:57:23.3, 37.97N:27.45E, h19km, MD2.8

ISC 12 08:57:21.8±1.0, 37.88N:0.03:27.35E±0.02, h13km±9km, n18, c064/36, Turkey

Main table for 542 section, listing station codes (AYDB, AYDB, AYDB, etc.), station names (Zeytinkoy-Aydi, etc.), and various parameters.

MOY	Mondy	51.26	307	eP	P	09 55 22.6	+4.3
V32A	Arapahoe	51.27	80	P	P	09 55 18.2	-0.2
128A	Castleberry Fa	51.32	85	P	P	09 55 18.8	-0.2
U33A	Lingo Farm, Me	51.34	78	P	P	09 55 18.2	-0.1
Z29A	Hungry Hill Ra	51.35	84	P	P	09 55 19.2	+0.1
Y30A	Stafford Cattl	51.41	83	P	P	09 55 19.9	+0.3
X31A	McDonald Ranch	51.45	81	P	P	09 55 19.6	-0.2
T34A	McCleary Farm	51.49	77	P	P	09 55 19.6	-0.5
W32A	Sentinel	51.55	80	P	P	09 55 20.9	+0.3
S35A	Otter Creek Ra	51.56	76	P	P	09 55 20.4	-0.2
228A	UT Block 9, Go	51.60	86	P	P	09 55 21.2	+0.1
R36A	Gordon, Harris	51.62	75	P	P	09 55 20.8	-0.2
JFWS	Jewell Farm	51.62	67	eP	P	09 55 22.8	+1.8
JFWS	Jewell Farm	51.62	67	eP	P	09 55 22.8	+1.8
JFWS	Jewell Farm	51.62	67	eP	P	09 55 22.8	+1.8
V33A	Lossen Ranch	51.65	79	P	P	09 55 21.7	+0.4
Z30A	Sanderson Ranc	51.68	84	P	P	09 55 21.4	-0.2
U34A	Anderson Ranch	51.68	78	P	P	09 55 21.1	-0.4
U34A	Anderson Ranch	51.68	78	eP	P	09 55 21.6	+0.1
129A	Stewart Farms,	51.69	85	P	P	09 55 21.4	-0.3
Y31A	Rekieta Farm,	51.73	82	P	P	09 55 21.7	-0.3
Q37A	Longview Farm,	51.86	74	P	P	09 55 22.3	-0.5
S36A	Lake Cedric, C	51.96	75	P	P	09 55 22.9	-0.7
T35A	Sooner Cattle	51.96	77	P	P	09 55 23.7	0.0
W33A	Caddo, Fort Co	52.00	80	P	P	09 55 24.1	+0.2
X32A	Elmer	52.01	81	P	P	09 55 23.7	-0.3
R37A	Teagarden Farm	52.02	74	P	P	09 55 23.3	-0.7
WMOK	Wichita Mounta	52.09	80	eP	P	09 55 24.9	+0.3
WMOK	Wichita Mounta	52.09	80	eP	P	09 55 24.9	+0.3
V34A	Guthrie	52.10	79	P	P	09 55 24.2	-0.4
V34A	Guthrie	52.10	79	eP	P	09 55 24.4	-0.2
229A	Bryant Ranch,	52.18	85	P	P	09 55 25.2	-0.1
Y32A	R-V Farms, Ver	52.20	82	P	P	09 55 25.3	-0.1
U35A	Pawnee	52.20	78	P	P	09 55 25.3	-0.1
T36A	Boggs Farm, Ca	52.24	76	P	P	09 55 25.0	-0.7
Z31A	Sharp Cattle R	52.25	83	P	P	09 55 25.4	-0.4
130A	Snyder	52.26	84	P	P	09 55 26.0	+0.1
W34A	Bridge Creek,	52.35	79	P	P	09 55 26.6	+0.1
W34A	Bridge Creek,	52.35	79	eP	P	09 55 27.4	+0.8
S37A	Fort Scott	52.39	75	P	P	09 55 26.0	-0.7
X33A	Lawton	52.39	80	P	P	09 55 27.1	+0.2
329A	Wagon Wheel Ra	52.42	86	P	P	09 55 27.4	+0.2
131A	Roby	52.55	84	P	P	09 55 28.4	+0.4
V35A	Meyer Ranch, C	52.55	78	P	P	09 55 27.9	-0.1
HHC	Hu-ho-hao-tc	52.60	291	eP	P	09 55 26.3	-2.2
HHC				PP	PP	09 57 31.9	+4.7
HHC				ScS	ScS	10 02 54.0	-1.0
HHC				SS	SS	10 05 15.7	-1.9
HHC				PMZ	PMZ	10 06 30.3	-2.5
HHC	comp=Z,37nm,1.0s						
HHC	comp=Z,140nm,6.9s						
HHC	comp=Z,1.1um,16.5s						
HHC	comp=Z,1.1um,16.0s						
HHC	comp=Z,960nm,16.7s						
Z32A	Haskell	52.66	82	P	P	09 55 29.0	+0.1
230A	Sterling City	52.66	85	P	P	09 55 28.8	-0.1
Y33A	Hilltop Ranch,	52.69	81	P	P	09 55 28.9	-0.1
X34A	Smith Ranch, M	52.75	80	P	P	09 55 29.6	+0.1
T37A	Cheneyville 18	52.77	76	P	P	09 55 29.2	-0.3
U36A	Oologah	52.78	77	P	P	09 55 29.2	-0.4
LTX	Lajitas	52.92	89	eP	P	09 55 31.3	+0.4
LTX	Lajitas	52.92	89	eP	P	09 55 31.3	+0.4
LTX31	Lajitas Ar. Si	52.92	89	eP	ScP	09 55 30.4	-0.5
TXAR	Lajitas Array	52.92	89	eP	ScP	09 55 31.3	+0.4
TXAR	comp=Z,39nm,0.9s,baz=298,slow=5.3,SNR=246			ScP	ScP	10 00 38.8	+2.4
W35A	Tecumseh	52.95	79	P	P	09 55 31.0	+0.1
330A	Mertzom	52.96	85	P	P	09 55 31.1	0.0
ABTX	Abielene, Hawle	53.03	83	P	P	09 55 32.0	+0.4
ABTX	Abielene, Hawle	53.03	83	eP	P	09 55 32.5	+0.8
V36A	Jenks	53.07	78	P	P	09 55 31.4	-0.4
TUL1	Tulsa	53.07	77	P	P	09 55 32.1	+0.3
TUL1	Tulsa	53.07	77	eP	P	09 55 32.0	+0.2
429A	Davenport Ranc	53.08	86	P	P	09 55 32.2	+0.1
Z33A	Whitaker Ranch	53.10	82	P	P	09 55 32.1	0.0
231A	Bronte	53.11	84	P	P	09 55 32.2	0.0
U37A	Salina	53.13	76	P	P	09 55 31.8	-0.5
529A	Stev Forest Ra	53.23	87	P	P	09 55 33.3	+0.2
Y34A	Reagan Ranch,	53.24	80	P	P	09 55 33.0	-0.1
SLBS	Sierra La Lagu	53.27	99	eP	P	09 55 34.2	+0.7
W36A	Wetumka	53.34	78	P	P	09 55 33.9	+0.1
430A	Baggett Ranch,	53.36	86	P	P	09 55 34.0	-0.1
X35A	Drake	53.41	80	P	P	09 55 34.2	-0.2
V37A	Hulbert	53.48	77	P	P	09 55 34.2	-0.6
133A	Hamilton Ranch	53.48	83	P	P	09 55 35.0	+0.1
331A	San Angelo	53.48	85	P	P	09 55 34.7	-0.2
U38A	Gravette	53.54	76	P	P	09 55 34.5	-0.9
232A	Coleman	53.55	84	P	P	09 55 35.4	0.0
Z34A	Collier Ranch,	53.55	81	P	P	09 55 35.3	-0.1

SSE	Sheshan	53.58	275	eP	P	09 55 33.5	-2.1
SSE				pP	pP	10 03 39.8	-0.5
SSE				SS	SS	10 05 04.5	-3.7
SSE				PMZ	PMZ	10 03 15.5	-0.4
SSE	comp=Z,10.0nm,0.8s						
SSE	comp=Z,84nm,3.7s						
SSE	comp=Z,380nm,17.7s						
SSE	comp=Z,570nm,17.8s						
X36A	Cenahoma	53.66	79	P	P	09 55 36.0	-0.2
Y35A	Marietta	53.71	80	P	P	09 55 36.8	+0.2
HDIL	Hopedale	53.71	69	P	P	09 55 36.0	-0.4
HDIL	Hopedale	53.71	69	eP	P	09 55 36.4	0.0
530A	J-C Ranch, Co	53.75	86	P	P	09 55 37.0	0.0
431A	Sonora	53.82	85	P	P	09 55 36.8	-0.6
W37A	Quinton	53.82	78	P	P	09 55 37.1	-0.2
332A	Millersville	53.84	84	P	P	09 55 37.5	-0.1
V38A	Canehill	53.92	76	P	P	09 55 37.5	-0.6
Z35A	Perchaven, San	53.98	81	P	P	09 55 38.1	-0.4
134A	White-Moore Ra	54.01	82	P	P	09 55 38.7	-0.1
Y36A	Duran	54.16	79	P	P	09 55 40.1	+0.2
432A	Menard	54.17	85	P	P	09 55 39.5	-0.5
531A	Rocksprings	54.22	86	P	P	09 55 40.3	-0.1
X37A	Clayton	54.23	78	P	P	09 55 40.3	0.0
CCM	Cathedral Cave	54.28	72	eP	P	09 55 39.4	-1.2
CCM	Cathedral Cave	54.28	72	eP	P	09 55 39.4	-1.2
NJ2	Nanjing	54.31	278	eP	P	09 55 43.0	+2.1
333A	Richland Sprin	54.34	84	P	P	09 55 41.0	-0.2
234A	Clairette	54.38	82	P	P	09 55 41.5	0.0
W38A	Poteau	54.40	77	P	P	09 55 41.7	+0.1
135A	Vickery Place,	54.42	81	P	P	09 55 41.8	0.0
JCT	Junction City	54.45	85	eP	P	09 55 41.5	-0.5
JCT	Junction City	54.45	85	eP	P	09 55 41.5	-0.5
JCT	Junction City	54.45	85	eP	P	09 55 41.5	-0.5
JCT	Junction City	54.45	85	eP	P	09 55 41.5	-0.5
X38A	Whitesboro	54.50	78	P	P	09 55 42.1	-0.2
Y37A	Hugo	54.50	79	P	P	09 55 42.2	-0.1
Z36A	Blue Ridge	54.51	80	P	P	09 55 42.1	-0.2
532A	Rocksprings	54.64	85	P	P	09 55 42.3	-1.1
433A	Art	54.68	84	P	P	09 55 43.3	-0.5
631A	Perdido Creek	54.74	87	P	P	09 55 43.6	-0.5
334A	Lometa	54.79	83	P	P	09 55 44.4	-0.1
WHTX	Lake Whitney	54.80	82	P	P	09 55 44.5	0.0
WHTX	Lake Whitney	54.80	82	eP	P	09 55 45.8	+1.4
VLDO	Val d'Or	54.98	55	eP	P	09 55 44.5	-1.1
136A	Ennis	55.01	81	P	P	09 55 46.0	0.0
Z37A	Pogue Cattle C	55.05	80	P	P	09 55 46.9	+0.6
HVS	Kho-Aksy	55.07	310	iP	P	09 55 49.0	+2.7
SFIN	Scholer Farm	55.07	68	eP	P	09 55 46.2	-0.1
SFIN	Scholer Farm	55.07	68	eP	P	09 55 46.2	-0.1
Y38A	Idabel	55.07	78	P	P	09 55 46.4	0.0
434A	Burnet	55.14	84	P	P	09 55 46.8	-0.2
632A	Uvalde	55.15	86	P	P	09 55 47.2	+0.1
533A	Kerrville	55.20	85	P	P	09 55 47.2	-0.3
SCHO	Schefferville	55.26	43	P	P	09 55 46.6	-0.9
SCHO	comp=Z,9.6nm,0.9s,baz=252,slow=19,SNR=3.4			LR	LR	10 22 08.3	
335A	Moody	55.31	83	P	P	09 55 47.9	-0.3
MIAR	Mound Ida	55.33	77	eP	P	09 55 48.0	-0.3
MIAR	Mound Ida	55.33	77	eP	P	09 55 48.0	-0.3
MIAR	Mound Ida	55.33	77	eP	P	09 55 48.0	-0.3
236A	Katherine and	55.34	81	P	P	09 55 48.6	+0.2
Y39A	Lockesburg	55.44	78	P	P	09 55 49.3	+0.2
633A	Saathoff Ranch	55.56	85	P	P	09 55 49.9	-0.2
435B	Jarvis	55.57	83	P	P	09 55 50.4	+0.3
336A	Riesel	55.59	82	P	P	09 55 50.3	+0.1
732A	Lawn Ranch,	55.60	87	P	P	09 55 50.2	-0.1
OLIL	Olney	55.62	70	eP	P	09 55 49.9	-0.2
PBMO	Poplar Bluff	55.62	73	eP	P	09 55 49.2	-1.2
SIUC	Southern Illin	55.68	71	eP	P	09 55 55.1	+4.4
237A	Washetta, Mont	55.78	81	P	P	09 55 51.6	0.0
Z39A	Irene McRaven,	55.88	79	P	P	09 55 52.3	+0.1
832A	Faith Ranch, C	55.92	87	P	P	09 55 52.6	0.0
733A	Dividing Ran	56.02	86	P	P	09 55 53.2	-0.1
436A	Wall Ranch, Ga	56.06	83	P	P	09 55 54.1	+0.6
PARMO	Perma	56.10	73	eP	P	09 55 53.3	-0.4
535A	Dale	56.12	84	P	P	09 55 54.1	+0.1
139A	Bunkhouse Ranc	56.15	79	P	P	09 55 54.4	+0.3
238A	Jacksonville	56.19	80	P	P	09 55 54.6	+0.2
BLO	Bloomington	56.21	68	eP	P	09 55 53.8	-0.8
BLO	Bloomington	56.21	68	eP	P	09 55 53.8	-0.8
833A	Chaparral WMA,	56.24	87	P	P	09 55 55.3	+0.4
734A	La Parra Cree	56.37	85	P	P	09 55 56.3	+0.5
SADO	Sadowa	56.39	59	eP	P	09 55 56.8	+1.0
536A	Bastrop	56.39	83	P	P	09 55 56.2	+0.2
USIN	University of	56.40	70	eP	P	09 55 55.6	-0.3
437A	Phantom Ranch,	56.41	82	P	P	09 55 56.4	+0.3

635A	Le
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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUR, MAKR, and PDO.

ISK 12 11:29:18.8, 39.62N, 131.64E, h5km, MD2.7
CSEM 12 11:29:20.1, 0.5, 39.64N, 131.62E, h0km, 6km, MD2.7, Error
elliptic: s-maj=9.2km s-min=7.7km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SVRH, AUMIH, and BOLV.

MAN 12 11:29:37, 13.78N, 120.95E, h1km, mb4.0, ML2.8, MS2.5, 1C, Mindoro

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

CSEM 12 11:36:40.9, 0.1, 58.23N, 11.24E, h2km, ML2.5, Error
elliptic: s-maj=3.9km s-min=3.1km az=23.0, Mining
explosion.

ISCJB 12 11:36:40.2, 0.4, 58.27N, 0.03, 11.26E, 0.05, h0km, Error
elliptic: s-maj=5.0km s-min=3.5km az=33.9
UPP 12 11:36:41.3, 0.2, 58.22N, 11.33E, h0km, ML2.5, Explosion
BER 12 11:36:42.6, 0.3, 58.25N, 11.25E, h0km, 17km, MD2.7,

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TJOU, STRU, and HFS.

Table with columns: NB2, baz=181, slow=16, Lg, Lg, 11 38 07.1

Table with columns: NOA, baz=179, slow=37, Lg, Lg, 11 37 26.8 +0.7

Table with columns: GUC 12 11:54:42.0, 0.7, 35.12S, 71.87W, h44km, 2km, ML3.5, Central Chile

Table with columns: TALS, Talca, 0.34 145, eP, Pn, 11 54 50.8 -0.2

ISCJB 12 11:54:43.7, 1.3, 58.25N, 0.05, 11.21E, 0.2, h0km, Error
elliptic: s-maj=15.8km s-min=6.2km az=161.5

CSEM 12 11:54:44.0, 0.6, 58.22N, 11.23E, h2km, ML2.4, Error
elliptic: s-maj=14.2km s-min=5.9km az=71.0, Mining
explosion.

UPP 12 11:54:44.0, 0.4, 58.20N, 11.26E, h0km, ML2.4, Explosion
IDC 12 11:54:47.0, 0.2, 58.27N, 11.37E, h0km, mb1 3.7/3,
mb1mx3.2/4.4, mbtmp3.7/3, ML2.6/4, Error ellipse:
s-maj=15.3km s-min=13.0km az=47.0

NAO 12 11:54:48.1, 2.4, 58.41N, 11.23E, ML1.9
ISC 12 11:54:43.5, 1.4, 58.21N, 0.05, 11.31E, 0.07, h0km, n32,
r124/33, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STRU, HFS, and NOA.

Table with columns: OKTU, Okmok Mt. Tuli, 1.20 61, P, Pg, 12 02 02.2 +0.2

Table with columns: OKER, Okmok East Rim, 1.23 58, P, Pn, 12 02 03.2 +0.4

IDC 12 12:24:27.9, 12.0, 15.40S, 107.98W, h0km, mb3.6/2,
mb1 3.9/2, mb1mx3.5/2.4, mbtmp3.6/2, MS3.1/3, Ms1 3.1/3,
ms1mx2.9/2.7, Error ellipse: s-maj=606.5km
s-min=26.0km az=141.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI, RAF, and PPT.

ISK 12 12:25:18.8, 37.90N, 27.27E, h8km, MD2.7
ISCJB 12 12:25:19.2, 0.5, 37.89N, 0.04, 27.28E, 0.04, h10km, Error
elliptic: s-maj=5.9km s-min=3.9km az=29.6

DDA 12 12:25:19.6, 37.85N, 27.30E, h7km, MD2.3
CSEM 12 12:25:19.5, 0.3, 37.91N, 0.27, 27.28E, h5km, MD2.3, Error
elliptic: s-maj=9.2km s-min=5.5km az=29.0

ISC 12 12:25:47.7, 1.0, 9.37N, 0.03, 27.24E, 0.03, h10km, n18,
r0830/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCAM, IZM, and AYDB.

ISK 12 12:25:46.4, 40.79N, 34.89E, h18km, MD2.8
CSEM 12 12:25:47.3, 0.2, 40.78N, 34.91E, h15km, MD2.8, Error
elliptic: s-maj=7.5km s-min=3.9km az=100.0

ISCJB 12 12:25:48.5, 0.6, 40.77N, 0.04, 34.86E, 0.08, h19km, 9km,
Error ellipse: s-maj=10.9km s-min=5.7km az=18.1
DDA 12 12:25:48.2, 40.74N, 34.87E, h7km, MD3.1
ISC 12 12:25:47.7, 1.2, 40.80N, 0.03, 34.91E, 0.04, h19km, 3km,
n2, r0689/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOYT, CORM, and ILGA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MTLF, MFF, WET, LDF, GEC2, GRR, EPF.

CSEM 12 13:01:37.8-0.3, 67.62N-21.02E, h2km, ML0.6, Error ellipse: s-maj=6.0km s-min=5.5km az=92.0, Mining explosion.

HEP 12 13:01:38.5-0.1, 67.65N-21.02E, h0km, ML0.8, ML0.6(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA, MASU, LANU, DUNU, NIKU, SALU, ERTU, HEF, KIF.

CSEM 12 13:01:52.9-0.6, 69.58N-29.88E, h1km, ML1.8, Error ellipse: s-maj=14.4km s-min=5.8km az=36.0, Mining explosion.

BER 12 13:01:52.6-3.1, 69.65N-30.11E, h0km, MD2.1, ML1.5, ML1.6(NAO), Suspected explosion

NAO 12 13:01:52.0-1.2, 69.55N-30.21E, ML1.8

HEL 12 13:01:53.2-0.2, 69.58N-29.96E, h0km, ML1.8, Explosion, Norway-Murmansk border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KEV, ARAO, VRF, APAO, HAMF, KTK1, SGF, HEF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HEF, LANU, RNF, KU6, ISJCJB, IPEC, CSEM, PRU.

Code Station Name Az Az' Phase ID Time Res

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHZP, OJC, OKC, LANS, NIE, MORC, KRCL, STHS, VYHS, DPC, VRAC, KSP, UPIC, KRUC, PVCC, PRU, BRG, KEV, ARAO, VRF, APAO, HAMF, KTK1, SGF, HEF.

KRNET 12 13:06:06.2-0.1, 41.65N-75.69E, h14km, mb3.8 NNC 12 13:06:07.9-0.7, 41.71N-75.56E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=4.2km s-min=2.5km az=17.0

ISC 12 13:06:06.4-1.1, 41.65N-75.63E, 0.02, h9km, 10km, n33, 0.78/49, 30C-17D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NARN, KZA, KZA, ULHL, ULHL, BOOM, ARLS, ARLS, UCH, KBK, KBK, TKM2, TKM2, TKM2, AAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK, FRU, CHMS, CHMS, AML, AML, EK2S, EK2S, USP, USP, KNDC, ANVS, ANVS, ARSB, ARSB, MNAS, MNAS, PDGK, PDGK, KK31, KK31, OTUK, OTUK, MK31, MK31, NIED, BJK, JMA, TAP, GCMT, KEV, ARAO, VRF, APAO, HAMF, KTK1, SGF, HEF.

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like TWE Neicheng, ENT NTou dou, TWB1 Santiao Chiao, etc.

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like WTCT Tarama, JTK Taimaili, WSF Sshu, etc.

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like TIA 6um,12.5s, INCN Inchon, KSAF Wonju Array, etc.

12d 15h

2010 NOV

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TWM1 Shoushan, TTN Taitung, TWG Pinlang, etc.

GTOI	Corontalo	21.48 177	P	P	15 43 47.5 +0.6
MRSI	Marisa	21.55 176	P	P	15 43 51.5 +3.8
KMSI	Cibinone	21.65 171	P	P	15 43 50.9 +2.0
MPSI	Mapaga	21.66 182	P	P	15 43 50.5 +1.6
MHMT	Maessari	21.68 264	P	P	15 43 55.2 +6.1
CN2	Changchun	21.99 9	eP	PMZ	15 43 55.9 +3.7
CN2	comp=Z,10.0nm,1.3s				
TNTI	Ternate	22.20 162	P	P	15 43 54.4 -0.4
TNTI	Ternate	22.20 162	eP	P	15 43 51.7 -3.0
KSM	Kuching	22.86 208	↑P	P	15 44 01.7 0.0
KSM	Kuching	22.86 208	P	P	15 44 00.2 -1.5
PCI	Palu	22.90 182	P	P	15 44 03.3 +1.2
APSI	Ampara	22.91 177	P	P	15 44 04.2 +2.0
LUWI	Luwuk	23.11 175	P	P	15 44 03.9 -0.4
LUWI	Luwuk	23.11 175	eP	P	15 44 01.4 -2.9
JMM	Marumori	23.39 43	P	P	15 44 03.8 -3.1
LBMI	Labuha	23.59 163	P	P	15 44 09.4 +0.4
MDJ	Mudanjiang	23.62 16	P	S	15 44 08.6 -0.4
MDJ	comp=Z,12nm,1.1s			PMZ	15 44 20.7 -0.4
MDJ	comp=Z,170nm,4.3s			LN	
MDJ	comp=Z,290nm,25.9s			LE	
MDJ	comp=Z,700nm,26.2s			LZ	
MDJ	comp=Z,250nm,20.5s				
STKI	Sintang	23.67 203	P	P	15 44 09.7 -0.1
USURK	Ussuriysk Ar	23.93 20	P	P	15 44 10.9 -1.1
USRK	comp=Z,9.2nm,0.7s,baz=206,slow=9.8,SNR=19			LR	
ANA2	Anataha	24.34 99	eP	P	15 44 16.8 +0.8
SANI	Sanana	24.58 167	P	P	15 44 16.6 -1.6
JOM	Ohasama	24.68 41	P	P	15 44 16.7 -2.2
GTA	Gaotai	24.75 319	eP	PP	15 44 19.7 -0.1
GTA	comp=Z,1.98nm,1.1s,comp=Z,2.2nm,sP			S	15 44 30.9 +1.1
GTA	comp=Z,300nm,15.7s			LE	15 44 37.2 +3.1
GTA	comp=Z,15nm,1.7s			PMZ	15 48 39.5 -0.3
GTA	comp=Z,150nm,7.8s			LN	
GTA	comp=Z,390nm,19.5s			LE	
GTA	comp=Z,300nm,15.7s			LZ	
TTSI	Tana Toraja	25.02 182	P	P	15 44 23.0 +0.8
SWI	Sorong	25.08 154	P	P	15 44 22.2 -0.5
SBJI	Sorong	25.09 154	P	P	15 44 22.2 -0.5
KBKI	Kotabaru	25.64 190	P	P	15 44 30.2 +2.4
SPSI	Sidrap Palu	25.94 182	P	P	15 44 30.9 +0.5
NLAI	Namlea	25.96 165	P	P	15 44 31.8 +1.0
KDI	Kendari	25.99 176	P	P	15 44 31.2 +0.3
BBKI	Banjar Baru	26.05 193	P	P	15 44 32.3 +0.8
MSAI	Masohi	26.57 161	P	P	15 44 37.1 +0.9
KAPI	Kappang	26.98 182	P	P	15 44 43.7 +3.8
KAPI	Kappang	26.98 182	P	P	15 44 37.2 -2.7
HIAI	Hailar	27.10 359	eP	P	15 44 38.5 -2.2
BKSI	Butukumba	27.28 181	P	P	15 44 41.3 -1.2
LSA	Lhasa	27.53 292	eP	P	15 44 44.2 -1.1
ULN	Ulaanbaatar	27.91 340	dP	P	15 44 47.9 -0.3
ULN	Ulaanbaatar	27.91 340	eP	P	15 44 45.8 -2.4
BNDI	Bandanaira	27.98 160	P	P	15 44 47.9 -1.0
BSSI	Bau Bau, Buton	28.09 180	P	P	15 44 58.4 +8.6
SOMI	Songino Array	28.10 339	P	P	15 44 49.5 -0.3
SONM	comp=Z,0.5nm,0.6s,baz=198,slow=2.3,SNR=9.9			PcP	15 48 03.9 +0.4
SONM	comp=Z,444nm,19.0s,baz=157,slow=39			LR	15 57 22.2
SONM	Songino Array	28.10 339	P	P	15 44 49.5 -0.3
SONM	comp=Z,6.0nm,0.8s			MLR	15 48 03.9
SONM	comp=Z,444nm,19.0s			MLR	
SONA1	Songino Array	28.10 339	eP	P	15 44 49.0 -0.9
KLR	Kul'dur	28.45 15	P	P	15 44 52.8 0.0
ASAJ	Asahikawa	28.46 34	P	P	15 44 51.0 -1.9
ASAJ	Asahikawa	28.46 34	P	P	15 44 51.0 -1.9
PSI	Prapat	28.53 231	LR	LR	15 56 09.2
KMPI	Kaimana, Papua	28.63 152	P	P	15 45 05.8 +1.1
TAPN	Taplejung	30.31 287	eP	P	15 45 09.1 -0.8
ODAN	Odare	30.58 286	eP	P	15 45 10.4 -1.8
MMRI	Maumere	30.60 177	P	P	15 45 13.6 +1.5
NGJI	Ngawi	30.66 198	P	P	15 45 15.5 +2.9
EDFI	Ende, Flores	30.69 178	P	P	15 45 12.9 -0.1
TWSI	Taliwang, Sumb	30.89 187	P	P	15 45 15.6 +1.0
MDSI	Maura Dua	30.97 213	P	P	15 45 18.7 +3.4
WOJI	Wonogiri, Jawa	31.26 199	P	P	15 45 19.4 +1.5
RAMN	Ramite	31.29 286	eP	P	15 45 17.8 -0.6
LEM	Lembang	31.47 205	P	P	15 45 22.1 +2.2
LEM	comp=Z,33nm,0.8s,baz=353,slow=15,SNR=8.3			LR	15 57 58.3
LEM	comp=Z,78nm,20.4s,baz=42,slow=36			P	15 45 22.2 +2.2
LEM	comp=Z,33nm,0.8s			MLR	
LEM	comp=Z,78nm,20.4s			MLR	
LEM	Lembang	31.47 205	P	P	15 45 23.2 +3.2
GUN	Gumba	31.96 288	eP	P	15 45 25.8 +1.3
TLY	Talaya	32.32 340	P	P	15 45 27.1 +0.1
TLY	Talaya	32.32 340	P	P	15 45 26.9 -0.1
TLY	comp=Z,4.1nm,0.7s,baz=192,slow=9.3,SNR=5.4			eP	15 46 43.4
TLY	comp=Z,6.0nm,0.7s			MLR	
PKI	Pulchoki	32.36 287	eP	P	15 45 29.4 +1.4
PKIN	Pulchoki	32.38 287	eP	P	15 45 27.9 -0.1
DMN	Daman	32.63 287	eP	P	15 45 31.2 +0.9
DMN	comp=Z,29nm,1.1s				

GKN	Gorkha	33.06 288	eP	P	15 45 34.5 +0.6
TYV	Tymovskoe	33.45 26	eP	P	15 45 38.5 +1.8
TYV	comp=Z,8.0nm,0.6s			P	
TYV	comp=E,22nm,1.0s			P	
KOLN	Koldanda	33.97 287	eP	P	15 45 42.8 +0.9
MK01	Makanchi Array	39.49 318	eP	P	15 46 28.4 0.0
MK31	Makanchi Array	39.50 318	eP	P	15 46 28.2 -0.3
MK31	comp=Z,7.0nm,0.5s			P	
MKAR	Makanchi Array	39.50 318	P	P	15 46 28.7 +0.2
MKAR	comp=Z,7.0nm,0.6s,baz=112,slow=9.9,SNR=5.7			P	
MKAR	comp=Z,1.2nm,0.7s,baz=93,slow=5.8,SNR=3.0			P	
MKAR	Makanchi Array	39.50 318	P	P	15 46 37.1 +1.4
MKAR	comp=Z,198nm,19.0s,baz=112,slow=38			LR	16 04 18.6
MKAR	Makanchi Array	39.50 318	P	P	15 46 28.7 +0.2
MKAR	comp=Z,7.0nm,0.6s			P	
MKAR	comp=Z,1.0nm,0.7s			MLR	
MKAR	comp=Z,198nm,19.0s			MLR	
MAKZ	Makanchi	39.70 318	eP	P	15 46 30.5 +0.3
PDGK	Rodgorovye	40.06 312	iP	P	15 46 33.0 -0.1
PDGK	comp=Z,14nm,1.0s			P	
YAK	Yakutsk	40.37 7	P	P	15 46 33.7 -1.7
YAK	comp=Z,3.0nm,0.5s,baz=175,slow=1.8,SNR=6.4			P	
YAK	Yakutsk	40.37 7	eP	P	15 46 34.1 -1.3
YAK	comp=Z,22nm,0.9s			eS	15 48 36.8
YAK	comp=Z,22nm,0.9s			eSS	15 52 44.6 +3.8
YAK	comp=N,6.0nm,1.1s			SS	15 55 34.5 -5.9
YAK	comp=E,2.0nm,1.0s			P	
YAK	comp=Z,45nm,8.8s			P	
YAK	comp=N,16nm,5.8s			P	
YAK	comp=E,4.0nm,3.5s			P	
YAK	comp=E,177nm,4.2s			P	
YAK	comp=N,225nm,4.7s			P	
YAK	comp=Z,330nm,19.0s			P	
YAK	comp=N,221nm,18.0s			P	
YAK	comp=E,113nm,16.0s			P	
KSH	Kashi	41.64 305	eP	P	15 46 49.7 +3.3
KSH	comp=E,68nm,6.3s			sP	15 47 07.1 +6.1
KSH	comp=E,110nm,5.2s			eP	15 48 29.6 +1.6
KSH	comp=E,130nm,5.4s			ePcP	15 48 45.6 +2.7
KSH	comp=E,220nm,5.7s			P	15 53 03.7 +3.0
ZAAO	Zalesovo Beam	41.73 329	eP	P	15 46 46.1 -0.6
ZALV	Zalesovo Beam	41.73 329	eP	P	15 46 46.0 -0.7
ZALV	comp=E,12nm,0.8s,baz=118,slow=7.4,SNR=40			LR	16 05 27.1
ZALV	comp=E,160nm,20.1s,baz=72,slow=38			LR	
ZALV	Zalesovo Beam	41.73 329	eP	P	15 46 46.0 -0.7
ZALV	comp=Z,12nm,0.8s			MLR	
ZALV	comp=Z,160nm,20.1s			MLR	
PETK	Petrovavlesk	41.85 33	P	P	15 46 45.8 -2.0
PETK	comp=Z,4.9nm,0.8s,baz=186,slow=5.7,SNR=6.3			LR	16 06 05.3
PETK	Petrovavlesk	41.85 33	P	P	15 46 45.8 -2.0
PETK	comp=Z,5.0nm,0.8s			P	
PETK	comp=Z,139nm,18.6s			MLR	
COEN	Coen	42.11 146	eP	P	15 46 48.6 -1.6
TKM2	Tokmak 2	42.67 310	eP	P	15 46 56.1 +1.2
NVS	Novosibirsk	43.00 329	eP	P	15 46 55.7 -1.3
NVS	comp=N,6.0nm,1.2s			P	15 47 07.6
NVS	comp=E,9.0nm,1.2s			P	
NVS	comp=Z,1.1nm,1.2s			P	
MA2	Magadan	43.08 22	P	P	15 46 56.0 -1.6
MA2	Magadan	43.08 22	P	P	15 46 56.0 -1.6
H1N1	WAKE ISLAND Hy 43.14	84	T	T	16 32 52.3
H1N2	WAKE ISLAND Hy 43.14	84	T	T	16 32 52.4
H1N3	WAKE ISLAND Hy 43.15	84	T	T	16 32 52.6
H1S3	WAKE ISLAND Hy 43.20	86	T	T	16 32 55.4
H1S1	WAKE ISLAND Hy 43.21	86	T	T	16 32 56.1
H1S2	WAKE ISLAND Hy 43.22	86	T	T	16 32 56.8
KURK	Kurchatov	43.38 322	P	P	15 47 00.4 +0.2
KURK	Kurchatov	43.38 322	P	P	15 47 00.4 +0.2
KURB	Kurchatov Arra	43.39 322	P	P	15 47 00.4 +0.1
AAK	Ala-Archa	43.39 309	P	P	15 47 01.5 +0.9
AAK	Ala-Archa	43.39 309	P	P	15 47 01.3 +0.6
WRAB	Tennant Creek	43.89 161	iP	P	15 47 04.2 -0.4
WRAB	comp=Z,22nm,0.8s			P	
WRAB	Tennant Creek	43.89 161	eP	P	15 47 02.4 -2.2
WRA	Warramunga Arr	43.89 161	P	P	15 47 03.6 -1.1
WRA	comp=Z,9.1nm,0.9s,baz=344,slow=6.6,SNR=3.4			ScP	15 52 38.8 -0.7
WRA	comp=Z,0.6nm,0.8s,baz=348,slow=4.4,SNR=3.4			S	15 53 26.8 -6.9
WRA	comp=Z,4.5nm,1.1s,baz=347,slow=16,SNR=7.8			S	15 47 03.5 -1.1
MNAS	Manas	44.80 309	iP	P	15 47 12.8 +0.9
MNAS	comp=Z,7.0nm,1.1s			P	
KK31	Karatay Array	46.35 309	eP	P	15 47 24.6 +0.5
ASAR	Alice Springs	47.30 163	P	P	15 47 31.0 -0.6
ASAR	comp=Z,1.5nm,0.5s,baz=345,slow=7.3,SNR=5.6			P	
ASAR	comp=Z,3.5nm,0.6s,baz=345,slow=6.4,SNR=5.9			P	
ASAR	comp=Z,1.0nm,0.6s,baz=346,slow=2.9,SNR=5.4			P	
ASAR	comp=Z,1.2nm,0.9s,baz=343,slow=2.9,SNR=5.7			P	
ASAR	comp=Z,0.9nm,1.0s,baz=359,slow=2.2,SNR=5.9			P	
ASAR	Alice Springs	47.30 163	P	P	15 47 31.0 -0.6
ASAR	comp=Z,1.1nm,0.7s,baz=352,slow=4.6,SNR=6.9			PP	15 47 43.1 +1.0
ASAR	comp=Z,1.0nm,0.9s			S	15 54 20.6 -2.2

ASAR	comp=Z,2.0nm,0.5s			P	
ASAR	comp=Z,4.0nm,0.6s			P	
ASAR	comp=N,1.0nm,1.0s			smax	smax
AS01	Alice Springs	47.31 163	eP	P	15 47 30.5 -1.2
BRVK	Borovyoe	49.04 322	iP	P	15 47 45.1 +0.4
BRVK	comp=Z,1.1nm,1.2s			P	
BRVK	Borovyoe	49.04 322	eP	P	15 47 42.4 -2.3
CHKZ	Chkalovo	49.06 323	iP	P	15 47 44.3 -0.5
CHKZ	comp=Z,1.3nm,0.8s			P	
AB31	Akbulak array	54.54 315	eP	P	15 48 26.0 +0.2
AB31	comp=Z,1.0nm,0.4s			P	
ABKAR	Akbulak array	54.54 315	eP	P	15 48 24.9 -0.9
SVE	Sverdlvok	55.42 325	iP	P	15 48 32.8 +0.8
SVE	comp=Z,1.8nm,1.2s			P	
GEYT	Alibek	55.43 302	P	P	15 48 33.4 +0.9
GEYT	comp=Z,1.4nm,0.6s,baz=189,slow=3.9,SNR=4.6			P	
GEYT	comp=Z,6.5nm,0.9s,baz=108,slow=9.3,SNR=7.3			P	
IGLO	Ghaloghah	58.95 300	eP	P	15 49 11.6 +1.4
IPAR	Pars	60.51 293	eP	P	15 49 20.6 +1.2
ISRV	Isfahan	60.53 292	eP	P	15 49 12.8 +4.1
IRAM	Rameshah	60.75 295	eP	P	15 49 21.2 +1.1

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URZ	Urewera	62.32 241	P	P	19 11 51.4	-1.0
URZ	Urewera	62.32 241	eP	P	19 11 52.5	+0.1
URZ	comp-Z, 1.08nm, 1.7s		LR	LR		
BKZ	Black Stump Fm	62.37 240	eP	P	19 11 53.3	+0.5
BKZ	comp-Z, 4.5nm, 1.2s		LR	LR		
RAO	Raoul Island	62.62 252	PFAKE	LR	19 12 10.0	+1.5
RAO	comp-Z, 2.0um, 19.0s		LR	LR		
HPIG	comp-Z, 1.17nm, 2.1s	62.62 357	eP	P	19 11 54.9	+0.3
HPIG	comp-Z, 2.0um, 20.0s		LR	LR		
035A	Encino	62.66 4	P	P	19 11 56.0	+1.4
035A	comp-Z, 1.17nm, 2.1s		LR	LR		
SNZO	South Karori	62.70 237	eP	P	19 11 55.7	+0.8
SNZO	comp-Z, 2.0um, 22.0s		LR	LR		
034A	Hebbronville	62.76 4	P	P	19 11 55.5	+0.3
034A	comp-Z, 2.0um, 22.0s		LR	LR		
KHZ	Kahutara	63.02 236	eP	P	19 11 57.3	+0.2
KHZ	comp-Z, 1.98nm, 1.8s		LR	LR		
CRPR	Cabo Rojo, PR	63.14 38	eP	P	19 11 56.9	-1.1
CRPR	comp-Z, 4.0um, 19.0s		LR	LR		
936A	North Padre Is	63.20 5	P	P	19 11 59.5	+1.4
936A	comp-Z, 3.0um, 22.0s		LR	LR		
933A	Laredo	63.28 3	P	P	19 12 00.0	+1.3
933A	comp-Z, 2.2nm, 0.6s, baz=182, slow=2.4, SNR=8.8		LR	LR		
KVTX	Kingsville	63.28 4	eP	P	19 12 01.3	+2.6
KVTX	comp-Z, 3.29nm, 1.6s		LR	LR		
934X	Benavides	63.30 4	P	P	19 11 58.8	0.0
934X	comp-Z, 2.0um, 18.0s		LR	LR		
BBGH	Gun Hill	63.34 48	PFAKE	LR	19 12 10.0	+1.1
BBGH	comp-Z, 4.0um, 19.0s		LR	LR		
OBIP	Obisipado Ponce	63.43 38	eP	P	19 11 58.5	-1.4
OBIP	comp-Z, 0.8nm, 1.4s		LR	LR		
FD	Fort de France	63.66 45	PFAKE	LR	19 12 10.0	+8.5
FD	comp-Z, 4.0um, 18.0s		LR	LR		
SJG	San Juan	63.72 39	P	P	19 12 00.0	-1.7
SJG	comp-Z, 2.2nm, 0.6s, baz=182, slow=2.4, SNR=8.8		LR	LR		
SJG	San Juan	63.72 39	Pmax	Pmax	19 12 00.0	-1.7
SJG	comp-Z, 2.2nm, 0.6s		LR	LR		
SJG	San Juan	63.72 39	P	P	19 11 59.9	-1.9
SJG	comp-Z, 3.9nm, 1.0s		LR	LR		
THZ	Tophouse	63.73 236	eP	P	19 12 01.2	-0.6
THZ	comp-Z, 2.0um, 21.0s		LR	LR		
XMAS	Kiritimati	63.74 294	PFAKE	LR	19 12 10.0	+7.9
XMAS	comp-Z, 3.0nm, 19.0s		LR	LR		
CPD	Cerro la Pandu	63.77 39	eP	P	19 11 59.5	-2.7
CPD	comp-Z, 4.0um, 20.0s		MLR	MLR		
CPD	Cerro la Pandu	63.77 39	eP	P	19 11 59.5	-2.7
CPD	comp-Z, 4.0um, 20.0s		LR	LR		
NVL	N'Wazarevskaya	63.80 160	eS	S	19 12 06.2	+4.5
NVL	comp-Z, 2.2nm, 0.9s		eS	S	19 20 34.4	-1.5
NVL			e		19 20 54.6	
NVL			e		19 21 49.3	
NVL			eSS	SS	19 24 49.6	+6.5
NVL			Pmax	Pmax		
NVL			MLR	MLR		
HIZ	Haiti	63.80 240	PFAKE	LR	19 12 10.0	+7.7
HIZ	comp-Z, 2.0um, 16.0s		LR	LR		
834A	Tilden	63.82 4	P	P	19 12 03.2	+1.0
834A	comp-Z, 2.0um, 20.0s		P	P		
HUMP	Col San Antoni	63.89 39	eP	P	19 12 03.0	+0.1
HUMP	comp-Z, 4.0nm, 1.3s		P	P		
832A	Faith Ranch, C	63.92 2	P	P	19 12 04.2	+1.3
832A	comp-Z, 4.0nm, 1.3s		P	P		
833A	Chaparral WMA,	63.98 3	P	P	19 12 03.9	+0.6
833A	comp-Z, 4.0nm, 1.3s		P	P		
835A	Beeville	64.02 4	P	P	19 12 00.7	-2.8
835A	comp-Z, 4.0nm, 1.3s		P	P		
RPZ	Rata Peaks	64.11 234	P	P	19 12 04.1	-0.1
RPZ	comp-Z, 1.6nm, 0.9s, baz=129, slow=6.7, SNR=3.0		P	P		
RPZ	Rata Peaks	64.11 234	eP	P	19 12 04.2	-0.1
RPZ	comp-Z, 7.2nm, 1.3s		P	P		
GRTK	Grand Turk	64.30 32	eP	P	19 12 04.6	-0.9
GRTK	comp-Z, 1.40nm, 1.1s		LR	LR		
GRTK	comp-Z, 1.0um, 22.0s		LR	LR		
732A	Laxson Ranch,	64.36 2	P	P	19 12 04.0	-1.8
732A	comp-Z, 1.0um, 22.0s		P	P		
733A	Divot King Ran	64.38 3	P	P	19 12 05.5	-0.4
733A	comp-Z, 1.0um, 22.0s		P	P		
STVI	Saint Thomas	64.53 40	P	P	19 12 06.2	-0.8
STVI	comp-Z, 2.0um, 18.0s		LR	LR		
736A	Circle Diamond	64.74 5	P	P	19 12 08.6	+0.4
736A	comp-Z, 2.0um, 18.0s		P	P		
738A	Farr-Stevens R	64.74 6	P	P	19 12 07.6	-0.7
738A	comp-Z, 2.0um, 18.0s		P	P		
SABA	Saba	64.83 42	PFAKE	LR	19 12 20.0	+1.1
SABA	comp-Z, 2.0um, 21.0s		LR	LR		
SEUS	St. Eustatius	64.86 42	PFAKE	LR	19 12 20.0	+1.1
SEUS	comp-Z, 2.0um, 21.0s		LR	LR		
WKZ	Wanaka	64.94 232	eP	P	19 12 10.8	+1.1
WKZ	comp-Z, 2.0um, 20.0s		P	P		
TX31	Lajitas Ar. Si	64.94 359	eP	P	19 12 09.8	0.0
TXAR	Lajitas Array	64.94 359	P	P	19 12 08.7	-1.1
TXAR	comp-Z, 2.3nm, 0.9s, baz=178, slow=8.8, SNR=17		P	P		
TXAR	comp-Z, 1.0um, 21.2s, baz=0.0, slow=31		P	P	19 12 10.7	+0.6
631A	Perdido Creek	65.03 2	P	P	19 12 11.3	+0.6
631A	comp-Z, 1.0um, 21.2s, baz=0.0, slow=31		P	P		
633A	Saathoff Ranch	65.12 3	P	P	19 12 11.3	+0.6
633A	comp-Z, 1.0um, 21.2s, baz=0.0, slow=31		P	P		
HSIG	Uvalde	65.13 352	eP	P	19 12 10.7	-0.1
632A	Uvalde	65.14 2	P	P	19 12 10.1	-0.8
632A	comp-Z, 1.0um, 21.2s, baz=0.0, slow=31		P	P		
636A	Smothers Creek	65.26 5	P	P	19 12 12.0	+0.3
636A	comp-Z, 1.0um, 21.2s, baz=0.0, slow=31		P	P		
SMRT	St. Maarten	65.27 41	PFAKE	LR	19 12 20.0	+8.0
SMRT	comp-Z, 2.0um, 18.0s		LR	LR		
ANWB	Willy Bob	65.66 43	eP	P	19 12 11.7	-2.8
ANWB	comp-Z, 3.98nm, 1.9s		LR	LR		
ANWB	comp-Z, 2.0um, 20.0s		LR	LR		
529A	Stev Forest Ra	65.72 0	P	P	19 12 14.4	-0.2
529A	comp-Z, 2.0um, 20.0s		P	P		
534A	Blanco	65.72 4	P	P	19 12 14.9	+0.2
534A	comp-Z, 2.0um, 20.0s		P	P		
533A	Kerrville	65.73 3	P	P	19 12 14.6	-0.1
533A	comp-Z, 2.0um, 20.0s		P	P		
530A	J-C Ranch, Com	65.75 1	P	P	19 12 15.0	+0.2
530A	comp-Z, 2.0um, 20.0s		P	P		
532A	Rocksprings	65.76 2	P	P	19 12 15.4	+0.5
532A	comp-Z, 2.0um, 20.0s		P	P		
535A	Dale	65.77 4	P	P	19 12 15.2	+0.3
535A	comp-Z, 2.0um, 20.0s		P	P		
531A	Rocksprings	65.78 2	P	P	19 12 14.9	-0.1
531A	comp-Z, 2.0um, 20.0s		P	P		
DCZ	Deep Cove	65.82 230	eP	P	19 12 14.9	-0.4
DCZ	comp-Z, 6.34nm, 2.7s		P	P		
HKT	Hockley	65.82 6	eP	Pmax	19 12 15.2	+0.1
HKT	comp-Z, 1.29nm, 2.3s		Pmax	Pmax		
HKT	Hockley	65.82 6	eP	P	19 12 15.2	+0.1
HKT	comp-Z, 1.29nm, 2.3s		P	P		
537A	Green Hill Far	65.91 6	P	P	19 12 16.5	+0.7
537A	comp-Z, 1.29nm, 2.3s		P	P		
JCT	Junction City	66.11 2	eP	P	19 12 16.9	-0.3
JCT	comp-Z, 4.8nm, 1.2s		Pmax	Pmax		

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JCT	Junction City	66.11 2	P	P	19 12 17.4	+0.2
JCT	comp-Z, 6.79nm, 22.0s		MLR	MLR		
JCT	Junction City	66.11 2	eP	P	19 12 16.9	-0.3
JCT	comp-Z, 4.8nm, 1.2s		LR	LR		
OUZ	Omaha	66.20 243	eP	P	19 12 17.1	-0.8
OUZ	comp-Z, 6.79nm, 22.0s		LR	LR		
429A	Davenport Ranc	66.22 0	P	P	19 12 18.3	+0.5
429A	comp-Z, 3.0um, 21.0s		P	P		
431A	Sonora	66.29 2	P	P	19 12 18.8	+0.5
431A	comp-Z, 6.79nm, 22.0s		P	P		
433A	Art	66.41 3	P	P	19 12 18.9	-0.1
433A	comp-Z, 6.79nm, 22.0s		P	P		
432A	Menard	66.50 2	P	P	19 12 19.2	-0.5
432A	comp-Z, 6.79nm, 22.0s		P	P		
434A	Burnet	66.51 4	P	P	19 12 19.4	-0.3
434A	comp-Z, 6.79nm, 22.0s		P	P		
435B	Jarrell	66.52 4	P	P	19 12 20.7	+1.0
435B	comp-Z, 6.79nm, 22.0s		P	P		
436A	Wall Ranch, Ga	66.56 5	P	P	19 12 20.7	+0.7
436A	comp-Z, 6.79nm, 22.0s		P	P		
331A	San Angelo	66.92 2	P	P	19 12 22.8	+0.5
331A	comp-Z, 6.79nm, 22.0s		P	P		
333A	Richland Sprin	66.98 3	P	P	19 12 22.2	-0.5
333A	comp-Z, 6.79nm, 22.0s		P	P		
330A	Mertzton	67.00 1	P	P	19 12 23.0	+0.1
330A	comp-Z, 6.79nm, 22.0s		P	P		
332A	Millersview	67.01 2	P	P	19 12 22.5	-0.4
332A	comp-Z, 6.79nm, 22.0s		P	P		
335A	Moody	67.02 5	P	P	19 12 22.9	-0.1
335A	comp-Z, 6.79nm, 22.0s		P	P		
334A	Lometa	67.03 4	P	P	19 12 23.2	+0.3
334A	comp-Z, 6.79nm, 22.0s		P	P		
329A	Wagon Wheel Ra	67.07 0	P	P	19 12 23.8	+0.5
329A	comp-Z, 6.79nm, 22.0s		P	P		
336A	Riesel	67.17 5	P	P	19 12 22.8	-1.1
336A	comp-Z, 6.79nm, 22.0s		P	P		
338A	Crockett	67.26 6	P	P	19 12 24.8	+0.4
338A	comp-Z, 6.79nm, 22.0s		P	P		
MNTX	Cornudas Mount	67.35 357	P	P	19 12 23.9	-1.1
MNTX	comp-Z, 6.79nm, 22.0s		P	P		
MNTX	Cornudas Mount	67.35 357	eP	P	19 12 24.1	-0.9
MNTX						

12d 19h

HEC	Hector,Ludlow baz=72,SNR=13	71.62 348 P	P	P	19 12 51.2 -0.2
SYO	Syowa Base baz=71.83 166	71.83 166	eP	P	19 12 49.0 -2.1
NHSC	New Hope comp=Z,220nm,1.3s	71.74 19	eP	pP	19 12 50.8 -1.3
NHSC			LR	LR	
TUL1	Tulsa baz=72	71.74 6	P	P	19 12 53.0 +1.0
TUL1	Tulsa comp=Z,40nm,1.3s	71.74 6	eP	P	19 12 51.2 -0.8
V37A	Hulbert baz=72	71.77 6	P	P	19 12 52.5 +0.3
V38A	Canehill baz=72	71.81 7	P	P	19 12 52.8 +0.3
OSI	Osito Adit baz=72	71.85 346	P	P	19 12 53.6 +0.8
OSI	Osito Adit comp=Z,73nm,1.5s	71.85 346	eP	P	19 12 53.0 +0.2
HBAR	Harrisburg	71.95 10	eP	P	19 12 52.5 -0.8
EDW2	Edwards Air Fo baz=72	71.97 346	P	P	19 12 55.0 +1.5
U32A	Winter Ranch, baz=72	72.02 3	P	P	19 12 53.6 -0.2
U30A	WK&E Inc. Balk baz=72	72.12 1	P	P	19 12 55.9 +1.5
U35A	Pawnee baz=72	72.13 5	P	P	19 12 55.0 +0.6
TUQ	Turquoise Moun baz=72,SNR=18	72.14 348	P	P	19 12 53.9 -0.7
U34A	Anderson Ranch comp=Z,43nm,1.4s	72.15 4	eP	P	19 12 54.0 -0.4
GSC	Goldstone	72.16 348	eP	pmax	19 12 55.3 +0.6
GSC	Goldstone comp=Z,28nm,1.1s	72.16 348	P	P	19 12 55.7 +1.0
GSC	Goldstone baz=72	72.16 348	eP	P	19 12 55.3 +0.6
U37A	Salina comp=Z,28nm,1.1s	72.29 6	P	P	19 12 54.9 -0.4
PKM	Peak Mountain baz=73,SNR=11	72.35 345	P	P	19 12 56.3 +0.3
U38A	Gravette baz=73	72.39 7	P	P	19 12 57.3 +1.4
SWET	Sewanee comp=Z,420nm,2.4s	72.42 14	eP	P	19 12 56.2 +0.1
LRMC	Laurel Mountai baz=73,SNR=9.0	72.49 347	P	P	19 12 56.3 -0.4
HALT	Halls baz=73	72.49 11	eP	P	19 12 57.2 +0.7
JSC	Jenkinsville	72.57 18	eP	pmax	19 12 57.8 +0.8
JSC	Jenkinsville comp=Z,29nm,1.0s	72.57 18	eP	MLR	19 12 57.8 +0.8
JSC	Jenkinsville comp=Z,29nm,1.0s	72.57 18	eP	MLR	19 12 57.8 +0.8
JSC	Jenkinsville comp=Z,29nm,1.0s	72.57 18	eP	MLR	19 12 57.8 +0.8
T35A	Sooner Cattle baz=73	72.69 5	P	P	19 12 57.9 +0.3
T31A	Randall Ranch, baz=73	72.71 2	P	P	19 12 58.0 +0.2
T25A	Trinidad baz=73	72.74 358	P	P	19 12 58.8 +0.6
T25A	Trinidad comp=Z,62nm,1.5s	72.74 358	eP	P	19 12 59.8 +1.5
T34A	McClaskey Farm, baz=73	72.75 4	P	P	19 12 55.1 -2.9
T33A	Patterson Ranc baz=73	72.75 3	P	P	19 12 57.9 -0.1
SMMC	Simmler baz=73	72.79 345	P	P	19 12 57.0 -1.3
ISA	Isabella	72.82 346	eP	pmax	19 12 59.7 +1.1
ISA	Isabella comp=Z,63nm,1.5s	72.82 346	P	P	19 12 59.0 +0.4
ISA	Isabella baz=73,SNR=13	72.82 346	P	P	19 12 59.7 +1.1
T36A	Boogs Farm, Ca baz=73	72.88 5	P	P	19 12 59.1 +0.3
CPCT	Cooper Cave Portageville	72.93 15	eP	P	19 12 59.5 +0.4
PVMO	Portageville comp=Z,658nm,0.2s	72.93 11	eP	P	19 12 59.7 +0.6
WVT	Waverly	72.95 12	eP	pmax	19 12 59.0 -0.3
WVT	Waverly comp=Z,29nm,1.2s	72.95 12	eP	MLR	19 12 59.0 -0.3
WVT	Waverly comp=Z,29nm,1.2s	72.95 12	eP	MLR	19 12 59.0 -0.3
WVT	Waverly comp=Z,29nm,1.2s	72.95 12	eP	LR	19 12 59.0 -0.3
UTMT	University of comp=Z,124nm,0.4s	72.99 11	eP	P	19 12 57.8 -1.7
MVCO	Mesa Verde baz=73	73.01 355	P	P	19 13 00.8 +0.9
MVCO	Mesa Verde comp=Z,49nm,1.0s	73.01 355	eP	P	19 13 00.2 +0.3
MVCO	Mesa Verde comp=Z,11m,21.0s	73.02 6	P	P	19 12 59.9 +0.3
T37A	Cheneyville 18 baz=73	73.02 347	P	P	19 12 59.7 -0.2
MPMC	Manual Prospec baz=73,SNR=18	73.02 347	P	P	19 13 00.8 +0.6
SHPR	Sheep Range Vestil, Richgr baz=74	73.07 349	eP	P	19 13 01.4 +1.2
PTRM	Twissleman Ran S28A	73.16 345	eP	P	19 13 01.2 +0.7
PARMO	Parma baz=74,SNR=13	73.17 10	eP	P	19 12 59.9 -0.6
PBMO	Poplar Bluff comp=Z,78nm,1.7s	73.19 10	eP	P	19 13 00.9 +0.3
S29A	Ulysses baz=74	73.20 1	P	P	19 13 01.6 +0.8
S30A	Montezuma baz=74	73.23 2	P	P	19 13 02.5 +1.5
S31A	Mullinville baz=74	73.24 2	P	P	19 13 02.2 +1.2
DAC	Darwin (Calif) comp=Z,22nm,1.3s	73.25 347	eP	pmax	19 13 01.1 -0.2
DAC	Darwin (Calif) comp=Z,22nm,1.3s	73.25 347	eP	pmax	19 13 01.1 -0.2
DAC	Darwin (Calif) comp=Z,22nm,1.3s	73.25 347	eP	LR	19 13 01.1 -0.2
TKL	Tuckaleechee C comp=Z,864nm,21.9s	73.29 16	eP	LR	19 40 04.5
TKL	Tuckaleechee C baz=74	73.29 16	eP	P	19 13 02.1 +0.8
FURK	Furnace Creek, baz=74	73.29 16	eP	P	19 13 02.0 +0.8
KMSC	Kings Mountain baz=74	73.37 18	P	P	19 13 01.8 +0.1
KMSC	Kings Mountain comp=Z,18nm,0.8s	73.37 18	eP	P	19 13 00.6 -1.1
SDCO	Great Sand Dun baz=74,SNR=28	73.38 357	P	P	19 13 02.0 -0.1
SDCO	Great Sand Dun comp=Z,21nm,1.0s	73.38 357	eP	P	19 13 02.3 +0.2
SDCO	Great Sand Dun comp=Z,11m,20.0s	73.43 4	P	LR	19 13 01.3 -0.8
S22A	4UR Ranch, Cre baz=74,SNR=14	73.44 356	P	P	19 13 02.9 +0.4
S22A	4UR Ranch, Cre comp=Z,104nm,1.8s	73.44 356	eP	P	19 13 02.9 +0.4
S22A	4UR Ranch, Cre comp=Z,21m,20.0s	73.46 5	P	LR	19 13 01.8 -0.4
S35A	Otter Creek Ra baz=74	73.46 5	P	P	19 13 01.8 -0.4
CWC	Cottonwood Cre baz=74	73.50 347	P	P	19 13 02.6 -0.1
S36A	Lake Cedric, C baz=74	73.56 6	P	P	19 13 02.4 -0.4
S37A	Fort Scott baz=74	73.66 6	P	P	19 13 03.7 +0.3
CCUT	Cedar City comp=Z,40nm,1.2s	73.84 351	eP	P	19 13 05.6 +0.8
R30A	Dighton baz=74	73.88 2	P	P	19 13 05.2 +0.5
R31A	Burdett baz=74	73.90 2	P	P	19 13 05.7 +0.9
GRAC	Grapevine Rang baz=74	73.91 347	P	P	19 13 05.0 0.0

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R28A	Tribune baz=74,SNR=9.9	73.91 0	P	P	19 13 05.1 +0.1
PV05	Paradox Valley baz=74	73.92 354	eP	P	19 13 05.3 0.0
PV01	Paradox Valley baz=74	73.94 355	eP	P	19 13 05.9 +0.5
R33A	Olander Ranch, baz=74	73.99 4	P	P	19 13 06.2 +0.9
R29A	Marienthal baz=74	74.00 1	P	P	19 13 05.9 +0.4
R34A	Isabella, Hill baz=74	74.02 4	P	P	19 13 07.1 +1.6
LRV	Little Rabbit baz=74	74.08 344	eP	P	19 13 06.7 +0.8
R35A	Emporia Munci baz=74	74.11 5	P	P	19 13 06.6 +0.6
TIN	Tinemaha baz=74	74.12 347	P	P	19 13 06.2 0.0
R36A	Gordon, Harris baz=74	74.16 6	P	P	19 13 06.3 -0.1
TZTN	Tazewell comp=Z,274nm,2.3s	74.19 16	eP	P	19 13 06.4 -0.1
R37A	Teagarden Farm baz=75	74.20 6	P	P	19 13 06.9 +0.3
PV10	Paradox Valley baz=75	74.21 354	eP	P	19 13 06.9 -0.1
PV04	Paradox Valley baz=75	74.22 355	eP	P	19 13 06.7 -0.2
SIUC	Southern Illin comp=Z,22nm,0.9s	74.28 11	eP	P	19 13 07.3 +0.3
CCM	Cathedral Cave CCM	74.33 9	eP	pmax	19 13 07.8 +0.5
CCM	Cathedral Cave comp=Z,33nm,1.0s	74.33 9	eP	pmax	19 13 07.8 +0.5
PV09	Paradox Valley Cliffs of the comp=Z,39nm,1.0s	74.34 354	eP	P	19 13 08.2 +0.4
CNCC	CNCC comp=Z,34nm,0.3s	74.38 21	eP	P	19 13 07.8 +0.2
CNCC	CNCC comp=Z,21m,19.0s	74.42 2	eP	LR	19 13 06.1 -1.8
CBK5	Cedar Bluff comp=Z,39nm,1.1s	74.42 2	eP	pmax	19 13 06.1 -1.8
CBK5	Cedar Bluff comp=Z,579nm,21.0s	74.42 2	P	MLR	19 13 07.0 -0.9
CBK5	Cedar Bluff baz=75	74.42 2	eP	P	19 13 06.0 -1.8
CBK5	Cedar Bluff comp=Z,39nm,1.1s	74.42 2	eP	LR	19 13 06.0 -1.8
Q29A	Oakley baz=75	74.47 1	P	P	19 13 09.4 +1.1
MTUM	Tungsten Hills SAO	74.47 347	eP	P	19 13 09.1 +0.7
SAO	San Andreas Ge comp=Z,35nm,1.3s	74.50 344	eP	pmax	19 13 08.7 +0.4
SAO	San Andreas Ge comp=Z,35nm,1.3s	74.50 344	eP	P	19 13 08.7 +0.4
Q30A	Quinter baz=75	74.57 2	P	P	19 13 09.6 +0.8
Q24A	Divide baz=75	74.58 358	P	P	19 13 09.6 +0.4
Q24A	Divide comp=Z,20nm,1.0s	74.58 358	eP	P	19 13 09.9 +0.7
KSCO	Kaye Shedlock baz=75	74.58 360	P	P	19 13 10.0 +1.0
KSCO	Kaye Shedlock comp=Z,46nm,1.1s	74.58 360	eP	P	19 13 09.3 +0.4
Q31A	Ellis baz=75	74.62 2	P	P	19 13 08.2 -0.9
Q28A	Sharon Springs baz=75	74.63 0	P	P	19 13 09.2 0.0
Q32A	Meitler Ranch, baz=75	74.64 3	P	P	19 13 09.0 -0.2
MSU	Marysvalle baz=75	74.65 352	eP	P	19 13 09.3 -0.1
MSU	Marysvalle comp=Z,35nm,1.3s	74.65 352	eP	P	19 13 09.3 -0.1
Q35A	Mercer Eighty, baz=75	74.65 5	P	P	19 13 09.4 +0.3
Q34A	Chapman baz=75	74.65 4	P	P	19 13 09.4 +0.2
Q33A	Connelly Farm, baz=75	74.68 4	P	P	19 13 09.9 +0.6
USIN	University of comp=Z,57nm,1.2s	74.77 12	eP	P	19 13 07.8 -2.1
Q36A	Arnold C. Orve baz=75	74.80 6	P	P	19 13 11.7 +1.7
Q37A	Longview Farm, baz=75	74.80 6	P	P	19 13 09.6 -0.4
KSU1	Kansas State U comp=Z,24nm,1.1s	74.85 5	eP	P	19 13 10.9 +0.6
KSU1	Kansas State U comp=Z,24nm,1.1s	74.85 5	eP	LR	19 13 10.1 -0.3
SMCO	Snowmass comp=Z,21nm,0.8s	74.87 356	eP	LR	19 13 11.3 +0.3
SMCO	Snowmass comp=Z,21nm,0.8s	74.87 356	eP	LR	19 13 11.3 +0.3
R11A	Troy Canyon, C baz=75,SNR=23	74.94 349	P	P	19 13 10.8 -0.3
R11A	Troy Canyon, C comp=Z,15nm,1.0s	74.94 349	eP	P	19 13 11.2 +0.2
R11A	Troy Canyon, C comp=Z,15nm,1.0s	74.94 349	eP	LR	19 13 11.2 +0.2
CASY	Casey comp=Z,27nm,1.0s	75.02 193	eP	LR	19 13 11.8 +0.7
CASY	Casey comp=Z,27nm,1.0s	75.02 193	eP	LR	19 13 11.8 +0.7
SLM	Saint Louis comp=Z,21m,22.0s	75.04 10	eP	pmax	19 13 11.7 +0.3
SLM	Saint Louis comp=Z,30nm,0.5s	75.04 10	eP	pmax	19 13 11.7 +0.3
SLM	Saint Louis comp=Z,30nm,0.5s	75.04 10	eP	P	19 13 11.7 +0.3
SRU	San Rafael comp=Z,23nm,0.9s	75.07 353	eP	pmax	19 13 11.2 -0.6
SRU	San Rafael comp=Z,23nm,0.9s	75.07 353	eP	P	19 13 11.2 -0.6
P30A	Selden baz=76	75.14 2	P	P	19 13 12.2 +0.1
P31A	Stockton baz=76	75.14 2	P	P	19 13 12.2 +0.2
P28A	Saint Francis baz=76	75.14 0	P	P	19 13 12.9 +0.7
P29A	Atwood baz=76	75.18 1	P	P	19 13 11.7 -0.6
HPAH	Hawaii Prepara comp=Z,992nm,2.4s	75.18 309	eP	P	19 13 12.4 -0.3
P32A	Huting Farm, baz=76	75.27 3	P	P	19 13 11.5 -1.2
WCI	Wyandotte Cave WCI	75.27 13	eP	pmax	19 13 12.6 -0.2
WCI	Wyandotte Cave comp=Z,47nm,1.3s	75.27 13	eP	pmax	19 13 12.6 -0.2
WCI	Wyandotte Cave comp=Z,47nm,1.3s	75.27 13	eP	P	19 13 12.6 -0.2
P34A	Walnut Farm, R baz=76	75.28 4	P	P	19 13 11.7 -1.2
P35A	Duane Minner, baz=76	75.32 5	P	P	19 13 12.6 -0.4
TMUT	Trail Mountain comp=Z,115nm,1.1s				

K32A	Verdigre	78.33	3	P	P	19 13 31.2 +1.2
K29A	Lazy Trails An	78.35	1	P	P	19 13 30.2 +0.1
DZM	Mont Dzumac	78.38	251	eS	S	19 23 25.1 -1.4
DZM	comp=Z,1um,28.7s			eSS	SS	19 28 28.3 -0.6
DZM	comp=Z,3um,29.2s			eLQ	LQ	19 34 28.4
DZM	comp=Z,7um,27.5s			eLR	LR	19 37 44.4
LBCM	Butte Creek RI	78.39	345	P	P	19 13 31.0 +0.5
WDC	Whiskeytown Da	78.39	344	eP	P	19 13 30.1 -0.2
WDC	comp=Z,34nm,1.0s			pmax	pmax	
WDC	Whiskeytown Da	78.39	344	eP	P	19 13 30.1 -0.2
K34A	Le Mars	78.46	5	P	P	19 13 31.9 +1.3
K36A	Gilmore City	78.53	6	P	P	19 13 31.3 +0.3
K35A	Storm Lake	78.55	5	P	P	19 13 32.5 +1.3
SDMD	Soldier's Deli	78.57	20	eP	P	19 13 30.6 -0.7
SDMD	comp=Z,122nm,2.2s			eS	P	
SDMD	comp=Z,1um,20.0s			LR	LR	19 13 37.9 +0.4
BW06	Boulder Array	78.61	355	eP	P	19 13 30.8 -1.0
BW06	comp=Z,953nm,19.0s			LR	LR	
PDAR	Pinedale Array	78.61	355	P	P	19 13 30.4 -1.5
PDAR	comp=Z,30nm,0.9s,baz=164,slow=3.8,SNR=44			LR	LR	19 43 13.6
K37A	Belmond	78.73	6	P	P	19 13 32.8 +0.6
AHID	Auburn Hatcher	78.75	353	eP	P	19 13 32.8 +0.4
AHID	comp=Z,58nm,1.6s			LR	LR	
N02D	Trinity Center	78.81	344	P	P	19 13 32.1 -0.6
J27A	Elkhorn Farm,	78.82	0	P	P	19 13 33.8 +1.1
J26A	Sides Ranch, S	78.88	359	P	P	19 13 32.4 -0.7
J31A	Geddes	78.92	3	P	P	19 13 32.7 -0.5
J30A	Dallas	78.93	2	P	P	19 13 32.7 -0.6
KHMM	Horse Mountain	78.94	344	eP	P	19 13 34.2 +0.7
J25A	Shunshine Ranch	78.97	359	P	P	19 13 35.3 +1.8
J29A	Okreek	78.99	1	P	P	19 13 34.1 +0.5
J28A	Allard Ranch,	79.00	1	P	P	19 13 33.4 -0.3
J33A	Davis	79.03	4	P	P	19 13 32.3 -1.5
TAU	Tasmania Unive	79.13	225	PFAKE	LR	19 13 50.0 +1.5
MOD	Modoc	79.21	346	eP	P	19 13 35.4 +0.4
J36A	Seneca 1, Swea	79.23	6	P	P	19 13 35.8 +1.0
M02C	Callahan	79.24	344	P	P	19 13 35.1 0.0
JFWS	Jewell Farm	79.25	9	eP	P	19 13 36.1 +1.2
JFWS	comp=Z,34nm,1.1s			pmax	pmax	
JFWS	comp=Z,34nm,1.1s			MLR	MLR	
JFWS	comp=Z,698nm,20.0s			eP	P	19 13 36.1 +1.2
JFWS	comp=Z,34nm,1.1s			LR	LR	
J37A	Redenius Farm,	79.28	6	P	P	19 13 35.8 +0.6
R37A	Red Top Meadow	79.31	354	eP	P	19 13 35.5 -0.1
LHEM	Herd Peak	79.33	345	P	P	19 13 36.3 +0.5
J38A	Wedel Dairy, R	79.39	7	P	P	19 13 36.4 +0.7
M04C	Macdoel	79.40	345	P	P	19 13 35.6 -0.4
SNOW	Snow King Moun	79.41	354	eP	P	19 13 36.9 +0.7
WVOR	Wild Horse Val	79.42	348	eP	P	19 13 36.5 +0.4
WVOR	comp=Z,23nm,1.0s			pmax	pmax	
WVOR	comp=Z,744nm,20.0s			MLR	MLR	
WVOR	Wild Horse Val	79.42	348	eP	P	19 13 36.5 +0.4
WVOR	comp=Z,23nm,1.0s			LR	LR	
SSPA	Standley Stone	79.43	19	P	P	19 13 33.0 -3.0
ECSD	EROS Data Cent	79.47	4	eP	P	19 13 36.0 -0.1
ECSD	EROS Data Cent	79.47	4	eP	P	19 13 36.3 +0.1
ECSD	comp=Z,958nm,21.0s			LR	LR	
I30A	Oacoma	79.52	2	P	P	19 13 36.6 +0.2
YBH	Yreka Blue Hor	79.53	345	eP	P	19 13 36.2 -0.5
YBH	comp=Z,15nm,0.8s			pmax	pmax	
YBH	Yreka Blue Hor	79.53	345	eP	P	19 13 36.2 -0.5
LOHW	Long Hollow	79.54	354	eP	P	19 13 36.9 0.0
I28A	Midland	79.57	1	P	P	19 13 37.2 +0.5
I25A	Rochford	79.60	359	P	P	19 13 37.7 +0.6
FXWY	Fox Creek	79.60	354	eP	P	19 13 37.1 -0.1
I29A	Vivian Onida	79.61	1	P	P	19 13 36.7 -0.2
I27A	Quinn	79.64	0	P	P	19 13 37.9 +0.8
MOOW	Moose Ponds	79.69	354	eP	P	19 13 37.5 -0.1
RSSD	Black Hills	79.70	359	eP	P	19 13 38.1 +0.4
RSSD	comp=Z,21nm,0.9s			pmax	pmax	
RSSD	Black Hills	79.70	359	eP	P	19 13 38.1 +0.4
AAM	Ann Arbor	79.71	14	eP	P	19 13 37.8 +0.3
AAM	comp=Z,104nm,1.4s			pmax	pmax	
AAM	comp=Z,2um,22.0s			MLR	MLR	
AAM	Ann Arbor	79.71	14	eP	P	19 13 37.8 +0.3
AAM	comp=Z,104nm,1.4s			LR	LR	
I33A	Coleman	79.77	4	P	P	19 13 38.7 +0.9
I34A	Hadley	79.82	5	P	P	19 13 38.6 +0.6
HLID	Hailey	79.90	351	P	P	19 13 38.9 +0.2
HLID	comp=Z,48nm,0.9s			LR	LR	19 13 39.1 +0.4
MFID	Camas Ranch	79.94	350	eP	P	19 13 38.7 -0.2
I37A	Lemond, Waseca	79.99	6	P	P	19 13 39.2 +0.3
FLWY	Flagg Ranch	80.02	354	eP	P	19 13 39.9 +0.5
K05A	Summer Lake	80.12	346	eP	P	19 13 41.1 +1.2
I38A	Scanlan Farm,	80.12	7	P	P	19 13 40.7 +1.0
L02D	Cave Junction,	80.14	344	P	P	19 13 40.3 +0.4
H32A	Carlson Farm,	80.19	4	P	P	19 13 41.0 +0.9
H25A	Fruitdale	80.20	359	P	P	19 13 39.9 -0.3

H27A	Hoves	80.20	0	P	P	19 13 41.6 +1.5
H29A	Onida	80.21	1	P	P	19 13 41.4 +1.2
H28A	Mission Ridge	80.25	1	P	P	19 13 40.5 +0.1
J08A	Circle Bar Ran	80.29	348	eP	P	19 13 41.5 +0.7
H17A	Grant Village	80.31	354	P	P	19 13 41.9 +0.8
KBO	Bosley Butte	80.33	344	eP	P	19 13 39.9 -1.1
YFT	Old Faithful	80.39	354	eP	P	19 13 43.8 +2.4
H33A	Prehn Over Lor	80.40	4	P	P	19 13 42.1 +0.9
HUMO	Hull Mountain	80.42	345	eP	P	19 13 41.5 +0.1
H34A	Spellman Lake,	80.45	5	P	P	19 13 42.4 +0.9
H36A	Jessenland, He	80.50	6	P	P	19 13 42.7 +1.0
H35A	Sunnyside Ran	80.55	5	P	P	19 13 42.6 +0.6
H37A	Dierke Farm, C	80.59	7	P	P	19 13 44.6 +2.4
YMR	Madison River	80.62	354	eP	P	19 13 44.6 +1.9
YNR	Norris Junctio	80.64	354	eP	P	19 13 44.7 +1.9
J05D	Fort Rock, OR	80.72	346	P	P	19 13 43.0 -0.1
G25A	Newell	80.77	359	P	P	19 13 43.6 +0.4
QLMT	Earthquake Lak	80.82	353	eP	P	19 13 44.6 +0.9
J04D	Umputa Nationa	80.85	345	P	P	19 13 44.4 +0.5
G26A	Maurine	80.86	360	P	P	19 13 45.2 +1.5
G33A	Ortonville	80.93	4	P	P	19 13 45.3 +1.3
RLMT	Red Lodge	80.94	355	P	P	19 13 44.9 +0.6
RLMT	Red Lodge	80.94	355	eP	P	19 13 44.9 +0.6
RLMT	comp=Z,92nm,1.1s			LR	LR	
G27A	Dupree	80.94	0	P	P	19 13 44.9 +0.8
MCMT	McKenzie Canyo	80.96	352	eP	P	19 13 45.0 +0.5
G36A	St. Michael	81.17	6	P	P	19 13 43.8 -0.4
I07A	Izee	81.17	348	eP	P	19 13 46.1 +0.6
SPMN	St. Paul	81.24	7	P	P	19 13 46.6 +1.0
SPMN	St. Paul	81.24	7	eP	P	19 13 45.9 +0.3
F26A	Lodgepole	81.42	360	P	P	19 13 46.7 +0.1
F27A	Lemmon	81.44	0	P	P	19 13 46.8 +0.1
I04A	Tenick Farm,	81.45	345	P	P	19 13 47.6 +0.7
F30A	Leola	81.45	2	P	P	19 13 47.3 +0.5
DLMT	Dillon	81.47	353	eP	P	19 13 47.2 +0.2
F25A	Bowman	81.50	359	P	P	19 13 46.8 -0.3
I03D	Drain, OR	81.55	345	P	P	19 13 46.7 -0.6
BMO	Blue Mountains	81.56	349	eP	P	19 13 48.5 +1.0
F33A	5 Mile Ranch,	81.58	4	P	P	19 13 48.4 +0.9
BOZ	Bozeman (W)	81.65	353	eP	P	19 13 46.2 -1.8
BOZ	comp=Z,22nm,1.1s			pmax	pmax	
BOZ	comp=Z,1um,21.0s			MLR	MLR	
BOZ	Bozeman (W)	81.65	353	P	P	19 13 47.9 -0.1
BOZ	comp=Z,22nm,1.1s			LR	LR	19 13 46.1 -1.8
F35A	Swanville	81.72	5	P	P	19 13 48.1 -0.1
I05D	Tenbonne, OR	81.76	346	P	P	19 13 48.8 +0.3
F36A	Milaca	81.81	6	P	P	19 13 49.3 +0.6
LRLM	Limekiln Ridge	81.91	353	eP	P	19 13 48.5 -1.0
GLMI	Grayling	81.97	13	PFAKE	LR	19 14 00.0 +1.0
E26A	Carlson Angus	82.04	360	P	P	19 13 51.0 +1.1
E25A	Miller Ranch,	82.07	359	P	P	19 13 51.5 +1.4
E30A	Jud	82.12	2	P	P	19 13 51.2 +0.9
E28A	Hut	82.15	1	P	P	19 13 50.6 +0.1
G08A	Pilot Rock	82.25	348	eP	P	19 13 51.8 +0.6
H04A	Detroit Lake	82.25	346	eP	P	19 13 51.7 +0.6
LAO	LASA Array	82.33	357	P	P	19 13 51.5 0.0
LAO	LASA Array	82.33	357	eP	P	19 13 52.3 +0.8
LAO	comp=Z,52nm,1.1s			LR	LR	
E36A	McGregor	82.48	6	P	P	19 13 52.8 +0.6
G06A	Carlson Farm,	82.49	347	eP	P	19 13 53.7 +1.4
COWI	Conover	82.52	9	eP	P	19 13 52.4 0.0
COWI	comp=Z,89nm,1.4s			LR	LR	
D26A	Manning	82.60	360	P	P	19 13 52.5 -0.3
G05D	Wamic, OR	82.62	347	P	P	19 13 52.3 -0.7
D27A	Center	82.68	1	P	P	19 13 54.4 +1.2
D25A	Fairfield	82.72	359	P	P	19 13 54.2 +0.8
HRY	Holter Researc	82.72	353	eP	P	19 13 55.1 +1.5
D30A	Buchanan	82.73	2	P	P	19 13 54.7 +1.2
D34A	Park Rapids	82.89	5	P	P	19 13 54.9 +0.6
D33A	AnnSam, Waubun	82.91	4	P	P	19 13 55.3 +0.9
CAN	Canberra	82.92	231	PFAKE	LR	19 14 10.0 +1.5
D35A	Remer	82.98	6	P	P	19 13 55.7 +0.9
SADO	Sadowa	83.03	16	eP	P	19 13 55.9 +0.9
MSO	Missoula	83.06	352	P	P	19 13 55.9 +0.6
MSO	Missoula	83.06	352	eP	P	19 13 55.6 +0.4
CHMT	Chamberlain Mo	83.07	352	eP	P	19 13 57.0 +1.5
D36A	Goodland	83.15				

Table with columns: Code, Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like TAU Tasmania Unive, EIDS Eidsvold, RAR Rarotonga, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like TOO Toolangi, CMSA Cobar Meteorol, QLP Quije, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like KSRS, KSRS Korea Array, KSRS, etc.

BUI 12 21:16.38.3,29.93S:176.63W,h4km,mb5.4/30,mb5.8/27, Ms5.3/18,Ms7.4/8/19
GCMT 12 21:16.41.5,0.2,29.87S:176.88W,h17km,MW5.3/95, Moment Tensor Solution, s56,c82; s95,c152; Duration: 1s1

PMG Port Moresby 39.24 294 LR comp=Z,1um,20.7s,baz=129,slow=32
BBOO Buckleboo 39.83 254 P baz=40,SNR=21
BBOO Buckleboo 39.83 254 eP baz=47,1m,1.1s

PEAO Petropavlovsk- 85.78 345 eP P 21 29 21.2 0.0
PETK Petropavlovsk- 85.78 345 P P 21 29 20.5 -0.7
PETK Petropavlovsk- 85.78 345 P P 21 29 20.5 -0.7

NEIC 12 21:16.41.5,1.3,30.12S:177.19W,h7km,8km,mb5.2/35
Error ellipse: s-maj=6.6km s-min=4.7km az=120.0
MOS 12 21:16.44.7,1.7,30.11S:177.31W,h33km,mb4.9/15, MS4.6/12, Error ellipse: s-maj=17.3km s-min=10.4km az=124.0

WRA Warramunga Arr 44.91 271 P comp=Z,1.0nm,0.5s,baz=111,slow=7.8,SNR=122
WRA Warramunga Arr 44.91 271 P comp=Z,2um,18.2s,baz=95,slow=35
WRA Warramunga Arr 44.91 271 P comp=Z,11nm,0.5s

PSI Prapat 86.23 275 P comp=Z,9.6nm,1.0s,baz=232,slow=17,SNR=7.2
PSI Prapat 86.23 275 P comp=Z,10.0nm,1.0s
PSI Cottonwood Cre 86.30 44 P

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like WKA Warkarua, WKA Warkarua, WKA Warkarua, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like HEC Hector,Ludlow, GSC Goldstone, GSC Goldstone, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like THZ Tophouse, THZ Tophouse, THZ Tophouse, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like VDA Vanda, VDA Vanda, VDA Vanda, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like MAW Mawson, MAW Mawson, MAW Mawson, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like SKNT Sakolnakov, SKNT Sakolnakov, SKNT Sakolnakov, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like ARMA Armidale, ARMA Armidale, ARMA Armidale, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like MJA MJAR, MJA MJAR, MJA MJAR, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, P, M, L, R, S, E, S, L, Z, and other parameters. Includes entries like TIA Tai'an, TIA Tai'an, TIA Tai'an, etc.

THR3	Thira Island,	1.43	65	P	Pb	21 17 46.5	+0.7
THR3	Thira Island,	1.43	65	P	Pb	21 17 46.5	+0.7
SERI	Serifos	1.45	22	ePB	Pn	21 17 45.9	+0.5
SERI	Serifos	1.45	22	eSB	Sn	21 18 04.8	+0.4
SERI	Serifos	1.45	22	ePB	Pn	21 17 45.9	+0.5
SERI	Serifos	1.45	22	eSB	Sn	21 18 04.8	+0.4
DYR	Agios Nikonas	1.51	309	ePB	Pb	21 17 47.9	+0.5
DYR	Agios Nikonas	1.51	309	eSB	Sb	21 18 08.2	+0.1
DYR	Agios Nikonas	1.51	309	P	Sn	21 17 46.5	+0.2
DYR	Agios Nikonas	1.51	309	S	Sn	21 18 07.5	+1.5
DYR	Agios Nikonas	1.51	309	ePB	Pb	21 17 46.5	+0.2
DYR	Agios Nikonas	1.51	309	eSB	Sb	21 18 07.5	+1.5
DYR	Agios Nikonas	1.51	309	P	Sn	21 17 46.5	+0.2
DYR	Agios Nikonas	1.51	309	S	Sn	21 18 07.5	+1.5
LAST	Lasithi	1.52	115	ePB	Pb	21 17 47.9	+0.4
LAST	Lasithi	1.52	115	eSB	Sb	21 18 07.9	+0.3
LAST	Lasithi	1.52	115	P	Pn	21 17 47.9	+0.4
LAST	Lasithi	1.52	115	S	Pn	21 18 08.4	+0.2
LAST	Lasithi	1.52	115	P	Pn	21 17 47.9	+0.4
LAST	Lasithi	1.52	115	ePB	Pb	21 17 47.9	+0.4
LAST	Lasithi	1.52	115	eSB	Sb	21 18 07.9	+0.3
LAST	Lasithi	1.52	115	P	Pn	21 18 08.4	+0.2
LAST	Lasithi	1.52	115	S	Pn	21 18 07.9	+0.3
NPS	Neapolis	1.58	110	ePB	Pb	21 17 48.2	+1.0
NPS	Neapolis	1.58	110	eSB	Sb	21 18 09.0	+0.6
NPS	Neapolis	1.58	110	P	Pn	21 17 48.2	+1.0
NPS	Neapolis	1.58	110	S	Pn	21 18 09.0	+0.6
KRND	KRANIDI	1.65	342	ePB	Pb	21 17 49.0	+0.9
KRND	KRANIDI	1.65	342	eSB	Sb	21 17 49.0	+0.9
KRND	Didima	1.75	345	P	Sb	21 18 14.0	+0.7
DID	Didima	1.75	345	P	Sb	21 18 14.0	+0.7
DID	Didima	1.75	345	P	Sb	21 17 49.8	+0.3
DID	Didima	1.75	345	P	Sb	21 18 14.0	+0.7
APE	Apeiranthos	1.87	48	ePB	Pb	21 17 53.6	+0.1
APE	Apeiranthos	1.87	48	P	Sb	21 17 53.6	+0.1
APE	Apeiranthos	1.87	48	P	Pn	21 18 17.8	+0.9
APE	Apeiranthos	1.87	48	P	Pn	21 17 52.6	+1.3
APE	Apeiranthos	1.87	48	ePB	Pb	21 17 53.6	+0.1
APE	Apeiranthos	1.87	48	eSB	Sb	21 18 17.8	+0.9
VLX	Vlachokerasia	1.93	324	ePB	Pb	21 17 53.2	+1.1
VLX	Vlachokerasia	1.93	324	P	Sn	21 17 53.2	+1.1
VLX	Vlachokerasia	1.93	324	P	Sn	21 18 18.1	+1.8
VLX	Vlachokerasia	1.93	324	P	Sb	21 17 52.8	+0.7
VLX	Vlachokerasia	1.93	324	ePB	Pb	21 17 53.2	+1.1
VLX	Vlachokerasia	1.93	324	eSB	Sb	21 18 18.1	+1.8
NAIG	Nisos Agina	1.95	353	ePB	Pb	21 17 53.2	+0.9
NAIG	Nisos Agina	1.95	353	P	Pn	21 17 53.2	+0.9
PYL	PYLLOS	1.98	304	ePB	Pb	21 17 54.7	+2.0
PYL	PYLLOS	1.98	304	ePB	Pb	21 17 54.7	+2.0
ITM	Ithomi	2.03	313	ePB	Pb	21 17 56.3	+0.1
ITM	Ithomi	2.03	313	ePB	Pb	21 17 56.3	+0.1
WLY	Voula,Athens	2.03	360	P	Sb	21 17 54.7	+0.7
WLY	Voula,Athens	2.03	360	P	Sb	21 18 21.4	+0.1
WLY	Voula,Athens	2.03	360	ePB	Pb	21 17 54.7	+0.7
WLY	Voula,Athens	2.03	360	ePB	Pb	21 18 21.4	+0.1
ZKR	Zakros	2.09	109	ePB	Pb	21 17 56.3	+0.2
ZKR	Zakros	2.09	109	ePB	Pb	21 17 56.3	+0.2
ATH	Athens Observa	2.15	358	ePB	Pb	21 17 57.9	+0.4
ATH	Athens Observa	2.15	358	ePB	Pb	21 17 57.9	+0.4
PTL	Penteli	2.23	1	ePB	Pb	21 17 57.0	+0.9
PTL	Penteli	2.23	1	ePB	Pb	21 17 57.0	+0.9
LTK	Loutrak	2.30	343	P	Pn	21 17 58.0	+0.9
LTK	Loutrak	2.30	343	P	Pn	21 17 58.0	+0.9
VLL	Villia	2.38	351	P	Pn	21 17 59.1	+0.9
VLL	Villia	2.38	351	P	Pn	21 17 59.1	+0.9
THAL	Thalero	2.40	338	ePB	Pb	21 18 01.0	+2.6
THAL	Thalero	2.40	338	ePB	Pb	21 18 01.0	+2.6
GUR	Goura	2.42	332	P	Pn	21 17 59.7	+0.9
GUR	Goura	2.42	332	P	Pn	21 17 59.7	+0.9
VL2	Platees	2.43	350	ePB	Pb	21 18 02.0	+0.9
KL	Kalavryta, Ach	2.59	330	ePB	Pb	21 18 02.0	+0.9
KL	Kalavryta, Ach	2.59	330	ePB	Pb	21 18 02.0	+0.9
ERET	Erertra	2.60	2	ePB	Pn	21 18 02.8	+1.5
ERET	Erertra	2.60	2	ePB	Pn	21 18 02.8	+1.5
KARP	Karpathos	2.75	95	ePB	Pn	21 18 04.1	+0.8
KARP	Karpathos	2.75	95	ePB	Pn	21 18 04.1	+0.8
DES	Desfina	2.78	339	ePB	Pn	21 18 05.0	+1.2
DES	Desfina	2.78	339	ePB	Pn	21 18 05.0	+1.2
DSF	Desfina	2.78	339	ePB	Pn	21 18 04.8	+1.0
DSF	Desfina	2.78	339	ePB	Pn	21 18 04.8	+1.0
LAKA	Lakka	2.82	329	ePB	Pn	21 18 05.7	+1.4
LAKA	Lakka	2.82	329	ePB	Pn	21 18 05.7	+1.4
MRKA	Markates	2.89	357	ePB	Pn	21 18 06.3	+1.1
MRKA	Markates	2.89	357	ePB	Pn	21 18 06.3	+1.1
KALE	Kalitheia	2.89	333	ePB	Pn	21 18 06.2	+0.9
KALE	Kalitheia	2.89	333	ePB	Pn	21 18 06.2	+0.9
LKR	Lokris	2.90	348	ePB	Pn	21 18 06.3	+1.0
LKR	Lokris	2.90	348	ePB	Pn	21 18 06.3	+1.0
LKR	Lokris	2.90	348	P	Pn	21 18 05.3	+0.3
LKR	Lokris	2.90	348	P	Pn	21 18 08.7	+1.8
EFP	Efpalio	3.01	330	ePB	Pn	21 18 08.7	+1.8
EFP	Efpalio	3.01	330	ePB	Pn	21 18 08.7	+1.8
AXAR	Agios Charalam	3.08	343	ePB	Pn	21 18 10.1	+2.2
AXAR	Agios Charalam	3.08	343	ePB	Pn	21 18 10.1	+2.2
SMG	Samos	3.08	51	ePB	Pn	21 18 09.9	+2.0
SMG	Samos	3.08	51	ePB	Pn	21 18 09.9	+2.0
SMIA	Simia	3.09	351	ePB	Pn	21 18 09.4	+1.4
SMIA	Simia	3.09	351	ePB	Pn	21 18 09.4	+1.4
CHOS	Chios island	3.13	34	ePB	Pn	21 18 10.4	+1.8
CHOS	Chios island	3.13	34	ePB	Pn	21 18 10.4	+1.8
BDRM	Kayabasi	3.19	66	P	Pn	21 18 13.3	+3.9
BDRM	Kayabasi	3.19	66	P	Pn	21 18 13.3	+3.9
AOS	Alonnisos	3.35	1	ePB	Pn	21 18 12.4	+0.9
AOS	Alonnisos	3.35	1	ePB	Pn	21 18 12.4	+0.9
SKIA	Skiathos	3.35	356	ePB	Pn	21 18 12.9	+1.3
SKIA	Skiathos	3.35	356	ePB	Pn	21 18 12.9	+1.3
AGG	Agios Georgios	3.41	340	ePB	Pn	21 18 13.8	+1.5
AGG	Agios Georgios	3.41	340	ePB	Pn	21 18 13.8	+1.5
MAKR	Makrakomi, Fth	3.46	338	ePB	Pn	21 18 15.2	+2.2
MAKR	Makrakomi, Fth	3.46	338	ePB	Pn	21 18 15.2	+2.2
MAKR	Makrakomi, Fth	3.46	338	ePB	Pn	21 18 15.9	+2.5
EVRY	Evyryntia	3.48	333	ePB	Pn	21 18 15.9	+2.5
EVRY	Evyryntia	3.48	333	ePB	Pn	21 18 15.9	+2.5
NEO	Neokhori	3.51	353	ePB	Pn	21 18 15.1	+3.1
NEO	Neokhori	3.51	353	ePB	Pn	21 18 15.1	+3.1
ARG	Arkhangelos	3.53	82	ePB	Pn	21 18 16.5	+2.5
ARG	Arkhangelos	3.53	82	ePB	Pn	21 18 16.5	+2.5
XOR	Xorichiti	3.58	352	ePB	Pn	21 18 16.0	+1.3
XOR	Xorichiti	3.58	352	ePB	Pn	21 18 16.0	+1.3
DSL	Palaio Diesel	3.95	328	ePB	Pn	21 18 23.1	+3.3
DSL	Palaio Diesel	3.95	328	ePB	Pn	21 18 23.1	+3.3
TURN	Turnuc	4.02	73	P	Pn	21 18 19.2	-1.5
TURN	Turnuc	4.02	73	P	Pn	21 18 19.2	-1.5
TURN	Turnuc	4.02	73	P	Pn	21 18 19.2	-1.5
PAIG	Paliouri	4.11	359	ePB	Pn	21 18 22.8	+0.9
PAIG	Paliouri	4.11	359	ePB	Pn	21 18 22.8	+0.9
AKAS	Kas	4.72	83	P	Pn	21 18 33.8	+3.3
AKAS	Kas	4.72	83	P	Pn	21 18 33.8	+3.3
AKAS	Kas	4.72	83	P	Pn	21 19 21.8	-3.5
AKAS	Kas	4.72	83	P	Pn	21 18 33.8	+3.3
SGD	Sagiada	4.73	324	ePB	Pn	21 18 33.3	+2.9
SGD	Sagiada	4.73	324	ePB	Pn	21 18 33.3	+2.9
HORT	Horiatias	4.80	354	ePB	Pn	21 18 33.7	+2.1
HORT	Horiatias	4.80	354	ePB	Pn	21 18 33.7	+2.1
GOLH	Golhisar	4.85	71	P	Pn	21 18 37.8	+5.5
GOLH	Golhisar	4.85	71	P	Pn	21 18 37.8	+5.5
NEST	Nestorio	5.08	336	ePB	Pn	21 18 38.9	+3.5
NEST	Nestorio	5.08	336	ePB	Pn	21 18 38.9	+3.5
GAZI	Gazipasa	6.91	84	P	Pn	21 19 01.2	+0.7
GAZI	Gazipasa	6.91	84	P	Pn	21 19 01.2	+0.7
BRTR	Keskin Array B	8.71	60	P	Pn	21 19 27.6	+2.4
MMAI	Mount Meron Ar	9.98	103	P	Pn	21 19 42.6	-0.1
MMAI	Mount Meron Ar	9.98	103	P	Pn	21 19 42.6	-0.1
EIL	Elat	11.21	120	Pn	Pn	21 19 59.4	0.0
EIL	Elat	11.21	120	Pn	Pn	21 19 59.4	0.0
GERES	GERES Array B	14.99	333	P	Pn	21 20 52.1	+1.0
GERES	GERES Array B	14.99	333	P	Pn	21 20 52.1	+1.0
ESDC	Sonsec Array	22.25	288	P	P	21 22 13.1	-3.0
ESDC	Sonsec Array	22.25	288	P	P	21 22 13.1	-3.0
HFS	Hagfors	25.20	348	P	P	21 22 43.7	-0.8
HFS	Hagfors	25.20	348	P	P	21 22 43.7	-0.8
FINES	FINES Array B	25.69	3	P	P	21 22 47.4	-1.6
FINES	FINES Array B	25.69	3	P	P	21 22 47.4	-1.6
EKA	Eskdalemuir Ar	26.87	325	P	P	21 22 59.5	-0.2
EKA	Eskdalemuir Ar	26.87	325	P	P	21 22 59.5	-0.2

TORD	Torodi Ar. Bea	30.09	227	P	P	21 23 26.8	-2.0
TORD	Torodi Ar. Bea	30.09	227	P	P	21 23 26.8	-2.0
KURB	Kurchatov Arra	41.58	52	P	P	21 25 06.6	-0.2
KURB	Kurchatov Arra	41.58	52	P	P	21 25 06.6	-0.2
KURB	Kurchatov Arra	44.34	57	P	P	21 25 29.1	-0.2
KURB	Kurchatov Arra	44.34	57	P	P	21 25 29.1	-0.2
ZALV	Zalesovo Beam	45.35	47	P	P	21 25 36.0	-1.2
ZALV	Zalesovo Beam	45.35	47	P	P	21 25 36.0	-1.2
SONM	Songino Array	59.93	51	P	P	21 27 26.3	+0.9
SONM	Songino Array	59.93	51	P	P	21 27 26.3	+0.9
ROSC	EI Rosal	93.76	279	LR	LR	22 11 59.7	
ROSC	EI Rosal	93.76	279	LR	LR	22 11 59.7	

IDC 12 21:21:57.2:4.3, 28'43S:177'32W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/2, mbtmpp3.7/2, Error ellipse: s-maj=88.6km s-min=27.7km az=102.0, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
RAO	Raoul Island	0.97	212	Op	ISC	h m s	ISC
RAO	239nm,0.3s,baz=236,slow=24,SNR=7.3			Pn	Pb	21 22 17.4	

13d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kapahiang, Manna, Lahat, etc.

ATH 13 01:17:00.0, 4.7, 37.38N, 20.35E, h16km, 1km, MD3.5/2
CSEEM 13 01:17:00.0, 4.7, 37.37N, 20.36E, h16km, ML3.1, Error
ellip: s-maj=7.2km s-min=4.5km az=52.0

ISCJB 13 01:17:01.3, 1.0, 37.37N, 20.30E, 0.06, h15km, 10km,
Error ellip: s-maj=9.4km s-min=4.7km az=147.4

THE 13 01:17:02.5, 37.44N, 20.41E, h0km, 3km, ML3.1, 5, Error
ellip: s-maj=3.4km s-min=1.4km az=215.0

ISC 13 01:17:01.6, 1.5, 37.40N, 20.40E, 0.04, 20.36E, 0.05, h17km, 9km,
ISC 114, 1804/143, Ionian Sea

Main table of station data for the 13d 3h period, listing station names, coordinates, and other parameters.

2010 NOV

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

ISC 13 01:30:37.9, 2.2, 35.18S, 179.64E, h0km, mb3.8/2,
mb1.4, 1/3, mb1mx3.8/26, mbtmp3.9/3, ML4.0/1, Error
ellip: s-maj=58.5km s-min=42.3km az=129.0

ISCJB 13 01:30:46.1, 1.4, 35.67S, 179.67E, 0.1, h35km,
mb3.6/2, Error ellip: s-maj=16.1km s-min=12.2km
az=29.5

WEL 13 01:30:47.3, 0.8, 35.56S, 179.46E, h33km, ML4.0/6, Error
ellip: s-maj=6.3km s-min=5.9km az=90.0

ISC 13 01:30:48.1, 8.35E, 0.1x179.7E, 0.1, h35km, n32,
r1900/33, 4C-1D, Off east coast of North Island

Main table of station data for the 2010 NOV period, listing station names, coordinates, and other parameters.

ISC 13 01:32:23.7, 10.0, 17.02S, 178.89W, h477km, 118km,
mb2.8/6, mb1.3/2.6, mb1mx2.9/29, mbtmp3.6/6, Error
ellip: s-maj=123.9km s-min=33.6km az=157.0, Fiji
Islands region

Main table of station data for the 2010 NOV period, listing station names, coordinates, and other parameters.

576

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 13 01:55:26, 13.56N, 120.88E, etc.

MAN 13 01:55:26, 13.56N, 120.88E, h8km, mb4.0, ML2.7, MS2.4,
1C-1D, Mindoro

ISC 13 03:00:20.8, 1.0, 15.58N, 89.88W, h0km, mb3.7/8,
mb1.4/0.13, mb1mx3.8/35, mbtmp3.8/13, ML3.5/5, MS3.2/1,
Ms1.3/2.1, ms1mx2.6/38, Error ellip: s-maj=22.0km
s-min=15.8km az=42.0

ISCJB 13 03:00:22.7, 1.3, 15.73N, 0.03, 90.06W, 0.05, h6km, 9km,
mb4.1/16, MS3.0/1, Error ellip: s-maj=8.5km
s-min=3.3km az=159.5

B. CAJON 13 03:00:24.7, 0.5, 15.60N, 90.10W, h10km, Ms5.2/1, Ms7.4/8/1
NEIC 13 03:00:24.7, 0.5, 15.57N, 90.11W, h10km, mb4.2/14, Error
ellip: s-maj=16.5km s-min=6.5km az=52.0

CASC 13 03:00:26.6, 2.5, 15.45N, 90.05W, h0km, 7km, MD3.9,
ML4.1

ISC 13 03:00:23.2, 1.9, 15.69N, 0.04, 90.04W, 0.05, h3km, 12km,
n59, r160/61, mb4.1/17, Guatemala

Main table of station data for the 576 period, listing station names, coordinates, and other parameters.

AUST 13 03:01:27.4, 42.0, 7.40S, 102.35E, h226km, 2km, Error
ellip: s-maj=1.7km s-min=0.7km az=262.0
ISC 13 03:01:34.9, 1.1, 7.03S, 103.30E, h0km, mb4.0/15,
mb1.4/1.6, mb1mx3.9/47, mbtmp4.0/16, ML4.6/1, MS3.4/5,
Ms1.3/4.5, ms1mx3.0/46, Error ellip: s-maj=33.9km
s-min=15.0km az=40.0
ISCJB 13 03:01:40.1, 0.8, 6.98S, 104.103, 48E, 0.05, h5km, 7km,

Q30A	Quinter	34.65 314	P	P	04 42 19.2 -0.1
S29A	Ulysses	34.66 311	P	P	04 42 19.3 -0.1
H35A	Sunnydale Ranch	34.67 326	P	P	04 42 19.4 +0.1
C39A	Grand Marais	34.73 334	P	P	04 42 20.1 +0.2
N31A	Bailey Ranch,	34.74 318	P	P	04 42 20.0 -0.1
E37A	Wrenshall,	34.78 331	P	P	04 42 20.3 0.0
I34A	Hadley	34.79 325	P	P	04 42 20.4 0.0
L32A	Elgin	34.80 320	P	P	04 42 20.6 0.0
F36A	Milaca	34.80 329	P	P	04 42 20.5 0.0
G35A	Watkins	34.84 327	P	P	04 42 20.8 0.0
P30A	Selden	34.94 315	P	P	04 42 21.7 -0.2
J33A	Davis	34.96 323	P	P	04 42 21.9 0.0
ECSD	EROS Data Cent	35.02 324	P	P	04 42 22.3 -0.1
ECSD	EROS Data Cent	35.02 324	eP	P	04 42 22.4 +0.1
ECSD	R29A	35.03 313	eP	P	04 42 22.4 -0.2
M31A	Lambrecht Ranch	35.04 318	P	P	04 42 22.5 -0.1
CPRX	Cap Rock	35.10 302	eP	P	04 42 22.8 +0.6
Q30A	MW Ranch, Wils	35.13 316	P	P	04 42 22.3 -0.1
Q29A	Oakley	35.13 313	P	P	04 42 23.4 -0.1
C38A	Sawbill Land,	35.14 333	P	P	04 42 23.1 -0.3
E36A	McGregor	35.15 330	P	P	04 42 23.4 0.0
H34A	Spellman Lake,	35.15 325	P	P	04 42 23.3 +0.1
K32A	Verdige	35.16 321	P	P	04 42 23.3 -0.3
S28A	Manter	35.21 311	P	P	04 42 24.0 -0.2
D37A	Cotton	35.23 331	P	P	04 42 24.2 +0.1
I33A	Coleman	35.23 324	P	P	04 42 24.9 0.0
F35A	Swanville	35.33 328	P	P	04 42 24.8 -0.1
L31A	Butterfield Fa	35.41 320	P	P	04 42 25.6 -0.1
EYMN	Ely	35.41 333	P	P	04 42 25.7 0.0
EYMN	Ely	35.41 333	eP	P	04 42 25.5 -0.2
EYMN	Atwood	35.43 315	P	P	04 44 53.3 -0.2
P29A	Benson	35.46 326	P	P	04 42 26.2 +0.1
G34A	Benson	35.46 326	P	P	04 42 26.2 +0.1
R28A	Tribune	35.47 312	P	P	04 42 26.2 -0.2
N30A	Hueftle Ranch,	35.47 317	P	P	04 42 26.1 -0.3
J32A	Parkston	35.51 322	P	P	04 42 26.4 -0.1
C37A	Embarrass	35.55 332	P	P	04 42 26.9 0.0
D36A	Goodland	35.58 331	P	P	04 42 27.3 +0.2
O29A	4D Ranch, Cullb	35.59 315	P	P	04 42 27.3 -0.1
K31A	O'Neill	35.61 320	P	P	04 42 27.4 0.0
F34A	Alexandria	35.63 327	P	P	04 42 27.5 -0.1
I32A	Karley and Nic	35.68 323	P	P	04 42 27.9 -0.1
H33A	Prehn Over Nor	35.69 325	P	P	04 42 28.0 -0.1
M30A	Dale-Ortello V	35.71 318	P	P	04 42 28.3 -0.1
E35A	Pequot Lakes	35.73 329	P	P	04 42 28.4 0.0
Q28A	Sharon Springs	35.80 313	P	P	04 42 29.0 -0.2
N29A	Votaw Ranch, W	35.83 317	P	P	04 42 29.3 -0.1
L30A	Spencer Herofo	35.83 319	P	P	04 42 29.3 -0.1
G33A	Ortonville	35.85 326	P	P	04 42 29.5 0.0
C36A	Pine Crest Far	35.86 332	P	P	04 42 29.5 0.0
D35A	Remer	35.93 330	P	P	04 42 30.0 -0.2
H32A	Carlson Farm,	35.96 324	P	P	04 42 30.4 -0.1
P28A	Saint Francis	35.98 314	P	P	04 42 30.6 -0.2
MNTX	Cornudas Mount	35.98 300	P	P	04 42 30.6 -0.2
MNTX	Cornudas Mount	35.98 300	eP	P	04 42 30.6 -0.2
MNTX	J31A	35.98 321	P	P	04 48 11.8 -1.2
E34A	Wadena	36.08 328	P	P	04 42 31.4 0.0
K30A	Basset	36.16 320	P	P	04 42 32.2 0.0
M29A	Burnside Ranch	36.18 317	P	P	04 42 32.4 -0.1
O28A	5 Mile Ranch,	36.20 327	P	P	04 42 32.5 +0.1
I31A	Royce, Wessing	36.30 323	P	P	04 42 33.4 0.0
K30A	Kaye Sheddock	36.33 313	P	P	04 42 33.6 -0.3
K30A	Kaye Sheddock	36.33 313	eP	P	04 42 34.6 +0.7
K30A	Jirlik Farms, M	36.34 331	P	P	04 48 08.6 +0.8
N28A	Pribbeno Ranch	36.36 316	P	P	04 42 33.8 -0.2
L29A	Maesberg Ranch	36.37 318	P	P	04 42 34.0 0.0
J30A	Dallas	36.45 321	P	P	04 42 34.6 -0.1
G32A	Webster	36.47 325	P	P	04 42 34.8 0.0
E33A	Westby DABS, E	36.49 328	P	P	04 42 34.9 0.0
H31A	Wolsey	36.53 323	P	P	04 42 35.2 -0.1
M28A	Bar X Bar Ranc	36.60 317	P	P	04 42 35.9 -0.1
K29A	Lazy Trails An	36.65 320	P	P	04 42 36.3 -0.1
F32A	Yeblen	36.66 326	P	P	04 42 36.2 -0.1
B35A	Bob, Littlefor	36.71 332	P	P	04 42 36.5 -0.2
C34A	RKU Ranch, Bem	36.75 330	P	P	04 42 36.7 -0.3
I30A	Oacoma	36.75 322	P	P	04 42 37.1 -0.1
SUSD	South Dakota S	36.79 323	P	P	04 42 37.4 0.0
OGNE	Ogallala	36.81 316	P	P	04 42 37.7 -0.2
OGNE	Ogallala	36.81 316	eP	P	04 42 38.2 +0.3
G31A	Conde	36.84 324	P	P	04 42 38.0 +0.1
D33A	AnnSam, Waubun	36.85 329	P	P	04 42 37.6 -0.3

T25A	Trinidad	36.87 309	P	P	04 42 38.1 -0.4
T25A	Trinidad	36.87 309	eP	P	04 42 38.5 -0.1
SCHO	Schefferville	36.98 2 2	P	P	04 42 39.4 +0.5
SCHO	Schefferville	36.98 2 2	eP	P	04 48 35.7 -0.5
SCHO	Schefferville	36.98 2 2	eP	P	04 42 39.5 +0.5
SCHO	Schefferville	36.98 2 2	eP	P	04 48 36.1 0.0
J29A	Okreek	37.00 320	P	P	04 42 39.3 -0.1
L28A	Connealy Angus	37.01 318	P	P	04 42 39.4 -0.1
E32A	Braten, Kindr	37.10 327	P	P	04 42 40.2 +0.1
B34A	Aery, Baudette	37.12 331	P	P	04 42 40.8 -0.2
C33A	Tran	37.24 329	P	P	04 42 41.3 +0.1
F31A	Hecla	37.26 325	P	P	04 42 41.5 0.0
K28A	Ten Mile Ranch	37.27 319	P	P	04 42 41.6 -0.1
G30A	Faulton	37.30 324	P	P	04 42 41.9 +0.1
I29A	Vivian Onida	37.33 321	P	P	04 42 42.1 -0.1
D32A	Dogwood Acres,	37.43 328	P	P	04 42 42.9 +0.1
E31A	Nome	37.51 326	P	P	04 42 43.7 +0.2
B33A	Robert and Kas	37.51 330	P	P	04 42 43.9 +0.4
J28A	Allard Ranch,	37.57 320	P	P	04 42 44.1 -0.1
BNN	Barren Site	37.62 303	eP	P	04 42 45.4 +0.5
H29A	Onida	37.62 322	P	P	04 42 44.5 0.0
C32A	Crookston	37.65 329	P	P	04 42 44.8 +0.1
AGMN	Agassiz Nation	37.66 330	P	P	04 42 44.3 -0.4
AGMN	Agassiz Nation	37.66 330	eP	P	04 42 44.3 -0.4
AGMN	Leola	37.67 325	eP	P	04 48 38.6 -0.2
LPM	Los Pinos Moun	37.67 303	eP	P	04 42 45.5 +0.2
ANMO	Albuquerque	37.71 304c	iP	P	04 42 46.3 +0.7
ANMO	Albuquerque	37.71 304	eP	P	04 42 46.1 +0.5
ANMO	Mcclellin, Tow	37.74 327	P	P	04 48 39.5 -0.2
G29A	Hoven	37.79 323	P	P	04 42 45.8 -0.1
I28A	Midland	37.84 321	P	P	04 42 46.3 -0.1
A33A	Warroad	37.89 331	P	P	04 42 46.5 -0.2
SDCO	Great Sand Dun	37.90 309	eP	P	04 42 46.6 -0.7
SDCO	Great Sand Dun	37.90 309	eP	P	04 42 47.5 +0.2
J27A	Elkhorn Farm,	37.95 319	P	P	04 48 41.0 +0.6
E30A	Jud	38.02 326	P	P	04 42 47.8 0.0
B32A	Ashes, Strandq	38.05 330	P	P	04 42 47.8 -0.2
LAZ	Ladron	38.10 303	eP	P	04 42 49.4 +0.5
Q24A	Divide	38.10 311	eP	P	04 42 48.4 -0.6
F29A	Eureka	38.11 324	P	P	04 42 48.6 -0.1
H28A	Mission Ridge	38.13 322	P	P	04 42 48.6 -0.2
121A	Cookes Peak, D	38.16 300	P	P	04 42 48.9 -0.5
121A	Cookes Peak, D	38.16 300	eP	P	04 42 49.9 +0.5
C31A	Landman Farms,	38.23 328	P	P	04 48 41.7 +0.3
G28A	Parade	38.29 322	P	P	04 42 50.1 -0.1
D30A	Buchanan	38.32 326	P	P	04 42 50.3 -0.1
A32A	Rocking H Ranc	38.39 330	P	P	04 42 50.8 0.0
I27A	Quinn	38.41 320	P	P	04 42 51.1 -0.1
E29A	Napoleon	38.45 325	P	P	04 42 51.6 +0.1
C30A	Mose, Pekin	38.55 327	P	P	04 42 52.3 0.0
B31A	Greenbush Farm	38.61 329	P	P	04 42 52.6 -0.1
J26A	Sides Ranch, S	38.66 319	P	P	04 42 53.0 -0.3
F28A	McLaughlin	38.67 323	P	P	04 42 53.2 -0.1
A31A	Linda, St. Vin	38.73 330	P	P	04 42 54.1 +0.3
H27A	Howes	38.73 321	P	P	04 42 53.8 -0.1
D29A	Pettibone, Tap	38.73 326	P	P	04 42 53.9 0.0
ISCO	Idaho Springs	38.77 312	eP	P	04 42 55.1 +0.5
ISCO	Idaho Springs	38.77 312	eP	P	04 48 44.0 +0.4
ISCO	Idaho Springs	38.77 312	eP	P	04 42 55.1 +0.5
ISCO	FLORES T-PHASE	38.84 49	T	T	05 23 39.0
S22A	4UR Ranch, Cre	38.89 309	P	P	04 42 55.9 +0.3
S22A	4UR Ranch, Cre	38.89 309	eP	P	04 42 55.9 +0.3
I26A	New Underwood	38.89 320	eP	P	04 48 45.7 -1.1
BDFB	Brasilia	38.93 147	P	P	04 42 57.2 +1.3
BDFB	Brasilia	38.93 147	P	P	04 45 05.7 +0.9
BDFB	Brasilia	38.93 147	P	P	04 42 57.2 +1.3
BDFB	Brasilia	38.93 147	P	P	04 45 05.7
BDFB	Brasilia	38.93 147	P	P	04 42 57.1 +1.3
BDFB	Brasilia	38.93 147	P	P	04 45 05.7 +0.9
BDFB	Brasilia	38.93 147	P	P	04 42 55.4 -0.3
SLBS	Sierra La Lagu	39.02 286	eP	P	04 42 58.4 +1.8
H07N	FLORES T-PHASE	39.02 48	T	T	05 24 04.2
E28A	Huff	39.04 324	P	P	04 42 56.1 -0.2
ULM	Lac du Bonnet	39.05 332	P	P	04 42 55.6 -0.8
ULM	Lac du Bonnet	39.05 332	eP	P	04 48 43.6 -0.5

ULM	Lac du Bonnet	39.05 332	P	P	04 48 35.5
ULM	Lac du Bonnet	39.05 332	eP	P	04 42 55.6 -0.8
ULM	Lac du Bonnet	39.05 332	eP	P	04 48 43.6
ULM	Lac du Bonnet	39.05 332	eP	P	04 42 55.7 -0.7
ULM	Lac du Bonnet	39.05 332	eP	P	04 48 43.6 -0.5
G27A	Dupree	39.05 322	P	P	04 42 56.6 0.0
H26A	Fairpoint	39.14 321	P	P	04 42 57.2 -0.1
J25A	Sunshine Ranch	39.15 318	P	P	04 42 57.4 -0.1
MDND	Maddock	39.23 327	P	P	04 42 58.0 +0.1
MDND	Maddock	39.23 327	eP	P	04 42 58.1 +0.1
MDND	Maddock	39.23 327	eP	P	04 48 45.3 +0.4
A30A	Hoffart Farm,	39.28 329	P	P	04 42 58.2 -0.2
PHWY	Pilot Hill	39.28 314	eP	P	04 42 59.0 +0.2
PHWY	Pilot Hill	39.28 314	eP	P	04 48 45.3 -0.3
D28A	Regan	39.34 325	P	P	04 42 58.8 -0.1
F27A	Lenmon	39.38 323	P	P	04 42 59.3 0.0
G26A	Maurine	39.40 322	P	P	04 42 59.5 +0.1
I25A	Rochford	39.42 319	P	P	04 42 59.5 -0.3
E27A	Carson	39.44 324	P	P	04 42 59.8 +0.1
N23A	Red Feather La	39.44 314	P	P	04 42 59.6 -0.5
N23A	Red Feather La	39.44 314	eP	P	04 43 00.7 +0.5
B29A	Wagenman Farm,	39.49 328	P	P	04 43 00.1 0.0
SMCO	Snowmass	39.50 311	eP	P	04 43 01.2 +0.4
C28A	Hausauer Farms	39.56 326	P	P	04 48 47.3 +0.7
H25A	Fruitdale	39.65 320	P	P	04 43 01.4 -0.1
RSSD	Black Hills	39.66 319	eP	P	04 43 01.7 -0.2
RSSD	Black Hills	39.66 319	eP	P	04 43 01.7 -0.2
RSSD	Black Hills	39.66 319	eP	P	04 45 06.7 -0.2
RSSD	Black Hills	39.66 319	eP	P	04 48 47.5 +0.6
A28A	Manning Farm,	39.73 328	P	P	04 43 01.7 -0.3
F26A	Lodgepole	39.75 322	P	P	04 43 02.1 -0.2
D27A	Carson	39.81 325	P	P	04 43 04.7 +1.9
G25A	Newell	39.84 321	P	P	04 43 03.4 +0.3
YJA	Yavi	39.85 176	iP	P	04 43 03.5 -0.3
YJA	Yavi	39.85 176	iP	P	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRG, Gorka Klasztor, GO Pecny, Ondr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAHT, CEY, KRYS, YAVL, etc.

IDC 13 05:11:09.2:5.6, 101°16'N, 138°32'E, h0km, mb4.0/7, mb1.4/1.7, mb1mx3.7/3.5, mbtmp4.0/7, MS3.2/1, Ms1 3.2/1, ms=1mx2.6/3.3, Error ellipse: s-maj=147.3km, s-min=44.2km az=175.0, Western Caroline Islands

NIED 13 05:17:00.42:60N:143°50'E, h71km, Mw4.1 Best double couple: Mo:1.70000x10^15, NP1:az=232.00000°, d15.00000°, l11.00000°. NP2:az=132.00000°, d87.00000°, l105.00000°. ISCJB 13 05:17:21.7:0.3, 42°56'N, 0°03:143°55'E:0.0, h76km, 2km, mb3.9/19, Error ellipse: s-maj=6.7km s-min=4.1km az=140.1

MOS 13 05:17:22.6:0.7, 42°54'N:143°53'E, h91km, mb4.1/12, Error ellipse: s-maj=15.8km s-min=9.0km az=80.4 JMA 13 05:17:22.7:0.1, 42°59'N:143°54'E, h69km, Mw4.0 Broadband fault plane solution: P waves: NP1: az=119.00000°, d82.00000°, l89.00000°. NP2: az=309.00000°, d88.00000°, l100.00000°. Principal axes: T Plg33.00000°, Azm27.00000°. N Plg1.00000°, Azm119.00000°. P Plg37.00000°, Azm210.00000°. JMA Fell II J1

IDC 13 05:17:23.6:1.7, 42°65'N:143°52'E, h79km, 13km, mb3.7/18, mb1.3/9.20, mb1mx3.8/4.1, mbtmp4.0/20 Error ellipse: s-maj=15.8km s-min=12.5km az=115.0 ISC 13 05:17:22.6:0.7, 42°59'N:0°04:143°55'E:0.0, h71km, 6km, mb6.0/193/73, mb4.0/19, 3C-10D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHUR, JOB, JEM, JNBK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAT, MJAR, TYV, USRK, KRSR, PETK, etc.

ISK 13 05:06:54.1, 36°56'N:36°02'E, h5km, MD2.7 DDA 13 05:06:56.0, 36°51'N:36°00'E, h7km, MD2.9 CSEM 13 05:06:55.6, 0.2, 36°55'N:36°02'E, h8km, MD2.7, Error ellipse: s-maj=5.7km s-min=4.0km az=52.0

ISCJB 13 05:50:59.9:0.8, 16°33'N:0°24'47"W:0.2, h10km, mb3.7/6, MS3.9/7, Error ellipse: s-maj=25.8km s-min=20.7km az=35.9 IDC 13 05:51:00.0:1.0, 16°24'N:47°11'W, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.7/3.9, mbtmp3.8/6, MS3.4/7, Ms1 3.4/7, ms1mx3.1/3.3, Error ellipse: s-maj=30.8km s-min=25.9km az=133.0 ISC 13 05:51:01.5:0.9, 16°22'N:0°24'47"W:0.2, h10km, n13, az=130.6, mb3.8, MS3.3/7, Northern Mid-Atlantic Ridge

Table with columns: TXAR, Lajitas Array, 53.29 295 P, P, 06 00 20.5 -0.5, 0.4nm, 0.9s, baz=74, slow=6.7, SNR=2.3

IDC 13 06:02:41.5:1.6, 30.385:177.93W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.9/2, mbtmp4.0/4, ML3.5/1, Error ellipse: s-maj=46.2km s-min=21.3km az=103.0

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

IDC 13 06:09:14.4:1.2, 30.385:177.95W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.9/2, mbtmp4.0/4, MS1 2.9/1, ms1mx2.7/28, Error ellipse: s-maj=36.7km s-min=20.8km az=94.0

ISC/JB 13 06:09:18.8:1.3, 30.245:0.08:177.9W:0.3, h46km, mb4.0/4, Error ellipse: s-maj=37.2km s-min=10.3km az=7.5

ISC 13 06:09:20.7:1.3, 30.199:0.09:177.8W:0.3, h46km, n8, s=273.9, mb3.9/4, Kermadec Islands

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

AUST 13 06:22:06.5:0.5, 65.5S:149.52E, h30km, 1km, Error ellipse: s-maj=2.9km s-min=2.8km az=17.0

IDC 13 06:22:13.6:3.3, 5.98S:148.19E, h0km, mb4.0/2, mb1 4.3/4, mb1mx3.732, mbtmp4.1/4, ML4.1/1, Error ellipse: s-maj=51.0km s-min=29.5km az=103.0

ISC 13 06:22:15.2:1.6, 49.9S:109.3E:0.4, h10km, n13, s=184/14, New Britain region

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

IDC 13 06:35:42.0:1.6, 49.91S:109.90E, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.739, mbtmp4.0/4, MS3.5/6, Ms1 3.5/6, ms1mx3.2/23, Error ellipse: s-maj=65.5km s-min=22.0km az=119.0

ISC 13 06:35:43.4:1.6, 49.9S:109.9E:0.4, h10km, n13, s=060/5, mb3.9/4, MS3.5/6, Southeast Indian Ridge

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

IDC 13 06:38:44.6:4.1, 30.285:178.00W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/2, mbtmp3.4/2, MS3.4/1, Ms1 3.4/1, ms1mx2.7/11, Error ellipse: s-maj=98.7km s-min=27.1km az=124.0, Kermadec Islands

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

Table with columns: RAO, 130nm, 0.3s, baz=111, slow=8.1, SNR=14, 493nm, 0.3s, baz=248, slow=23, SNR=15

ISK 13 07:01:07.3, 39.62N:29.76E, h15km, MD2.3

ISC/JB 13 07:01:09.7:0.6, 39.67N:0.03:29.44E:0.05, h0km, Error ellipse: s-maj=5.4km s-min=4.3km az=178.5

ISC 13 07:01:09.6:0.6, 39.66N:29.42E, h1km, MD2.3, Error ellipse: s-maj=15.0km s-min=8.7km az=82.0, Mining explosion.

ISC 13 07:01:09.3:0.9, 39.69N:0.03:29.52E:0.03, h0km, n16, s=085/27, Turkey

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

IDC 13 07:05:45.3:9.4, 4.56S:101.65E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/39, mbtmp3.5/4, Error ellipse: s-maj=45.8km s-min=23.1km az=52.0

ISC/JB 13 07:05:51.3:0.9, 4.21S:109.101.81E:0.07, h58km, mb3.6/4, Error ellipse: s-maj=15.2km s-min=7.8km az=32.1

DJA 13 07:05:51.9:0.6, 4.7S:101.2E, h57km, 9km, M3.6/7, ML3.0/67

ISC 13 07:05:53.3:1.1, 4.16S:109.101.84E:0.08, h58km, n23, s=1934/17, Myanmar Sumatrae

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

IDC 13 07:09:26.2:0.7, 29.88S:177.06W, h0km, mb4.4/9, mb1 4.6/9, mb1mx4.3/30, mbtmp4.4/9, MS3.6/7, Ms1 3.6/7, ms1mx3.3/30, Error ellipse: s-maj=25.1km s-min=16.0km az=45.0

ISC/JB 13 07:09:29.0:0.6, 30.06S:0.07:177.15W:0.10, h24km, mb4.5/11, MS3.7/5, Error ellipse: s-maj=12.7km s-min=9.1km az=151.2

NEIC 13 07:09:31.8:0.5, 29.91S:177.15W, h35km, mb4.6/5, Error ellipse: s-maj=12.9km s-min=11.9km az=156.0

ISC 13 07:09:30.3:0.7, 30.06S:0.07:177.1W:0.1, h24km, n41, s=1836/37, mb4.6/11, MS3.8/5, Kermadec Islands

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

Table with columns: FITZ, Fitzroy Crossi, 53.11 269 P, P, 07 19 16.8 -0.7, 3.4nm, 0.8s, baz=188, slow=8.5, SNR=5.1

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

CASC 13 07:13:19.4:2.3, 8.94N:82.88W, h19km, 13km, MD3.5, 1C, Panama-Costa Rica border region

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

ISC/JB 13 07:16:07.1:0.3, 25.32S:179.53E:0.07, h507km, mb4.2/31, Error ellipse: s-maj=8.2km s-min=5.3km az=15.1

NEIC 13 07:16:07.7:0.8, 25.33S:179.56E, h504km, 10km, mb4.7/26, Error ellipse: s-maj=14.5km s-min=8.4km az=113.0

IDC 13 07:16:07.7:1.1, 25.25S:179.56E, h511km, 11km, mb3.4/5, mb1 3.7/17, mb1mx3.6/31, mbtmp4.3/17, Error ellipse: s-maj=13.8km s-min=12.0km az=172.0

BUI 13 07:16:07.8:2.5, 25.57S:179.24E, h503km, mb4.7/10, mb4.9/6, Error ellipse: s-maj=13.8km s-min=12.0km az=172.0

AUST 13 07:16:16.3:13.0, 25.84S:179.24E, h584km, 1km, Error ellipse: s-maj=7.2km s-min=1.7km az=226.0

ISC 13 07:16:07.6:0.4, 25.27S:0.06:179.66E:0.09, h507km, n85, s=1946/97, mb4.2/33, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMB Columbia Colle, NV01 Mina Array Sit, NVAR Mina Array Bea, GYA Guiyang, etc.

NNC 13 07:20:42.5:0.8,50.03N:78.74E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=13.3km s-min=3.9km az=79.0

DDA 13 07:35:10.7:37.86N:27.73E, h7km, Md2.8 CSEM 13 07:35:10.6:0.4,37.87N:27.29E, h15km, Md2.8, Error ellipse: s-maj=14.1km s-min=8.0km az=83.0

ISCJB 13 07:35:11.0:0.6,37.86N:0.03:27.33E:0.05, h10km, n8, +15/10, 4C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, MK31 Machachi Arra, etc.

DDA 13 07:35:10.7:37.86N:27.73E, h7km, Md2.8 CSEM 13 07:35:10.6:0.4,37.87N:27.29E, h15km, Md2.8, Error ellipse: s-maj=14.1km s-min=8.0km az=83.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcam'i, GCAM G?zelcam'i, GCAM G?zelcam'i

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcam'i, DGB zmir, AYDB Zeytinokoy-Aydi, etc.

ISK 13 07:36:44.6:40.15N:31.92E, h16km, Md2.7 DDA 13 07:36:46.2:40.19N:31.72E, h7km, Md2.7 CSEM 13 07:36:46.6:0.4,40.10N:31.73E, h12km, Md2.7, Error ellipse: s-maj=9.3km s-min=7.9km az=120.0

ISCJB 13 07:36:47.0:0.6,40.10N:0.04:31.71E:0.06, h21km, 8km, Error ellipse: s-maj=7.4km s-min=5.6km az=22.7

ISC 13 07:36:47.2:1.0,40.12N:0.03:31.71E:0.03, h22km, 6km, n19, +12/30, Turkey

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

ISCJB 13 07:52:03.7:0.3,6.89S:106.109:52E:0.03, h283km, 2km, mb4.1/20, Error ellipse: s-maj=10.1km s-min=4.2km az=17.2

NEIC 13 07:52:05.0:0.7,6.69S:109.57E, h276km, 7km, mb4.2/9, Error ellipse: s-maj=16.3km s-min=7.3km az=52.0

IDC 13 07:52:04.9:0.8,6.65S:109.57E, h272km, 8km, mb3.8/13, s-maj=17.3km s-min=9.3km az=57.0

DJA 13 07:52:05.2:0.3,7.56:11.10E, +h268km, 3km, M4.5/26, mb4.6/11, mb5.1/5, ML7.4/326, Mw(MB)4.5/5

ISC 13 07:52:04.1:0.6,6.97S:107.109:47E:0.05, h275km, 5km, n72, +142/83, mb4.2/20, Jawa

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

ISC 13 08:43:27.9:0.9,18.28S:174.28W, h0km, mb4.1/7, mb1.4/3.8, mb1mx4.0/42, mbtmp4.1/8, ML4.3/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/29, Error ellipse: s-maj=42.7km s-min=19.3km az=134.0

ISCJB 13 08:43:31.5:0.0,18.3S:0.1:174.3W:0.1, h35km, mb4.3/11, MS3.6/2, Error ellipse: s-maj=22.8km s-min=10.7km az=31.1

NEIC 13 08:43:33.6:1.5, 18.23S:174.32W, h39km, 15km, mb4.7/5, Error ellipse: s-maj=18.8km s-min=9.1km az=119.0

ISC 13 08:43:33.0:0.7, 18.2S:0.1:174.3W:0.2, h35km, n20, +123/18, mb4.5/11, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAPN Taplejung, RAMN Ramite, LSA Lhasa, etc.

ISC 13 07:54:28.5:40.35N:32.32E, h7km, Md2.9 DDA 13 07:54:35.2:40.20N:31.58E, h6km, Md2.9 CSEM 13 07:54:35.2:0.6,40.10N:31.76E, h10km, Md2.9, Error ellipse: s-maj=16.2km s-min=12.7km az=132.0

ISC 13 07:54:35.8:1.0,40.16N:0.03:31.72E:0.03, h1km, 10km, n17, +15/26, Turkey

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

ISC 13 08:43:27.9:0.9, 18.28S:174.28W, h0km, mb4.1/7, mb1.4/3.8, mb1mx4.0/42, mbtmp4.1/8, ML4.3/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/29, Error ellipse: s-maj=42.7km s-min=19.3km az=134.0

ISCJB 13 08:43:31.5:0.0, 18.3S:0.1:174.3W:0.1, h35km, mb4.3/11, MS3.6/2, Error ellipse: s-maj=22.8km s-min=10.7km az=31.1

NEIC 13 08:43:33.6:1.5, 18.23S:174.32W, h39km, 15km, mb4.7/5, Error ellipse: s-maj=18.8km s-min=9.1km az=119.0

ISC 13 08:43:33.0:0.7, 18.2S:0.1:174.3W:0.2, h35km, n20, +123/18, mb4.5/11, Tonga Islands

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

ISC 13 08:43:27.9:0.9, 18.28S:174.28W, h0km, mb4.1/7, mb1.4/3.8, mb1mx4.0/42, mbtmp4.1/8, ML4.3/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/29, Error ellipse: s-maj=42.7km s-min=19.3km az=134.0

ISCJB 13 08:43:31.5:0.0, 18.3S:0.1:174.3W:0.1, h35km, mb4.3/11, MS3.6/2, Error ellipse: s-maj=22.8km s-min=10.7km az=31.1

NEIC 13 08:43:33.6:1.5, 18.23S:174.32W, h39km, 15km, mb4.7/5, Error ellipse: s-maj=18.8km s-min=9.1km az=119.0

ISC 13 08:43:33.0:0.7, 18.2S:0.1:174.3W:0.2, h35km, n20, +123/18, mb4.5/11, Tonga Islands

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

ISC 13 08:43:27.9:0.9, 18.28S:174.28W, h0km, mb4.1/7, mb1.4/3.8, mb1mx4.0/42, mbtmp4.1/8, ML4.3/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/29, Error ellipse: s-maj=42.7km s-min=19.3km az=134.0

ISCJB 13 08:43:31.5:0.0, 18.3S:0.1:174.3W:0.1, h35km, mb4.3/11, MS3.6/2, Error ellipse: s-maj=22.8km s-min=10.7km az=31.1

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ohinepanea, Urewera, Matawai, Rawiri, etc.

DDA 13 10:00:40.9, 38.70N, 38.14E, h17km, Md2.7
ISCJB 13 10:00:41.8, 0.6, 38.70N, 0.04, 38.18E, 0.04, h9km, Error ellipse: s-maj=0.6km s-min=4.4km az=151.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Akcadag, Darende-Malaty, Elazig, etc.

NIED 13 10:04:00.42, 60N, 145.30E, h26km, Mw3.7. Best double couple: M3.67000, 1.014, NP1.2524, 0.0000, 3.92000, 0.0000, 1.152, 0.0000, NP2.8, 0.0000, 3.75, 0.0000, 1.60, 0.0000.

JMA 13 10:04:35.7, 0.1, 42.56N, 145.34E, h40km, 2km, M3.8
IDC 13 10:04:37.3, 3.2, 42.32N, 145.28E, h57km, 25km, mb3.5/10, mb1.3.6/12, mb1mx3.4/44, mbtmp3.7/12, ML3.7/2, Error ellipse: s-maj=24.6km s-min=21.8km az=3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Akkeshi, Nemuro 2, Nakaishi, etc.

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

ISCJB 13 10:32:13.0, 0.0, 5.39, 11N, 0.03, 27.54E, 0.04, h0km, Error ellipse: s-maj=5.0km s-min=3.2km az=43.6
DDA 13 10:32:12.9, 39.11N, 27.57E, h7km, Md2.6
CSEM 13 10:32:13.4, 0.3, 39.11N, 27.59E, h1km, Md2.8, Error ellipse: s-maj=7.8km s-min=5.5km az=119.0, Mining explosion.

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

NNC 13 10:41:34.5, 4.4, 42.12N, 81.66E, h0km, mb3.8, mpv3.4, 4C-5D, Error ellipse: s-maj=39.1km s-min=26.7km az=0.0, North Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDGK, TKM2, TKM2, etc.

MEX 13 10:46:45.8, 0.5, 13.88N, 91.80W, h29km, 53km, MD3.5, Near coast of Guatemala

IDC 13 10:51:49.2, 1.4, 7.24S, 126.78E, h0km, mb3.9/4, mb1.4/3.6, mb1mx3.9/28, mbtmp4.1/6, ML4.3/2, Error ellipse: s-maj=181.9km s-min=28.0km az=64.0
ISCJB 13 10:52:05.9, 0.6, 7.11S, 0.05, 128.5E, 0.1, h150km, mb3.7/4, Error ellipse: s-maj=16.5km s-min=6.6km az=174.1

AUST 13 10:52:06.3, 0.8, 7.04S, 128.49E, h151km, Error ellipse: s-maj=1.5km s-min=1.0km az=280.0
DJA 13 10:52:39.0, 0.7, 5.5S, 12.9E, h118km, 11km, M4.3/6, mb5.5/1, mb5.4/1, MLV3.7/6, Mw(MB)4.8/1
ISC 13 10:52:05.8, 0.7, 7.02S, 0.07, 128.45E, 0.09, h150km, n25, e1980/21, mb3.8/4, Banda Sea

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

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

IDC 13 10:52:57.0, 1.1, 0.36, 32N, 71.57E, h145km, 112km, mb3.5/4, mb1.3/3.9, mb1mx3.1/54, mbtmp3.8/9, ML3.4/5, Error ellipse: s-maj=63.3km s-min=60.1km az=86.0
ISCJB 13 10:52:59.9, 0.7, 36.60N, 0.06, 71.37E, 0.08, h150km, mb3.6/4, Error ellipse: s-maj=10.5km s-min=6.5km az=145.9
NNC 13 10:53:07.4, 1.2, 37.11N, 71.28E, h177km, 17km, mb3.0, mpv4.0, Error ellipse: s-maj=14.8km s-min=7.2km az=135.0

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

ARO 13 10:59:37.7, 12.12N, 42.02E, 0.8, h4km, 3km, ML3.6, Ethiopia

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

NNC 13 11:04:52.7, 0.5, 37.11N, 71.12E, h0km, mb3.9, mpv3.5, 5C-4D, Error ellipse: s-maj=57.4km s-min=32.0km az=165.0, Afghanistan-Tajikistan border region

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

NEIC 13 11:12:01.0, 43.62S, 172.40E, h8km, ML3.8(WEL), After WEL.
NEIC Felt [V] in Canterbury.
WEL 13 11:12:01.0, 1.0, 43.62S, 172.44E, h12km, ML3.8/18, 3C-5D, Error ellipse: s-maj=1.0km s-min=1.0km az=0.0, South Island

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kahutara, Lake Benmore, Tophouse, Otahua Downs, Denniston Nort, Fox Glacier, Blackbirch Sta, Tuamarina, Nelson, Highcliff Hill, Wanaka, Earnscleugh, Quartz Range, Tuapeka, Mavora Lakes, Scrubby Hill, Kahui Hut.

ISCJB 13 11:27:14.9, 0.7, 40.28N, 0.05, 28.23E, 0.05, h11km, Error ellipse: s-maj=6.7km s-min=5.4km az=16.4

DDA 13 11:27:14.7, 40.21N, 28.14E, h7km, Md2.6

CSEM 13 11:27:15.1, 0.4, 40.29N, 28.19E, h10km, Md2.2, Error ellipse: s-maj=9.8km s-min=7.0km az=18.0

ISC 13 11:27:15.4, 40.70N, 28.27E, h28km, Md2.2

ISC 13 11:27:15.4, 0.9, 40.28N, 0.04, 28.20E, 0.03, h11km, n14, 0.97/21, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Edincik, Marmara Adasi, Armutu, Dursunbey, Tekirdag, Sarkoy-Tekirda, Sarkoy-Tekirda, Buyukada, Buyukada.

ISCJB 13 11:38:00.3, 0.4, 32.53N, 0.03, 105.31E, 0.05, h11km, mb4.0/13, MS3.2/4, Error ellipse: s-maj=6.5km s-min=4.6km az=15.4

ISC 13 11:38:03.2, 0.7, 32.54N, 105.29E, h18km, 5km, mb3.9/13, mb1.4/0.16, mb1mx3.8/43, mbtmp3.9/16, ML3.9/3, MS3.2/5, Ms1.3/2.5, ms1mx2.7/5.0, Error ellipse: s-maj=30.4km s-min=12.9km az=57.0

Bull 13 11:38:03.1, 32.54N, 105.27E, h20km, mb4.1/3, ML3.9/25, Ms3.6/6, Mst7.3/5/6

ISC 13 11:38:02.1, 0.5, 32.51N, 0.03, 105.30E, 0.04, h11km, n25, 0.17/13/7, mb4.0/13, MS3.2/4, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chengdu, Xi'an, Lanzhou, Guiyang, Gaotai, MXZ, Wanaoka Point.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTA, CMAR, SONM, WMQ, KRSR, MKAR, MKAR, ZALV, AARB, KURB, BVAR, LEM, KBZ, ARCES, BRTR, FINES, AKAS, WRAS, WRA, ASAR, NOAR, GERES, OPO, IS13KZ, IS34MN.

ISC 13 11:55:00.8, 6.5, 43.93N, 45.47E, h0km, Error ellipse: s-maj=247.2km s-min=43.2km az=174.0, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBZ, IS13KZ, IS34MN.

CSEM 13 12:11:02.6, 37.01N, 35.76E, h5km, Md2.4, After ISK

ISC 13 12:11:02.6, 37.01N, 35.76E, h5km, Md2.4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEYT, KOZT, KRTS, KARAI, KARAI, KARAI, TAHT, TAHT.

ISCJB 13 12:16:42.0, 0.8, 7.90S, 0.08, 124.27E, 0.05, h33km, Error ellipse: s-maj=12.0km s-min=7.7km az=0.2

DJA 13 12:16:44.3, 0.6, 8.54, 12.4E, h10km, M3.5/9, MLV3.4/3, MLV3.5/9

AUST 13 12:17:04.3, 10.00S, 124.52E, h100km

ISC 13 12:16:44.9, 1.4, 7.89S, 0.08, 124.18E, 0.08, h35km, n11, 0.15/20, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI, MMRI, EDFI, BBSI, KDI, WSI, BASI, BKSI, MTN, KDU.

ISCJB 13 12:22:42.9, 1.1, 1.162S, 0.08, 166.0E, 0.2, h37km, mb3.6/5, Error ellipse: s-maj=23.6km s-min=10.2km az=165.2

ISC 13 12:22:46.3, 4.0, 1.1, 60S, 166.06E, h56km, 36km, mb3.4/5, mb1.3/7.7, mb1mx3.4/34, mbtmp3.8/7, ML4.0/2, MS2.9/2, Ms1.2/9.2, ms1mx2.7/14, Error ellipse: s-maj=35.2km s-min=27.3km az=74.0

ISC 13 12:22:46.3, 4.0, 1.1, 150S, 0.10, 166.1E, 0.2, h37km, n9, 0.1825/9, mb3.5/5, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR, DZM, DZM, PMG, WRA, ASAR, SONM, ILAR, MKAR, ARCES.

WEL 13 12:24:01.9, 0.8, 36.03S, 179.87W, h33km, ML3.9/10, 2D, Error ellipse: s-maj=8.0km s-min=4.7km az=90.0, East of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, Wanaoka Point.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, PUK, HAZ, MWZ, URZ, OPRZ, KNZ, KUZ, NMHZ, ARHZ, TOZ, MKAZ, KRZ, KRHZ, BHHZ, PXZ, IRSZ, HIWZ, KIWZ.

ISC 13 12:33:52.8, 6.5, 44.07N, 45.39E, h0km, Error ellipse: s-maj=250.8km s-min=43.3km az=170.0, Ukraine - Moldova - Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBZ, I31KZ, I34MN.

ISCJB 13 12:34:05.6, 0.3, 43.62S, 0.03, 172.53E, 0.04, h25km, 3km, mb4.1/5, MS3.6/7, Error ellipse: s-maj=5.9km s-min=2.9km az=140.0

Bull 13 12:34:05.5, 44.10S, 171.69E, h10km, mb5.1/6, mb5.5/4, Ms5.1/2, Mst7.4/8/2

ISC 13 12:34:05.3, 0.9, 43.35S, 172.38E, h0km, mb4.1/4, mb1.4/3.5, mb1mx3.9/30, mbtmp4.1/5, ML4.0/1, MS3.5/8, Ms1.3/6.8, ms1mx3.4/20, Error ellipse: s-maj=27.0km s-min=12.1km az=156.0

WEL 13 12:34:06.9, 0.1, 43.60S, 172.41E, h8km, 1km, ML4.8/5/4, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0

WEL Felt from Nelson to Otago, maximum reported intensity MM7.

NEIC 13 12:34:06.9, 43.60S, 172.41E, h8km, mb4.4/2, MW4.3, ML4.8(WEL), Moment Tensor Solution. s22 Moment tensor: Scale 10^19Nm; Mr0.34; Mw2.27; Mw2.26;1; Mw0.91; Mw2.23; Mw0.15; Best double couple: Mc3.50000*10^15 Np1.065.000000; 855.000000; 7.164.000000; NP2.09157.000000; 874.000000; 16.000000.

Principal axes: T 3.3500, P15.000000; Azm20.00000; N 0.1900, P173.00000; Azm227.00000; P -3.5300, P167.00000; Azm112.00000; After WEL

NEIC Felt [V] at Saint Albans and [IV] at Christchurch, Kaiapoi and Rangiora. Felt in much of Canterbury.

ISC 13 12:37:07.0, 0.9, 43.58S, 0.03, 172.43E, 0.03, h9km, 6km, n141, 0.1363/134, mb4.2/5, MS3.5/7, SC-7D, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRLZ, McQueen's Vall, MOZ, MOZ, OXF, OXF, LTZ, LTZ, RPZ, RPZ, RPZ, RPZ, RPZ.

ISC 13 12:37:07.0, 0.9, 43.58S, 0.03, 172.43E, 0.03, h9km, 6km, n141, 0.1363/134, mb4.2/5, MS3.5/7, SC-7D, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRLZ, Waitaha Valley, Kahutara, Kahutara, Lake Benmore, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Wanaoka, Wanaoka.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ORZ Quartz Range, Earnsclough, Baring Head, South Karori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAZ Moumakai, ETAZ East Tamaki Re, WIAZ Waiteke Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAS 8.6nm,0.4s, AML Almayashu, KK31 Karatay Array, etc.

NEIC 13 12:35:43.3, 43:58S-172:40E, h5km, ML3.9(WEL), After WEL

NEIC Felit in Canterbury. WEL 13 12:35:43.3, 43:58S-172:39E, h5km, ML3.9/9, 1-2D, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MCQueen's Vall, OXF, etc.

ISCJBJ 13 12:41:55.3, 0.4, 36:68N, 0:03:69E, 0:05, h10km, mb3.7/15, MS3.0/3, Error ellipse: s-maj=5.8km

IDC 13 12:41:56.0, 0.8, 36:67N, 69:43E, h0km, mb3.8/15, mb1.4/0.21, mb1mx3.9/47, mbtmp3.9/21, ML3.8/6, MS3.1/5, Ms1.3/2.5, ms1mx2.8/42, Error ellipse: s-maj=15.6km

s-min=13.4km az=175.0, NNC 13 12:42:01.2, 2.2, 36:69N, 69:65E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=16.8km s-min=10.9km az=27.0

NEIC 13 12:42:01.5, 0.6, 36:83N, 69:38E, h35km, mb4.0/2, Error ellipse: s-maj=11.9km s-min=10.0km az=158.0

ISC 13 12:41:57.0, 0.5, 36:69N, 0:04:69E, 0:05, h10km, n62, o172/60, mb3.9/15, MS3.1/3, 6C-10D, Hindu Kush region

NNC 13 12:52:01.5, 3.2, 36:91N, 69:73E, h0km, mb3.9, mpv3.5, 5C-32, Error ellipse: s-maj=31.6km s-min=17.6km az=42.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZET Dzerhino, MNAS Manas, etc.

AAK	Ala-Archa	6.79	31	U	Pn	12 53 44.0	+1.3
TKM2	Tokmak 2	7.51	35	U	Pn	12 53 53.3	+0.8
MEX 13 12:54:44.7.0.17.85N.98.38W, h63km, 8km, MD3.9, Guerrero							
Code	Station Name	Δ°	AZ°	Phase ID		Time	Res
TLIG	Tlapa	0.33	212	Op	ISC	h m s	ISC
TLIG	Tlapa				ISC	12 55 13.1	+1.9
PLIG	Platanillo	1.20	297	eS	Pn	12 55 04.2	-1.4
PLIG	Platanillo				Pn	12 55 19.9	-1.2
PNIG	Pinotepa	1.47	170	eP	Pn	12 55 08.1	-1.0
RNIG	Ruiz	1.25	262	iS	Pn	12 55 26.2	-1.2
ARIG	Puerto Sto Nin	1.92	283	eP	Pn	12 55 14.1	-1.1
CAIG	Caicaco	1.97	246	eS	Pn	12 55 36.2	-2.1
CAIG	Caicaco				Pn	12 55 13.6	-2.2
CAIG	Caicaco				Pn	12 55 37.5	-2.0

CSEM 13 12:59:13.9, 32°35'N, 45°59'E, h5km, ML4.1, After ISN							
ISN 13 12:59:13.9, 32°35'N, 45°59'E, h5km, 8km, ML4.1, Iraq							
Code	Station Name	Δ°	AZ°	Phase ID		Time	Res
IBDR	Badra	0.26	349	iP	ISC	h m s	ISC
IBDR	Badra				ISC	12 59 21.0	
BHD	Baghdad	1.41	288	eP	Pn	12 59 24.1	
BHD	Baghdad				Pn	12 59 44.4	+3.4
BHD	Baghdad				Pn	12 59 07.9	+8.6
NSR	Nasriya	1.84	176	eP	Pn	12 59 40.0	
NSR	Nasriya				Pn	12 59 08.0	
NSR	Nasriya	1.84	176	eP	Pn	12 59 44.0	-2.2
NSR	Nasriya				Pn	13 00 08.0	-1.8
IKRK	Kirkuk	2.88	332	eP	Pn	12 59 59.1	
IKRK	Kirkuk				Pn	13 00 32.0	

RSPR 13 13:23:25.0, 19°66'N, 65°25'W, h83km, 15km, MD4, 1/7
NEIC 13 13:23:25.0, 19°66'N, 65°25'W, h83km, MD4, 1(RSPR), After RSPR.

NEIC Feit at Fajardo
ISC 13 13:23:24.6, 2.2, 19.65N, 01°05'32'W, 0.07, h23km, n37, 0°57'48, 21C-9D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID		Time	Res
STVI	Saint Thomas	1.33	165	eP	Pb	13 23 48.4	+0.5
STVI	Saint Thomas	1.33	165	eS	Pb	13 23 45.1	+0.5
STVI	Saint Thomas	1.33	165	eS	Pb	13 23 48.4	+0.5
STVI	Saint Thomas	1.33	165	eS	Pb	13 23 48.4	+0.5
STVI	Saint Thomas	1.33	165	eS	Pb	13 23 48.4	+0.5
HUMP	Col San Antoni	1.58	199	eP	Pn	13 23 53.0	+1.0
HUMP	Col San Antoni	1.58	199	eP	Pn	13 23 53.0	+1.0
CPD	Cerro la Pandu	1.70	200	eP	Pn	13 23 52.7	-0.2
CPD	Cerro la Pandu	1.70	200	eP	Pn	13 23 52.7	-0.2
CPD	Cerro la Pandu	1.70	200	eP	Pn	13 23 52.7	-0.2
SJG	San Juan	1.72	207	eP	Pn	13 23 53.1	+0.1
SJG	San Juan	1.72	207	eP	Pn	13 23 53.1	+0.1
SJG	San Juan	1.72	207	eP	Pn	13 23 53.1	+0.1
SJG	San Juan	1.72	207	eP	Pn	13 23 53.1	+0.1
SJG	San Juan	1.72	207	eP	Pn	13 23 53.1	+0.1
AOPR	Arecibo Observ	1.88	227	eP	Pn	13 23 55.0	+0.2
AOPR	Arecibo Observ	1.88	227	eP	Pn	13 23 55.0	+0.2
AOPR	Arecibo Observ	1.88	227	eP	Pn	13 23 55.0	+0.2
CELP	Cerrillos	1.97	218	eP	Pn	13 23 56.8	+0.2
CELP	Cerrillos	1.97	218	eP	Pn	13 23 56.8	+0.2
CELP	Cerrillos	1.97	218	eP	Pn	13 23 56.8	+0.2
LRS	Lares	1.98	227	eP	Pn	13 23 56.8	+0.2
OBIP	Obispado Ponce	2.01	218	eP	Pn	13 24 22.0	+0.7
OBIP	Obispado Ponce	2.01	218	eP	Pn	13 24 22.0	+0.7
OBIP	Obispado Ponce	2.01	218	eP	Pn	13 24 22.0	+0.7
OBIP	Obispado Ponce	2.01	218	eP	Pn	13 24 22.0	+0.7
OBIP	Obispado Ponce	2.01	218	eP	Pn	13 24 22.0	+0.7
LSP	Las Mesas	2.23	229	eP	Pn	13 24 05.0	+0.4
LSP	Las Mesas	2.23	229	eP	Pn	13 24 05.0	+0.4
GBPR	Guánica, Bosqu	2.23	222	eP	Pn	13 24 08.0	+0.7
GBPR	Guánica, Bosqu	2.23	222	eP	Pn	13 24 08.0	+0.7
GBPR	Guánica, Bosqu	2.23	222	eP	Pn	13 24 08.0	+0.7
CRPR	Cabo Rojo, PR	2.36	226	eP	Pn	13 24 01.0	+0.3
CRPR	Cabo Rojo, PR	2.36	226	eP	Pn	13 24 01.0	+0.3
CRPR	Cabo Rojo, PR	2.36	226	eP	Pn	13 24 01.0	+0.3
DR12	Loma Peña Alta	3.94	258	eP	Pn	13 24 24.1	+0.4
DR12	Loma Peña Alta	3.94	258	eP	Pn	13 24 24.1	+0.4
SDDR	Pres de Saban	5.68	264	eP	Pn	13 24 49.1	+2.1
SDDR	Pres de Saban	5.68	264	eP	Pn	13 24 49.1	+2.1

MAARD	Diyarbakir	1.66	249	eP	Pn	13 33 43.2	-1.7
DIY	Diyarbakir				Pn	13 33 24.8	-0.3
CUKT	Cukurca	1.68	138	eP	Pn	13 33 46.9	+0.5
CUKT	Cukurca				Pn	13 33 26.4	+0.1
DYBB	Diyarbakir	1.70	252	eS	Pn	13 33 24.2	+0.3
DYBB	Diyarbakir				Pn	13 33 46.9	+0.2
MAZI	Mazidag	1.72	233	eP	Pn	13 33 25.6	+0.8
MAZI	Mazidag				Pn	13 33 25.6	+0.8
PTK	Pertek	2.22	281	eP	Pn	13 33 32.3	+0.6
PTK	Pertek				Pn	13 33 32.3	+0.6
SVRC	Sivrice-ELAZI	2.27	282	eP	Pn	13 33 20.2	-0.4
SVRC	Sivrice-ELAZI				Pn	13 33 27.7	+0.4

CSEM 13 13:38:58.2, 38°79'N, 35°74'E, h5km, MD2.8, After ISK
ISK 13 13:38:58.2, 38°79'N, 35°74'E, h5km, MD2.8
ISCJB 13 13:39:00.1, 0.7, 38°76'N, 0°05'35"E, h7km, Error
ellipse: s-maj=7.0km s-min=6.0km az=27.8
ISC 13 13:39:59.5, 1.0, 38°80'N, 0°04'35"E, h7km, n13,
0°51'18, Turkey

Code	Station Name	Δ°	AZ°	Phase ID		Time	Res
SARI	SarDiz-Kayseri	0.68	125	Op	ISC	h m s	ISC
SARI	SarDiz-Kayseri				ISC	13 39 11.8	
NIG	Nigde	1.10	232	eP	Pn	13 39 22.2	-1.3
NIG	Nigde				Pn	13 39 22.2	-1.3
KOZT	Kozan	1.32	176	eP	Pn	13 39 24.5	-0.3
KOZT	Kozan				Pn	13 39 43.4	+1.2
KOZT	Kozan	1.32	176	eP	Pn	13 39 24.5	-0.3
KOZT	Kozan				Pn	13 39 43.4	+1.2
DARE	Darende-Malaty	1.41	99	eP	Pn	13 39 25.6	-0.6
DARE	Darende-Malaty				Pn	13 39 27.7	+0.1
CUKAN	CUKAN kangal_SIVAS	1.47	69	P	Pb	13 39 27.7	+0.1
CUKAN	CUKAN kangal_SIVAS				Pb	13 39 48.2	+1.5
YAYX	Yaylak	1.48	276	eP	Pn	13 39 27.9	-0.1
YAYX	Yaylak				Pn	13 39 27.9	-0.1
CORU	Corum	1.61	329	eP	Pn	13 39 29.1	-0.6
CORU	Corum				Pn	13 39 29.1	-0.6
AYKD	Aydinkavak	1.63	147	P	Pb	13 39 29.9	0.0
AYKD	Aydinkavak				Pb	13 39 50.7	0.0

ISCJB 13 13:44:04.2, 0.6, 41°08'N, 0°05'40"E, h5km, 6km, Error
ellipse: s-maj=8.3km s-min=3.6km az=170.5
DDA 13 13:44:04.8, 41°07'N, 0°04'15"E, h7km, MD3.0
CSEM 13 13:44:04.9, 0.2, 41°05'N, 0°04'00"E, h8km, MD3.0, Error
ellipse: s-maj=5.5km s-min=2.7km az=165.0
ISC 13 13:44:05.3, 41°01'N, 0°04'68"E, h8km, MD2.9
ISC 13 13:44:04.6, 1.1, 41°07'N, 0°04'40"E, h11km, n13,
n26, 0°50'44, Turkey

Code	Station Name	Δ°	AZ°	Phase ID		Time	Res
DBAD	Bademkaya	0.68	94	Op	ISC	h m s	ISC
DBAD	Bademkaya				ISC	13 44 18.3	+0.5
DBAD	Bademkaya	0.68	94	P	Pb	13 44 18.3	+0.5
DBAD	Bademkaya				Pb	13 44 27.4	-0.6
DBOC	Borcka	0.71	67	iP	Pb	13 44 19.2	+0.1
DBOC	Borcka				Pb	13 44 26.4	-1.4
DBOC	Borcka	0.71	67	P	Pb	13 44 26.4	-1.4
DDEM	Demirkent	0.74	103	iP	Pb	13 44 19.5	-0.1
DDEM	Demirkent				Pb	13 44 28.5	-0.2
DDEM	Demirkent	0.74	103	P	Pb	13 44 19.5	-0.1
DDEM	Demirkent				Pb	13 44 28.5	-0.2
MACK	Trabzon	0.79	261	iS	Pn	13 44 32.0	+1.0
MACK	Trabzon				Pn	13 44 32.0	+1.0
MACK	Trabzon	0.79	261	P	Pb	13 44 32.0	+1.0
MACK	Trabzon				Pb	13 44 40.2	+0.6
BAYT	Ayd-tepe-Bay	0.83	217	eP	Pn	13 44 30.4	-1.2
BAYT	Ayd-tepe-Bay				Pn	13 44 30.4	-1.2
BAYT	Ayd-tepe-Bay	0.83	217	eP	Pn	13 44 30.4	-1.2
BAYT	Ayd-tepe-Bay				Pn	13 44 30.4	-1.2
DAGI	Agillare	0.84	89	P	Pb	13 44 21.3	0.0
DAGI	Agillare				Pb	13 44 21.3	0.0
KOPT	Kop Dagı	1.07	192	iP	Pb	13 44 25.0	-0.3
KOPT	Kop Dagı				Pb	13 44 40.5	-0.3
KOPT	Kop Dagı	1.07	192	P	Pb	13 44 25.0	-0.3
KOPT	Kop Dagı				Pb	13 44 40.5	-0.3
EZM	Erzurum	1.24	159	eP	Pn	13 44 28.6	+0.2
EZM	Erzurum				Pn	13 44 28.6	+0.2
ERZM	Erzurum	1.24	159	P	Pb	13 44 28.6	+0.2
ERZM	Erzurum				Pb	13 44 28.6	+0.2
HOMI	Horasan	1.32	140	P	Pb	13 44 30.5	+0.6
HOMI	Horasan				Pb	13 44 30.5	+0.6
KELT	Kelkit	1.49	233	iS	Pn	13 44 31.6	+0.1
KELT	Kelkit				Pn	13 44 31.6	+0.1
KELT	Kelkit	1.49	233	P	Pb	13 44 31.6	+0.1
KELT	Kelkit				Pb	13 44 31.6	+0.1
ESPY	Espiye-Giresun	1.57	265	eP	Pn	13 44 32.6	+0.1
ESPY	Espiye-Giresun				Pn	13 44 32.6	+0.1
ESPY	Espiye-Giresun	1.57	265	eP	Pn	13 44 32.6	+0.1
ESPY	Espiye-Giresun				Pn	13 44 32.6	+0.1
ERZP	Erzincan	1.69	209	eP	Pn	13 44 34.8	+0.6
ERZP	Erzincan				Pn	13 44 34.8	+0.6
ERZP	Erzincan	1.69	209	eP	Pn	13 44 34.8	+0.6
ERZP	Erzincan				Pn	13 44 34.8	+0.6
EATA	Eleskirt	1.77	132	P	Pb	13 44 37.2	-0.8
EATA	Eleskirt						

13d 19h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Barren Site, Albuquerque, ANMO, etc.

2010 NOV

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes sections for MAN 13, BUC 13, and AUS 13.

600

Table with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like ASF, BRTR, TOR, etc.

ISCJB 13 19:48:51.3-0.7, 11.87N:09:44.09E:0.06, h4km, mb3.7/10, MS3.5/1, Error ellipse: s-maj=14.4km, s-min=5.4km, az=151.4

IDC 13 19:48:52.0-1.1, 11.78N:44.02E, h0km, mb3.7/10, mb1 3.8/12, mb1mx3.6/44, mbtmp3.7/12, ML3.5/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/39, Error ellipse: s-maj=25.1km, s-min=14.4km, az=154.0

ARO 13 19:48:54.4, 12.1N:5.4E, h11km, 10km, ML3.8, ISC 13 19:48:53.0-0.8, 11.8N:01.44:02E:0.08, h4km, n21, c0565/22, mb3.8/10, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like OBO, MCAD, ATA, etc.

Table with columns: AKS, Akhisar, 1.19 163, ePN, Pg, 20 26 31.1 -0.6, etc. Lists stations like AKS, AKS, AKS, etc.

Table with columns: MAN 13 20:30:04, 13.63N:120.90E, h2km, mb4.5, ML3.4, MS3.3, 2D, Mindoro. Lists stations like PGP, TGY, LUBP, etc.

IDC 13 20:42:41.5-1.5, 37.09S:72.59W, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.6/35, mbtmp3.5/6, ML3.4/2, MS2.8/1, Ms1 2.8/1, ms1mx2.0/23, Error ellipse: s-maj=40.5km, s-min=19.0km, az=72.0

ISCJB 13 20:42:45.1-0.8, 37.22S:0.06:72.82W:0.09, h35km, mb3.5/4, Error ellipse: s-maj=10.1km, s-min=8.0km, az=172.3

GUC 13 20:42:49.2-0.7, 37.00S:72.85W, h38km, 3km, ML3.3, ISC 13 20:42:46.5-1.2, 37.13S:0.09:72.82W:0.07, h35km, n11, c125/16, mb3.5/4, CD, Central Chile

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

ISCJB 13 20:53:09.3-0.3, 16.0S:0.1:174.01W:0.08, h115km, mb4.6/30, Error ellipse: s-maj=16.5km, s-min=7.0km, az=147.7

BUI 13 20:53:09.7, 14.99S:174.63W, h88km, mb4.8/11, mBS.1/4, MS5.0/2, Ms7.4/5/2

IDC 13 20:53:09.2-1.7, 16.18S:173.85W, h105km, 2.3km, mb4.1/10, mb1 4.3/11, mb1mx4.0/38, mbtmp4.5/11, MS3.1/4, Ms1 3.1/4, ms1mx2.9/26, Error ellipse: s-maj=31.9km, s-min=14.3km, az=142.0

NEIC 13 20:53:10.3-1.3, 16.09S:173.87W, h111km, 11km, mb4.7/18, Error ellipse: s-maj=16.9km, s-min=6.5km, az=145.0

ISC 13 20:53:10.6-0.5, 15.9S:0.1:174.01W:0.08, h115km, n64, c1556/66, mb4.6/30, Tonga Islands

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

Table with columns: YUH, YUH, YUH, etc. Lists stations like YUH, BELC, YBH, etc.

Table with columns: HHC, HHC, HHC, etc. Lists stations like HHC, HHC, HHC, etc.

NIED 13 20:56:00.23:00N:121.30E, h20km, Mw3.8 Best double couple: M6.4000:1014 NP1:171.00000:838.00000, 1.62.00000. NP2:26.00000:857.00000, 1.11.00000

ISCJB 13 20:59:38.0-0.3, 23.01N:121.46E:0.02, h20km, 3km, mb3.5/7, MS3.2/2, Error ellipse: s-maj=3.3km, s-min=2.7km, az=159.0

JMA 13 20:59:37.0-2.2, 23.05N:121.34E, h22km, 5km, M3.7, TAP 13 20:59:38.0, 23.06N:121.34E, h21km, ML4.1, B

IDC 13 20:59:38.0-5.1, 22.97N:121.45E, h138km, 50km, mb3.2/7, mb1 3.9/9, mb1mx3.1/40, mbtmp3.6/9, MS3.0/4, Ms1 3.1/4, ms1mx2.8/15, Error ellipse: s-maj=25.7km, s-min=15.9km, az=67.0

ISC 13 20:59:38.4-0.9, 23.03N:0.02:121.42E:0.02, h19km, 2km, n95, c101/126, mb3.4/7, 27C-2D, Taiwan

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

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

Main 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.

13d 22h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Denizli, Cakirolok, Karahalli, Kula-Manisa, Manisa, Suhut-Afyon, Zeytinokoy-Aydi, Demirci, Dalyan (Mu'la).

JMA 13 22:17:55.8-0.1,23.75N;121.69E,h35km,2km,ML2.9
TAP 13 22:17:56.7,23.78N;121.66E,h41km,ML3.4,B
ISCJP 13 22:17:57.0,23.78N;121.72E;0.02,121.72E;0.02,h36km,7km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Jichi Village, Shouteng Towns, Hwalien, Shiin, Chiawan, Hungye, Heluan Shan, Yuli, Nanau, Tachien, Nan Shan, Chengkung, Sun Moon Lake, Yu-Shan, Yuchr, Suao, Lidau, Alishan, Nioudou, Mingjian, Neicheng, Tsauling, Sanguang, Taichung, Liyuan, Gukung, Tauiyuan, Sanyi, Tsaushan, Pinlang, Ta-pu, Minshiang, Chiayi, Mueha, Hsinying, Nanshi, Jiashiang.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Wu-fen Shan, Ta-ch'eng, Yonagunijimaku, Taimali, Yonaguni jima, Sandimen, Shoushan, Anshuo, Fangliu, Irirote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Shigakijimahi, Tarama, Kinmen, Irabujima.

CSEM 13 22:24:06.9,0.7,51.61N;15.99E,h2km,ML2.6/4,Error
ellip: s-maj=10.5km s-min=6.6km az=8.0
PRU 13 22:24:08.3,51.58N;16.03E,h0km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ksiaz, Upsice, Dobruska-Polom, Panska Ves, Berggiesshubel, Kraliky, GO Pecny, Ondr, Pruhonice, Collin, Moravsky Berou, Kasperske Hory.

MOS 13 22:30:36.7,1.9,55.82N;113.80E,h8km,mb4.2/1,Error
ellip: s-maj=31.0km s-min=18.8km az=78.7
BYKL 13 22:30:36.4,0.3,55.75N;113.95E

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Uakit, Severomuyksk, Uoyan, Nelyaty, Kumora, Ulyunkhan.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Bodabo, Nizh Angarsk, Chara, Ongureny, Yuktal, Tyrgan, Ulan-Yde, Khuramsha, Khapcheranga, Talaya, Arshan, Monday, Orlik.

IDC 13 22:38:56.2,7.2,21.60N;143.61E,h309km,76km,mb3.0/8,
mb1.31/9,mb1mx2.9/46,mbtmp3.6/9,Error ellip:
s-maj=33.5km s-min=12.9km az=86.0,Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Matsushiro Arr, Songo Array, Warramunga Arr, Fitzroy Crossi, Alice Springs, Zalesovo Beam, Kurbatov Arra, Gielson Array, FINESS Array B.

GUC 13 22:39:25.2,0.5,35.66S;73.41W,h44km,3km,ML4.0,4C,
Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cobquecura, Chillan, Talca, Los Niches, Rinconada Maip, Cerro Calan, Peldehue.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like San Andong, Otrp, Guinayangon.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Baf-kesir, Marmara Adasi, Edincik, Bantirama, etc.

IDC 14 03:40:31.7, 3.7, 21.66S, 177.83W, h421km, 39km, mb3.1/6, mb1 3.4/8, mb1mx3.2/28, mbtmp4.1/8, Error ellipse: s-maj=24.7km s-min=21.7km az=121.0

ISC 14 03:40:29.9, 0.8, 21.61S, 177.7W, h400km, n15, r1515/16, mb3.3/6, Fijian Islands region

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

KRSC 14 04:26:55.1, 0.5, 32.21N, 157.27E, h290km, 8km, ML3.8, Kamchatka Peninsula

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

Table with columns: ESO, Esso, 2.84, 16, eP, Pn, 04 27 19.9, +1.0, KBR, Krutoberegovo, 4.40, 45, eP, Pn, 04 27 35.9, +0.4

TUN 14 04:32:20.2, 35.06N, 9.66E, h69km, MD3.5 CSEEM 14 04:32:20.2, 35.06N, 9.66E, h69km, MD3.5, After SBS ISCJB 14 04:32:27.9, 0.8, 35.02N, 0.06, 9.62E, 0.08, h10km, Error ellipse: s-maj=9.7km s-min=8.6km az=42.2

ISC 14 04:32:25.0, 1.2, 35.00N, 0.06, 9.68E, 0.06, h10km, n10, r1496/9, Tunisia

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

WEL 14 04:34:20.6, 0.1, 43.62S, 172.41E, h5km, ML3.6/16, 4C-1D, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

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

IDC 14 04:39:04.3, 7.6, 17.89S, 178.77W, h638km, 94km, mb2.8/6, mb1 3.2/6, mb1mx3.0/21, mbtmp3.8/6, Error ellipse: s-maj=1.8km s-min=3.4km az=149.0, Fiji Islands region

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

ISK 14 04:44:54.7, 38.79N, 27.87E, h4km, MD2.4 ISCJB 14 04:44:55.4, 0.7, 38.79N, 27.82E, 0.06, h5km, 5km, Error ellipse: s-maj=7.8km s-min=4.2km az=159.1

DDA 14 04:44:55.5, 38.81N, 27.85E, h4km, MD2.6 CSEEM 14 04:44:55.6, 0.2, 38.80N, 27.81E, h2km, MD2.6, Error ellipse: s-maj=5.4km s-min=3.1km az=74.0

ISC 14 04:45:7.1, 0.3, 38.81N, 27.86E, 0.04, h5km, 8km, n18, r0537/32, Turkey

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

Table with columns: DURS, Dursunbey, 0.93, 31, P, S, Pb, 04 45 14.1, -0.2, Balya, 0.95, 349, iP, S, Sg, 04 45 13.9, 0.0, etc.

JMA 14 04:58:13.3, 0.2, 43.91N, 148.11E, h36km, M3.4 SKHL 14 04:58:14.1, 0.3, 44.28N, 148.01E, h33km, 2km, mb4.2/3

ISC 14 04:58:14.0, 4.0, 44.15N, 0.09, 148.11E, 0.2, h35km, n10, r1505/17, ID, Kuril Islands

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

BUJ 14 04:59:45.0, 63.20N, 150.50W, h128km, mb5.0/45, mb4.9/29

ISCJB 14 04:59:47.5, 0.1, 63.26N, 0.01, 150.70W, 0.03, h131km, 1km, mb4.7/187, Error ellipse: s-maj=2.9km s-min=1.8km az=33.3

NEIC 14 04:59:48.9, 63.20N, 150.58W, h131km, mb4.8/126, MW4.6 Best double couple: NP1s=115.00000, s40.00000, A20.00000, NP2s=9.00000, s77.00000, 128.00000. Principal axes: T 1.0700, Plg4.0000, Azm31.0000, N 0.0000, Plg3.0000, Azm180.0000, P -1.0700, Plg23.0000, Azm71.0000, After AIC.

NEIC Felt [III] at Talkeetna and Willow and [II] at Eagle River. Also felt at Anchorage, Cantwell, Chugiak, Elmendorf AFB, Girdwood, Indian, Palmer, Skwentna, Trapper Creek and Tassila.

MOS 14 04:59:49.1, 1.0, 63.40N, 150.69W, h142km, mb4.9/51 Error ellipse: s-maj=14.6km s-min=5.8km az=95.1

IDC 14 04:59:49.5, 0.6, 63.40N, 150.70W, h131km, 5km, mb4.3/37, mb1 4.4/2, ms1mx2.9/42, mbtmp4.7/42, MS3.3/7, Ms1 3.3/7, ms1mx2.9/42, Error ellipse: s-maj=8.4km s-min=6.7km az=34.0

ISC 14 04:59:49.1, 0.3, 63.24N, 0.03, 150.66W, 0.03, h133km, 2km, h132km: p-P, n935, r1507/1033, mb4.8/189, 29C-12D, Central Alaska

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

COLA College, 2.05, 36, iP, Pn, 05 00 23.4, -0.4

COLA College, 2.05, 36, P, S, Pn, 05 00 23.5, -0.4

SCM Sheep Creek Mo, 2.09, 131, P, Pn, 05 00 23.0, -1.5

FKB Fire Island, 2.10, 174, P, Pn, 05 00 24.0, -1.2

IKN Knik Glacier, 2.10, 150, P, Pn, 05 00 23.3, -1.2

ECL Barrier Glacie, 2.14, 203, P, Pn, 05 00 24.8, -0.3

CHK Chakachata No, 2.15, 200, P, Pn, 05 00 24.7, -0.7

PS08 TAPS Pump Stn8, 2.15, 51, P, Pn, 05 00 24.2, -1.2

SPU Mount Spurr, 2.17, 198, ePn, Pn, 05 00 24.1, -1.2

CKL Chakachata No, 2.20, 202, P, Pn, 05 00 25.1, -0.6

RC01 Rabbt Creek A, 2.20, 168, P, Pn, 05 00 24.2, -1.5

C32A	Crookston	33.12	92	P	P	05 06 11.5	-0.6	H34A	Spellman Lake,	35.86	95	P	P	05 06 34.7	-1.0	baz=38	W18A	Petrified Fore	37.72	119	eP	P	05 06 52.8	+1.1
F29A	Eureka	33.13	97	P	P	05 06 11.1	-1.2	I33A	Coleman	35.88	96	P	P	05 06 34.8	-1.1	comp=Z,24nm,1.1s	N32A	Stuken Farm,	37.82	101	P	P	05 06 52.9	+0.5
D31A	Mcclellan, Tow	33.16	94	P	P	05 06 12.3	-0.2	E37A	Wrenshall	35.93	90	P	P	05 06 34.8	-1.4	baz=38	O31A	Woolen Ranch,	37.87	103	P	P	05 06 53.5	+0.7
I26A	New Underwood	33.19	102	P	P	05 06 11.9	-0.9	J32A	Parkston	35.94	98	P	P	05 06 35.6	-0.8	baz=38	I38A	Scanlan Farm,	37.90	92	P	P	05 06 53.5	+0.6
B33A	Robert and Kas	33.22	90	P	P	05 06 12.2	-0.7	M28A	Bar X Bar Ranch	35.95	104	P	P	05 06 35.2	-1.4	comp=Z,13nm,1.0s	SFJD	Kangerlussuaq	37.92	39	iP	P	05 06 51.7	-1.1
J25A	Sunshine Ranch	33.28	104	P	P	05 06 13.0	-0.7	F36A	Milaca	35.96	91	P	P	05 06 35.7	-0.8	comp=Z,13nm,1.0s	SFJD	Kangerlussuaq	37.92	39	iP	P	05 06 51.7	-1.1
D32A	Dogwood Acres,	33.41	93	P	P	05 06 14.1	-0.6	OGNE	Ogallala	36.03	105	P	P	05 06 36.3	-0.9	comp=Z,13nm,1.0s	J37A	Redenius Farm,	37.92	94	P	P	05 06 53.0	-0.1
E31A	Nome	33.45	95	P	P	05 06 14.6	-0.4	OGNE	Ogallala	36.03	105	eP	P	05 06 38.3	+1.1	baz=38	P30A	Selden	37.96	104	P	P	05 06 54.5	+0.9
B34A	Aery, Baudette	33.48	89	P	P	05 06 14.2	-1.0	ECSD	EROS Data Cent	36.21	97	P	P	05 06 37.7	-1.0	baz=38,SNR=9.6	L35A	Blelow Farm,	37.97	97	P	P	05 06 53.7	+0.1
H28A	Mission Ridge	33.50	100	P	P	05 06 14.7	-0.8	ECSD	EROS Data Cent	36.21	97	eP	P	05 06 39.1	+0.4	baz=38	M34A	Aspy Farms, Fr	37.99	99	P	P	05 06 54.0	+0.3
C33A	Trail	33.51	91	P	P	05 06 14.5	-1.0	ECSD	EROS Data Cent	36.21	97	eP	P	05 07 08.0	+0.3	baz=38	K36A	Gilmore City	38.04	96	P	P	05 06 54.6	+0.5
I27A	Quinn	33.51	102	P	P	05 06 14.8	-0.8	M29A	Burnside Ranch	36.21	103	P	P	05 06 38.7	-1.1	baz=38	T25A	Trinidad	38.17	111	P	P	05 06 56.4	+0.8
P17A	Butcher Ranch,	33.56	116	eP	P	05 06 18.0	+1.8	L30A	Spencer Herefo	36.23	101	P	P	05 06 39.9	+0.9	baz=38	T25A	Trinidad	38.17	111	eP	P	05 06 57.0	+1.4
VES	Vestal, Richgr	33.58	130	P	P	05 06 15.5	-0.6	H35A	Sunnyside Ranc	36.26	94	P	P	05 06 39.4	+0.3	comp=Z,6.5nm,1.0s	Q29A	Oakley	38.18	106	P	P	05 06 56.1	+0.7
G29A	Hoven	33.58	98	P	P	05 06 15.3	-0.9	MURC	Murrieta	36.26	129	P	P	05 06 39.7	+0.5	baz=38,SNR=7.9	N33A	J Bar K, Exete	38.22	100	P	P	05 06 56.1	+0.4
P18A	Preston Nutter	33.63	115	eP	P	05 06 19.1	+2.1	134C	Hadley	36.31	96	P	P	05 06 39.7	+0.2	comp=Z,13nm,1.0s	R28A	Tribune	38.27	107	P	P	05 06 57.3	+1.1
J26A	Sides Ranch, S	33.66	104	P	P	05 06 17.9	+1.0	Q24A	Divide	36.32	110	P	P	05 06 41.5	+1.4	baz=38,SNR=22	K37A	Belmond	38.31	95	P	P	05 06 56.8	+0.5
DAC	Darwin (Calif)	33.71	127	eP	P	05 06 19.3	+1.7	Q24A	Divide	36.32	110	eP	P	05 06 41.5	+1.4	comp=Z,6.5nm,0.8s	P31A	Stockton	38.36	103	P	P	05 06 57.5	+0.6
SMMC	Simmler	33.74	131	P	P	05 06 17.0	-0.7	BELC	Belle Mtn. Jos	36.33	127	P	P	05 06 39.4	-0.6	baz=38,SNR=7.2	L36A	Harm Buss Farm	38.37	96	P	P	05 06 57.4	+0.5
MSU	Marysvalde	33.81	119	eP	P	05 06 20.5	+2.1	G36A	St Michael	36.33	92	P	P	05 06 40.0	+0.6	baz=38	J38A	Wed Dairy, R	38.40	93	P	P	05 06 58.0	+0.9
FURC	Furnace Creek,	33.81	126	P	P	05 06 17.5	-0.6	J33A	Davis	36.37	97	P	P	05 06 40.6	+0.5	baz=38	M35A	Neola	38.42	98	P	P	05 06 57.6	+0.3
F31A	Hecla	33.82	96	P	P	05 06 17.3	-0.9	MVCO	Mesa Verde	36.41	115	P	P	05 06 41.6	+0.9	baz=38	Q30A	Quintero	38.44	105	P	P	05 06 58.5	+0.9
H29A	Onida	33.90	99	P	P	05 06 18.1	-0.8	MVCO	Mesa Verde	36.41	115	eP	P	05 06 41.9	+1.2	comp=Z,6.5nm,0.8s	R29A	Marienthal	38.49	106	P	P	05 06 59.3	+1.2
D33A	Ann-Sam, Waubun	33.94	92	P	P	05 06 18.5	-0.7	L31A	Butterfield Fa	36.44	100	P	P	05 06 41.5	+0.8	baz=38,SNR=6.9	N34A	Lincoln	38.56	99	P	P	05 06 58.9	+0.4
MPMC	Manual Prospec	33.95	127	P	P	05 06 19.5	-0.1	K32A	Verdigre	36.45	99	P	P	05 06 40.6	-0.1	comp=Z,6.5nm,0.8s	SPA1	Spitsbergen Ar	38.59	4	eP	P	05 06 58.9	+0.6
ISA	Isabella	33.95	129	P	P	05 06 19.0	-0.5	N28A	Pribbeno Ranch	36.45	105	P	P	05 06 42.2	+1.3	baz=38,SNR=8.3	SPB1	Spitsbergen Ar	38.59	4	eP	P	05 06 58.7	+0.4
ISA	Isabella	33.95	129	eP	P	05 06 20.6	+1.1	IRM	Iron Mountain	36.49	126	P	P	05 06 42.9	+1.6	baz=38,SNR=10	SPA0	Spitsbergen Ar	38.60	4	eP	P	05 06 59.0	+0.6
I28A	Midland	33.96	101	P	P	05 06 19.6	+0.1	M30A	Dale-Ortello V	36.50	102	P	P	05 06 42.5	+1.3	comp=Z,6.5nm,0.4s,baz=1.5,slow=7.0,SNR=150	SP1T5	Spitsbergen Ar	38.60	4	eP	P	05 06 58.3	-0.1
SRU	San Rafael	33.96	116	eP	P	05 06 21.5	+1.8	PFO	Pinyon Flat Ob	36.52	128	P	P	05 06 42.5	+0.9	comp=Z,2.1nm,0.9s	SP1T5	Spitsbergen Ar	38.60	4	eP	P	05 06 58.3	-0.1
C34A	RKJ Ranch, Bem	33.98	91	P	P	05 06 20.1	+0.6	PFO	Pinyon Flat Ob	36.52	128	P	P	05 07 11.1	+0.4	comp=Z,7.8nm,1.0s,baz=326,slow=3.2,SNR=9.5	SPB2	Spitsbergen Ar	38.60	4	eP	P	05 06 58.7	+0.3
G30A	Faulkton	33.98	98	P	P	05 06 20.4	+0.8	PFO	Pinyon Flat Ob	36.52	128	P	P	05 06 42.5	+0.9	comp=Z,3.1nm,0.9s,baz=311,slow=6.3,SNR=3.5	P32A	Hutting Farm,	38.62	103	P	P	05 06 59.4	+0.4
B35A	Bob, Littlelor	33.99	89	P	P	05 06 18.7	-0.9	PFO	Pinyon Flat Ob	36.52	128	P	P	05 07 11.1	+0.4	comp=Z,8.0nm,1.0s	O33A	Hebron	38.70	101	P	P	05 06 59.8	+0.1
O20A	White River Ci	34.04	112	P	P	05 06 19.7	-0.6	PFO	Pinyon Flat Ob	36.52	128	P	P	05 06 42.5	+0.9	comp=Z,4.0nm,0.9s	Q31A	Ellis	38.78	104	P	P	05 07 01.3	+1.0
O20A	White River Ci	34.04	112	eP	P	05 06 21.3	+1.0	PFO	Pinyon Flat Ob	36.52	128	P	P	05 06 42.4	+0.9	baz=38,SNR=10.0	CBK5	Cedar Bluff	38.78	104	P	P	05 07 01.5	+1.1
Q20A	Cedar City	34.17	121	eP	P	05 06 23.3	+1.7	PFO	Pinyon Flat Ob	36.52	128	P	P	05 07 11.5	+0.9	comp=Z,2.1nm,0.8s	CBK5	Cedar Bluff	38.78	104	eP	P	05 07 01.6	+1.1
J27A	Elkhorn Farm,	34.18	102	P	P	05 06 21.9	+0.5	PFO	Pinyon Flat Ob	36.52	128	eP	P	05 06 42.8	+1.3	comp=Z,1.1nm,0.8s	K38A	Parkersburg	38.79	94	P	P	05 07 00.6	+0.2
D34A	Park Rapids	34.27	92	P	P	05 06 21.7	-0.4	PFO	Pinyon Flat Ob	36.52	128	eP	P	05 07 11.5	+0.9	baz=38,SNR=14	M36A	Felix, Anita	38.83	97	P	P	05 07 00.7	0.0
F32A	Veblen	34.32	95	P	P	05 06 21.7	-0.8	PFO	Pinyon Flat Ob	36.52	128	eP	P	05 06 42.8	+1.3	comp=Z,2.1nm,0.6s	S28A	Manter	38.86	108	P	P	05 07 02.5	+1.3
I29A	Vivian Onida	34.33	100	P	P	05 06 21.4	-1.2	S22A	4UR Ranch, Cre	36.64	113	P	P	05 06 44.6	+1.9	baz=38,SNR=11	N35A	Tabor	38.93	98	P	P	05 07 02.4	+0.9
G31A	Conde	34.33	96	P	P	05 06 21.4	-1.2	S22A	4UR Ranch, Cre	36.64	113	eP	P	05 06 44.9	+2.1	comp=Z,4.0nm,0.8s	R30A	Digiton	38.99	105	P	P	05 07 03.4	+1.3
E33A	Westby DABS, E	34.35	93	P	P	05 06 21.7	-1.0	WUAZ	Wupatki	36.73	120	P	P	05 06 45.5	+2.2	baz=38,SNR=20	O34A	Beatrice	39.01	100	P	P	05 07 02.4	+0.2
C35A	Jirik Farms, M	34.37	90	P	P	05 06 21.7	-1.2	WUAZ	Wupatki	36.73	120	eP	P	05 06 45.1	+1.8	comp=Z,4.0nm,0.8s	L38A	Oak Wood Farm,	39.11	95	P	P	05 07 03.7	+0.7
N23A	Red Feather La	34.38	109	P	P	05 06 22.4	-0.9	N29A	Votaw Ranch, W	36.75	104	P	P	05 06 44.6	+1.3	baz=38,SNR=11	Q32A	Mettler Ranch,	39.16	103	P	P	05 07 04.1	+0.6
N23A	Red Feather La	34.38	109	eP	P	05 06 24.8	+1.5	H36A	Jessenland, He	36.76	93	P	P	05 06 44.6	+1.3	comp=Z,4.0nm,0.8s	P33A	Williams Farm,	39.17	102	P	P	05 07 04.1	+0.5
N23A	Red Feather La	34.38	109	eP	P	05 06 54.2	+1.9	SPMN	St. Paul	36.77	91	P	P	05 06 43.8	+0.5	baz=38,SNR=5.7	S29A	Ulysses	39.17	107	P	P	05 07 04.7	+1.0
J28A	Allard Ranch,	34.38	101	P	P	05 06 22.6	-0.5	SPMN	St. Paul	36.77	91	eP	P	05 06 44.6	+1.2	comp=Z,2.6nm,0.9s	ANMO	Albuquerque	39.19	115	P	P	05 07 05.9	+1.8
LRMC	Laurel Mountai	34.40	128	P	P	05 06 22.8	-0.5	SPMN	St. Paul	36.77	91	eP	P	05 07 13.8	+1.2	comp=Z,5.8nm,0.7s,baz=302,slow=9.1,SNR=26	ANMO	Albuquerque	39.19	115	eP	P	05 07 05.4	+1.3
SHPR	Sheep Range	34.41	124	eP	P	05 06 24.4	+0.9	O28A	Krutsinger Ran	36.81	105	eP	P	05 06 42.8	-1.2	comp=Z,1.6nm,1.5s	ANMO	Albuquerque	39.19	115	eP	P	05 07 05.6	+1.5
YAK	Yakutsk	34.44	305	P	P	05 06 22.8	-0.5	BC3	Big Chuckawall	36.84	127	P	P	05 06 43.5	-0.7	comp=Z,6.1nm,0.8s	ANMO	Albuquerque	39.19	115	eP	P	05 07 05.6	+1.5
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	I35A	Creekview Farm	36.84	95	P	P	05 06 43.1	-1.0	comp=Z,8.1nm,0.7s	M37A	Trindle Farm,	39.20	96	P	P	05 07 04.2	+0.4
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	J34A	George	36.85	96	P	P	05 06 43.0	-1.1	baz=38,SNR=13	R31A	Burdett	39.31	105	P	P	05 07 05.5	+0.7
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	SUMG	Summit	36.92	98	P	P	05 06 43.7	-1.1	comp=Z,5.9nm,0.7s	214A	Organ Pipe Nat	39.33	125	P	P	05 07 06.5	+1.5
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	SUMG	Summit	36.92	98	iP	P	05 06 45.7	+0.2	baz=38,SNR=5.9	LAZ	Ladron	39.39	116	eP	P	05 07 07.7	+2.0
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	SUMG	Summit	36.92	98	iP	P	05 06 45.7	+0.2	comp=Z,1.1nm,0.8s	YSS	Yuzh-Sakhalins	39.39	278	eP	P	05 07 07.5	+0.2
YAK	Yakutsk	34.44	305	eP	P	05 06 22.7	-0.6	SUMG	Summit	36.92	98	iP	P	05 06 45.7	+0.2	comp=Z,1.1nm,0.8s	YSS	Yuzh-Sakhalins	39.39	278	eP	P	05 07 07.5	+

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like GSI, KLU, EKS2, BRVK, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SMDO, DGRG, NCK, JMDO, HOQ, M04C, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like P17A, BAR, ERI, MONP, TLB, P18A, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PKSM Moray, K29A Lazy Trails An, J30A Dallas, etc.

ISCJTB 14 06:16:40.3:0.5, 30.81S:0.05:65.46W:0.06, h178km, mb3.4/5, Error ellipse: s-maj=7.8km s-min=5.5km az=36.2

IDC 14 06:16:40.2:1.3, 30.80S:65.39W, h176km, 12km, mb3.2/5, mb1.3/4.0, mb1mx3.2/3.6, mbtmp3.7/10, Error ellipse: s-maj=19.8km s-min=12.9km az=120.0

SJA 14 06:16:42.4:0.6, 30.84S:65.54W, h172km, 7km, ML3.0

ISC 14 06:16:40.6:0.7, 30.82S:0.06:65.46W:0.06, h178km, n20, r132/28, mb3.3/5, Cordoba Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TCA Tanti, MRA San Martin, AACL CERRO LA CRUZ, etc.

IDC 14 06:21:03.6:1.4, 43.38S:172.43E, h0km, mb3.8/3, mb1.4/0.4, mb1mx3.8/2.8, mbtmp3.8/4.1, ML3.5/1, MS3.2/2, Ms1.3/3.2, ms1mx3.2/1.8, Error ellipse: s-maj=43.9km s-min=12.8km az=155.0

ISCJTB 14 06:21:04.3:0.3, 43.61S:0.103:172.52E:0.04, h25km, 3km, mb3.8/3, MS3.3/1, Error ellipse: s-maj=6.0km s-min=3.2km az=141.0

BJI 14 06:21:05.9:43.38S:172.69E, h11km, mb5.4/10, mb5.4/1, Ms5.1/3, Ms7.5/0.3

NEIC 14 06:21:05.4, 43.60S:172.41E, h8km, ML4.8(WEL), After

WEL NEIC Felt [V] at Rolleston and [IV] at Christchurch. Felt in much of Canterbury.

WEL 14 06:21:05.4:0.1, 43.60S:172.41E, h8km, 1km, ML4.8/5.0, Error ellipse: s-maj=1.2km s-min=1.0km az=0.0

WEL Felt from Canterbury to Otago, maximum reported intensity MM 8.

ISC 14 06:21:05.1:0.8, 43.53S:0.04:172.45E:0.03, h14km, 6km, n103, r131/99, mb3.8/3, 7-4D, South Island

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, OXF Oxford, WVV Waitaha Valley, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SYZ, PRWZ Port Road, POWZ Post Office Ro, WHZ Wether Hill Ro, etc.

GUC 14 06:27:17.7:0.5, 20.01S:69.20W, h104km, 5km, ML3.8, 1C-4D, Northern Chile

IDC 14 06:29:23.6:0.8, 11.85N:44.03E, h0km, mb4.3/19, mb1.4/4.2/1, mb1mx4.2/4.5, mbtmp4.2/2.1, ML3.5/2, Error ellipse: s-maj=17.7km s-min=14.7km az=160.0

ISCJTB 14 06:29:23.2:0.5, 11.90N:0.06:43.96E:0.04, h4km, mb4.5/4.6, MS4.9/1, Error ellipse: s-maj=8.9km s-min=4.8km az=163.7

CSEM 14 06:29:25.0:0.2, 11.88N:44.05E, h10km, mb4.5/18, Error ellipse: s-maj=9.7km s-min=7.0km az=152.0

MOS 14 06:29:25.7:1.1, 12.15N:44.09E, h10km, mb4.7/28, Error ellipse: s-maj=14.2km s-min=5.5km az=100.7

NEIC 14 06:29:25.1:0.5, 11.86N:44.02E, h10km, mb4.6/12, Error ellipse: s-maj=9.4km s-min=7.7km az=141.0

BUJ 14 06:29:27.5:12.56N:43.74E, h18km, mb4.7/16, mb4.8/1, Ms5.1/5, Ms7.4/9.4

OMAN 14 06:29:34.0:2.7, 12.28N:44.69E, h0km, Error ellipse: s-maj=53.5km s-min=27.1km az=158.0

ISC 14 06:29:25.2:0.5, 11.93N:0.07:43.96E:0.06, h4km, n227,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, RAYN Ar Rayn, KMBO Kilima Mbogo, etc.

Table with columns: VRH, comp, E, Az, pmax, pmax, Time Res, ISC, h m s, ISC. Rows include stations like VRH Novokhopovorsk, VSR Storozhevo, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like MK01 Makanchi Array, MKAR Makanchi Array, BRTR Keskin Array, etc.

14d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jabal al Asfar, Keskin Array B, Khabaz, etc.

ISCJB 14 06:32:28.0.0.2, 11.93N, 0.02, 44.00E, 0.02, h8km, mb5.1/151, MS5.1/164, Error ellipse: s-maj=3.3km s-min=2.4km az=16.0

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

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

2010 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Varamin, Iran Long-Peri, Prodhromos, etc.

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

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like TIR, ISR, TIP, PALK, LGHD, PVM, Muntele Rosu, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like KSH, AB31, ABKAR, AKTO, AKASG, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like PKI, STHS, VYHS, GUN, LANS, etc.

14d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GEC2, GERES, GORGA, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Gorka Kiasztor, SPAK, SVE, etc.

622

Table with columns for station name, frequency, power, and other technical details. Includes stations like ES19, ES29, ESDC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, MLR Muntele Rosu, AAK Ala-Archa, AKASG Malin Arr, etc.

ISCJB 14 06:49:49.2,0.7, 11.9N;0.1:44.06E;0.08, h4km, mb4.0/12, MS4.9/1, Error ellipse: s-maj=19.7km s-min=8.9km az=157.8

IDC 14 06:49:50.2,1.0, 11.86N;44.10E, h0km, mb4.0/12, mb1 4.2/12, mb1mx3.8/52, mbtmp4.0/12, MS4.9/1, Ms1 4.9/1, ms1mx3.5/47, Error ellipse: s-maj=25.5km s-min=17.8km az=173.0

ISC 14 06:49:50.7,0.9, 11.88N;0.2:44.06E;0.09, h4km, n14, c075/14, mb4.2/12, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, MML Mount Meron Ar, BRTR Keskin Array B, etc.

ISCJB 14 06:51:01.8, 1.8, 12.12N;0.3:44.1E;0.2, h4km, mb3.9/7, Error ellipse: s-maj=6.6km s-min=3.3km az=171.0

IDC 14 06:51:02.9, 1.4, 12.00N;44.10E, h0km, mb3.9/7, mb1 3.9/7, mb1mx3.5/51, mbtmp3.9/7, Error ellipse: s-maj=51.3km s-min=25.7km az=171.0

ISC 14 06:51:03.5, 1.9, 12.02N;0.3:44.1E;0.2, h4km, n7, c137/17, mb4.0/7, Western Arabian Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, MLR Muntele Rosu, TORDD Torodi Ar. Bea, etc.

IDC 14 06:52:04.4, 2.2, 12.06N;44.06E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/50, mbtmp3.7/4, Error ellipse: s-maj=56.7km s-min=23.1km az=146.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, BRTR Keskin Array B, TORDD Torodi Ar. Bea, etc.

NEIC 14 06:52:34.5, 19.47N;65.32W, h112km, MD3.4 (RSPR), After RSPR

RSPR 14 06:52:34.5, 19.47N;65.32W, h112km, 7km, MD3.4/6

ISC 14 06:52:34.9, 2.5, 19.5N;0.1:65.39E;0.07, h16km, n25, c0960/37, 11C-2D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like STVI Saint Thomas, ATD Arta Tunnel, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, SDDR Presa de Saban, etc.

IDC 14 06:52:38.1, 2.7, 11.76N;44.14E, h0km, mb3.8/6, mb1 3.8/6, mb1mx3.5/48, mbtmp3.8/6, Error ellipse: s-maj=77.0km s-min=22.6km az=156.0, Western Gulf of Aden

ISCJB 14 06:52:57.4, 1.8, 11.5N;0.2:44.11E;0.09, h10km, mb4.1/13, Error ellipse: s-maj=33.7km s-min=9.6km az=166.5

IDC 14 06:52:58.2, 3.2, 3.1, 11.65N;44.06E, h0km, mb4.2/13, mb1 4.3/13, mb1mx3.9/48, mbtmp4.2/13, Error ellipse: s-maj=46.9km s-min=24.2km az=172.0

ISC 14 06:52:59.5, 2.3, 11.6N;0.3:44.1E;0.1, h10km, n28, c088/28, mb4.4/13, 4C-8B, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, MML Mount Meron Ar, BRTR Keskin Array B, etc.

ISCJB 14 06:54:31.7, 0.7, 11.68N;0.09:44.17E;0.06, h10km, mb4.3/25, Error ellipse: s-maj=13.6km s-min=8.0km az=166.6

IDC 14 06:54:32.0, 0.9, 11.83N;44.09E, h0km, mb4.3/21, mb1 4.4/21, mb1mx4.2/46, mbtmp4.3/21, Error ellipse: s-maj=21.2km s-min=14.3km az=168.0

NEIC 14 06:54:33.0, 5.0, 6.1, 11.82N;44.08E, h10km, mb4.3/3, Error ellipse: s-maj=13.5km s-min=9.7km az=159.0

CSEM 14 06:54:35.1, 0.5, 11.91N;44.33E, h10km, mb4.3, Error ellipse: s-maj=22.0km s-min=14.5km az=24.0

BUI 14 06:54:36.8, 12.10N;44.20E, h30km, mb4.7/8, MB4.8/1

ISC 14 06:54:37.4, 0.8, 11.3N;0.1:44.05E;0.08, h10km, n72, c1942/56, mb4.3/25, 21C-3D, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, etc.

ISCJB 14 06:58:19.1, 1.0, 11.80N;44.14E, h0km, mb4.1/20, mb1 4.2/20, mb1mx4.0/44, mbtmp4.1/20, Error ellipse: s-maj=21.9km s-min=15.7km az=179.0

NEIC 14 06:58:20.3, 0.8, 11.68N;44.12E, h10km, mb4.2/1, Error ellipse: s-maj=16.2km s-min=13.2km az=171.0

CSEM 14 06:58:20.9, 0.5, 11.64N;44.17E, h10km, mb4.2, Error ellipse: s-maj=18.6km s-min=13.4km az=176.0

ISC 14 06:58:20.3, 1.0, 11.3N;0.1:44.14E;0.07, h10km, n66, c1847/68, mb4.2/25, 23C-4D, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like VYHS Vyhne, VYHS Vyhne, VRAC Vranov, etc.

ISCJB 14 06:54:52.9, 50N;125.66E, h8km, mb4.0, ML2.7, MS2.4, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SCPH Surigao, SCPH Surigao, BUTP Butuan, etc.

IDC 14 06:56:44.6, 2.2, 11.93N;44.11E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.5/43, mbtmp3.9/5, Error ellipse: s-maj=56.9km s-min=30.0km az=177.0, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, TORDD Torodi Ar. Bea, KURBB Kurchatov Arr, etc.

ISCJB 14 06:57:22.4, 2.1, 11.77N;0.3:44.3E;0.2, h4km, mb3.8/9, Error ellipse: s-maj=45.3km s-min=22.0km az=169.1

IDC 14 06:57:23.9, 2.4, 11.76N;44.21E, h0km, MB3.8/9, mb1 3.9/9, mb1mx3.6/44, mbtmp3.8/9, MS4.3/1, Ms1 4.3/1, ms1mx3.5/51, Error ellipse: s-maj=54.7km s-min=25.6km az=167.0

ISC 14 06:57:24.6, 2.2, 11.3N;0.4:44.2E;0.2, h4km, n10, c097/9, mb3.9/9, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like EIL Elat, MML Mount Meron Ar, BRTR Keskin Array B, etc.

ISCJB 14 06:58:19.1, 0.7, 11.77N;0.1:44.23E;0.06, h10km, mb4.1/22, Error ellipse: s-maj=14.7km s-min=7.9km az=168.5

IDC 14 06:58:19.1, 1.0, 11.80N;44.14E, h0km, mb4.1/20, mb1 4.2/20, mb1mx4.0/44, mbtmp4.1/20, Error ellipse: s-maj=21.9km s-min=15.7km az=179.0

NEIC 14 06:58:20.3, 0.8, 11.68N;44.12E, h10km, mb4.2/1, Error ellipse: s-maj=16.2km s-min=13.2km az=171.0

CSEM 14 06:58:20.9, 0.5, 11.64N;44.17E, h10km, mb4.2, Error ellipse: s-maj=18.6km s-min=13.4km az=176.0

ISC 14 06:58:20.3, 1.0, 11.3N;0.1:44.14E;0.07, h10km, n66, c1847/68, mb4.2/25, 23C-4D, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GZR Gura Zlata, DIVS Divibare, BZS Buzias, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OBN Obninsk, TAPN Taplejung, VRAC Vranov, etc.

IDC 14 07:01:52.9:27.0, 11:88N:44:69E, h0km, mb3.9/4, mb1 3.9/4, mb1mx3.4/47, mbtmp3.9/4, Error ellipse: s-maj=614.7km s-min=227.4km az=65.0, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

IDC 14 07:03:32.8:0.8, 11:88N:44:06E, h0km, mb4.4/26, mb1 4.5/26, mb1mx3.3/45, mbtmp4.4/26, Error ellipse: s-maj=17.0km s-min=17.0 az=178.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KESH Kesra, KSH Kashi, KSH Koldana, etc.

IDC 14 07:03:32.0:0.4, 11:85N:0:06:44:12E:0:04, h10km, mb4.6/55, Error ellipse: s-maj=8.2km s-min=5.1km az=179.2

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

MOS 14 07:03:34.0:1.6, 11:91N:44:25E, h10km, mb4.9/34, Error ellipse: s-maj=12.3km s-min=5.2km az=102.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, DAMY Dhamar, etc.

NEIC 14 07:03:34.8:0.4, 11:94N:44:08E, h10km, mb4.7/12, Error ellipse: s-maj=7.7km s-min=6.1km az=8.0

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

CSEM 14 07:03:35.4:0.2, 11:99N:44:06E, h10km, mb4.6/18, Error ellipse: s-maj=8.6km s-min=6.9km az=10.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GKN Gorkha, KOLS Kolonica sedl, KOLS Kolonica sedl, etc.

ISC 14 07:03:35.3:0.3, 11:88N:0:09:44:08E:0:06, h14km, 2km, h14km:pp-P, n231, e1927/225, mb4.7/55, 29C-9D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, DAMY Dhamar, etc.

ISC 14 07:03:35.3:0.3, 11:88N:0:09:44:08E:0:06, h14km, 2km, h14km:pp-P, n231, e1927/225, mb4.7/55, 29C-9D, Western Gulf of Aden

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

ISC 14 07:03:35.3:0.3, 11:88N:0:09:44:08E:0:06, h14km, 2km, h14km:pp-P, n231, e1927/225, mb4.7/55, 29C-9D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OBN Obninsk, TAPN Taplejung, VRAC Vranov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMI, GYA, XAN, SONM, ULN, QIZ, HHC, BJI, BOD, NJ2, CN2, SUMG, WRA, WRAB, ASAR, TXAR.

ISC/JB 14 07:04:45.8±1.1, 12°0N,02°43'9E,0.1h,4km,mb3.8/10, Error ellipse: s-maj=29.2km s-min=9.2km az=153.0

ISC 14 07:04:48.0±1.9, 12°11'N,43°95'E,h0km,mb3.9/10, mb1.4/0.10,mb1mx3.7/48,mbtmp3.9/10, Error ellipse: s-maj=46.1km s-min=21.7km az=1.0

ISC 14 07:04:48.0±1.3, 12°0N,02°43'9E,0.1h,4km,n11, c0971/11,mb3.9/10, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, BRTR, AKASG, TORD, GERES, MKAR, KURBB, ESDC, ZALV, CMAR, SONM.

ISC/JB 14 07:05:00.5±2.3, 11°8'N,03°44'1E,0.2h,4km,mb4.2/7, Error ellipse: s-maj=50.4km s-min=11.2km az=154.3

ISC 14 07:05:02.0±3.0, 11°86'N,44°04'E,h0km,mb4.1/6, mb1.4/2.6,mb1mx3.7/47,mbtmp4.1/6, Error ellipse: s-maj=69.2km s-min=32.8km az=165.0

ISC 14 07:05:02.3±2.6, 11°38'N,04°44'1E,0.2h,4km,n8,c0994/8, mb4.2/7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, BRTR, TORD, GERES, CLL, KURBB, FINES, SONM.

ISC/JB 14 07:05:56.9±1.2, 11°6'N,02°44'5E,0.1h,10km,mb3.8/10, Error ellipse: s-maj=29.1km s-min=20.4km az=3.8

ISC 14 07:05:56.9±1.4, 11°50'N,44°51'E,h0km,mb3.8/10, mb1.3/9/10,mb1mx3.7/48,mbtmp3.8/10, Error ellipse: s-maj=34.6km s-min=23.4km az=3.0

ISC 14 07:05:58.4±1.3, 11°31'N,02°44'5E,0.2h,10km,n10, c105/10,mb3.9/10, Western Gulf of Aden

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GERES, BVAR, MKAR, KURBB, CMAR, ZALV, SONM, ASAR.

ISC/JB 14 07:07:30.6±0.7, 11°9'N,01°43'99E,0.07h,4km,mb3.9/14, MS4.0/2, Error ellipse: s-maj=18.6km s-min=8.8km

IDC 14 07:07:31.8±1.0, 11°91'N,44°02'E,h0km,mb4.0/14, mb1.4/1/14,mb1mx3.8/47,mbtmp3.9/14,MS3.9/2, Ms1.4/0.2,ms1mx3.8/28, Error ellipse: s-maj=23.7km s-min=17.6km az=171.0

ISC 14 07:07:32.3±0.9, 11°91'N,02°43'99E,0.10h,4km,n17, c083/16,mb4.0/14, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, BRTR, MLR, AKASG, TORD, GERES, BVAR, MKAR, KURBB, ESDC, FINES, ZALV, CMAR, KAPI, WRA, ASAR.

BUI 14 07:08:29.0, 11°42'N,43°91'E,h15km,mb4.7/26,mb5.2/13, Ms4.8/9,Ms7.4/6/9

ISC/JB 14 07:08:31.1±2.0, 11°88'N,05°43'99E,0.04h,11km,±12km, mb4.3/41,MS4.0/4, Error ellipse: s-maj=8.9km s-min=6.0km az=170.0

IDC 14 07:08:31.1±0.6, 11°87'N,43°98'E,h0km,mb4.2/28, mb1.4/2/28,mb1mx4.2/47,mbtmp4.2/28,MS4.2/6, Ms1.4/2/6,ms1mx3.8/26, Error ellipse: s-maj=15.5km s-min=12.5km az=143.0

CSEM 14 07:08:32.9±0.2, 11°30'N,43°97'E,h10km,mb4.7/13, Error ellipse: s-maj=6.1km s-min=5.5km az=155.0

NEIC 14 07:08:32.2±0.4, 11°30'N,43°95'E,h10km,mb4.8/10, Error ellipse: s-maj=8.7km s-min=6.7km az=136.0

GCMT 14 07:08:32.2±0.3, 12°03'N,44°23'E,h12km,MW5.1/65, Moment Tensor Solution, s7,c8; s65,c116; Duration: 151 Moment tensor: Scale 10^16Nm; M1-4.69±.21; M2-4.70±.15; M3-0.01±.19; M4-0.14±.52; M5-1.31±.15; M6-0.33±.75; Best double couple: M4,8.79000±0.16 NP1,95.000000°,s45.000000°,A-96.000000° NP2: s289.000000°,s45.000000°,A-83.000000°; N-0.3270, P1g5.0000°,Azim104.00000°,P-4.7180,P1g65.0000°, Azim288.00000°,ns1a1 refers to body waves, cutoff=40s.

ISC 14 07:08:33.0±0.6, 11°83'N,07°43'90E,0.06h,11km,2km, h12km,pp-P,n158,c1925/175,mb4.3/41,MS4.0/4,19C-9D, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, BRTR, DAMY, RAYN, KMBO, KMBOR, EIL, ASF, ASF, IPIR, IPIR, IGAR, ISAD, IZEF, IZEF, IBAF, IBAF, MMAI, ITEG, ITEG, IAKL, ISFR, GEYT, BRTR, LSP, LSZ, KBZ, TIRR, TIRR, TIRR, TIRR, CFR, CFR, PALK, MLR, MLR, VRI, VRI, PLOR, PLOR, VOIR, VOIR, ARR, ARR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDG, PDG, KIS, LOT, GZR, GZR, DIVS, DIVS, BZS, BZS, KKAR, KKAR.

BURAR Bucoovina Array 38.97 340 fP P 07 16 00.2 +1.2

BURAR Bucoovina Ar. S 38.97 340 fP P 07 15 59.3 +0.3

BUR04 38.97 340 eS P 07 15 58.8 -1.7

BUR04 Bucoovina Ar. S 38.97 340 fP P 07 15 59.4 +0.3

BUR04 38.97 340 eS P 07 15 58.8 -1.7

DRGR 39.17 337 fP P 07 16 01.5 +0.8

KESH Kesra 39.24 313 P P 07 16 01.4 -0.1

KSH 2.0nm,0.8s,baz=86,slow=17,SNR=2.0 39.57 40 eP P 07 15 58.8 -5.4

KSH 39.57 40 eP P 07 16 04.3 -3.9

KSH 39.57 40 eP P 07 16 07.3 -2.5

KSH 39.57 40 eP P 07 17 34.5 -0.6

KSH 39.57 40 eP P 07 17 57.1 -3.1

KSH 39.57 40 eP P 07 24.455 -1.6

ABKAR Abkukul array 39.61 16 eP P 07 16 03.9 -0.4

ABKAR Abkukul array 39.61 16 eP P 07 16 03.9 -0.4

AKTO Aktyubinsk 40.20 14 eP P 07 16 08.5 +0.6

EKS2 Erkin-Say 40.20 35 eP P 07 16 09.9 +0.5

EKS2 Erkin-Say 40.20 35 eP P 07 16 09.9 +0.5

EKS2 Koldanda 40.37 61 eP P 07 22 06.2 +3.6

EKS2 Koldanda 40.37 61 eP P 07 16 10.0 -1.1

PKSM Moragy 40.41 333 fP P 07 16 10.9 0.0

PKSM Moragy 40.41 333 fP P 07 16 10.9 0.0

AKASA Malin Array Be 40.58 346 fP P 07 16 11.1 -1.1

AAK Aka-Archa 40.59 35 P P 07 16 12.8 +0.1

AAK Aka-Archa 40.59 35 P P 07 16 11.7 -1.0

AAK Aka-Archa 40.59 35 eP P 07 16 11.7 -1.0

AAK Aka-Archa 40.59 35 eP P 07 22 09.3 +5.2

DANN Dangising 40.66 60 eP P 07 16 12.4 -1.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 17.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 17.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

KOLS Kolonicke sedl 41.12 338 eP P 07 16 18.0 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMQ, ESCD, FINES, ZAAO, ZALV, CMAR, CM01, NB2, NOA, GTA, KMI, GYA, XAN, SONM, QIZ, HHC, NJ2, CN2, FITZ, MJAR, WRA, TXAR.

CSEM 14 07:09:59.1, 48.81N, 7.68E, h10km, ML2.0, After LDG
LDG 14 07:09:59.1, 48.81N, 7.68E, h10km, Md2.1/3, M2.0/6,
Error ellipse: s-maj=1.1km s-min=1.0km az=15.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDF, HNF, HAU, PAGF, MEZF, SFTF.

ISCJB 14 07:11:22.1, 0.9, 11.9N, 0.2, 44.10E, 0.09, h4km, mb4.0/10,
Error ellipse: s-maj=26.3km s-min=9.6km az=160.0
IDC 14 07:11:23.2, 1.5, 11.83N, 44.11E, h0km, mb4.0/10,
mb1 4.2/1.0, mb1mx3.8/4.8, mbtmp4.0/10, Error ellipse:
s-maj=35.8km s-min=25.0km az=5.0

ISC 14 07:11:23.7, 1.1, 11.8N, 0.2, 44.10E, 0.10, h4km, n11,
0.071/11, mb4.2/10, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, BRTR, TORD, GERES, BVAR, MKAR, KURBB, ZALV, CMAR.

1.4nm, 0.3s, baz=269, slow=8.8, SNR=5.6
SONM Songino Array 62.81 42 P 07 21 51.7 +0.9
2.1nm, 0.9s, baz=253, slow=7.0, SNR=5.2
ASAR Alice Springs 94.48 113 P 07 24 46.0 +0.1
0.3nm, 0.9s, baz=296, slow=3.0, SNR=3.0

ISCJB 14 07:14:25.8, 0.7, 11.93N, 0.10, 43.97E, 0.07, h4km,
mb3.9/16, Error ellipse: s-maj=15.5km s-min=8.0km
az=154.1
IDC 14 07:14:26.7, 0.9, 11.94N, 43.95E, h0km, mb4.0/16,
mb1 4.1/1.6, mb1mx3.9/4.7, mbtmp4.0/16, Error ellipse:
s-maj=23.0km s-min=15.9km az=167.0

ISC 14 07:14:27.3, 0.9, 12.0N, 0.2, 43.95E, 0.09, h4km, n24,
0.099/24, mb4.0/16, 4C-2D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, ATD, KMB0, BRTR, KBZ, TIRR, CFR, MLR, VOIR, MLR, ARR, GZR, AAK, AKSG, TORD, GERES, BVAR, MKAR, KURBB, ESCD, ZALV, CMAR, SONM, WRA, ASAR.

ISCJB 14 07:15:31.7, 2.1, 11.5N, 0.3, 44.11E, 0.10, h10km, mb3.8/8,
Error ellipse: s-maj=46.2km s-min=10.8km az=169.5
IDC 14 07:15:32.4, 2.4, 11.51N, 44.07E, h0km, mb3.8/8,
mb1 3.8/8, mb1mx3.6/4.8, mbtmp3.8/8, Error ellipse:
s-maj=54.1km s-min=25.9km az=169.0

ISC 14 07:15:33.9, 2.4, 11.5N, 0.4, 44.0E, 0.11, h10km, n9, 0.093/9,
mb4.8/8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, MMAL, BRTR, TORD, GERES, MKAR, KURBB, ZALV, SONM.

ISCJB 14 07:17:23.7, 0.7, 11.82N, 0.10, 44.08E, 0.06, h4km,
mb4.0/16, Error ellipse: s-maj=14.2km s-min=7.8km
az=163.4
IDC 14 07:17:24.4, 0.9, 11.80N, 44.03E, h0km, mb4.0/16,
mb1 4.2/1.6, mb1mx3.9/4.7, mbtmp4.0/16, Error ellipse:
s-maj=24.2km s-min=13.9km az=168.0

ISC 14 07:17:25.2, 0.9, 11.8N, 0.2, 44.05E, 0.08, h4km, n35,
0.077/35, mb4.1/16, 9C-5D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, BRTR, CFR, MLR, MLR, VRI, PLOR, VOIR, ARR, PDG, GZR, DIVB, BZS, BURAR, DRGR, PKSM, AAK, AKSG, PSZ, TORD, DPC, GERES, KHC, KHC, GOPC, GOPC, PRU, BVAR, MKAR, KURBB, ESCD, ZALV, CMAR, SONM, WRA, WRA, ASAR.

ISCJB 14 07:17:50.0, 0.7, 12.0N, 0.1, 43.96E, 0.08, h4km, mb4.2/15,
Error ellipse: s-maj=18.4km s-min=9.2km az=155.7
IDC 14 07:17:51.5, 1.2, 12.01N, 44.03E, h0km, mb4.1/14,
mb1 4.2/1.4, mb1mx3.9/4.8, mbtmp4.1/14, Error ellipse:
s-maj=30.2km s-min=20.3km az=13.0

ISC 14 07:17:51.7, 1.0, 11.9N, 0.2, 43.98E, 0.09, h4km, n16,
0.074/16, mb4.3/15, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, BRTR, AKSG, TORD, GERES, BRG, BVAR, MKAR, KURBB, ESCD, FINES, ZALV, SONM, WRA, ASAR.

ISCJB 14 07:18:57.2, 1.2, 11.9N, 0.2, 44.0E, 0.1, h4km, mb4.0/8,
Error ellipse: s-maj=33.5km s-min=9.8km az=153.9
IDC 14 07:18:58.7, 2.1, 11.97N, 43.94E, h0km, mb4.0/8,
mb1 4.2/8, mb1mx3.7/4.8, mbtmp4.0/8, Error ellipse:
s-maj=50.2km s-min=26.3km az=0.0

ISC 14 07:18:59.1, 1.4, 11.9N, 0.2, 43.9E, 0.1, h4km, n9, 0.035/9,
mb4.1/8, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, BRTR, TORD, GERES, BVAR, MKAR, KURBB, CMAR, SONM.

ISCJB 14 07:19:46.6, 1.0, 11.9N, 0.2, 44.07E, 0.10, h4km, mb4.0/13,
MS4.1/1, Error ellipse: s-maj=24.4km s-min=8.2km
az=152.3
IDC 14 07:19:47.4, 1.3, 11.86N, 44.00E, h0km, mb4.0/13,
mb1 4.2/1.3, mb1mx3.9/4.7, mbtmp4.0/13, MS4.1/1,
ms1 4.1/1, mb1mx3.3/5.0, Error ellipse: s-maj=32.8km
az=156.0

ISC 14 07:19:48.2, 1.3, 11.9N, 0.2, 44.0E, 0.1, h4km, n16,
0.063/17, mb4.2/13, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, BRTR, KBL, MLR, AKTO, AAK, AKSG, TORD, DPC, KHC, BVAR, MKAR, KURBB, CMAR, SONM.

ISCJB 14 07:21:52.0, 0.7, 12.0N, 0.1, 44.07E, 0.08, h4km, mb4.2/13,
Error ellipse: s-maj=21.0km s-min=9.0km az=156.1
IDC 14 07:21:53.0, 1.1, 11.90N, 44.07E, h0km, mb4.2/13,
mb1 4.2/1.3, mb1mx3.9/4.8, mbtmp4.1/13, Error ellipse:
s-maj=27.8km s-min=20.1km az=175.0

ISC 14 07:21:53.6, 0.9, 11.9N, 0.2, 44.1E, 0.1, h4km, n14,
0.091/14, mb4.3/13, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, BRTR, TORD, GERES, BVAR, MKAR, KURBB, DBIC, FINES, ZALV, CMAR, SONM, WRA, ASAR.

ISCJB 14 07:26:58.7, 1.7, 11.9N, 0.3, 44.2E, 0.1, h4km, mb3.9/9,
MS4.3/2, Error ellipse: s-maj=39.7km s-min=20.6km

14d 7h

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

ISC/JB 14 07:29:15.1±0.7, 11°9N:0°1'44.07E:0°08, h4km, mb4.0/11, Error ellipse: s-maj=21.0km s-min=8.6km az=158.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arta Tunnel, Keskin Array B, Akbulak array, etc.

ISC/JB 14 07:29:56.6±0.7, 12°0N:0°1'44.04E:0°09, h4km, mb4.0/12, Error ellipse: s-maj=21.1km s-min=9.4km az=154.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arta Tunnel, Keskin Array B, Akbulak array, etc.

ISC/JB 14 07:31:14.7±0.9, 11°9N:0°2'44.11E:0°09, h4km, mb3.8/11, Error ellipse: s-maj=24.6km s-min=8.6km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arta Tunnel, Keskin Array B, Akbulak array, etc.

CSEM 14 07:32:35.9, 38°11N:23°61E, h7km, MD2.5 After ATH

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

2010 NOV

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

ISC/JB 14 07:33:30.4±0.7, 40°47N:0°2'34.92E:0°04, h8km, 5km, Error ellipse: s-maj=4.6km s-min=4.0km az=11.2

DDA 14 07:33:30.9, 40°46N:34°92E, h23km, MD3.8

CSEM 14 07:33:30.5±0.1, 40°46N:34°92E, h10km, MD3.1, Error ellipse: s-maj=2.9km s-min=2.4km az=115.0

ISK 14 07:33:30.5, 40°46N:34°91E, h16km, MD3.1

ISC 14 07:33:30.5, 40°46N:0°2'34.92E:0°02, h16km, 9km, n40, c040/56, Turkey

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

CSEM 14 07:33:38.1, 43°73N:20°68E, h0km, ML 1.2, After BEO

BEO 14 07:33:38.1±0.3, 43°73N:20°68E, h0km, ML 1.2/6, Northwestern Balkan Peninsula

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

ISC/JB 14 07:35:32.3±1.7, 12°0N:0°3'44.0E:0°2, h4km, mb3.7/8, Error ellipse: s-maj=41.5km s-min=21.7km az=176.4

DDA 14 07:35:33.6±2.0, 12°0N:43°99E, h0km, mb3.8/8, s-maj=3.9/8, mb1mx3.5/2, mbtmpr3.8/8, Error ellipse: s-maj=49.9km s-min=24.9km az=174.0

ISC 14 07:35:34.0±1.9, 12°0N:0°3'44.0E:0°2, h4km, n8, c153/98, mb3.9/8, Ethiopia

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

ISC 14 07:35:57.6±1.8, 11°46N:43°42E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.5/55, mbtmpr3.7/7, Error ellipse: s-maj=49.9km s-min=16.6km az=170.0

ISC/JB 14 07:35:58.4±1.5, 11°5N:0°3'43.5E:0°1, h14km, mb3.7/7, Error ellipse: s-maj=39.7km s-min=15.0km az=167.0

ISC 14 07:35:58.8±1.7, 11°5N:0°3'43.4E:0°1, h14km, n8, c089/8, mb3.9/7, Ethiopia

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

DJA 14 07:36:41.3±0.8, 6°S:8°10'5E, h10km, M3.7/9, MLv3.7/9, IDC 14 07:36:49.3±9.5, 17S:105°61E, h110km, 31km, mb3.4/4, mb1 3.5/5, mb1mx3.2/51, mbtmpr3.7/5, MS3.2/1, Ms1 3.2/1, ms1mx2.8/22, Error ellipse: s-maj=163.5km s-min=21.1km az=53.0

ISC 14 07:36:39.6±1.3, 6°33S:0°1'104.5E:0°1, h35km, n23, c188/12, mb3.6/4, Sunda Strait

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

BUI 14 07:38:30.0, 11°77N:43°86E, h12km, mb4.8/33, mb5.1/22, Ms4.9/16, Ms7.4/6/17

ISC/JB 14 07:38:30.2±1.4, 11°93N:0°44'02E:0°03, h1km, 8km, mb4.7/98, MS4.5/36, Error ellipse: s-maj=7.3km s-min=4.9km az=10.9

IDC 14 07:38:31.6±0.6, 11°94N:44°01E, h0km, mb4.5/32, mb1 4.6/32, mb1mx4.4/58, mbtmpr4.5/28, Ms1 4.5/28, ms1mx4.4/33, Error ellipse: s-maj=14.5km s-min=11.1km az=14.0

MOS 14 07:38:31.6±1.1, 11°96N:44°00E, h10km, mb4.8/41, MS4.4/14, Error ellipse: s-maj=10.6km s-min=4.7km az=96.5

GCMT 14 07:38:32.0±2.0, 12°01N:44°24E, h12km, MW5.2/82, Moment Tensor Solution. s24, c22; s82, c164; Duration: 1s2 Moment tensor: 0.2e10/17m; Mr-0.72e-02; Mw0.69±0.02; Mw0.02±0.02; Mw-0.20±0.05; Mw-0.22±0.01; Mw-0.12±0.07; Best double couple: Mw0.778000x1017 NP1:0.94.00000, 0.83.00000, -1.06.00000. NP2: 0.300.00000, 0.40.00000, -1.70.00000. Principal axes: P-0.7780, P1g-0.0000, Azm196.0000; N-0.0010, P-0.7780, P1g-0.0000, Azm104.0000; P-0.7770, P1g-0.0000, Azm311.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=40s.

NEIC 14 07:38:33.1±0.3, 11°93N:43°99E, h10km, mb4.9/25 Error ellipse: s-maj=6.1km s-min=4.6km az=195.0

CSEM 14 07:38:33.7±0.2, 11°97N:44°03E, h10km, mb4.8/46, Error ellipse: s-maj=7.9km s-min=5.9km az=19.0

ISC 14 07:38:33.6±0.5, 11°88N:0°05'43.96E:0°04, h14km, 2km, h13km, pp-P, n376, c1510/376, mb4.7/98, MS4.5/37, 35C-12D, Ethiopia

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ISFR Sfrayin, GNI Garin, ISHV Shirvan, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KEST Kesra, VRH Novokhoporsk, VRH comp=E,10.0nm,1.0s, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, MOA Molin, MOA Molin, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR Makanchi Array, LAMF Langeberg, DBIC Dimbokro, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songino Array, ULN Ulaanbaatar, HHC Hu-ho-hao-te, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TIRR Tirusor, CFR Carcalui, MLR Muntele Rosu, etc.

ISCJB 14 07:40:44.0.0.7, 12.05N.0.09.44.20E.0.07, h4km, mb4.2/18, Error ellipse: s-maj=14.8km s-min=7.9km az=151.6

ISCJB 14 07:45:37.1.1.0, 12.0N.0.2.44.1E.0.1, h4km, mb3.9/12, Error ellipse: s-maj=27.1km s-min=8.3km az=150.8

ISCJB 14 07:46:02.7.1.1, 11.8N.0.2.44.0E.0.2, h4km, n13, Error ellipse: s-maj=24.0km s-min=18.1km az=18.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, MLR Muntele Rosu, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COEN Coen, MTSU Mount Surprise, BUJ 14 07:57:10.1, etc.

ISC 14 07:47:26.9e.1.5, 11.75N:44.03E, h10km, mb3.9/10, mb1 4.0/10, mb1mx3.6/5.1, mbtmp3.9/10, Error ellipse: s-maj=40.1km s-min=15.1km az=162.0

ISCJB 14 07:47:27.0e.1.2, 11.81N:02.44'E:0.1, h10km, mb3.9/10, Error ellipse: s-maj=32.2km s-min=8.7km az=157.0

ISC 14 07:47:28.4e.1.4, 11.81N:02.44E:0.1, h10km, n11, n070/12, mb4.0/10, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

ISC 14 07:55:06.6e.1.1, 11.72N:43.92E, h10km, mb4.0/13, mb1 3.9/7, mb1mx3.6/4.7, mbtmp3.8/7, Error ellipse: s-maj=34.9km s-min=14.4km az=162.0

ISC 14 07:55:08.1e.1.1, 11.72N:02.439E:0.1, h10km, n14, n083/15, mb4.1/3, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, etc.

ISC 14 07:51:12.2e.2.5, 11.81N:04.44'E:0.2, h10km, mb3.7/7, Error ellipse: s-maj=24.8km s-min=8.4km az=160.6

ISC 14 07:51:12.2e.2.9, 11.71N:43.93E, h10km, mb3.7/7, mb1 3.7/7, mb1mx3.5/4.8, mbtmp3.7/7, Error ellipse: s-maj=75.9km s-min=27.3km az=160.0

ISC 14 07:51:13.7e.2.7, 11.71N:05.439E:0.2, h10km, n7, n058/77, mb4.0/7, Ethiopia

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

ISCJB 14 07:51:33.8e.2.4, 11.71N:04.44'E:0.2, h10km, mb3.8/7, Error ellipse: s-maj=57.7km s-min=29.9km az=165.5

ISC 14 07:51:34.0e.2.9, 11.71N:44.02E:0.0, h10km, mb3.8/7, mb1 3.9/7, mb1mx3.6/4.7, mbtmp3.8/7, Error ellipse: s-maj=71.3km s-min=28.7km az=166.0

ISC 14 07:51:35.5e.2.6, 11.71N:04.44E:0.2, h10km, n7, n1905/7, mb3.9/7, Western Gulf of Aden

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

ISC 14 07:55:06.6e.1.1, 11.72N:43.92E, h10km, mb4.0/13, mb1 3.9/7, mb1mx3.6/4.7, mbtmp3.8/7, Error ellipse: s-maj=34.9km s-min=14.4km az=162.0

ISC 14 07:55:08.1e.1.1, 11.72N:02.439E:0.1, h10km, n14, n083/15, mb4.1/3, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

ISC 14 07:52:50.8e.1.9, 11.81N:03.44'E:0.2, h10km, mb3.6/7, MS3.5/1, Error ellipse: s-maj=49.5km s-min=9.4km az=156.6

ISC 14 07:52:50.7e.2.3, 11.70N:44.12'E, h10km, mb3.7/7, mb1 3.7/7, mb1mx3.5/4.7, mbtmp3.7/7, MS3.6/1, Ms1 3.6/1, ms1mx3.2/4.3, Error ellipse: s-maj=61.0km s-min=19.1km az=158.0

ISC 14 07:52:52.1e.2.4, 11.71N:04.44'E:0.2, h10km, n9, n088/9, mb3.9/7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

ISCJB 14 07:53:49.1e.0.8, 11.42N:09.44'E:0.06, h10km, mb4.1/18, Error ellipse: s-maj=13.1km s-min=7.8km az=160.7

ISC 14 07:53:50.3e.1.5, 11.58N:44.06E, h10km, mb4.1/15, mb1 4.2/15, mb1mx3.9/4.6, mbtmp4.1/15, Error ellipse: s-maj=33.3km s-min=16.3km az=171.0

CSEM 14 07:53:50.4e.0.6, 11.39N:44.19E, h10km, mb4.4, Error ellipse: s-maj=20.9km s-min=11.6km az=155.0

NEIC 14 07:53:51.3e.1.0, 11.52N:44.08E, h10km, mb4.4/2, Error ellipse: s-maj=20.2km s-min=11.2km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

AUST 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISC 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISCJB 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISC 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISC 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISCJB 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISC 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

ISC 14 07:56:10.1e.9, 950S:120.48E, h15km, ISCJB 14 07:56:10.4e.0.7, 970S:0.08:120.12E:0.07, h61km, 7km, Error ellipse: s-maj=13.5km s-min=11.0km az=18.9

DJA 14 07:56:17.0e.0.4, 10.54S:42.0E, h27km, 4km, M4, 2.8, WLU, 2.8

ISC 14 07:56:19.1e.0.9, 963S:0.07:120.14E:0.06, h48km, 9km, n15, n231/16, Sumba region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSZ Piszkesteto, TOAD Torodi Ar. Sit, TORD Torodi Ar. Bea, VYHS Vyhne, DPC Dobruska-Polom, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like mb4.1/16, MS4.3/2, Error ellipse: s-maj=17.8km, etc.

14d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, GEC3 GERRSS Array S, BRG Berggiesshubel, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SPN Mys Shipunski, ESO Esso, NLC Nalychchevo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONM, HHC, BJI, NJ2, etc.

DDA 14 09:07:08 7.37:59N:36:64E, h7km, MD2.9
ISK 14 09:07:08 7.37:53N:36:65E, h11km, MD2.9
ISCJB 14 09:07:09 4.0:37:55N:0:03:36:63E:0:03, h7km, 4km,
Error ellipse: s-maj=4.5km s-min=3.8km az=37.7
CSEM 14 09:07:09 0.0:37:57N:36:61E, h8km, MD2.9, Error
ellipse: s-maj=6.8km s-min=5.7km az=166.0
ISC 14 09:07:09 3.0:9:37:56N:0:03:36:63E:0:02, h8km, 8km,
n23, c085/42, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AYKD, KMRS, ANDN, etc.

MEX 14 09:08:48.0:2, 14:03N:92:54W, h15km, MD3.6, Near
coast of Chiapas

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

IDC 14 09:13:39.1:32.0, 17:17S:179:51W, h65km, 452km,
mb2.6/5, mb1 3.0/5, mb1mx2.8/26, mbtmp3/6/5, Error
ellipse: s-maj=149.6km s-min=94.2km az=16.0, Fiji
Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, NVAR, etc.

CSEM 14 09:15:45.0:1, 43:79N:20:69E, h2km, ML3.3, Error
ellipse: s-maj=2.9km s-min=2.4km az=123.0
PDG 14 09:15:45.3:0.4, 43:79N:20:69E, h11km, MD3.2/1,
ML3.1/10, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0
BEO 14 09:15:45.9:0.2, 43:75N:20:70E, h0km, ML3.3/1
PRU 14 09:15:47.3, 43:93N:20:75E, h0km
ISC 14 09:15:45.5:0.9, 43:77N:0:01:20:71E:0:02, h8km, 6km, 5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GRUS, IVAS, SVJS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NKME, BANR, RMGR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PSZ, ARCA, GOLG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ATD, DAMY, KMBO, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Zetref, Bafgh, Kashi, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Storozhevoje, Kashi, Erkin-Say, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Upec, Upec, Upec, etc.

14d 10h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GERES GERRS Array B, MAKANCI Array, SONMG Songoing Array, YAK Yakutsk.

ISCJB 14 09:49:21.0.0.4, 11.92N:0.05:43.91E:0.06, h4km, mb1.2/7, MS3.5/3, Error ellipse: s-maj=8.9km s-min=6.7km az=136.0

IDC 14 09:49:20.9.0.9, 11.79N:43.89E, h0km, mb4.0/22, mb1.4/1.22, mb1mx3.0/48, mbtmp4.0/22, MSJ=21.9km Ms1 3.8/4, ms1mx3.3/34, Array ellipse: s-maj=21.9km s-min=13.2km az=163.0

NEIC 14 09:49:23.6.0.4, 11.94N:43.84E, h10km, mb4.5/7, Error ellipse: s-maj=10.1km s-min=8.1km az=105.0

CSEM 14 09:49:24.1.0.3, 11.96N:43.89E, h10km, mb4.4/6, Error ellipse: s-maj=13.5km s-min=11.8km az=50.0

ISC 14 09:49:22.3.0.7, 11.90N:0.08:43.89E:0.08, h4km, n7.0, c0132/67, mb4.1/27, MS3.7/3, 9C-13D, Ethiopia

Main table for 14d 10h section, listing station codes, names, coordinates, and seismic data for various stations including ATD, BRTR, CFR, etc.

ISCJB 14 09:51:20.6.0.7, 11.30N:0.10:44.15E:0.06, h10km, mb3.9/14, Error ellipse: s-maj=14.0km s-min=8.5km az=168.9

IDC 14 09:51:20.2.1.9, 11.31N:43.99E, h0km, mb3.9/12, mb1.4/0.12, mb1mx3.8/45, mbtmp3.9/12, Error ellipse: s-maj=42.9km s-min=16.1km az=174.0

NEIC 14 09:51:22.3.0.7, 11.40N:44.01E, h10km, mb4.3/3, Error ellipse: s-maj=15.4km s-min=10.5km az=143.0

CSEM 14 09:51:22.0.0.4, 11.27N:44.08E, h10km, mb4.3, Error ellipse: s-maj=14.2km s-min=10.7km az=157.0

ISC 14 09:51:22.4.0.8, 11.42N:0.10:44.05E:0.09, h10km, n45,

2010 NOV

c1540/45, mb4.1/14, 10C-10D, Western Gulf of Aden

Main table for 2010 NOV section, listing station codes, names, coordinates, and seismic data for various stations including ATD, BRTR, CFR, etc.

ISCJB 14 10:01:43.3.1.8, 11.90N:0.3:44.0E:0.2, h4km, mb3.5/7, Error ellipse: s-maj=43.1km s-min=9.8km az=150.4

IDC 14 10:01:44.2.2.4, 11.80N:43.99E, h0km, mb3.6/7, mb1.3/7.7, mb1mx3.5/44, mbtmp3.6/7, Error ellipse: s-maj=58.0km s-min=18.3km az=154.0

ISC 14 10:01:45.0.2.1, 11.90N:0.3:44.0E:0.2, h4km, n8, c099/9, mb3.7/7, Ethiopia

Table for 2010 NOV section, listing station codes, names, coordinates, and seismic data for various stations including ATD, BRTR, CFR, etc.

IDC 14 10:05:43.1.8.7, 11.17N:43.89E, h0km, mb3.8/8, mb1.3/8.8, mb1mx3.5/47, mbtmp3.8/8, Error ellipse: s-maj=179.2km s-min=36.0km az=13.0, Ethiopia

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SONMG Songoing Array, JMA 14 10:08:09.6.0.1, etc.

JMA 14 10:08:09.6.0.1, 36.43N:140.86E, h54km, 1km, M3.6, 1C-2D Broadband fault plane solution: P waves, NP1: 20.000000, 867.000000, 1.90.000000; NP2: 20.20000000, 823.000000, 1.90.000000; Principal axes: P Tl 668.0000, Azm290.0000, N Pl 610.0000, Azm20.0000; P Pl 622.0000, Azm110.0000; Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JHO Hitachi, JYT Yasato, ONJY Iwakimizuishiy, etc.

ISCJB 14 10:10:10.3.1.2, 11.90N:0.2:44.0E:0.1, h4km, mb3.5/6, Error ellipse: s-maj=34.4km s-min=9.9km az=155.3

IDC 14 10:10:11.6.1.6, 11.86N:44.00E, h0km, mb3.5/6, mb1.3/6.6, mb1mx3.4/50, mbtmp3.5/6, Error ellipse: s-maj=44.3km s-min=20.4km az=159.0

ISC 14 10:10:12.0.1.1, 11.81N:0.2:44.0E:0.1, h4km, n7, c087/8, mb3.5/6, Ethiopia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ATD, BRTR, AKAS, etc.

BUL 14 10:10:46.5.2.8, 25:47S:24:31E, h10km, MD3.7

ISCJB 14 10:10:47.3.0.4, 26:44S:0.03:27.28E:0.03, h10km, Error ellipse: s-maj=4.7km s-min=3.1km az=141.7

PRE 14 10:10:47.9.1.4, 26:46S:27:31E, h2km, ML3.0

ISC 14 10:10:47.7.0.7, 26:42S:0.03:27.29E:0.03, h10km, n17, c0161/34, South Africa

Main table for 646 section, listing station codes, names, coordinates, and seismic data for various stations including KLOF, PRYS, BFD, etc.

Table with columns: KIZT, AUMIH, KDHN, KDHN, TVSB, TVSB, KONT, KONT. Includes station names, times, and coordinates.

ISCJJB 14 10:12:55.2-0.8, 11.87N:01:44.00E:0.08, h10km, mb4.0/14, Error ellipse: s-maj=19.0km s-min=8.9km az=158.4

ISC 14 10:12:55.6-2.1, 11.87N:44.10E, h0km, mb3.8/10, mb1 3.9/10, mb1mx3.6/5.4, mbtmp3.8/10, Error ellipse: s-maj=46.7km s-min=25.1km az=6.0

CSEAM 14 10:12:56.8, 11.75N:43.95E, h10km, mb4.6/4, After NEIC 14 10:12:56.8-0.7, 11.75N:43.95E, h10km, mb4.6/4, Error ellipse: s-maj=16.1km s-min=8.0km az=160.0

ISC 14 10:12:56.8-0.9, 11.71N:01:43.98E:0.09, h10km, n22, #69723, mb4.0/14, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Dhamar, Kilima Mbogo, etc.

ISCJJB 14 10:14:48.0-0.6, 11.93N:01:06.44E:0.07, h4km, mb4.0/18, MS4.2/2, Error ellipse: s-maj=10.8km s-min=6.5km az=37.8

ISC 14 10:14:48.6-1.1, 11.87N:44.03E, h0km, mb4.0/14, mb1 4.1/14, mb1mx3.8/5.2, mbtmp3.9/14, MS4.1/2, MS1 4.1/2, ms1mx3.3/4.5, Error ellipse: s-maj=26.6km s-min=18.0km az=166.0

NEIC 14 10:14:50.5-0.8, 11.90N:44.04E, h10km, mb4.4/4, Error ellipse: s-maj=16.7km s-min=13.8km az=134.0

CSEAM 14 10:14:49.4-0.8, 11.86N:01:08.44E:0.08, h4km, n31, #150731, mb4.1/18, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Dhamar, Kilima Mbogo, etc.

ISCJJB 14 10:16:43.3-0.9, 11.91N:01:44.06E:0.08, h4km, mb3.9/14, Error ellipse: s-maj=18.9km s-min=7.8km az=150.3

ISC 14 10:16:43.8-1.5, 11.71N:44.03E, h0km, mb3.9/12, mb1 4.0/12, mb1mx3.7/5.2, mbtmp3.9/12, Error ellipse: s-maj=35.7km s-min=15.7km az=164.0

NEIC 14 10:16:45.8-0.9, 11.86N:43.98E, h10km, mb4.5/3, Error ellipse: s-maj=19.0km s-min=12.4km az=143.0

CSEAM 14 10:16:45.8, 11.86N:43.98E, h10km, mb4.5/3, After NEIC 14 10:16:44.9-1.0, 11.86N:01:09.44E:0.10, h4km, n22, #150424, mb4.0/14, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Dhamar, Kilima Mbogo, etc.

ISC 14 10:17:08.4-1.2, 11.90N:44.01E, h0km, mb4.1/12, mb1 4.2/12, mb1mx3.8/5.1, mbtmp4.0/12, Error ellipse: s-maj=30.9km s-min=22.2km az=21.0

CSEAM 14 10:17:09.5, 11.76N:43.93E, h10km, mb4.1/2, After NEIC 14 10:17:09.5-0.6, 11.76N:43.93E, h10km, mb4.1/2, Error ellipse: s-maj=15.2km s-min=8.5km az=162.0

ISC 14 10:17:09.3-0.7, 11.71N:01:43.93E:0.10, h10km, n21, #10120, mb4.2/13, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Dhamar, Kilima Mbogo, etc.

ISCJJB 14 10:21:16.6-0.9, 1.94N:01:08.126:66E:0.05, h10km, mb3.9/4, Error ellipse: s-maj=11.0km s-min=7.0km az=14.4

ISC 14 10:21:16.9-1.3, 1.05N:125.66E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/4.2, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=107.0km s-min=19.9km az=69.0

DJA 14 10:21:19.1-1.3, 2.7N:7.12E, h30km, 17km, M4.3/3, mb4.9/2, mb4.8/1, MLV4.0/3, MW(mB)4.1/1

ISC 14 10:21:17.9-1.1, 1.9N:01:126:69E:0.06, h10km, n13, #191714, mb4.0/4, Northern Mollucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TNTI, LBMI, KMSI, etc.

ISCJJB 14 10:22:32.3-1.4, 11.91N:02:44.4E:0.1, h4km, mb3.5/6, Error ellipse: s-maj=36.7km s-min=10.3km az=161.4

ISC 14 10:22:34.2-5.0, 11.96N:44.43E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/4.5, mbtmp3.6/6, MS4.0/1, MS1 4.0/1, ms1mx3.1/3.6, Error ellipse: s-maj=115.3km s-min=31.5km az=24.0

ISC 14 10:22:33.9-1.7, 11.83N:03:44.4E:0.1, h4km, n10, #09887, mb3.6/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASF, BRTR, GERES, MKAR, ZALV, CMAR, SONM.

KRSC 14 10:32:33.3-0.4, 5.516N:160.30E, h-2km, 3km, ML3.7, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KZNV, KMNR, BZMR, KIRR, KPT, etc.

CSEAM 14 10:34:25.9-0.3, 11.92N:44.14E, h2km, mb4.5/25, Error ellipse: s-maj=8km s-min=7.4km az=162.0

ISC 14 10:34:25.3-0.7, 11.88N:44.10E, h0km, mb4.2/26, mb1 4.3/28, mb1mx4.2/4.8, mbtmp4.2/28, ML3.4/1, Error ellipse: s-maj=16.4km s-min=13.3km az=175.0

BUI 14 10:34:25.5, 12.33N:43.55E, h17km, mb4.6/26, mb4.9/13, MS4.9/9, MS7.4/6

NEIC 14 10:34:26.6-0.4, 11.85N:44.10E, h10km, mb4.7/10, Error ellipse: s-maj=9.3km s-min=7.7km az=173.0

MOS 14 10:34:26.6-1.1, 12.09N:44.14E, h10km, mb4.5/29, Error ellipse: s-maj=12.5km s-min=5.7km az=96.3

ISC 14 10:34:27.9-0.6, 11.90N:01:06.44E:0.06, h16km, 2km, Western Gulf of Aden, #1514230, mb4.4/48, 16C-18D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Dhamar, Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATD Arta Tunnel, ATD Dhamar, DAMY Dhamar, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, BRTR Keskin Array B, AAK Ala-Archa, AAK Ala-Archa, AKASO Malin Array Be, TORO Torodi Ar. Bea, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURK Kurchatov, KURK Kurchatov, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, SONM Songino Array, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs.

IDC 14 11:12:54.5:2.5, 11:83N:43:96E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/46, mbtmp3.7/4, Error ellipse: s-maj=61.9km s-min=20.1km az=154.0, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATD Arta Tunnel, ATD Dhamar, BRTR Keskin Array B, GERES GERES Array B, MKAR Makanchi Array, SONM Songino Array, BUJ 14 11:14:09.4, MOS 14 11:14:09.0, ISCJB 14 11:14:02.0, IDC 14 11:14:11.3, NEIC 14 11:14:12.5, CSEM 14 11:14:13.0, ISC 14 11:14:12.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATD Arta Tunnel, DAMY Dhamar, KMB0 Kilima Mbogo, BSO Bisya, BSO Bisya, JMDO Jabal Madar, JMDO Jabal Madar, ASHO Ashiyah, ASHO Ashiyah, UOSS Wadi Hili, UOSS Wadi Hili, SMDO Samad, WBK Wadi Bani Khal, WBK Wadi Bani Khal, BANOH Banah, BANOH Banah, EIL Elat, IPAR Pars, IPAR Pars, ASF Jabal al Asfar, ISAD Sadrabad, ISAD Sadrabad, MMAI Mount Meron Ar, MMAI Varamin, IVRN Varamin, IR3 Iran Long-Peri, IR3 Iran Long-Peri, CSS Prodhromos, CSS Prodhromos, IANJ Anjilo, IANJ Anjilo, ISHM Shahrizad, GNI Garni, GNI Garni, GNI Garni, GEYT Alikebeck.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BR231 Keskin MP Arra, BR231 Keskin MP Arra, ANTO Ankara, ANTO Ankara, OPO Ambiohidratpomo, LSZ Lusaka, NEY Neytrino, NEY Neytrino, KBZ Khabaz, KBZ Khabaz, KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, TIRR Tigrusor, TIRR Tigrusor, TIRR Tigrusor, TLB Topalu, TLB Topalu, CFR Carcaliu, CFR Carcaliu, MLR Muntele Rosu, MLR Muntele Rosu, VRI Vrincoiaia, VRI Vrincoiaia, VOIR Voinic, VOIR Voinic, ARR Arges, ARR Arges, KIS Kishinev, KIS Kishinev, PDG Podgorica, PDG Podgorica, LOT Lotru, LOT Lotru, GZR Gura Zlata, GZR Gura Zlata, DIVS Divibare, BZS Buzias, BZS Buzias, KKAR Karatay Array, KKAR Karatay Array, BURAR Bucovina Array, BURAR Bucovina Array, BURAR Bucovina Array, BURAR Bucovina Array, DRGR Drgr, DRGR Drgr, VRH Novokhoporsky, VRH Novokhoporsky, VRH Novokhoporsky, VRH Novokhoporsky, VSR Storozevho, VSR Storozevho, VSR Storozevho, VSR Storozevho, KSH Kashi, ABKAR Akbulak array, ABKAR Akbulak array, EKS2 Erkin-Say, EKS2 Erkin-Say, AKTK Aktyubinsk, AKTK Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, KOLN Koldanda, PKSM Moragy, PKSM Moragy, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KIEV Kiev, KIEV Kiev, KIEV Kiev, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, FRU Bishkek, FRU Bishkek, LPSR Galich ya Gora, LPSR Galich ya Gora, KOLS Kolonicke sedl, KOLS Kolonicke sedl, PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, GKN Gona, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, DMN Daman.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KKN Kakani, STHS Stebnicka Huta, STHS Stebnicka Huta, VYHS Vyhne, VYHS Vyhne, VYHS Vyhne, GUN Gumba, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OBN Obninsk, OBN Obninsk, MORC Moravsky Berou, MORC Moravsky Berou, TAPN Taplejuj, DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, GEC2 GERES Array B, GEC2 GERES Array B, GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, UPEC Upec, UPEC Upec, UPEC Upec, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, BVAR Borovoye Array, BVAR Borovoye Array, CLL Colim, CLL Colim, CLL Colim, SHL Shillong, MK01 Makanchi Array, MK01 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KLMR Klimovskoe, KLMR Klimovskoe, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, ESDC Sonseca Array, FINES FINESS Array B, FINES FINESS Array B, NVS Novosibirsk, NVS Novosibirsk, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CM01 Chiang Mai Arr, CM01 Chiang Mai Arr, NOA NORARS Array B, NOA NORARS Array B, KMI Kuning, KMI Kuning, KMI Kuning, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, GYA Guiyang, GYA Guiyang, SONM Songino Array, SONM Songino Array, SONM Songino Array, SONM Songino Array, SONA1 Songino Array, SONA1 Songino Array, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BJI Beijing, BJI Beijing, BOD Bodaibo, BOD Bodaibo.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BZS, VRAC, CLL, PVCC, BRG, GZR, VYHS, PSZ, UPC, DPC, MORC, LOT, OKC, DRGR, BSEG, ARR, VOIR, NIE, OJC, OJC, OJC, MLR, UZH, KOLS, KOLS, VRI, VRI, VRI, TLB, TIRR, TIRR, BURAR, BURAR, CFR, CFR, ASF, ASF, BRTR, BRTR, SUW, SUW, MALT, MALT, AK11, KIEV, KIEV, AKASG, AKASG, NOA02, NB2, NOA, NOA, ANN, ANN, ANN, SCHO, KMSC, KMSC, NEY, TIGA, TIGA, TIGA, KIV, KIV, KBZ, KBZ, KBZ, GNI, GNI, FINES, FINES, VSR, VSR, VSR, VSR, TKL.

2010 NOV

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TKL, OBN, OBN, OBN, OBN, LPSR, LPSR, VNA2, VRH, VRH, VRH, SNAA, SNAA, SNAA, LRAL, LRAL, BLO, SFIN, SFIN, OLIL, CCIG, SIUC, ARCES, ARCES, ARCES, HDIL, HDIL, APA, APA, CCM, JFWS, MIAR, Y39A, 239A, 239A, I38A, M38A, Y38A, U38A, U38A, 238A, 138A, X38A, H37A, H37A, M37A, T37A, N37A, V37A, S37A, X37A, U37A, 237A, 137A, R37A, W37A, 637A, D36A, G36A, H36A, O36A, K36A, J36A, TUL1, TUL1, U36A, M36A, L36A, P36A, S36A, R36A, V36A, Q36A, Y36A, 136A, Z36A, T36A, SPITS, SPITS, SPITS.

14d 11h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like 436A, W36A, X36A, 736A, 636A, 336A, G35A, D35A, B35A, C35A, I35A, N35A, H35A, F35A, J35A, S35A, P35A, L35A, O35A, M35A, T35A, Y35A, X35A, W35A, U35A, V35A, 335A, 535A, Z35A, 435B, WHTX, 135A, 635A, 035Z, KSU1, B34A, E34A, C34A, J34A, K34A, I34A, N34A, D34A, H34A, T34A, O34A, L34A, S34A, P34A, Q34A, Y34A, V34A, R34A, Z34A, 934A, U34A, 234A, X34A, 434A, 134A, W34A, W34A, 334A, 534A, A33A, E33A, B33A, ECSD, ECSD, C33A, F33A, G33A, AGMN, AGMN, I33A, J33A, H33A, O33A, U33A, L33A, V33A, R33A, X33A, W33A.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like Y33A Hilltop Ranch, 533A Kerrville, 933A Laredo, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like X30A Coker Ranch, 230A Sterling City, 430A Belling Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like Q24A Divide, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

IDC 14 11:22:11.5+1.6,1176N,43.96E,h0km,mb3.75, mb1 3.8/5,mb1mx3.4/44,mbtmp3.7/5, Error ellipse: s-maj=32.3km s-min=19.2km az=152.0, Ethiopia

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like VRAC Vranov, MCGM Minsk, DPC Dobruska-Polom, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like FINES, TMCAR Tamitsa, NVS Novosibirsk, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like TXAR Muntale Array, CSEM 14 11:35:25.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, GEYT Alibek, BRTR Keskin Array B, etc.

ISCJB 14 11:42:54.1±0.5, 11:85N:0°06:43:98E:0°06, h4km, mb4.0/21, Error ellipse: s-maj=10.6km s-min=6.5km az=44.1

IDC 14 11:42:54.9±0.9, 11:87N:43°90E, h0km, mb4.0/16, mb1.4/16, mb1mx3.9/53, mbtmp4.0/16, Error ellipse: s-maj=22.6km s-min=14.9km az=163.9

NEIC 14 11:42:56.7±1.2, 11:82N:43°92E, h10km, mb4.4/6, Error ellipse: s-maj=15.3km s-min=10.0km az=125.0

CSEM 14 11:42:56.9±0.7, 11:86N:43°95E, h10km, mb4.5/5, Error ellipse: s-maj=15.3km s-min=11.8km az=116.0

ISC 14 11:42:55.9±0.7, 11:85N:0°08:43:96E:0°08, h4km, m53, c1259/51, mb4.1/21, 4C-10D, Ethiopia

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

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

ISCJB 14 11:45:24.8±0.7, 12°04'N:0°08:43:80E:0°09, h4km, mb3.8/11, Error ellipse: s-maj=15.9km s-min=6.6km az=39.4

IDC 14 11:45:25.1±1.5, 11:90N:43°88E, h0km, mb3.8/9, mb1.3/9, mb1mx3.6/51, mbtmp3.0/9, Error ellipse: s-maj=39.6km s-min=10.0km az=159.0

NEIC 14 11:45:26.6±1.1, 11:84N:43°85E, h10km, mb4.1/2, Error ellipse: s-maj=27.1km s-min=13.8km az=151.0

CSEM 14 11:45:26.6±1.1, 11:84N:43°85E, h10km, mb4.1/2, After NEIC ISC 14 11:45:26.0±1.0, 11:81N:0°14:38E:0°09, h4km, n17, c1514/19, mb3.8/11, Ethiopia

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

ISCJB 14 11:47:40.5±0.8, 11:62N:0°09:43:98E:0°07, h10km, mb3.9/11, Error ellipse: s-maj=15.0km s-min=7.9km az=160.8

IDC 14 11:47:40.7±1.6, 11:78N:43°86E, h0km, mb3.8/8, mb1.3/8, mb1mx3.6/49, mbtmp3.8/8, Error ellipse: s-maj=44.6km s-min=15.4km az=159.0

NEIC 14 11:47:42.1±1.2, 11:56N:43°80E, h10km, mb4.1/3, Error ellipse: s-maj=29.0km s-min=13.9km az=160.0

CSEM 14 11:47:42.2±1.1, 11:56N:43°80E, h10km, mb4.1/3, After NEIC ISC 14 11:47:42.8±1.1, 11:77N:0°14:37E:0°10, h10km, n18, c1945/19, mb3.8/11, Ethiopia

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

JMA 14 11:56:05.9±0.2, 25°36'N:122°09'E, h255km, 3km, M3.5, Taiwan region

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

IDC 14 11:56:36.7±2.8, 11:160N:43°97E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.3/37, mbtmp3.6/4, Error ellipse: s-maj=71.0km s-min=18.6km az=163.0, Ethiopia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, KMBO Kilima Mbogo, BRTR Keskin Array B, etc.

ISCJB 14 11:57:30.4±2.3, 11°55'N:0°44:44:1E:0°11, h10km, mb3.5/5, Error ellipse: s-maj=54.1km s-min=11.2km az=165.0

IDC 14 11:57:30.2±2.8, 11°46'N:43°88E, h0km, mb3.5/5, mb1.3/6.5, mb1mx3.4/36, mbtmp3.5/5, Error ellipse: s-maj=69.0km s-min=19.9km az=165.0

ISC 14 11:57:31.6±2.5, 11°44'N:0°44:40E:0°11, h10km, n6, c0574/7, mb3.6/5, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, BRTR Keskin Array B, etc.

IDC 14 11:58:32.9±13.0, 54°22'N:160°21'E, h0km, Error ellipse: s-maj=107.7km s-min=40.4km az=55.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I44RU PETROPAVLOVSK, PETK Petropavlovsk, etc.

BUI 14 12:00:38.9±1.1, 65°N:43°10'E, h10km, mb4.7/17, mb5.0/9, Ms4.5/3, Ms7.4/13

IDC 14 12:00:45.4±1.0, 11:81N:43°98E, h0km, mb4.0/13, mb2.1/4.1/4, mb1mx3.9/35, mbtmp4.0/14, ML4.1/1, MS4.0/1, Ms1.4/0.1, ms1mx3.0/51, Error ellipse: s-maj=22.3km s-min=16.4km az=172.0

NEIC 14 12:00:47.0±0.5, 11:81N:43°99E, h10km, mb4.3/6, Error ellipse: s-maj=9.2km s-min=7.8km az=177.0

CSEM 14 12:00:46.2±0.3, 11:88N:44°01'E, h2km, mb4.4/17, Error ellipse: s-maj=10.6km s-min=3.8km az=185.0

MOS 14 12:00:46.2±1.1, 11:95N:44°04'E, h10km, mb4.5/17, Error ellipse: s-maj=17.1km s-min=6.6km az=100.4

ISC 14 12:00:47.7±1.0, 11:84N:0°09:43:96E:0°07, h13km, n6km, n154, c1909/155, mb4.3/30, 16C-10D, Ethiopia

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

14d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like OBNSK, MORAVSKY BEROU, VRAC, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GTA, EKA, KMI, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AKASG, WRA, FITZ, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like IGHG, IIVS, IIRAZ, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AAK, FRU, KOLS, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CMAR, NOA, KMI, etc.

ISCJB 14 12:39:05 1.0, 9.12'0N, 02:43:9'E, 0.1 h4km, mb4.3/7, Error ellipse: s-maj=24.7km s-min=10.6km az=155.1

IDC 14 12:39:06 1.1, 11.1'94N, 04:38'E, h0km, mb4.4/7, mb1 4.5/7, mb1mx4.0/43, mbtmpr4.3/7, Error ellipse: s-maj=33.6km s-min=25.5km az=14.0

ISC 14 12:39:06 6.1, 11.1'9N, 02:44:0'E, 0.1, h4km, n9, e08/84/9, mb4.3/7, Ethiopia

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

ISCJB 14 12:40:48 7.0, 8.11'8N, 01:14:05'E, 0.08, h4km, mb3.9/11, Error ellipse: s-maj=19.2km s-min=8.4km az=156.5

IDC 14 12:40:49 9.1, 11.1'96N, 04:01'E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.7/43, mbtmpr3.9/8, Error ellipse: s-maj=32.7km s-min=18.1km az=161.0

NEIC 14 12:40:51.4, 0.8, 11'82N, 44:01'E, h10km, mb4.2/3, Error ellipse: s-maj=20.2km s-min=13.5km az=155.0

CSEM 14 12:40:51.4, 11'82N, 44:01'E, h10km, mb4.2/3, After NEIC

ISC 14 12:40:50.4, 0.9, 11.1'9N, 01:44:00'E, 0.10, h4km, n21, e1937/22, mb4.0/11, Ethiopia

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

ellipse: s-maj=12.9km s-min=7.7km az=149.0
BUJ 14 12:48:31.1, 12:43N,43:26E, h13km, mb4.6/12, mB5.1/8, Ms4.6/4, Ms7.4/4

ISC 14 12:48:32.2-0.7, 12:0N,0:143.76E,0.08,h4km,m160, s=146/161,mb4.2/37,18C-14D,Ethiopia

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

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

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

BUJ 14 12:49:49.3, 11:55N,43:18E, h10km, mb4.6/26, mB5.1/18, Ms4.8/14, Ms7.4/5/13
ISC/BJ 14 12:49:54.9, 1.0, 11:88N,0:04:43:84E,0:03,h9km,5km, mb4.6/54,MS4.4/13, Error ellipse: s-maj=7.4km s-min=3.8km az=145.2
MOS 14 12:49:54.2, 1.5, 11:68N,43:79E, h10km, mb4.6/23, MS4.4/4, Error ellipse: s-maj=14.0km s-min=5.5km az=100.5
IDC 14 12:49:54.1, 0.8, 11:84N,43:77E, h0km, mb4.3/23, mb1.4/4/23, mb1mx4.2/45, mbtmp4.3/23, MS4.4/13, Ms1.4/4/13, ms1mx4.0/38, Error ellipse: s-maj=18.6km s-min=12.9km az=168.0
ARO 14 12:49:57.0, 12:0N,4:4'E, h5km,7km, ML5.3
GCMT 14 12:49:56.1, 0.2, 12:06N,43:94E, h12km, MW5.0/59,

14d 12h

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TAM, BZS, KKAR, BURAR, etc.

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Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PRU, BRG, BRG, BVAR, etc.

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Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NJ2, TIXI, KAPI, MAW, etc.

14d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BSO1 Boso, BSO3 Boso, BSO4 Boso, etc.

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

IS/CJB 14 13:14:24.3:0.8, 11.9N:0.1:43.8E:0.08, h10km, mb3.8/14, MS3.7/1, Error ellipse: s-maj=19.7km s-min=7.9km az=153.9

IDC 14 13:14:24.2:1.0, 11.76N:43.81E, h0km, mb3.8/13, mb1.3/9/13, mb1mx3.7/57, mbtmp3.8/13, MS3.8/1, Ms1.3.8/1, ms1mx2.9/37, Error ellipse: s-maj=26.9km s-min=15.6km az=160.0

NEIC 14 13:14:25.0:0.8, 11.73N:43.78E, h10km, mb4.6/1, Error ellipse: s-maj=17.5km s-min=12.2km az=152.0

CSEM 14 13:14:25.5:1.1, 11.73N:43.78E, h10km, mb4.6/1, After NEIC 14 13:14:25.8:1.0, 11.71N:0.1:43.82E:0.09, h10km, n26, e=117/24, mb3.8/14, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, BRTR Keskin Array B, KBZ Khabaz, etc.

IDC 14 13:16:55.7:10.0, 11.91N:44.05E, h0km, mb3.6/4, mb1.3/7/4, mb1mx3.6/1, mbtmp3.6/4, Error ellipse: s-maj=233.4km s-min=45.6km az=16.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, GERES GERES Array B, ZALV Zalevovo Beam, etc.

IS/CJB 14 13:19:51.9:0.7, 11.78N:0.09:43.95E:0.06, h4km, mb3.9/17, MS3.9/12, Error ellipse: s-maj=14.1km s-min=6.7km az=159.2

IDC 14 13:19:52.7:1.0, 11.78N:43.96E, h0km, mb4.0/17, mb1.4/1/17, mb1mx3.9/58, mbtmp3.0/17, MS3.9/12, Ms1.3.9/12, ms1mx3.6/31, Error ellipse: s-maj=22.0km s-min=15.8km az=178.0

DSN 14 13:19:58.4:0.0, 12.06N:44.01E, h10km, mb4.5/8, Ms4.8/8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

IS/C 14 13:19:53.0:0.9, 11.81N:0.1:43.99E:0.08, h4km, n48, e=091/38, mb4.0/17, MS3.9/12, 10C-9D, Ethiopia

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, OPO Ambohitrararo, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TIRR Tirgusor, MATP Matopo, CFR Carcailiu, etc.

IS/CJB 14 13:21:50.4:1.2, 11.81N:0.2:43.8E:0.1, h10km, mb3.8/9, Error ellipse: s-maj=31.7km s-min=8.8km az=157.7

IDC 14 13:21:50.3:1.5, 11.70N:43.79E, h0km, mb3.9/9, mb1.4/0/9, mb1mx3.6/57, mbtmp3.9/9, Error ellipse: s-maj=40.6km s-min=17.4km az=162.0

IS/C 14 13:21:52.0:1.4, 11.71N:0.3:43.8E:0.1, h10km, n11, e=093/11, mb3.8/9, Ethiopia

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

IDC 14 13:23:56.1:1.0, 22.96N:45.03W, h0km, mb3.7/9, mb1.4/0/9, mb1mx3.6/66, mbtmp3.7/9, MS3.5/2, Ms1.3.5/2, ms1mx3.0/43, Error ellipse: s-maj=32.5km s-min=21.1km az=171.0

IS/CJB 14 13:23:57.6:0.8, 23.0N:0.2:45.0W:0.1, h21km, mb3.7/9, MS3.4/2, Error ellipse: s-maj=25.9km s-min=17.8km az=165.0

IS/C 14 13:23:59.3:0.9, 22.93N:0.2:45.0W:0.1, h21km, n17, e=088/9, mb3.8/9, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SJG San Juan, DBIC Dimbo, H102 ASCENSION HYDR2, etc.

IDC 14 13:27:40.9:0.9, 11.67N:43.74E, h0km, mb3.9/13, mb1.4/0/13, mb1mx3.8/48, mbtmp3.8/13, Error ellipse: s-maj=24.8km s-min=15.7km az=171.0

IS/CJB 14 13:27:41.9:0.7, 11.81N:0.1:43.80E:0.07, h14km, mb3.8/13, Error ellipse: s-maj=19.3km s-min=8.5km az=159.6

IS/C 14 13:27:43.2:0.9, 11.71N:0.2:43.75E:0.09, h14km, n16, e=193/16, mb3.9/13, Ethiopia

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, KMBO Kilima Mbo, BRTR Keskin Array B, etc.

IDC 14 13:34:23.9:1.2, 11.75N:43.97E, h0km, mb3.8/11, mb1.3/9/11, mb1mx3.7/35, mbtmp3.8/11, Error ellipse: s-maj=32.0km s-min=17.1km az=162.0

IS/CJB 14 13:34:24.0:0.9, 11.81N:0.2:43.99E:0.09, h10km, mb3.8/11, Error ellipse: s-maj=24.9km s-min=8.8km az=157.5

IS/C 14 13:34:25.4:1.0, 11.77N:0.2:43.95E:0.09, h10km, n15, e=081/13, mb3.9/11, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, KMBO Kilima Mbo, EIL Elat, etc.

IS/CJB 14 13:42:55.9:2.5, 11.77N:0.4:44.1E:0.2, h10km, mb3.6/5, Error ellipse: s-maj=58.7km s-min=11.0km az=158.3

IDC 14 13:42:55.4:3.4, 11.52N:44.07E, h0km, mb3.7/5, mb1.3/5, mb1mx3.4/34, mbtmp3.7/5, Error ellipse: s-maj=79.5km s-min=23.1km az=157.0

IS/C 14 13:42:56.9:3.0, 11.53N:0.2:44.0E:0.2, h10km, n6, e=0925/7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BRTR Keskin Array B, etc.

IS/CJB 14 13:45:23.0:1.2, 11.61N:0.2:44.06E:0.07, h10km, mb3.9/14, Error ellipse: s-maj=25.6km s-min=8.0km az=165.5

IDC 14 13:45:23.7:1.5, 11.71N:43.95E, h0km, mb3.8/11, mb1.3/9/11, mb1mx3.7/33, mbtmp3.8/11, Error ellipse: s-maj=36.0km s-min=17.3km az=164.0

NEIC 14 13:45:24.9:1.1, 11.67N:43.95E, h10km, mb4.2/4, Error ellipse: s-maj=26.9km s-min=11.5km az=162.0

CSEM 14 13:45:24.8:0.9, 11.55N:44.02E, h10km, mb4.2/4, Error ellipse: s-maj=37.6km s-min=15.4km az=168.0

IS/C 14 13:45:24.9:1.6, 11.61N:0.2:44.00E:0.10, h10km, n43, e=134/33, mb3.8/14, 8C-9D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, DAMY Ar Rayn, etc.

IS/CJB 14 13:45:24.9:1.6, 11.61N:0.2:44.00E:0.10, h10km, n43, e=134/33, mb3.8/14, 8C-9D, Ethiopia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PKSM Moragy, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AKASG Malin Array Be, etc.

IDC 14 13:50:00.7, 0.8, 11.71N:43.99E, h0km, mb4.4/28, mb1 4.5/29, mb1mx4.4/39, mbtpm4.4/29, ML3.8/1, MS4.7/16, Ms1 4.7/16, ms1mx4.3/43, Error ellipse: s-maj=17.8km s-min=12.2km az=178.0

BUI 14 13:50:00.4, 1.183N:43.61E, h10km, mb4.8/44, mb5.2/38, Ms4.9/36, Ms7 4.6/38

MOS 14 13:50:02.2, 1.0, 11.87N:43.81E, h10km, mb5.1/32, MS4.5/15, Error ellipse: s-maj=11.8km s-min=4.8km az=94.4

GCMT 14 13:50:03.5, 0.2, 12.04N:43.95E, h12km, MW5.2/78, Moment Tensor Solution: s33 0.49, s78 0.154, Duration: 13.9 Moment tensor: Scale 10^17Nm; Mir-0.65, 0.2; Mw0.65±0.1; Mw0.00±0.2; Mw-0.20±0.4; Mw-0.38±0.1; Mw-0.10±0.6; Best double couple: Mw0.77100±0.1017 NP1±0.116, 0.0000°, 853.00000°, -89.00000°. NP2: 0±293.00000°, 837.00000°, Azm205.00000°; N - 0.1740, P1g1.00000°, Azm295.00000°; P - 0.6840, P1g1.00000°, Azm32.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=40s.

NEIC 14 13:50:03.5, 0.3, 11.93N:43.94E, h10km, mb5.0/24, Error ellipse: s-maj=7.5km s-min=6.3km az=121.0

ISCJB 14 13:50:03.3, 1.0, 11.91N:43.79E, h13km, 6km, mb4.8/36, MS4.6/29, Error ellipse: s-maj=5.6km s-min=4.3km az=176.1

CSEM 14 13:50:04.3, 0.2, 11.95N:43.91E, h10km, mb5.0/62, Error ellipse: s-maj=7.3km s-min=7.1km az=38.0

BGR 14 13:51:12.9, 15.80N:43.86E, h33km, mb4.2, ISC 14 13:50:05.0, 2.0, 12.01N:43.78E, h16km, 2km, h15km; p-P, n426, c153/466, mb4.8/96, MS4.5/31, 29C-22, Western Arabian Peninsula

Main table for station 667 with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ATD Arta Tunnel, DAMY Dhamar, DAMY Dhamar, DAMY Dhamar, FURI Furi, etc.

Main table for station 2010 NOV with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GNI Garni, GNI Garni, GNI Garni, GNI Garni, GNI Garni, etc.

Main table for station 14d 13h with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KIS Kishinev, KIS Kishinev, KIS Kishinev, KIS Kishinev, KIS Kishinev, etc.

14d 13h

Table with columns for station name, frequency, power, and coordinates. Includes stations like UZH Galich'ya Gora, LPSR, KBK Karagaybulak, etc.

2010 NOV

Table with columns for station name, frequency, power, and coordinates. Includes stations like GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, etc.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like TMCR Tamitsa, TMCR, MHMT Maesarieng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WLF, KLMM, WMQ, MEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like XAN, SONM, ULN, HHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG, ARIG, PLIG, etc.

14d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PALK, MLR, MUR, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, AAK, AAL, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC, MOA, VRAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SONM Songino Array, XMIS Christmas Isia, etc.

ISCJB 14 14:46:20.5:0.7, 11:56N:0.08:44.07E:0.06, h10km, mb4.1/17, Error ellipse: s-maj=12.8km s-min=7.4km

CSEM 14 14:46:20.9:0.1, 11:60N:44.08E, h2km, mb4.2, Error ellipse: s-maj=23.2km s-min=13.3km az=160.0

IDC 14 14:46:20.1:1.3, 11:51N:44.02E, h0km, mb4.0/14, mb1.4/14, mb1mx3.9/5.0, mbmp4.0/14, Error ellipse: s-maj=30.9km s-min=15.1km az=165.0

NEIC 14 14:46:22.2:1.0, 11:65N:43.99E, h10km, mb4.2/3, Error ellipse: s-maj=23.3km s-min=13.0km az=155.0

ISC 14 14:46:22.3:0.9, 11:60N:0.1:44.00E:0.08, h10km, n46, e1543.48, mb4.1/17, AZ'-10D, Western Gulf of Aden

Main table for station 677, listing various stations like Arta Tunnel, DMY Dhamar, etc., with their respective coordinates and phases.

AUST 14 14:49:07.8:0.5, 3:75S:99:96E, h0km, Error ellipse: s-maj=14.6km s-min=5.5km az=54.0

ISCJB 14 14:49:10.2:1.3, 3:81S:0:04:100:04E:0.04, h27km, 8km, mb4.6/57, MS3.6/2, Error ellipse: s-maj=9.2km s-min=3.5km az=39.5

IDC 14 14:49:11.9:0.6, 3:88S:99:99E, h28km, 2km, mb4.2/23, mb1.4/3/26, mb1mx4.2/47, mbmp4.4/26, MLI.3/2, MS3.8/2, Ms1.3/9/2, ms1mx3.2/54, Error ellipse: s-maj=18.0km s-min=9.3km az=41.0

MOS 14 14:49:11.0:0.9, 3:77S:100:12E, h33km, mb5.0/24, Error ellipse: s-maj=15.9km s-min=7.7km az=109.1

NEIC 14 14:49:12.0:4.3, 7:29S:100:05E, mb4.9/10, Error ellipse: s-maj=10.4km s-min=5.6km az=46.0

DJA 14 14:49:15.1:0.4, 4:5:3:10:0E, h47km, 8km, M4.8/8, mb4.8/8, mb4.9/4, Mlv5.0/4, Mw(mB)4.2/4, Mw(p6.6/1

ISC 14 14:49:12.4:0.6, 3:77S:0:05:100:01E:0.05, h27km, 3km, h27km; pP-P, n180, e1926/179, mb4.6/56, MS3.7/3, 5C, Southern Sumatra

Main table for station 677, listing various stations like Pulau Pagai, Maura Aman, etc., with their respective coordinates and phases.

Main table for station 2010 NOV, listing various stations like Pangkal Pinang, Cibinong, etc., with their respective coordinates and phases.

Main table for station 14d 14h, listing various stations like KSRs, KSRs Korea Array, etc., with their respective coordinates and phases.

14d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GPCP, GO Pecny, Ondr, and various other frequencies.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like TMCR Tamitsa, NVS Novosibirsk, ZAAO Zalesovo Array, and various other frequencies.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DAG Danmarks Havn, DAG Danmarks Havn, and various other frequencies.

ISCJB 14 15:05:12.9-0.8, 11:65N:0:09:44:01E:0:07, h10km, mb4.0/20, Error ellipse: s-maj=14.3km s-min=7.4km az=153.4

IDC 14 15:05:13.2-1.4, 11:72N:43:93E, h0km, mb3.9/15, mb1.4/15, mb1mx3.9/15, mbtms3.9/15, Error ellipse: s-maj=32.8km s-min=13.8km az=163.0

NEIC 14 15:05:14.9-1.1, 11:71N:43:90E, h10km, mb4.2/6, Error ellipse: s-maj=26.4km s-min=11.8km az=163.0

CSEM 14 15:05:14.9-0.6, 11:69N:43:94E, h10km, mb4.4/5, Error ellipse: s-maj=24.1km s-min=12.0km az=159.0

ISC 14 15:05:14.9-1.1, 11:71N:0:143.94E:0:09, h10km, n34, e15/10/35, mb4.0/20, Ethiopia

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, and various other frequencies.

Table with 5 columns: Station Name, Frequency, Band, Power, and other parameters. Includes stations like ESDC Sonseca Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, etc.

IDC 14 15:06:28.9.0.5, 11.88N-43.67E, h0km, mb4.6/30, mb1 4.7/31, mb1mx4.6/48, mbtmp4.6/31, ML3.8/1, MS4.9/5, MS1 4.9/5, ms1mx4.1/40, Error ellipse: s-maj=1.4,1km s-min=1.1,3km az=175.0,

ISCJB 14 15:06:29.6.1.5, 11.73N-0.04-43.62E-0.03, h11km, g9km, mb5.1/133, MS4.7/19, Error ellipse: s-maj=6.2km s-min=4.1km az=5.2

MOS 14 15:06:29.4.1.6, 11.73N-43.68E, h10km, mb5.4/48, MS4.6/16, Error ellipse: s-maj=9.7km s-min=4.4km az=93.9

NEIC 14 15:06:30.6.0.7, 11.91N-43.65E, h12km, 4km, mb5.3/36, Error ellipse: s-maj=7.4km s-min=6.0km az=199.0

GCMT 14 15:06:30.6.0.2, 12.03N-43.91E, h12km, MW5.2/77, Moment Tensor Solution, s8,c14; s77,c160; Duration: 1s7 Moment tensor: Scale 10^17Nm; Mr-0.82, 0.2;

M=0.03, 0.2; M=0.03, 0.2; M=0.17, 0.6; M=0.32, 0.2; M=0.08, 1.0; Best double couple: M=0.88400x10^17 Nf1=11.00000; s=1.00000; A=89.00000; Nf2=phi=293.00000; 3.70.2299; A=92.00000; Principal axes: T 0.9260, Plg6.0000; Azm200.0000; N -0.0840, Plg1.0000; Azm290.0000; P -0.8420, Plg84.0000; Azm29.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=35s.

BUI 14 15:06:31.5, 11.89N-43.92E, h10km, mb5.0/59, mb5.5/36, MS5.1/45, MS7 4.8/41

CSEM 14 15:06:31.1.0.2, 11.83N-43.72E, h10km, mb5.3/53, Error ellipse: s-maj=8.2km s-min=6.7km az=19.0

BGR 14 15:06:58.1, 15.40N-44.11E, h33km, mb5.0

ISC 14 15:06:32.0.0.4, 11.86N-0.05-43.64E-0.04, h14km, 1km, h11km, P-P, t1968/593, mb5.2/137, MS4.6/21, 41C-42D, ETHiops

Main station list table with columns: Code, Station Name, Frequency, Band, Power, and other parameters. Includes stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, KMBO Kilima Mbogo, etc.

Main station list table with columns: Station Name, Frequency, Band, Power, and other parameters. Includes stations like MNNKR ALMNNKUR, IMHD Mahdasht, SLNF Sliefch, etc.

Main station list table with columns: Station Name, Frequency, Band, Power, and other parameters. Includes stations like ISR Istrita, MLR Muntele Rosu, MLR Muntele Rosu, etc.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like ICHK, IKOO, ITEG, etc.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like KIEV, AKASG, KOLN, etc.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like FINES, NVS, ZAAO, etc.

ISCJB 14 15:17:26.0±1.5, 11.7°N; 0.2°43'9E; 0.1, h10km, mb3.6/5, Error ellipse: s-maj=37.8km s-min=10.6km az=160.1

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, Power, SNR, etc. Includes stations like Huff, Dupree, Myrvik Farm, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, Power, SNR, etc. Includes stations like ULN, MNTX, L38A, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, Power, SNR, etc. Includes stations like WRA, ASAR, TOR, etc.

14d 15h

Table with columns: FITZ, WRA, WRA, WRA, ASAR, ASAR, TXAR, TXAR, TXAR. Includes station names like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

ISCJB 14 15:43:21.3, 0.5, 24.43N, 0.03, 121.75E, 0.03, h13km, 4km, Error ellipse: s-maj=5.7km s-min=4.0km az=149.8

Main table for 14d 15h section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Lists various stations like ENA, TWC, ENTT, etc.

MEX 14 15:46:17.1, 0.4, 17.04N x 100.45W, h5km, MD3.5, Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC.

GUC 14 15:50:05.1, 7.21, 222S, 69.00W, h114km, 12km, ML3.7, Northern Chile. Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC.

ISCJB 14 15:54:50.4, 1.1, 11.8N, 0.2, 43.7E, 0.1, h10km, mb3.6/9, Error ellipse: s-maj=28.4km s-min=8.9km az=152.8

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Lists stations like ATD, KMBQ, BRTR, etc.

ISCJB 14 15:55:16.9, 1.3, 11.7N, 0.2, 43.8E, 0.1, h14km, mb3.9/9, MS4.0/3, Error ellipse: s-maj=31.3km s-min=9.1km az=158.6

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IDC 14 15:55:16.1, 1.6, 11.68N, 0.43, 73E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/37, mbtmp3.8/7, MS4.0/4, Ms1 4.0/4, ms1mx3.3/43, Error ellipse: s-maj=42.5km s-min=15.5km az=161.0

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Lists stations like ATD, KMBQ, BRTR, etc.

IDC 14 15:57:19.9, 0.9, 0.62S, 133.08E, h0km, mb4.1/6, mb1 4.4/9, mb1mx4.0/35, mbtmp4.2/9, ML4.2/3, MS3.6/1, Ms1 3.6/1, ms1mx2.8/42, Error ellipse: s-maj=18.1km s-min=15.1km az=171.0

ISCJB 14 15:57:22.0, 0.7, 0.66S, 0.07, 133.23E, 0.05, h32km, mb4.1/6, MS3.6/1, Error ellipse: s-maj=9.6km s-min=7.6km az=17.4

NEIC 14 15:57:25.1, 0.7, 0.65S, 133.07E, h35km, mb4.1/3, Error ellipse: s-maj=13.4km s-min=10.1km az=48.0

DJA 14 15:57:25.6, 0.4, 1.5, 5, 13, 3E, h10km, M4.7/11, mb4.9/10, mb5.3/6, MLv4.6/11, Mw(MB)4.8/6

ISC 14 15:57:24.5, 0.9, 0.64S, 0.08, 133.20E, 0.09, h32km, n35, r=138/32, mb4.1/6, Irian Jaya region

Main table for 2010 NOV section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Lists various stations like SIJI, SWI, FAKI, etc.

ISCJB 14 15:58:11.0, 0.5, 11.92N, 0.06, 43.95E, 0.05, h4km, mb4.2/34, MS3.5/2, Error ellipse: s-maj=9.3km s-min=5.7km az=157.1

IDC 14 15:58:11.7, 0.7, 11.89N, 0.43, 91E, h0km, mb4.2/20, mb1 4.3/20, mb1mx4.1/38, mbtmp4.2/20, MS3.5/1, Ms1 3.6/1, ms1mx3.0/41, Error ellipse: s-maj=16.9km s-min=12.8km az=4.0

MOS 14 15:58:12.0, 0.1, 11.98N, 0.43, 93E, h10km, mb4.5/22, Error ellipse: s-maj=16.5km s-min=7.3km az=100.6

CSEM 14 15:58:13.4, 0.2, 11.93N, 0.43, 93E, h10km, mb4.0/6, Ms4.7, Error ellipse: s-maj=10.2km s-min=7.9km az=144.0

NEIC 14 15:58:13.2, 0.4, 11.98N, 0.43, 91E, h10km, mb4.2/37, Error ellipse: s-maj=9.8km s-min=8.6km az=191.0

DSN 14 15:58:16.2, 0.0, 12.08N, 0.44, 06E, h15km, mb4.2/37, Ms4.7/7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

BUI 14 15:58:18.1, 1.2, 12.50N, 44.10E, h30km, mb4.5/6, mb4.9/4, Ms4.7/2, Ms7.4/3/1

ISC 14 15:58:12.3, 0.5, 11.90N, 0.08, 43.94E, 0.07, h4km, n147, r=0595/142, mb4.2/34, 17C-18D, Ethiopia

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

688

Main table for 688 section with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Lists various stations like DAMY, RAYN, KMBQ, etc.

Table with columns: MORC, MOPC, DPC, GERES, etc. containing station names, coordinates, and technical details.

ISCJB 14 16:05:26.4+0.8, 11:8N:01:43:92E:0.07, h0km, mb4.0/15, Error ellipse: s-maj=17.2km s-min=7.8km az=156.0

IDC 14 16:05:27.0+1.1, 11:75N:43:84E, h0km, mb4.0/15, mb1 4.1/15, mb1mx3.9/41, mbtmp4.0/15, MS3.5/2

ISC 14 16:05:28.0+1.0, 11:8N:01:43:85E:0.09, h4km, n31, a146/28, mb4.0/15, 5C-4D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing various stations and their parameters.

Table with columns: SONM, ASAR, etc. containing station names and coordinates.

IPEC 14 16:06:07.1+0.2, 49:84N:18:50E, h0km, ML1.3/7, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PRU 14 16:06:08.4, 49:84N:18:39E, h0km CSEM 14 16:06:07.4+0.2, 49:84N:18:40E, h2km, ML2.1/6, Error ellipse: s-maj=6.6km s-min=3.0km az=7.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing stations in the Czech and Slovak Republics region.

AUST 14 16:18:57.0+0.8, 5:89N:125:13E, h45km, Error ellipse: s-maj=1.8km s-min=1.1km az=267.0

IDC 14 16:18:59.9+1.1, 6:00N:126:05E, h62km, 10km, mb3.7/12, mb1 3.9/13, mb1mx3.6/41, mbtmp4.0/13, MS3.1/1

ISCJBA 16:19:00.3+0.4, 6:06N:126:05E:0.05, h75km, 5km, mb3.9/12, Error ellipse: s-maj=9.0km s-min=4.8km az=170.6

MAN 14 16:19:00, 6:13N:126:12E, h57km, mb5.1, ML4.1, MS4.3

DJA 14 16:19:01, 1+0.5, 6N:5+12:6E+, h10km, M4.7/11, mb4.8/11, mb5.1/9, MLV4.9/8, MWV4.5/9

ISC 14 16:19:01, 1+0.8, 6:03N:126:01E:0.06, h66km, gkm, n52, a1852/53, mb3.9/12, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing various stations in the Pacific region.

Table with columns: QLP, USRK, NWAQ, BBOO, etc. containing station names and coordinates.

ISCJB 14 16:21:18.9+1.3, 11:8N:02:44:1E:0.1, h10km, mb3.6/6, Error ellipse: s-maj=36.4km s-min=9.6km az=159.7

IDC 14 16:21:18.6+1.1, 11:70N:44:01E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/41, mbtmp3.7/6, Error ellipse: s-maj=44.9km s-min=16.7km az=165.0

ISC 14 16:21:20.2+1.6, 11:77N:03:44:0E:0.1, h10km, n7, a093/8, mb3.7/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing stations in the Western Gulf of Aden region.

IDC 14 16:21:39.7+3.5, 11:46N:44:10E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/43, mbtmp3.7/5, Error ellipse: s-maj=83.7km s-min=31.1km az=159.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing stations in the Western Gulf of Aden region.

IDC 14 16:24:44.3+1.3, 11:47N:43:99E, h0km, mb3.9/12, mb1 4.0/12, mb1mx3.9/45, mbtmp3.9/12, MS3.9/1, MS1 3.9/11, mb1mx3.0/41, Error ellipse: s-maj=30.1km s-min=16.0km az=0.0

ISCJB 14 16:24:45.1+0.9, 11:6N:01:44:12E:0.07, h10km, mb3.8/13, Error ellipse: s-maj=19.0km s-min=8.5km az=165.9

ISC 14 16:24:46.3+1.1, 11:5N:02:44:05E:0.09, h10km, n23, a1829/22, mb3.9/13, 7C-1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. listing various stations in the Western Gulf of Aden region.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VPAQ, NVS, ZAAO, ZALV, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, KTMG, MYKOM, GYA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJI, BOD, TIA, NJ2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ, MAJO, MJAR, SNA, SNA, SNA, ERM, VNA, BILL, BILL, CASEY, HOPE, WRA, WRA, WRAB, WRAB, WRAB, ASAR, ASAR, ASO1, PKME, BBGH, LONY, NCB, FDF, QSPA, GRGR, COLA, ILAR, EGAK, PTGA, PMG, CTAO, CBN, EFI, GLMI, FFC, CNNC, AAM, GRTK, SAML, SAML, SBA, BLA, EYMN, ACSO, COWI, SDDR, KDAK, TRQA, AGMN, NHSC, JFWS, SDV, GTBY, HDIL, GOGA, SCIA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DGMT, ECSD, MTDJ, LVC, LVO, EGMT, BRAL, LCO, KSIU, NEW, GCMT, GMCT, RLMT, BOZ, MIAR, OGNE, CBKS, NLWA, HAWA, BCIP, BW06, PDAR, AHID, ISCO, HLID, OTAV, WMOK, NNA, HWUT, SDCO, TEIG, WVOR, MIDW, DUG, JTS, DZM, ANMO, NVAR, WUAZ, MINTX, MINTX, TARA, TXAR, TXAR, TUC, XMAS, RAR, TBI, PTCN, PPT2, RKT, ROM, CAMP, SMA1, LNSS, LNSS, ROM, CAMP, SMA1, LNSS, LNSS, TARR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC, BRTR, KBZ, AKASO, TORD, DPC, GERES, KHC, GOPO, PRU, PVCC, ESDC, CMAR, WRA, ASAR, TXAR, SMG, SMG, SMG, AYDB, AYDB, IZM, IZM, BDRM, BDRM, URLA, URLA, URLA, AKHS, AKHS, AKS, AKS, AKS, AKS, CHOS, CHOS, MANT, MANT, MANT, KULA, KULA, NIS1, NIS1, DKL, DKL, DENT, DENT, TURN, TURN, TURN, DALY, DALY, DALY, PRK, PRK, PRK, SIGR, SIGR, BUC, GRER, GRER, GRER, PETR, PETR, ISR, ISR, ISR, VRI, VRI, VRI, PLOR, PLOR, PLOR, MLR, MLR, MLR, CFR, CFR, CFR, HARR, HARR, HARR, TESR, TESR, TESR, TLB, TLB, TLB, DOPR, DOPR, DOPR, TLOR, TLOR, TLOR, TVR, TVR, TVR, LEOM, LEOM, LEOM, TIRR, TIRR, TIRR.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubik, AKASG Malin Array Be, etc.

ISC/JB 14 17:21:38.8±1.0, 11:9N:0.2:43:5E:0.1, h10km, mb3.7/7, Error ellipse: s-maj=27.1km s-min=9.4km az=142.3

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, BRTR Keskin Array B, etc.

ISC 14 17:21:40.4±1.1, 11:9N:0.2:43:5E:0.1, h10km, n8, n08/90, mb3.7/7, Ethiopia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, BRTR Keskin Array B, etc.

DDA 14 17:24:42.0, 39:54N:26:38E, h7km, Md2.4 CSEM 14 17:24:42.0, 39:54N:26:34E, h2km, Md2.8, Error ellipse: s-maj=6.1km s-min=3.1km az=89.0

Table with columns: SIGR, SIGRI, 0.50 230, ePB, Pg, 17 24 51.7 -0.7, etc. Includes stations like LIA Limnos Island, SMTH Samothraki Isl, etc.

ISC/JB 14 17:39:15.9±0.4, 11:91N:0.05:43:97E:0.04, h4km, mb4.5/64, MS4.5/37, Error ellipse: s-maj=6.9km s-min=4.9km az=160.7

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

BUL 14 17:39:19.0, 11:66N:44:34E, h16km, mb4.6/37, Mb5.1/23, Ms5.0/19, Ms7.4/7.19

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like EIL Elat, ASF Jabal al Asfar, IRAM Rameshah, etc.

DDA 14 17:24:42.0, 39:54N:26:38E, h7km, Md2.4 CSEM 14 17:24:42.0, 39:53N:26:35E, h9km, 3km, Md2/8.6

Table with columns: AKH Akhalkalaki, BR231 Keskin MP Arra, BR231 Keskin MP Arra, ANTO Ankara, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DMY Dhamar, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like DNZL, Denizli, Samos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR, SONM, GIL, ISCB, CSEM, NSSC, GRAL, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ATD, DAMY, DAMY, DAMY, FURI, ABTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IDC, ATD, KMB, MKAR, KURBB, SUR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ellipse, CSEM, OMAN, ISC, Arabian Peninsula, etc.

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

Table with columns for station name, frequency, power, and coordinates. Includes stations like KIV Kislovodsk, AGG Agios Georgios, MSAB Monastery St. A, and many others.

Table with columns for station name, frequency, power, and coordinates. Includes stations like LPSR Galich'ya Gora, UZH Uzhgorod, KOLS Kolonickie sedl, and many others.

Table with columns for station name, frequency, power, and coordinates. Includes stations like MKAR, TOD Tromm, KURB Kurchatov Arra, and many others.

14d 19h

Table with columns: WRA, WRA, ASAR, ASAR, ILAR, SAW, WTV. Rows include Warramunga Arr, Alice Springs, Eielson Array, Saint Andrews, Waterville.

ISCJBJ 14 19:01:11.5...0.16:65S:0.04:173.24W:0.03,h10km, mb5.1/167,MS4.6/20, Error ellipse: s-maj=6.4km s-min=3.3km az=152.3

AUST 14 19:01:11.7...0.5:16:78S:173.27W,h0km, Error ellipse: s-maj=14.8km s-min=2km az=15.0

IDC 14 19:01:11.4...0.4:16:57S:173.26W,h0km,mb4,9.20, mb1 5.0/21,mb1mx4.9/26,mbtmp4,8/21,ML3.6/1,MS4.5/19, Ms1 4.5/19,ms1mx4.4/29, Error ellipse: s-maj=17.0km s-min=13.6km az=137.0

NEIC 14 19:01:12.8...0.2:16:53S:173.30W,h10km,mb5.2/125, Error ellipse: s-maj=9.2km s-min=4.4km az=142.0

GCMT 14 19:01:12.8...0.4:16:62S:172.92W,h34km,ML,MWV5.1/67, Moment Tensor Solution, s55,c82; s67,c99; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=5.15e-24; Mw=6.4e-16; Mv=0.51e-16; Mo=1.40e-21; Mw=1.29e-13; Mw=2.18e-19; Best double couple: Mo=5.68100e+1016 NP1=238.00000°,s58.00000°,l-107.00000°; NP2: 238.00000°,s58.00000°,l-65.00000°; Principal axes: T 5.5900, P1011.0000°, Azm340.0000°, N 0.5360, P1014.0000°, Azm247.0000°, P -5.9730, P1072.0000°, Azm106.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 14 19:01:14.9...16:49S:173.29W,h24km,mb5.0/30, mb5.5/26,Ms5.2/21,Ms7 4.8/21

MOS 14 19:01:17.1...1.2:16:12S:173.27W,h33km,mb5.1/31, MS4.6/11, Error ellipse: s-maj=14.9km s-min=12.3km az=99.8

BGR 14 19:01:25.4...16:64S:173.69W,h33km

ISC 14 19:01:13.0...1.0:16:59S:0.05:173.20W:0.05,h14km,5km, n712, s1927/702,mb5.2/166,MS4.6/20,38C50, Tonga Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, Pn, ISC, h, m, s, Res, ISC. Includes stations like Afiamalau, Niue, Rarotonga, etc.

2010 NOV

Main station list table with columns: PMG, PMG, H11S2, H11S3, H11S1, CMSA, MTSU, QLP, H11N3, H11N1, H11N2, TOO, COEN, COEN, ARPS, GENI, BBOO, BBOO, WRAB, WRAB, WRAB, WRA, WRA, WRA, AS17, AS01, ASAR, ASAR, ASAR, MTN, MTN, WRKA, KNRA, SWI, BNDI, FITZ, FITZ, TNTI, SOEI, SOEI, SANI, VNSA, VNSA, VNSA, VNSA, VNSA, MEEK, LUWI, LUWI, DAV, CASY, MJAR, MJAR, MJAR, MYLDM, TSM, SCI, SAO, SDKM, PASC, 109C, MWC, KMRM, YES, MURC, BFSC, MONP, EDW, KKM, IBP, ISA, ISA, GSPA, CMB, PFO, PFO, PFO, SWSC, LRMC, WDC, PEA0, PETK, PETK. Rows include Port Moresby, Wake Island, etc.

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Main station list table with columns: PETK, N02D, O03D, BELC, MPMC, MLAC, GSC, GSC, MTUM, DAC, BC3, HEC, YBH, LBCCM, IRM, HUMO, GRAC, FURC, TUQ, M04C, SH0C, Y12C, NV01, NVAR, NVAR, 214A, I03D, K04D, J04D, I04A, MOD, SHPR, K05A, J05D, G03D, H04A, R11A, R11A, I05D, BMN, TUC, F04D, WVOR, G05D, KSM, KSM, KSM, I07A, G06A, CCUT, VLA, VLA, VLA, VLA, J08A, LON, WUAZ, WUAZ, D05A, ELK, USRK, PGC, G08A, A04D, B05A, E07A, LTY, W18A, MSU, HAWA, 121A, 121A, SPU, HABR, HABR, HABR, HABR, HABR, HABR, HABR, BMO, MFID, DUG, DUG, SUA, D08A, MDJ, MDJ, MDJ, MDJ, MDJ. Rows include Trinity Center, Belle Mtn, Mammoth Lakes, etc.

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Table with columns: MDJ, comp, PMZ, LN, LE, LZ, TRM, TTA, HLID, SPUT, O16A, B08A, CTU, SRU, LAZ, MNXX, MNXX, KLU, SCM, BNM, P18A, LPM, PV05, NJ2, NJ2, KASI, TX31, TXAR, TXAR, PV09, PV01, ANMO, NEW, NEW, MDSI, TRF, HARP, RND, AHID, MCMT, PAX, MCK, S22A, S22A, DLMT, REDW, MSO, MSO, FWXY, BWN, 529A, O20A, O20A, BSMT, SNOW, MOOW, LOHW, LRM, QLMT, FLWY, SMCO, BW06, PDAR, PDAR, 429A, YFT, WRH, 228A, YMR, DOT, MLY, BOZ, BOZ, CCB, 530A, YNR, 329A, SDCO, SDCO, 128A, KSI, COLA, COLA, MDM, QIZ, QIZ, QIZ, QIZ, QIZ, IL1, ILAR

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Table with columns: ILAR, Eielson Array, 83.57, 11, P, P, 19 13 40.2 -0.1, 631A, 430A, SEY, MSTX, MSTX, Muleshoe, 83.73, 52, eP, P, 19 13 42.7 +1.6, 19 13 43.1 +1.1, 19 13 40.0 -2.0, 19 13 43.1 +1.0, 19 13 43.2 +0.8, 19 13 42.9 +0.9, 19 13 43.7 +1.0, 19 13 43.7 +0.9, 19 13 43.9 +1.0, 19 13 43.5 +0.5, 19 13 44.2 +1.1, 19 13 43.9 +0.5, 19 13 44.8 +0.9, 19 13 44.6 +0.7, 19 13 44.7 +0.6, 19 13 45.1 +0.9, 19 13 45.8 +1.4, 19 13 45.7 +1.4, 19 13 45.2 +0.6, 19 13 45.8 +1.2, 19 13 45.2 +0.5, 19 13 45.5 +0.7, 19 13 45.7 +0.8, 19 13 46.4 +1.0, 19 13 46.4 +1.2, 19 13 44.8 -0.4, 19 13 46.1 +0.8, 19 13 46.2 +0.8, 19 13 46.2 +0.6, 19 13 46.6 +0.9, 19 13 47.1 +1.5, 19 13 47.7 +1.7, 19 13 47.3 +1.3, 19 13 44.8 -0.4, 19 13 47.2 +1.2, 19 13 47.1 +0.9, 19 13 47.7 +0.8, 19 13 46.1 -0.1, 19 13 47.8 +0.7, 19 13 48.1 +0.8, 19 13 47.9 +0.6, 19 13 48.3 +0.9, 19 13 48.2 +0.7, 19 13 49.1 +1.1, 19 13 48.3 +0.4, 19 13 49.2 +1.1, 19 13 49.0 +0.9, 19 13 49.4 +0.8, 19 13 49.5 +0.9, 19 13 49.5 +0.8, 19 13 49.8 +0.8, 19 13 49.7 +0.7, 19 13 47.8 -1.2, 19 13 50.9 +0.9, 19 13 50.9 +0.9, 19 13 51.1 +0.9, 19 13 52.9 +1.8, 19 13 51.3 +0.5, 19 13 51.9 +0.8, 19 13 52.0 +1.1, 19 13 51.8 +0.9, 19 13 52.2 +0.8, 19 13 50.4 -1.0, 19 13 52.5 +1.0, 19 13 52.6 +1.0, 19 13 52.1 +1.0, 19 13 52.0, 19 13 53.6 +0.8, 19 13 54.3 +1.5, 19 13 54.3 +1.1, 19 13 54.4 +1.1, 19 13 53.9 +0.5, 19 13 54.4 +0.9, 19 13 54.6 +0.7, 19 13 54.9 +0.8, 19 13 55.4 +0.9, 19 13 55.3 +0.7, 19 13 55.7 +1.0, 19 13 55.4 +0.6, 19 13 56.0 +0.9, 19 13 56.2 +1.1, 19 13 54.0 -0.2, 19 13 40.2 -0.1

Table with columns: BJI, Beijing, 86.42, 313, P, P, 19 13 56.5 +0.9, 435B, Jarrell, 86.53, 57, P, P, 19 13 56.9 +1.0, 233A, Whitaker Ranch, 86.53, 54, P, P, 19 13 57.0 +0.9, 234A, Claire, 86.54, 55, P, P, 19 13 56.9 +0.8, X32A, Elmer, 86.56, 53, P, P, 19 13 57.9 +1.3, V31A, Spring Creek L, 86.66, 51, P, P, 19 13 57.0 +0.7, MAW, Mawson, 86.74, 199, P, P, 19 13 57.0 +0.7, MAW, Mawson, 86.74, 199, P, P, 19 13 57.1 +0.7, MAW, Mawson, 86.74, 199, eP, P, 19 13 57.6 +1.2, MAW, Mawson, 86.77, 48, P, P, 19 13 58.1 +1.0, 134A, White-Moore Ra, 86.79, 55, P, P, 19 13 58.0 +0.8, 335A, Moody, 86.83, 56, P, P, 19 13 58.4 +0.9, W32A, Sentinel, 86.86, 52, P, P, 19 13 58.6 +1.0, Y33A, Hilltop Ranch, 86.91, 53, P, P, 19 13 58.5 +0.7, WMOK, Wichita Moun, 87.06, 53, eP, P, 19 13 59.5 +0.9, Q29A, Opatz, 87.07, 48, P, P, 19 13 59.5 +1.0, WHTX, Lake Whitney, 87.07, 56, P, P, 19 14 00.0 +1.4, RSSD, Black Hills, 87.20, 42, eP, P, 19 13 59.4 +0.1, X33A, Lawton, 87.20, 53, P, P, 19 14 00.2 +1.0, Z34A, Collier Ranch, 87.22, 54, P, P, 19 14 00.4 +1.1, IPM, Iloh, 87.23, 275, eP, P, 19 14 01.2 +1.3, 537A, Green Hill Far, 87.30, 58, P, P, 19 14 00.9 +1.2, 135A, Vickery Place, 87.31, 55, P, P, 19 14 01.0 +1.2, R30A, Dighton, 87.33, 49, P, P, 19 14 00.8 +0.9, I25A, Rochford, 87.35, 43, P, P, 19 14 00.6 +0.7, J26A, Sides Ranch, S, 87.47, 43, P, P, 19 14 01.5 +1.1, Y34A, Reagan Ranch, 87.56, 54, P, P, 19 14 01.8 +0.9, S31A, Mullinville, 87.64, 50, P, P, 19 14 02.4 +1.1, Z35A, Perchaven, San, 87.72, 54, P, P, 19 14 03.2 +1.5, 236A, Katherine and, 87.81, 56, P, P, 19 14 03.2 +1.0, P30A, Selden, 87.85, 48, P, P, 19 14 03.4 +1.1, CKB, Cedar Bluff, 87.93, 49, P, P, 19 14 03.5 +0.9, 136A, Ennis, 87.98, 55, P, P, 19 14 03.9 +0.9, 337A, Centerville, 88.08, 57, P, P, 19 14 04.8 +1.3, J27A, Elkhorn Farm, 88.16, 44, P, P, 19 14 05.2 +1.5, HIA, Hialar, 88.25, 323, eP, P, 19 14 03.7 -0.2, Z36A, Blue Ridge, 88.33, 55, P, P, 19 14 06.0 +1.4, 237A, Washetta, Mont, 88.38, 56, P, P, 19 14 06.4 +1.6, R32A, Long Quarter, 88.52, 49, P, P, 19 14 06.8 +1.3, 338A, Crockett, 88.55, 57, P, P, 19 14 06.7 +1.0, PLCA, Paso Flores, 88.57, 132, P, P, 19 14 07.7 +1.8, PLCA, Paso Flores, 88.57, 132, P, P, 19 14 07.7 +1.8, PLCA, Paso Flores, 88.57, 132, P, P, 19 14 07.2 +1.3, PLCA, Paso Flores, 88.57, 132, eP, P, 19 14 08.2 +2.3, W35A, Tecumseh, 88.67, 53, P, P, 19 14 07.3 +1.0, Y36A, Durant, 88.68, 54, P, P, 19 14 07.7 +1.5, J28A, Allard Ranch, 88.74, 44, P, P, 19 14 07.4 +1.0, PSI, Prapat, 88.76, 273, P, P, 19 14 07.5 +0.3, PSI, Prapat, 88.76, 273, P, P, 19 14 07.6 +0.3, PSI, Prapat, 88.76, 273, eP, P, 19 14 07.7 +0.4, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, 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+8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 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+8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 298, P, P, 19 17 39.8 +3.5, GYA, Guiyang, 88.77, 298, P, P, 19 24 33.3 -3.3, GYA, Guiyang, 88.77, 298, P, P, 19 24 51.5 -2.9, GYA, Guiyang, 88.77, 298, P, P, 19 30 47.0 +0.3, GYA, Guiyang, 88.77, 298, P, P, 19 14 08.0 +1.0, GYA, Guiyang, 88.77, 298, P, P, 19 14 19.8 +8.2, GYA, Guiyang, 88.77, 2

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like BHK Bhakra, MNAS Manas, UCH Uchtor, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like BVAO, BVAR Borovoye Array, BRVK Borovoye, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like FINES, ARCES ARCESS Array B, VRAC Vranov, etc.

ISCBJ 14 20:18.00.2: 1.1, 11.88N, 0.04: 43.67E: 0.03, h1km, 6km, mb4.676, MS4.5/28, Error ellipse: s-maj=6.3km, s-min=5.1km az=159.5

14d 20h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Abries, Luceram, Montbardon, Rocca Rossa, Imperia, Rocca Remolon, Revere, Calern, Quiliano, Reno Superiore, Finale Ligure, Bardonecchia, Piancastagn, La Foret Royal, Lago del Serru, Oris-En-Rattie, La Plagne, Grand'Maison, Yuma Desert, Imperial Bould, Simiane la Rot, Grenoble, Saint-Julien-I, Pioggiola, La Chapelle, Ste Croix, Signal de Mont.

2010 NOV

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hinteralfeld, Avril sur Loir, Haudompre, Saint Saulege, Calviac, Bois d'Agland, Champ du Feu, Fort de Pagny, Cerro Prieto, Yuma Desert, Imperial Bould, San W. Stewart, Glamis, El Zacaton, San Pedro Mart, Cerro Bola, Monument Peak, Esteban Cantu, Barrett, Punta Banda, Blythe, Camp Elliot, Pinyon Flat Ob, PFO.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinyon Flat Ob, Organ Pipe Nat, Organ Pipe Nat, Murcieta, Big Bear Solar, Goldstone, Tucson, SHPR, WUAZ, Wupatki, Cookes Peak, D, Wu-fen Shan, Neicheng, Nanau, Nioudou, Sanguang, Nan Shan, Chiawan, Irimote-Funau, Tachien, Hehuan Shan, Shilin, Kuro-shima, Ishigaki jima, Ishigakijima, Sun Moon Lake, Yuch, Tarama, Alishan, Tsauling, Arta Tunnel, Keskin Array B, Keskin Array A, Ambohitrampompo, Lusaka, Khabaz, Ala-Archa, Lobatse, GERES, Makanachi Array, Kurchatov Arra, Zalevoo Beam, Chiang Mai Arr, Soningo Array, ASCENSION HYDR.

14d 22h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, Phase ID. Includes stations like ZALV Zalesovo Beam, ZAA1 Zalesovo Array, BVAR Borovoye Array, etc.

ISC/JB 14 22:05:39.4-0.2, 43.22N-0.01x0.19W:0.01, h12km, 1km, Error ellipse: s-maj=1.8km s-min=1.5km az=152.9

CSEM 14 22:05:40.9-0.1, 43.16N:0.17W, h5km, ML3.8/45, Error ellipse: s-maj=1.6km s-min=1.2km az=149.0

STR 14 22:05:41.9-0.1, 43.05N:0.19W, h5km, ML3.4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

MRB 14 22:05:42.0, 43.17N:0.20W, h9km, 6km, ML3.3/4, Error ellipse: s-maj=8.2km s-min=0.4km az=182.0

LDG 14 22:05:42.7-0.1, 43.10N:0.18W, h2km, MD3.6/3, ML3.7/46, Error ellipse: s-maj=1.1km s-min=0.9km az=161.0

MDD 14 22:05:42.4-0.2, 43.07N:0.20W, h5km, 2km, mblg3.4/40, Error ellipse: s-maj=2.2km s-min=1.2km az=179.0

PRXIMO MDD EMS: II INTENSIDAD MAXIMA-ESPAA. INMG 14 22:05:43.6-1.5, 43.01N:0.25W, h6km, 2km, ML3.2, Error ellipse: s-maj=3.3km s-min=2.1km az=40.0

ISC 14 22:05:40.9-0.5, 43.10N:0.01x0.20W:0.01, h5km, 4km, h357, s1972/508, 11-CZ, Pyrenees

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, Phase ID. Includes stations like PYLO Lourdes, REYF Montagne du Re, LABF Labassere, etc.

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Table with columns: S/JPF, Station Name, Az, El, P, Res, Time, Res, ISC, Phase ID. Includes stations like Ste Jean, Ste Jean, Ste Jean, etc.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, Phase ID. Includes stations like CLLI Livlia, CLLI Livlia, CLLI Livlia, etc.

14d 22h

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

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

718

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

14d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AVF, Sonseca Array, Signal de Mont, Saint Saulge, Oris-en-Rattie, La Moudre, La Plagne, Lormes, Pontenova, and Quistinic.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like QUIF, Montbardon, Gorrion, La Murta, Saint Gilles, Plascencia, La Druitiere, Moncorvo, MVO, LPL, LPG, LOR, FLN, and ROSF.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ROSF, Rostrenen, Huescar, La Chapelle, Quesada, Adamuz, Agolada, Vila Real, Polo, Elob, Eada, Gora, PGAV, MTE, PVIS, SFTF, ENIJ, PCBR, and MEZF.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like La Plagne, Huescar, Badajoz, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Badajoz, Montargil, Champ du Feu, Evora, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sigues, Ste Jean, Musera, Aspur, etc.

CSEM 14 22:21:38.8, 0.1, 43.11N, 0.18W, h5km, ML3, 1/16, Error ellipse: s-maj=2.1km s-min=1.2km az=171.0, LDG 14 22:21:40.0, 0.1, 43.09N, 0.18W, h2km, Md2, 6/1, M13, 1/17, Error ellipse: s-maj=1.8km s-min=1.3km az=171.0, MDD 14 22:21:40.0, 0.2, 43.05N, 0.20W, h1km, mb2, 7/30, Error ellipse: s-maj=3.1km s-min=1.3km az=2.0, PRXIMO STR 14 22:21:40.1, 0.1, 42.98N, 0.19W, h5km, M12, 4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, ISC 14 22:21:39.8, 0.8, 43.09N, 0.02, 0.18W, 0.01, h16km, 5km, n151, 01976/154, Pyrenees

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Montagne du Re, Labassere, View, Etsaut, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YSOS, EALK, IUSE, IUNC, SALF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Residual. Includes stations like WRKA Warakuma, FITZ Fitzroy Crossi, MJAR Matsuyama-Watz, etc.

ISCJB 14 22:56:32.1±1.3, 11°6N, 02°44'02E, 0.08, h10km, mb3.8/12, Error ellipse: s-maj=28.4km s-min=8.7km az=164.3

IDC 14 22:56:32.0±1.6, 11°54N, 43°94E, h0km, mb3.8/12, mb1 3.9/12, mb1mx3.7/39, mbtmp3.8/12, Error ellipse: s-maj=36.7km s-min=15.0km az=167.0

ISC 14 22:56:33.8±1.5, 11°6N, 02°43'94E, 0.10, h10km, n15, az=156/14, mb3.9/12, Ethiopia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Residual. Includes stations like ATD Arta Tunnel, KMBO Kilima Mbojo, EIL Elat, etc.

ISCJB 14 22:59:50.3±0.2, 22°64S, 0°03'66E, 57W, 0.03, h200km, mb4.6/111, Error ellipse: s-maj=4.9km s-min=3.7km az=42.8

NEIC 14 22:59:51.7±0.5, 22°72S, 66°63W, h198km, 4km, mb4.7/99, Error ellipse: s-maj=6.2km s-min=4.3km az=57.0

GCMT 14 22:59:51.9±0.5, 22°86S, 66°93W, h237km, 4km, MW5, 1/61, Moment Tensor Solution, s21, c25, s61, c81, Duration: 0

Moment tensor: Scale 10^19Nm, M1=0.825, 32; M2=1.532, 33; M3=0.703, 40; M4=0.112, 23; M5=0.112, 32; M6=0.02, 24; Best double couple: M5, 0.02000, 1016

NP1=1.00000, 890.00000; λ=89.00000; NP2: 0.109, 0.00000; δ1, 0.00000; λ=161.00000; Principal axes: T 4.2360, Plg45.0000; Azm90.0000; N 1.5330, Plg1.0000; Azm181.0000; P -5.7680, Plg45.0000; Azm272.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 14 22:59:51.1, 22°70S, 66°60W, h207km, mB5.1/3, IDC 14 22:59:52.3±0.7, 22°66S, 66°62W, h204km, 7km, mb4.2/15, mb1 4.3/21, mb1mx4.1/32, mbtmp4.7/21, MS3.2/1, Ms1 3.4/1, ms1mx3.0/21, Error ellipse: s-maj=11.8km s-min=9.3km az=37

GUC 14 22:59:53.2±0.5, 22°62S, 67°33W, h271km, 4km, ML5.8, SJA 14 22:59:53.8±1.0, 22°78S, 66°79W, h207km, 24km, MD5.0, ML4.0, MW4.1

ISC 14 22:59:51.6±0.3, 22°71S, 0°05'66E, 71W, 0.05, h200km, n456, s1902/465, mb4.7/111, 1C, Jujuju Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Residual. Includes stations like YJA Yavi, HJA Humahuaca, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Residual. Includes stations like ATAH Atahualpa, PTGA Pitinga, PTGA Pitinga, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Residual. Includes stations like 233A Rising Star, 134A White-Moore Ra, 529A Steve Forest Ra, etc.

Table with columns: Call Sign, Name, Power, Class, Frequency, and other details. Includes entries like MXTX Muleshoe, T34A McClaskey Farm, X28A Dimmitt, etc.

Table with columns: Call Sign, Name, Power, Class, Frequency, and other details. Includes entries like H36A Jesseland, ECSD EROS Data Cent, WUAZ Wupatki, etc.

Table with columns: Call Sign, Name, Power, Class, Frequency, and other details. Includes entries like VES Vestal, B29A Wagenman Farm, AHID Auburn Hatcher, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SQR, GLL, HSAF, etc.

2010 NOV

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AWWB, SZH, PAIG, etc.

14d 23h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AK11, KIEV, VRH, etc.

Table with columns: MORC, Moravsky Berou, 18.79 320 eP, P, 23 12 46.7 -0.2, etc. Includes stations like MINSK, MOGHAN, OBIR, etc.

Table with columns: UOSS, Wadi Hilu, 20.83 118 eP, P, 23 13 09.3 +0.1, etc. Includes stations like HADSS, HATTA, VILACOLLEMAND, etc.

Table with columns: MUD, Monsted Ugrnd, 26.85 326 iP, P, 23 14 08.2 +0.4, etc. Includes stations like KABUL, KARATAY ARRAY, HAGFORS, etc.

14d 23h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MDM Murphy Dome, COLA College, EGAK Eagle, etc.

2010 NOV

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like A30A Hoffart Farm, KDOK Kodiak Island, B31A Greenbush Farm, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like H28A Mission Ridge, G26A Maurine, EGMT Egleton, etc.

Table with columns: YFT, Old Faithful, 93.94 337 eP, P, 23 21 47.8 +2.3, etc.

Table with columns: ATE, 54nm, 0.1s, SNR=7.9, Lg, Lg, 23 19 03.1, etc.

Table with columns: SJAF, 2.3nm, 0.2s, SNR=7.9, 2.34 103 Pg, Pb, 23 19 34.0 +1.1, etc.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and Time. Includes stations like Saint Saulge, La Chapelle, and various LMR, ECAL, and EPON stations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and Time. Includes stations like La Chapelle, Roostrenre, Quesada, Agolada, and various ELOB, EADA, and SELV stations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and Time. Includes stations like Baives, Dourbes, Givet, and various SNF, PNCL, and PVAO stations.

PGC 14 23:20:25.6:15.0, 47.70N, 128.96W, h10km, ML3.1/23, Mw3.7/23, 276km Wsw of Tofino, Bc Off Coast Of Washington

ISCJB 14 23:20:28.5:1.0, 47.97N, 128.06W, 128.5W, 0.1, h8km, mb3.0/1, Error ellipse: s-maj=1.2km s-min=6.9km az=149.3

ISC 14 23:20:30.6:1.4, 48.03N, 128.47W, 0.09, h8km, n52, s-min=16.9km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Lists various station codes and their corresponding data.

IDC 14 23:22:06.1:2.8, 47.98N, 128.48W, h0km, mb3.5/2, mb1.3/7.6, mb1mx3.5/4.7, mbtmp3.4/6, ML3.6/4, Error ellipse: s-maj=66.9km s-min=19.0km az=60.0, Off coast of Washington

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Lists station codes and their corresponding data.

IDC 14 23:25:34.8:0.7, 12.04N, 43.99E, h0km, mb4.6/3/1, mb1.4/6.32, mb1mx4.5/5.4, mbtmp4.5/32, ML3.3/1, MS4.4/28, Ms1.4/4/28, ms1mx4.2/4.0, Error ellipse: s-maj=18.3km s-min=12.2km az=39.0

ISCJB 14 23:25:33.5:0.3, 12.03N, 0.0:43.98E:0.03, h14km, mb4.7/102, MS4.4/36, Error ellipse: s-maj=5.1km s-min=3.8km az=4.9

MOS 14 23:25:33.4:1.1, 12.19N, 43.99E, h10km, mb4.9/53, MS4.4/17, Error ellipse: s-maj=10.3km s-min=4.6km az=94.5

BUI 14 23:25:33.6, 12.26N, 44.20E, h6km, mb4.7/40, mb5.1/28, Ms4.9/22, Ms7.4/6/19

GCMT 14 23:25:34.8:0.2, 12.10N, 44.19E, h12km, MWS.1/85, Moment Tensor Solution. s31,c41; s85,c169; Duration: 1s2 Moment tensor: Scale 10^16Nm; Mr=5.55t; 13; Mw=4.97t; 10; Mo=0.58t; 12; Ma=0.31t; 32; Mb=1.18t; 10; Mm=2.45t; 43; Best double couple: Ms=86300x10^16 Np1s, 30.0000; s50.0000; l=-64.0000; NP2: phi=86.0000; delta=0.0000; lambda=118.0000; Principal axes: T 5.2760, P1g2.0000; Azm15.0000; P -6.5000, P1g70.0000; Azm280.0000; nsta1 refers to body waves, cutoff=48s. nsta2 refers to surface waves, cutoff=35s.

NEIC 14 23:25:34.8:0.2, 12.12N, 44.01E, h10km, mb4.9/33, Error ellipse: s-maj=4.8km s-min=4.1km az=222.0

az=350.0
CSEM 14 23:25:35.1,0.1,12.10N-43.98E,h10km,mB4.844,M5.2,
Error ellipse: s-maj=5.6km s-min=4.8km az=5.0
BGR 14 23:25:41.9,13.78N-45.53E,h33km,mB4.4
ISC 14 23:25:35.7,0.5,12.11N,0.05,43.98E,0.04,h14km,2km,
h1km;pP-P,461,1918/478,MB5.7/106,MS4.4/37,
44C-17D,Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Lists various stations and their associated data points.

Table with columns: BRTR, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Keskina Array, Akhalkalaki, David-gareji, etc.

Table with columns: DRGR, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Novokhopovorsk, Kesra, Storozhevoye, etc.

ARSA	Arzberg	42.41 331	iP	P	23 33 30.0 +0.1
ARSA	Arzberg	42.41 331	P	P	23 33 30.0 +0.1
RAMN	Ramite	42.58 63	eP	P	23 33 30.1 -1.7
CONA	Conrad Observa	42.74 332	iP	P	23 33 33.0 +0.4
CONA	Conrad Observa	42.74 332	P	P	23 33 33.0 +0.4
OJC	Ojcow	42.87 337	eP	P	23 33 32.0 -1.5
OJC	Ojcow	42.87 337	eP	P	23 33 32.1 -1.5
OJC	Ojcow	42.87 337	eP	P	23 33 33.3 -0.2
OJC	Ojcow	42.87 337	eP	P	23 33 33.3 -0.2
VLC	Villacollemand	43.02 324	eP	P	23 33 34.2 -0.7
VLC	Villacollemand	43.02 324	eP	P	23 33 34.1 -0.7
OKC	Ostrava-Krasne	43.21 336	eP	P	23 33 34.6 -1.7
OKC	Ostrava-Krasne	43.21 336	eP	P	23 33 34.6 -1.7
OKC	Ostrava-Krasne	43.21 336	eP	P	23 33 34.6 -1.7
OBN	Obninsk	43.30 354	iP	P	23 33 37.2 +0.4
OBN	Obninsk	43.30 354	iP	P	23 33 36.7 -0.1
OBN	Obninsk	43.30 354	iP	P	23 40 08.1 +4.5
OBN	Obninsk	43.30 354	iP	P	23 40 08.1 +4.5
MORC	Moravsky Berou	43.41 335	eP	P	23 33 37.8 -0.2
MORC	Moravsky Berou	43.41 335	eP	P	23 33 37.8 -0.2
MOA	Molin	43.43 331	iP	P	23 33 38.1 0.0
MOA	Molin	43.43 331	P	P	23 33 38.1 0.0
VRAC	Vranov	43.45 334	iP	P	23 33 37.7 -0.6
VRAC	Vranov	43.45 334	P	P	23 33 37.7 -0.6
VRAC	Vranov	43.45 334	iP	P	23 33 38.6 +0.4
TAPN	Tapejung	43.63 63	iP	P	23 33 38.8 -1.6
PDGK	Podgomoye	43.66 38	iP	P	23 33 38.9 -1.0
PDGK	Podgomoye	43.66 38	iP	P	23 33 38.9 -1.0
TREC	Trest	43.92 333	eP	P	23 33 41.3 -0.7
TREC	Trest	43.92 333	eP	P	23 33 41.3 -0.7
TREC	Trest	43.92 333	eP	P	23 33 41.3 -0.7
KRLC	Kraliky	43.95 335	eP	P	23 33 42.3 0.0
KRLC	Kraliky	43.95 335	eP	P	23 33 42.3 0.0
BOSA	Bosohy	44.35 204	LR	LR	23 52 18.8
DPC	Dobruska-Polom	44.35 335	eP	P	23 33 45.0 -0.5
DPC	Dobruska-Polom	44.35 335	eP	P	23 33 45.0 -0.5
DPC	Dobruska-Polom	44.35 335	eP	P	23 33 45.0 -0.5
GECC	GERESS Array S	44.40 332	eP	P	23 33 45.7 -0.3
GECC	GERESS Array S	44.40 332	eP	P	23 33 45.7 -0.3
GERES	GERESS Array B	44.40 332	P	P	23 33 45.3 -0.7
GERES	GERESS Array B	44.40 332	P	P	23 52 19.6
GERES	GERESS Array B	44.40 332	P	P	23 33 45.3 -0.7
GERES	GERESS Array B	44.40 332	P	P	23 33 45.3 -0.7
UPC	Udice	44.60 335	eP	P	23 33 47.3 -0.2
UPC	Udice	44.60 335	eP	P	23 33 47.3 -0.2
UPC	Udice	44.60 335	eP	P	23 33 47.3 -0.2
FUORN	Ofenpass-Fuorn	44.62 327	eP	P	23 33 47.5 -0.5
FUORN	Ofenpass-Fuorn	44.62 327	eP	P	23 33 47.5 -0.5
FETA	Feichten	44.63 328	iP	P	23 33 47.8 -0.2
FETA	Feichten	44.63 328	P	P	23 33 47.8 -0.2
KHC	Kasperske Hory	44.66 332	eP	P	23 33 48.6 -1.2
KHC	Kasperske Hory	44.66 332	eP	P	23 33 48.6 -1.2
KHC	Kasperske Hory	44.66 332	eP	P	23 33 48.6 -1.2
KHC	Kasperske Hory	44.66 332	eP	P	23 33 48.6 -1.2
GOPC	GO Pecny, Ondr	44.68 333	eP	P	23 33 47.3 -0.8
GOPC	GO Pecny, Ondr	44.68 333	eP	P	23 33 47.3 -0.8
GOPC	GO Pecny, Ondr	44.68 333	eP	P	23 33 47.3 -0.8
GOPC	GO Pecny, Ondr	44.68 333	eP	P	23 33 47.3 -0.8
KSP	Ksiaz	44.74 335	eP	P	23 33 49.1 +0.5
KSP	Ksiaz	44.74 335	eP	P	23 33 49.1 +0.5
PRU	Pruhonic	44.85 333	eP	P	23 33 48.6 -0.8
PRU	Pruhonic	44.85 333	eP	P	23 33 48.6 -0.8
PRU	Pruhonic	44.85 333	eP	P	23 33 48.6 -0.8
PRU	Pruhonic	44.85 333	eP	P	23 33 48.6 -0.8
DAVOX	Davos/Dischmat	44.93 327	P	P	23 33 50.1 -0.2
DAVOX	Davos/Dischmat	44.93 327	P	P	23 33 50.1 -0.2
DAVOX	Davos/Dischmat	44.93 327	P	P	23 33 50.1 -0.2
DAVOX	Davos/Dischmat	44.93 327	P	P	23 33 50.1 -0.2
SUW	Suwalki	44.94 343	eP	P	23 33 50.1 +0.1
SUW	Suwalki	44.94 343	eP	P	23 33 50.1 +0.1
IDID	Didziasalis	45.17 346	eP	P	23 33 52.5 +0.7
IDID	Didziasalis	45.17 346	eP	P	23 33 52.5 +0.7
PVCC	Panska Ves	45.23 334	eP	P	23 33 51.7 -0.8
PVCC	Panska Ves	45.23 334	eP	P	23 33 51.7 -0.8
PVCC	Panska Ves	45.23 334	eP	P	23 33 51.7 -0.8
DAVA	Damuels	45.25 327	iP	P	23 33 52.0 -0.9
DAVA	Damuels	45.25 327	P	P	23 33 52.0 -0.9
IIGN	Ignalina	45.33 346	eP	P	23 33 53.7 +0.6
IIGN	Ignalina	45.33 346	eP	P	23 33 53.7 +0.6
ISAL	Salakas	45.55 346	eP	P	23 33 55.5 +0.6
ISAL	Salakas	45.55 346	eP	P	23 33 55.5 +0.6
IZAR	Zarasai	45.68 346	eP	P	23 33 56.6 +0.7
IZAR	Zarasai	45.68 346	eP	P	23 33 56.6 +0.7
BRG	Berggiesshubel	45.76 334	eP	P	23 33 55.8 -0.8
BRG	Berggiesshubel	45.76 334	eP	P	23 33 55.8 -0.8
BRV	Borovoye	45.94 222	eP	P	23 33 57.0 -1.0
BRV	Borovoye	45.94 222	eP	P	23 33 57.0 -1.0
BRV	Borovoye	45.94 222	eP	P	23 33 57.0 -1.0
BRV	Borovoye	45.94 222	eP	P	23 33 57.0 -1.0
BVAR	Borovoye Array	45.95 22	LR	LR	23 57 02.0

GRF	Grafenberg Arr	46.16 331	eP	P	23 33 58.7 -1.2
SVE	Sverdiolovsk	46.43 13	eP	P	23 34 02.2 +0.4
SVE	Sverdiolovsk	46.43 13	eP	P	23 34 02.2 +0.4
SVE	Sverdiolovsk	46.43 13	eP	P	23 34 02.2 +0.4
CLL	Colim	46.48 334	iP	P	23 34 00.8 -1.5
CLL	Colim	46.48 334	iP	P	23 34 00.7 -1.5
CLL	Colim	46.48 334	iP	P	23 34 03.2 +2.0
CLL	Colim	46.48 334	iP	P	23 34 00.8 -1.5
CLL	Colim	46.48 334	iP	P	23 34 03.7 -3.1
CLL	Colim	46.48 334	iP	P	23 34 15.0
CLL	Colim	46.48 334	iP	P	23 40 52.0 +2.0
CLL	Colim	46.48 334	iP	P	23 44 18.0 +2.1
CLL	Colim	46.48 334	iP	P	23 57 00.0
CLL	Colim	46.48 334	iP	P	23 34 01.6 -0.7
CLL	Colim	46.48 334	iP	P	23 34 01.6 -0.7
CHKZ	Chkalovo	46.56 22	iP	P	23 34 01.8 -1.0
CHKZ	Chkalovo	46.56 22	iP	P	23 34 01.8 -1.0
SHL	Shilling	47.03 66	eP	P	23 34 07.5 +0.2
LSA	Lhasa	47.06 61	eP	P	23 34 05.9 -1.9
LSA	Lhasa	47.06 61	eP	P	23 34 07.2 -0.6
LSA	Lhasa	47.06 61	eP	P	23 34 07.2 -0.6
MAKZ	Makanchi	47.09 35	eP	P	23 34 07.0 -0.2
MAKZ	Makanchi	47.09 35	eP	P	23 34 07.0 -0.2
MAKZ	Makanchi	47.09 35	eP	P	23 34 07.0 -0.2
MAKZ	Makanchi	47.09 35	eP	P	23 34 07.0 -0.2
MK01	Makanchi Array	47.25 35	eP	P	23 34 07.4 -1.1
MK01	Makanchi Array	47.25 35	eP	P	23 34 07.4 -1.1
MK31	Makanchi Array	47.26 35	iP	P	23 34 08.0 -0.5
MK31	Makanchi Array	47.26 35	iP	P	23 34 08.0 -0.5
MKAR	Makanchi Array	47.26 35	P	P	23 34 08.1 -0.4
MKAR	Makanchi Array	47.26 35	P	P	23 58 29.6
MKAR	Makanchi Array	47.26 35	P	P	23 34 08.1 -0.4
MKAR	Makanchi Array	47.26 35	P	P	23 34 08.1 -0.4
MKAR	Makanchi Array	47.26 35	P	P	23 34 08.8 +0.3
MKAR	Makanchi Array	47.26 35	P	P	23 34 08.8 +0.3
KURB	Kurchatov Arra	47.64 29	eP	P	23 34 10.0 -1.4
KURK	Kurchatov	47.75 29	P	P	23 34 10.0 -2.2
KURK	Kurchatov	47.75 29	P	P	23 34 10.0 -2.2
KURK	Kurchatov	47.75 29	P	P	23 34 10.0 -2.2
VSU	Vasula	48.06 348	eP	P	23 34 11.7 -2.8
VSU	Vasula	48.06 348	eP	P	23 34 11.7 -2.8
DBIC	Dimbokro	48.43 268	LR	LR	23 53 10.6
WLF	Waldenange	48.67 328	P	P	23 34 20.2 +0.9
WLF	Waldenange	48.67 328	P	P	23 34 20.2 +0.9
KLIM	Klimovskoe	48.77 357	eP	P	23 34 17.7 -2.2
KLIM	Klimovskoe	48.77 357	eP	P	23 34 17.7 -2.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
WMQ	Urumqi	49.05 41	P	P	23 34 22.6 +0.2
MEM	Membach	49.31 329	P	P	23 34 25.2 +0.9
MEM	Membach	49.31 329	P	P	23 34 25.2 +0.9
DOU	Dourbes	49.74 328	P	P	23 34 28.2 +0.7
DOU	Dourbes	49.74 328	P	P	23 34 28.2 +0.7
SNF	Senefte	50.14 328	P	P	23 34 30.2 -0.4
SNF	Senefte	50.14 328	P	P	23 34 30.1 -0.4
ESDC	Sonsea Array	50.34 312	P	P	23 34 32.1 -0.3
ESDC	Sonsea Array	50.34 312	P	P	23 34 32.1 -0.3
ESDC	Sonsea Array	50.34 312	P	P	23 34 32.1 -0.3
ESDC	Sonsea Array	50.34 312	P	P	23 34 32.1 -0.3
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
FINES	FINES Array B	50.95 349	P	P	23 34 35.9 -0.6
TMCR	Tamitsa	52.15 357	eP	P	23 34 45.2 -0.2
TMCR	Tamitsa	52.15 357	eP	P	23 34 45.2 -0.2
NVS	Novosibirsk	52.55 27	eP	P	23 34 45.3 -3.2
ZAAO	Zalesovo Array	52.74 29	eP	P	23 34 48.4 -1.6
ZAAO	Zalesovo Array	52.74 29	eP	P	23 34 48.4 -1.6
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
ZALV	Zalesovo Beam	52.74 29	P	P	23 34 49.0 -0.9
CMAR	Chiang Mai Arr	53.24 76	eP	P	23 34 53.6 -0.7
CMAR	Chiang Mai Arr	53.24 76	eP	P	23 34 53.6 -0.7
CMAR	Chiang Mai Arr	53.24 76	eP	P	23 34 53.6 -0.7
CMAR	Chiang Mai Arr	53.24 76	eP	P	23 34 53.6 -0.7
CM01	Chiang Mai Arr	53.25 76	eP	P	23 34 52.8 -1.5
CM01	Chiang Mai Arr	53.25 76	eP	P	23 34 52.8 -1.5
NB2	NORSAR Subarra	54.38 341	P	P	23 35 00.6 -1.4
NB2	NORSAR Subarra	54.38 341	P	P	23 35 00.6 -1.4
NB2	NORSAR Subarra	54.38 341	P	P	23 35 00.6 -1.4
NB2	NORSAR Subarra	54.38 341	P	P	23 35 00.6 -1.4
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NOA	NORSAR Array B	54.38 341	P	P	23 35 01.1 -0.9
NB002	NORSAR Array S	54.50 341	eP	P	23 35 02.5 -0.3
NB002	NORSAR Array S	54.50 341	eP	P	23 35 02.5 -0.3
PSI	Prapat	55.17 95	eP	P	23 35 07.6 -0.9
PSI	Prapat	55.17 95	eP	P	23 35 07.6 -0.9
PSI	Prapat	55.17			

15d Oh

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include SKIA, NEO, Neokhori, etc.

CSEM 15 00:23:50.8;0.2,43.76N;20.71E,h10km,ML2.3,Error ellipse: s-maj=3.8km s-min=2.8km az=21.0

BE0 15 00:23:52.0;0.2,43.75N;20.72E,h5km,3km,ML2.3,1

9C-8D,Northwestern Balkan Peninsula

Main table for station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include GRUS, IVAS, TRUS, etc.

BUI 15 00:29:19.6,13.63N;93.58E,h38km,mb4.7/43,mb4.8/29,MS4.2/23,MS7.3/9/23

MOS 15 00:29:21.0,13.86N;93.61E,h33km,mb4.7/30,Error ellipse: s-maj=10.1km s-min=6.7km az=110.1

BKK 15 00:29:21.7,14.1N;93.3E,h10km,MS4.5/24,mb5.1/18,mb4.8/24,MLV4.7/18,Mw(mb)4.4/18

ISCJ/B 15 00:29:22.4,0.5,13.88N;0.03;93.55E;0.02,h44km,4km,mb4.6/69,MS3.9/5,Error ellipse: s-maj=5.8km s-min=3.3km az=179.0

IDC 15 00:29:23.4,0.9,13.79N;93.64E,h42km,5km,mb4.0/24,mb1.4/2/26,mb1mx4.0/47,mbtmp4.3/26,ML4.5/2,MS3.6/5,MS1.3/6/5,ms1mx3.3/6.0,Error ellipse: s-maj=15.8km s-min=10.7km az=36.0

NEIC 15 00:29:23.4,0.5,13.85N;93.56E,h40km,4km,mb4.9/28,Error ellipse: s-maj=5.9km s-min=5.3km az=207.0

DJA 15 00:29:33.0,0.7,14.1N;93.4E,h121km,17km,MS4.3/7,mb4.3/7,mb4.5/2,MLV4.4/2,Mw(mb)3.7/2

ISC 15 00:29:23.3,0.4,13.90N;0.04;93.53E;0.04,h43km,3km,h43km;pp-P,n229,r198/273,mb4.6/69,MS3.7/5,13C-18D,Andaman Islands Region

Table for Andaman Islands Region with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include DGPR, PBA, KHLT, etc.

2010 NOV

Main table for 2010 NOV station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CMAR, CHTO, CMMT, etc.

742

Table for 742 station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include CD2, CD2, CD2, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like RABH, TOKA, ZALF, PINB, ANDN, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ULN, CSS, BCAM, KHDM, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BJI, BJI, BJI, BJI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VYHS Vyhne, KULM Kulim, POKM Moragy, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CLL Collm, CLL Collm, CLL Collm, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HABR Habra, KEST Kesra, KEST Kesra, etc.

15d 1h

Table of station data for the 15d 1h period, including station names, coordinates, and various parameters like pmax and pmax.

20 NOV

Main table of station data for 20 NOV, listing stations like WLF, EKA, YKA, ESDC, MATP, TORD, NVAR, etc., with their respective coordinates and parameters.

748

Table of station data for the 748 period, including stations like AKIG, NIKH, TAPA, etc., with their coordinates and parameters.

CRNET 15 01:00:24.9:0.1,39:31N;73:74E,mb3.4, NNC 15 01:00:27.0:2.0,39:58N;73:62E,h0km,mb3.9,mpv3.6, Error ellipse: s-maj=17.2km s-min=11.8km az=131.0

ISC 15 01:00:28.3:1.7,39:51N;0:09:73.81E,h0km,n10, t=1787.17,11C-10U,Tajikistan-Xinjiang border region

ISCJBJ 15 01:06:09.9:1.1,11:6N;0:3:44:0E;0:1,h10km,mb3.5/7, MS3.9/4, Error ellipse: s-maj=38.9km s-min=9.8km az=162.8

IDC 15 01:09:2.3:11:50N;43:92E,h0km,mb3.6/8, mb1 3.7/8,mb1mx3.4/60,mbtmp3.6/8,MS3.9/4,M1 3.8/4, ms1mx3.4/28, Error ellipse: s-maj=50.5km s-min=17.1km az=164.0

ISC 15 01:06:11.5:2.3,11:5N;0:3:43:9E;0:1,h10km,n12, az=158.10,mb3.6/7,MS3.8/4,Ethiopia

CSEM 15 01:19:44.1,45:55N;14:27E,h0km,ML0.7,After LJU LJU 15 01:19:44.1,45:55N;14:27E,h5km,ML0.7,Northwestern

NEIC 15 01:26:07.8:62.16N;173:23W,h11km,mb4.2/18, ML4.1(AEIC),After AEIC.

IDC 15 01:26:12.9:3.9,52:41N;173:20W,h72km,35km,mb3.7/20, mb1 4.0/23,mb1mx3.9/41,mbtmp4.1/23,ML3.7/3,MS3.6/1, Ms1 3.6/1,ms1mx2.8/48, Error ellipse: s-maj=19.6km s-min=12.3km az=180.0

ISC 15 01:26:07.8:1.4,52.22N;0:1:173:20W;0:04,h25km,10km, n8,ms1,ms14/82,mb4.7/30,Aranean Islands

IDC 15 01:30:59.5:3.2,11:65N;43:39E,h0km,mb3.6/5, mb1 3.7/5,mb1mx3.4/31,mbtmp3.6/5,MS3.6/1,Ms1 3.6/1, ms1mx2.7/42, Error ellipse: s-maj=65.5km s-min=20.1km az=152.0,Ethiopia

ISCJBJ 15 01:35:11.0:0.9,12:0N;0:2:43:8E;0:1,h4km,mb3.7/9,

751

Table with columns: KRAR, Krasnoyarsk, 23.41, 34, eP, P, 02 11 15.4 -0.4. Includes entries for Gaotai, Kelit, Malatya, ZARA_SIVAS, ANAPA, AKCAD, STORZHOYEVOE, VSR, CUKAN, KANGAL_SIVAS, GZT, ERBA, RAYN, LPSR, CUALT, MOY, HCB, AYKAD, PINB, CUSAR, ANDK, ZAK, SIM, TLY, LZH, ASF, ASAF, ASF, OBN, BRTR, SONM, SONM, SONM, SONM, SONM, BR231, ULN, ULN, BCAM, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, KLMR, EIL, BAGO, ISPARTA, KIS, KIS, AKASG, AKASG, KIEV, KIEV, KIEV, AK11, KMI, KMI.

2010 NOV

Table with columns: KMI, comp=Z,220nm,9.6s, LN, LE. Includes entries for LEOM, CFR, TMCR, XAN, HHC, HHC, HHC, HHC, HHC, VRI, TESR, PLOAR, CMAR, CMAR, PALK, MLR, DOPR, BURAR, BUR04, VOIR, ENH, ARR, ARCL, LJV, LOT, BMR, BOD, KWP, KWP, KWP, DRGR, GZR, FINES, FINES, UZH, KOLS, KOLS, KOLS, IDI, ANOYIA, BZS, STHS, STHS, MDRV, NIE, NIE, AGG, OJC, OJC, OJC, PSZ, PSZ, LANS, LANS, DIVS, WHN, WHN, VYHS, VYHS, VYHS, TIR, PKSM, PKSM, PDG, MORC, MORC, MORC, GKP, GKP, GKP, SMOL, SMOL, KRLC, KRLC, ARCES, ARCES, ARCES, VRC, VRC, DPC, DPC, BLY, SOP, UPC, UPC, KTKI, KTKI, CONA, TREC, TREC, QIZ, QIZ, QIZ, ARSA, ARSA, GOPC, GOPC, GOPC, PRU, PRU, PRU, SOKA, SOKA, BOJS, BOJS, NJ2, NJ2.

15d 2h

Table with columns: BRG, Berggiesshubel, 40.53, 306, eP, P, 02 13 46.1 +0.2. Includes entries for BRG, MOA, MOA, LJU, GEC2, GEC2, GERES, GERES, GERES, KHC, KHC, KHC, KHC, CLL, CLL, CLL, CLL, CLL, CUC, CADS, CADS, CN2, CN2, CN2, CN2, NOC02, ABTA, NB2, NB2, NOA, NOA, NSS, NSS, GRF, WTTA, TBLU, TBLU, MOTA, YAK, YAK, FETA, DOMB, FUORN, DAVA, DAVA, DAVOX, DAVOX, VLE, VLE, AKN, AKN, ODDI, TIXI, TIXI, BLS5, BFO, HYA, KLR, BER, ASK, FOO, KSAR, SPITS, SPITS, SPITS, KRSR, KRSR, KRSR, SENIN, WLF, WLF, USRK, USRK, USRK, BNGI, BNGI, HABR, HABR, HABR, HABR, HABR, HABR, KEST, SSB, KMB0, KMB0, KMB0.

15d 2h

Table with columns: Station Name, Frequency, Power, Band, Direction, Azimuth, Elevation, and other parameters. Includes stations like TKM2, SARP, KNDCC, PDGK, etc.

2019 NOV

Table with columns: Station Name, Frequency, Power, Band, Direction, Azimuth, Elevation, and other parameters. Includes stations like TBLG, GNI, LSA, POO, etc.

754

Table with columns: Station Name, Frequency, Power, Band, Direction, Azimuth, Elevation, and other parameters. Includes stations like BRTR, SONM, SONM, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NMEZ, NMEZ, NMEZ, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KHZ Kahutara, KHZ Kahutara, KHZ Kahutara, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MTN Manton Dam, FITZ Fitzroy Crossi, MEEK Meekatharra, etc.

15C 03:04:55.2:7.4, 37:24S:176:49E, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.6/21, mbtrmp3.5/2, Error ellipse: s-maj=393.6km s-min=64.8km az=173.0, ISCJB 15 03:04:57.0:0.3, 38:88S:02:175:91E:0.02, h6km, 2km, mb3.3/2, Error ellipse: s-maj=3.3km s-min=2.5km az=139.6, NEIC 15 03:04:57.2, 38:89S:175:86E, h4km, ML4.0(WEL), After WEL, NEIC Fell in the Turangi area, WEL 15 03:04:57.2:0.1, 38:89S:175:89E, h5km, ML4.0/43, Error ellipse: s-maj=0.9km s-min=0.7km az=90.0, WEL Fell in the Taupo region, maximum reported intensity MM 5, ISC 15 03:04:57.5:0.9, 38:89S:02:175:93E:0.02, h8km, 7km, n175.0:077177, 24C-5D, North Island

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RATZ Rangitukua, RATZ Rangitukua, RATZ Rangitukua, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like LVZ Lovozero, DIVS Divibara, PKSM Moragy, etc.

ISCJB 15 03:18:49.0.0.6, 11.78N.0.08:43.94E.0.06,h4km, mb4.0/15,MS3.7/2, Error ellipse: s-maj=13.1km s-min=6.4km az=150.2

ISC 15 03:18:50.1.1.2, 11.74N.43.89E,h0km,mb3.9/13, mb1.4/16,mb1mx3.8/45,mbtmp3.9/74,ML2.7/1,MS3.7/4, Ms1.3/7.4,ms1mx3.0/46, Error ellipse: s-maj=28.3km s-min=15.6km az=157.0

NEIC 15 03:18:52.1.0.6, 11.83N.43.93E,h10km,mb4.4/4, Error ellipse: s-maj=14.2km s-min=7.9km az=140.0

CSEM 15 03:18:52.1, 11.83N.43.93E,h10km,mb4.4/4, After NEIC 15 03:18:51.0.7, 11.90N.0.08:43.93E.0.08,h4km,n54, r1515/44,mb4.0/15, Ethiopia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, DAMY Dhamar, UOSS Wadi Hilu, etc.

SONA0 Sogingo Array 62.86 42 eP P 03 29 17.7 -1.2
SONA1 Sogingo Array 62.86 42 eP P 03 29 17.7 -1.2
SONM Sogingo Array 62.86 42 eP P 03 29 17.7 -1.2

ISC 15 03:20:18.1.3.7, 11.55N.43.89E,h0km,mb3.7/3, mb1.3/7,mb1mx3.2/40,mbtmp3.7/3, Error ellipse: s-maj=91.6km s-min=20.7km az=159.0, Ethiopia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, BRTR Keskin Array B, TORO Torodi Arr, ZALV Zalesovo Beam.

ISCJB 15 03:25:17.0.1.1, 11.77N.0.2:44.13E.0.10,h10km,mb3.9/6, MS4.3/1, Error ellipse: s-maj=36.4km s-min=9.6km az=163.1

ISC 15 03:25:17.0.1.7, 11.65N.44.06E,h0km,mb3.9/6, mb1.4/16,mb1mx3.7/33,mbtmp3.9/6,MS4.3/1,Ms1.4/3/1, ms1mx2.8/46, Error ellipse: s-maj=47.0km s-min=16.7km az=166.0

ISC 15 03:25:18.4.1.5, 11.61N.0.03:44.1E.0.11,h10km,n11, r1504/8,mb3.8/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, ATD 254nm, KMB0 Kilima Mbogo, etc.

ISCJB 15 03:31:25.8.1.2, 11.81N.0.2:43.95E.0.10,h4km,mb3.6/7, MS3.7/6, Error ellipse: s-maj=28.8km s-min=9.2km az=156.9

ISC 15 03:31:26.4.1.6, 11.70N.43.86E,h0km,mb3.7/7, mb1.3/9.7,mb1mx3.5/48,mbtmp3.7/7,MS3.7/8,Ms1.3/7.8, ms1mx3.3/45, Error ellipse: s-maj=36.7km s-min=16.1km az=165.0

ISC 15 03:31:27.4.1.5, 11.81N.0.2:43.9E.0.11,h4km,n17, r1511/9, mb3.7/7,MS3.7/6, Ethiopia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, KMB0 Kilima Mbogo, EIL Eliat, etc.

NEIC 15 03:34:29.4, 36.92S:179.95W,h33km,ML4.1(WEL), After WEL 15 03:34:31.0.5.6, 36.87S:179.78E,h33km,ML4.0/8,2C-3D, Error ellipse: s-maj=13.3km s-min=9.8km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waionatitini S, PKGZ Pakhiroa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like URZ Urewera, PRGZ Paritu Road, SHNZ Shannon Statio, etc.

ISK 15 03:38:32.9, 37.84N:27.34E,h8km,MD3.1, ATH 15 03:38:32.1, 37.89N:27.45E,h16km,1km,MD3.5/15, ISCJB 15 03:38:33.0.0.4, 37.85N.0.01:27.37E.0.02,h9km,3km, Error ellipse: s-maj=2.9km s-min=2.4km az=160.3

CSEM 15 03:38:33.0.0.2, 37.85N:27.39E,h5km,MD3.5, Error ellipse: s-maj=2.3km s-min=2.0km az=169.0

DDA 15 03:38:34.2, 37.84N:27.35E,h7km,MD3.5, THE 15 03:38:34.2, 37.84N:27.32E,h2km,ML3.4/5, Error ellipse: s-maj=0.9km s-min=0.4km az=245.0

ISC 15 03:38:34.0.0.9, 37.85N.0.01:27.38E.0.02,h8km,7km, n129, r0894/178,3C-2D, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GCAM G?zelcami?, AYDB Zeytinkoy-Aydi, SMG Samos, etc.

Table of station data for 15d 4h, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of station data for 2010 NOV, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of station data for 760, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table with columns: AAK, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AAK, EKS2, MNAS, etc.

ISCJB 15 05:02:37.1z, 1.1, 11.8N, 0.2, 44.1E, 0.1, h10km, mb3.7/8, MS3.1/3, Error ellipse: s-maj=31.3km s-min=20.4km az=8.7

IDC 15 05:02:37.1z, 1.5, 11.75N, 0.4, 04E, h0km, mb3.8/8, mb1.3/9.8, mb1mx3.7/26, mbtmp3.7/8, MS3.3/4, Ms1.3/3.4, ms1mx2.8/30, Error ellipse: s-maj=39.6km s-min=25.3km az=6.0

ISC 15 05:02:38.5z, 1.3, 11.8N, 0.2, 44.0E, 0.2, h10km, n10, 0.94R, mb3.8/8, MS3.2/3, Western Gulf of Aden

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

IDC 15 05:03:11.7z, 0.4, 16.45N, 91.77W, h0km, mb3.7/10, mb1.3/9.1/3, mb1mx3.8/32, mbtmp3.6/13, ML3.6/3, MS3.2/5, Ms1.3/2.5, ms1mx2.9/24, Error ellipse: s-maj=18.7km s-min=13.0km az=30.0

ISCJB 15 05:03:13.1z, 0.4, 16.64N, 0.04, 91.75W, 0.0, 0.4, h10km, mb4.0/15, MS3.2/3, Error ellipse: s-maj=6.4km s-min=4.2km az=144.0

NEIC 15 05:03:14.0z, 1.1, 16.40N, 91.59W, h16km, 9km, mb4.1/18, MD3.9(MEX), Error ellipse: s-maj=7.8km s-min=7.2km az=130.0

MEX 15 05:03:20.7z, 0.7, 16.42N, 91.94W, h9km, 3km, MD3.9

ISC 15 05:03:13.2z, 0.5, 16.45N, 0.04, 91.65W, 0.0, h10km, n54, 0.94R, mb4.0/15, MS3.4/3, Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CCIG, TGIG, PCIG, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MSTX, TKL, AMTX, etc.

IDC 15 05:17:53.4z, 1.9, 5.40S, 151.46E, h0km, mb3.8/4, mb1.4/5, mb1.3/7.31, mbtmp3.8/5, ML1.8/1, Error ellipse: s-maj=108.9km s-min=24.1km az=129.0, New Britain region

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

ISCJB 15 05:22:21.7z, 0.8, 17.23N, 0.05, 101.04W, 0.0, 0.4, h25km, 6km, mb4.0/12, MS3.3/3, Error ellipse: s-maj=10.0km s-min=4.5km az=26.5

IDC 15 05:22:21.3z, 2.7, 17.62N, 100.82W, h0km, mb4.0/7, mb1.4/2/9, mb1mx3.8/32, mbtmp3.9/9, ML3.1/3, MS3.3/5, Ms1.3/3.5, ms1mx2.9/25, Error ellipse: s-maj=56.5km s-min=20.2km az=18.0

NEIC 15 05:22:23.4z, 1.7, 18N, 101.12W, h21km, mb4.0/16, MD3.7(MEX), After MEX.

MEX 15 05:22:23.4z, 0.8, 17.18N, 101.12W, h21km, 18km, MD3.7, Error ellipse: s-maj=10.0km s-min=4.5km az=26.5

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

ISCJB 15 05:29:02.4z, 0.3, 35.27N, 0.02, 25.85E, 0.0, 0.2, h78km, 4km, Error ellipse: s-maj=4.0km s-min=2.9km az=174.9

ISK 15 05:29:02.8z, 35.49N, 25.95E, h5km, ML3.2, DDA 15 05:29:03.3z, 35.42N, 25.83E, h27km, Md2.9

CSEM 15 05:29:03.6z, 0.1, 35.23N, 25.87E, h90km, ML3.2, Error ellipse: s-maj=3.7km s-min=2.9km az=10.0

ATH 15 05:29:03.8z, 35.40N, 25.82E, h62km, 1km, ML3.2

HLW 15 05:29:03.2z, 35.20N, 26.01E, h31km, 73km, ML3.1

THE 15 05:29:05.4z, 35.38N, 25.78E, h53km, 1km, ML3.2/4, Error ellipse: s-maj=1.5km s-min=0.3km az=186.0

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SDCO, PV04, SWET, etc.

ISCJB 15 05:24:35.6z, 1.2, 42.69N, 0.05, 76.16E, 0.0, 0.7, h4km, 6km, Error ellipse: s-maj=11.0km s-min=6.3km az=43.8

KRNET 15 05:24:36.8z, 0.1, 42.66N, 76.06E, h15km, mb2.0, NNC 15 05:24:36.0z, 0.7, 42.66N, 76.07E, h0km, mb2.0, mpv2.4, Error ellipse: s-maj=4.2km s-min=3.7km az=62.0

KNET 15 05:24:38.2z, 0.6, 42.74N, 76.00E, h19km, 3km, ml1.7, Error ellipse: s-maj=5.9km s-min=3.2km az=53.0

ISC 15 05:24:36.9z, 1.3, 42.66N, 0.04, 76.07E, 0.0, 0.4, h16km, 9km, n21, 0.961/36, 27C-12Z, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TKM2, TKM2, etc.

ISCJB 15 05:29:02.4z, 0.3, 35.27N, 0.02, 25.85E, 0.0, 0.2, h78km, 4km, Error ellipse: s-maj=4.0km s-min=2.9km az=174.9

ISK 15 05:29:02.8z, 35.49N, 25.95E, h5km, ML3.2, DDA 15 05:29:03.3z, 35.42N, 25.83E, h27km, Md2.9

CSEM 15 05:29:03.6z, 0.1, 35.23N, 25.87E, h90km, ML3.2, Error ellipse: s-maj=3.7km s-min=2.9km az=10.0

ATH 15 05:29:03.8z, 35.40N, 25.82E, h62km, 1km, ML3.2

HLW 15 05:29:03.2z, 35.20N, 26.01E, h31km, 73km, ML3.1

THE 15 05:29:05.4z, 35.38N, 25.78E, h53km, 1km, ML3.2/4, Error ellipse: s-maj=1.5km s-min=0.3km az=186.0

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

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIVA, THR1, SANT, etc.

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

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

Table with columns: ORZ, AML, 05 55 47.4, 06 23 57.7

IDC 15 05:53:35.0, 1.4, 11.49N, 43.51E, h0km, mb3.9/12, mb1 4.0/12, mb1mx3.8/38, mbtmp3.9/12, MS3.7/5, Ms1 3.7/5, ms1mx3.2/32, Error ellipse: s-maj=33.9km s-min=12.6km az=169.0

ISCJTB 15 05:53:35.0, 0.9, 11.41N, 010.43.61E, 0.06, h14km, mb3.9/13, MS3.5/3, Error ellipse: s-maj=14.4km s-min=8.0km az=160.6

NEIC 15 05:53:36.6, 1.1, 11.46N, 43.51E, h10km, mb4.0/2, Error ellipse: s-maj=22.6km s-min=12.8km az=164.0

CSEM 15 05:53:36.6, 1.1, 11.46N, 43.51E, h10km, mb4.0/2, After NEIC 15 05:53:37.2, 1.1, 11.55N, 010.43.50E, 0.09, h14km, n26, e1501/26, mb4.0/13, MS3.6/3, Ethiopia

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

IDC 15 06:11:09.5, 1.9, 3.29S, 151.71E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/22, mbtmp3.3/3, MS2.8/1, Ms1 2.8/1, ms1mx2.4/12, Error ellipse: s-maj=162.8km s-min=27.4km az=125.0, New Ireland region

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

IDC 15 06:17:49.8, 2.7, 42.00S, 171.22W, h210km, mb3.1/4, mb1 3.4/6, mb1mx3.2/18, mbtmp3.8/6, Error ellipse: s-maj=39.2km s-min=33.3km az=174.0, Southern Chile-Argentina border region

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

IDC 15 06:22:32.1, 2.1, 11.64N, 43.63E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/26, mbtmp3.8/3, MS2.8/2, Ms1 2.8/2, ms1mx2.5/31, Error ellipse: s-maj=61.6km s-min=31.6km az=5.0, Ethiopia

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

IDC 15 06:22:53.8, 1.6, 38.06S, 75.25W, h0km, mb3.8/6, mb1 3.9/9, mb1mx3.8/24, mbtmp3.7/9, ML3.6/3, MS2.7/2, Ms1 2.7/2, ms1mx2.6/25, Error ellipse: s-maj=35.5km s-min=25.0km az=37.0

ISCJTB 15 06:22:57.0, 0.7, 38.00S, 0103.798W, 0.08, h33km, mb3.8/6, MS3.2/1, Error ellipse: s-maj=8.7km s-min=4.5km az=10.5

GUC 15 06:22:59.4, 0.6, 38.07S, 74.51W, h10km, km, ML4.1, ISC 15 06:22:59.4, 1.0, 38.01S, 0107.75W, 0.11, h35km, n30, e091/39, mb3.7/6, 3C-2D, Off coast of central Chile

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

Table with columns: VLCH, Valdivia, 2.27 143, Pn, 06 23 33.7, -0.6

IDC 15 06:27:59.8, 2.5, 18.57N, 46.44W, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.6/39, mbtmp3.8/6, MS3.2/7, Ms1 3.1/7, ms1mx2.9/32, Error ellipse: s-maj=109.6km s-min=23.6km az=89.0, Northern Mid-Atlantic Ridge

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

IDC 15 06:33:57.3, 3.0, 10.168N, 44.12E, h0km, mb3.5/3, mb1 3.5/3, mb1mx3.2/41, mbtmp3.5/3, Error ellipse: s-maj=82.1km s-min=24.9km az=158.0, Western Gulf of Aden

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

IDC 15 06:39:31.9, 1.6, 11.75N, 44.01E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.5/44, mbtmp3.8/6, MS3.1/5, Ms1 3.1/5, ms1mx2.8/28, Error ellipse: s-maj=50.4km s-min=18.5km az=161.0, Western Gulf of Aden

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

Table with columns: CMAR, Chiang Mai Arr, 53.29 76, P, 06 48 52.8, -0.2

IDC 15 06:42:24.9, 2.4, 16.30S, 179.22W, h499km, 35km, mb2.9/5, mb1 3.3/6, mb1mx3.1/31, mbtmp3.8/6, Error ellipse: s-maj=109.6km s-min=16.5km az=155.0, Fiji Islands region

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

KRNET 15 06:50:24.7, 0.1, 39.21N, 70.80E, mb3.5, ISCJTB 15 06:50:26.0, 0.9, 39.20N, 0106.70, 84E, 0.07, h10km, mb3.5/1, Error ellipse: s-maj=9.6km s-min=6.8km az=144.0

NNC 15 06:50:25.6, 1.1, 39.21N, 71.02E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=13.1km s-min=3.6km az=142.0, IDC 15 06:50:25.7, 1.9, 39.23N, 71.18E, h0km, mb3.5/1, mb1 3.6/5, mb1mx3.4/43, mbtmp3.6/5, ML3.3/4, Error ellipse: s-maj=26.9km s-min=14.2km az=154.0, ISC 15 06:50:27.3, 1.2, 39.27N, 0107.70, 92E, 0.06, h10km, n24, e197/39, 13C-13D, Tajikistan

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

IDC 15 06:57:13.4, 5.5, 18.58S, 177.54W, h0km, mb3.6/2

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

ISCJTB 15 06:56:06.0, 0.9, 33.5N, 01.1372E, 0.1, h350km, mb3.0/4, Error ellipse: s-maj=17.5km s-min=11.0km az=155.2, IDC 15 06:56:07.0, 1.8, 33.61N, 137.29E, h361km, 21km, mb2.8/4, mb1 2.9/7, mb1mx2.7/44, mbtmp3.6/7, Error ellipse: s-maj=11.6km s-min=2.1km az=64.0, JMA 15 06:56:06.5, 0.5, 33.40N, 137.39E, h355km, km, M3.0, ISC 15 06:56:06.6, 1.1, 33.6N, 01137.2E, 0.1, h350km, n12, e181/13, mb3.0/4, Near south coast of eastern Honshu

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

IDC 15 06:57:13.4, 5.5, 18.58S, 177.54W, h0km, mb3.6/2

15d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WARRU Warrungarra Arr, ASAR Alice Springs, and ARCES ARCES Array B.

ISCJB 15 07:01:06.6-0.8, 18.1N-0.1-68.11W-0.04, h94km, mb3.2/4, Error ellipse: s-maj=18.5km s-min=4.0km az=13.2

RSPR 15 07:01:08.1, 18.01N-68.12W, h81km, mb3.6/14, Error ellipse: s-maj=18.5km s-min=4.0km az=14.0

ISC 15 07:01:07.9-1.1, 18.1N-0.2-68.10W-0.06, h94km, n29, Error ellipse: s-maj=18.5km s-min=4.0km az=14.0

Main table for station data on page 15, including stations like IDE Isla Desecheo, MPR Mayaguez, CRPR Cabo Rojo, etc.

ISCJB 15 07:09:05.1-0.4, 11.99N-0.06-43.92E-0.05, h4km, mb4.3/33, MS3.5/18, Error ellipse: s-maj=9.7km s-min=6.2km az=150.6

ISC 15 07:09:05.8-0.8, 11.93N-43.86E, h0km, mb4.1/18, mb1.4/2.18, mb1mx4.0/36, mbtmp4.1/18, MS3.6/17, MS1.3/6.17, ms1mx3.5/29, Error ellipse: s-maj=19.9km s-min=13.6km az=160.0

MOS 15 07:09:06.1-1.3, 11.98N-43.89E, h10km, mb4.5/20, Error ellipse: s-maj=20.6km s-min=8.0km az=91.2

CSEM 15 07:09:07.0-0.3, 11.99N-43.87E, h10km, mb4.4/23, Error ellipse: s-maj=12.1km s-min=9.2km az=153.0

NEIC 15 07:09:07.3-0.4, 11.94N-43.88E, h10km, mb4.6/5, Error ellipse: s-maj=9.5km s-min=7.4km az=169.0

BUI 15 07:09:10.0, 12.30N-44.00E, h11km, mb4.6/12, mb5.0/8, MS4.0/2, MS7.4/02

ISC 15 07:09:06.9-0.6, 12.02N-0.08-43.78E-0.08, h4km, n121, s1533/123, mb4.4/33, MS3.5/18, 7C, Western Arabian Peninsula

Main table for station data on page 15, including stations like ATD Arta Tunnel, DAMY Dhamar, KMBO Kilima Mbogo, etc.

2010 NOV

Main table for station data on page 16, including stations like ANN comp=Z,17nm,0.8s, ANN comp=Z,151nm,12.0s, ANN comp=N,213nm,12.0s, etc.

ISCJB 15 07:13:02.9-0.5, 12.02N-0.07-43.93E-0.06, h4km, mb4.1/5, Error ellipse: s-maj=12.6km s-min=6.0km az=143.6

ISC 15 07:13:03.3-1.0, 11.99N-43.91E, h0km, mb4.1/12, mb1.4/2.12, mb1mx3.9/36, mbtmp4.1/12, Error ellipse: s-maj=26.8km s-min=14.2km az=153.0

NEIC 15 07:13:05.2-0.5, 11.97N-43.92E, h10km, mb4.3/5, Error ellipse: s-maj=13.8km s-min=9.1km az=140.0

CSEM 15 07:13:05.4-0.3, 11.98N-43.88E, h10km, mb4.3/5, Error ellipse: s-maj=16.4km s-min=9.8km az=136.0

BUI 15 07:13:12.7, 13.21N-43.51E, h16km, mb4.6/5, mb5.0/2, ISC 15 07:13:04.4-0.6, 11.95N-0.08-43.93E-0.08, h4km, n69, s1525/77, mb4.2/15, Ethiopia

Main table for station data on page 16, including stations like TOAD Torodi Arr, TOAI Torodi Arr, OBN Obninsk, etc.

Main table for station data on page 16, including stations like NB200 NORSAR Array S, NOA NORSAR Array B, NOA NORSAR Array A, etc.

ISCJB 15 07:13:02.9-0.5, 12.02N-0.07-43.93E-0.06, h4km, mb4.1/5, Error ellipse: s-maj=12.6km s-min=6.0km az=143.6

ISC 15 07:13:03.3-1.0, 11.99N-43.91E, h0km, mb4.1/12, mb1.4/2.12, mb1mx3.9/36, mbtmp4.1/12, Error ellipse: s-maj=26.8km s-min=14.2km az=153.0

NEIC 15 07:13:05.2-0.5, 11.97N-43.92E, h10km, mb4.3/5, Error ellipse: s-maj=13.8km s-min=9.1km az=140.0

CSEM 15 07:13:05.4-0.3, 11.98N-43.88E, h10km, mb4.3/5, Error ellipse: s-maj=16.4km s-min=9.8km az=136.0

BUI 15 07:13:12.7, 13.21N-43.51E, h16km, mb4.6/5, mb5.0/2, ISC 15 07:13:04.4-0.6, 11.95N-0.08-43.93E-0.08, h4km, n69, s1525/77, mb4.2/15, Ethiopia

Main table for station data on page 16, including stations like ATD Arta Tunnel, DAMY Dhamar, KMBO Kilima Mbogo, etc.

15d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayashu, ARK Arkit, EKS2 Erkin-Say, etc.

NEIC 15 09:13:10.3, 35.31N; 92.31W, h6km, MD2.5(CERI), After CERI.

NEIC 15 at Kingston, Rose Bud and Searcy. ISC 15 09:13:09.8-1.5, 35.33N; 0.05, 92.31W, h4km, n13, c059723, Arkansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UALR University of, MIAR Mount Ida, W38A Poteau, etc.

JMA 15 09:14:26.5, 0.2, 24.02N; 122.55E, h24km, 4km, M1.9

ISCJB 15 09:14:27.0, 0.4, 24.00N; 0.08, 122.64E; 0.03, h10km

TAP 15 09:14:39.5, 23.35N; 122.03E, h69km, 1km, ML2.8, D

ISC 15 09:14:25.8, 0.8, 23.93N; 0.08, 122.62E; 0.04, h10km, n20, c241/33, Taiwan region

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

2010 NOV

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN4, WTP Ta-pu, CHN1 Nanshi, etc.

KRNET 15 09:14:25.6, 0.1, 39.63N; 73.93E, mb2.8

NNC 15 09:14:29.5, 3.2, 39.79N; 73.84E, h0km, mb3.3, mpv2.9

ISC 15 09:14:30.7, 2.9, 39.79N; 0.07, 73.78E; 0.06, h6km, 1gkm, n16, c057928, 20C-12D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB Arslanbob, ARLS Aral, ARLS Batken, etc.

KRNET 15 09:19:00.5, 0.1, 39.60N; 74.01E, mb2.5

NNC 15 09:19:03.5, 1.3, 39.66N; 73.74E, h0km, mb3.4, mpv3.1

ISC 15 09:19:03.3, 1.4, 39.86N; 0.06, 73.80E; 0.05, h10km, n15, c1558/24, 24C-6D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB Arslanbob, ARLS Aral, ARLS Batken, etc.

ISCJB 15 09:23:22.6, 0.6, 11.85N; 0.07, 43.93E; 0.07, h4km, mb4, 1/21, MS3.6/11, Error ellipse: s-maj=11.9km

IDC 15 09:23:23.0, 0.9, 11.77N; 43.92E, h0km, mb4, 1/15,

768

mb1 4.3/15, mb1mx4.0/34, mbtmp4.1/15, MS3.6/13, Ms1 3.6/13, ms1mx3.5/38, Error ellipse: s-maj=21.7km

s-min=14.2km az=165.0

NEIC 15 09:23:25.6, 0.7, 11.94N; 43.94E, h10km, mb4.2/5, Error ellipse: s-maj=16.8km s-min=11.8km az=124.0

CSEM 15 09:23:25.6, 1.1, 94N; 43.94E, h10km, mb4.2/5, After NEIC

ISC 15 09:23:23.7, 0.7, 11.82N; 0.08, 43.93E; 0.07, h4km, n36, c1524/35, mb4.1/21, MS3.4/11, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, DAMY Damar, DAMY Dhamar, etc.

IDC 15 09:26:24.5, 3.1, 11.41N; 44.15E, h0km, mb3.8/5, mb1 3.8/5, mb1mx3.5/36, mbtmp3.8/5, MS3.3/2, Ms1 3.3/2,

ms1mx2.9/41, Error ellipse: s-maj=84.3km

s-min=22.1km az=163.0, Western Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, KMB0 Kilima Mbogo, etc.

DDA 15 09:29:51.9, 38.46N; 38.25E, h7km, Md3.1

ISK 15 09:29:51.8, 38.49N; 38.24E, h6km, MD2.7

CSEM 15 09:29:52.3, 0.2, 38.47N; 38.26E, h2km, MD3.1, Error ellipse: s-maj=6.3km s-min=4.0km az=172.0

ISC 15 09:29:52.2, 1.1, 38.46N; 0.03, 38.25E; 0.02, h7km, n10km, n22, c040/35, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKCD Akcadag, ELZG Elazig, etc.

mb1 4.1/23, mb1mx3.9/93, mbtmp3.9/23, ML3.3/1, Error ellipse: s-maj=25.1km s-min=15.6km az=164.0

NEIC 15 10:08:59.4, 52.26N, 168.43W, h15km, ML3.3(AEIC), After AEIC.

ISC 15 10:08:58.7, 52.26N, 168.43W, h15km, ML3.3(AEIC), After AEIC.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

ISCJB 15 10:23:20.8±0.5, 50.24N, 0.03±18.65E, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=2.5km az=4.1

IPCE 15 10:23:21.5±2.3, 50.28N, 18.73E, h1km±20km, ML1.9/3, Error ellipse: s-maj=24.5km s-min=11.1km az=167.0

CSEM 15 10:23:21.6±0.3, 50.27N, 18.67E, h2km, ML2.8/7, Error ellipse: s-maj=6.8km s-min=3.3km az=9.0

PRU 15 10:23:22.0±0.5, 50.26N, 18.66E, h0km, Error ellipse: s-maj=7.3km s-min=4.5km az=116.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

ISC 15 10:26:19.0±2.8, 11.62N, 43.92E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/44, mbtmp3.6/4, MS3.3/5, Ms1 3.2/5

ISC 15 10:26:20.1±1.4, 11.51N, 44.00E, 0.1, h10km, n11, 0.86E/8, mb3.6/4, MS3.2/4, Ethiopia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

ISC 15 10:45:35.9±2.9, 11.67N, 43.94E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/31, mbtmp3.6/4, MS3.5/4, Ms1 3.6/4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

ISCJB 15 10:46:57.5±1.1, 11.8N, 0.244E, 14E, 0.09, h10km, mb3.7/9, MS3.2/6, Error ellipse: s-maj=26.9km s-min=8.8km

ISC 15 10:46:57.4±1.5, 11.75N, 44.07E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.8/31, mbtmp3.8/9, MS3.3/7, Ms1 3.3/7

ISC 15 10:46:58.9±1.4, 11.77N, 0.244E, 0.1, h10km, n16, 0.82E/11, mb3.9/9, MS3.1/6, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

AUST 15 11:09:32.5±4.0, 00N, 126.00E, h15km, Error ellipse: s-maj=11.9km s-min=9.0km az=3.66N, 0.07±126.35E, 0.09, h10km

ISC 15 11:09:34.0±0.9, 3.66N, 126.51E, h0km, mb4.1/9, mb1 4.2/9, mb1mx3.9/50, mbtmp4.1/9, MS3.0/4, Ms1 3.0/4

ISC 15 11:09:35.0±0.6, 3.62N, 0.10, 126.4E, 0.1, h10km, n23, 0.82E/17, mb4.1/9, MS2.7/3, 1C, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

ISC 15 11:12:17.5±0.8, 11.67N, 43.45E, h0km, mb4.3/20, mb1 4.4/21, mb1mx4.2/52, mbtmp4.3/21, ML3.5/1, MS4.1/25

ISC 15 11:12:18.2, 11.89N, 43.57E, h4km, mb4.7/22, MB5.1/13, Ms4.6/11, Ms7.4/3/11

CSEM 15 11:12:18.7±0.2, 11.77N, 43.55E, h2km, mb4.6/24, Error ellipse: s-maj=10.3km s-min=7.0km az=151.0

ISCJB 15 11:12:18.7±1.9, 11.77N, 0.05±43.44E, 0.04, h11km±11km, MS4.6/50, MS4.2/27, Error ellipse: s-maj=9.4km s-min=5.9km az=158.5

MOS 15 11:12:19.4±1.8, 11.93N, 43.46E, h10km, mb4.7/26, MS4.3/9, Error ellipse: s-maj=14.0km s-min=6.1km az=89.8

NEIC 15 11:12:19.8±0.5, 11.76N, 43.47E, h10km, mb4.6/15, Error ellipse: s-maj=11.0km s-min=8.7km az=149.0

NEIC Felt at Adan, Yemen and Assab, Eritrea.

ISC 15 11:20:30.5±1.7, 11.74N, 0.06±43.45E, 0.05, h11km±2km, h11km±2km, pP, n218, 0.159Z/221, mb4.5/50, MS4.1/27, 28C-9D, Ethiopia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2010 NOV section.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKH Alkhakalaki, DGRG David-gareji, ONI Oni, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like LPSR Galich'ya Gora, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CMAR Chiang Mai Arr, CM01 Chiang Mai Arr, NOA NORSAR Array B, etc.

Table with columns: ABKAR, BRTR, LPSR, etc. and rows listing astronomical objects with their names, coordinates, and other parameters.

Table with columns: DBIC, KSR5, ILAR, etc. and rows listing astronomical objects with their names, coordinates, and other parameters.

Table with columns: PDAR, SHPR, MSU, etc. and rows listing astronomical objects with their names, coordinates, and other parameters.

LDG 15 12:22:57.6:0.1,44.95N-9.23E,h10km,MI2.6/24,Error ellipse: s-maj=1.6km,s-min=1.0km,az=73.0

ISC 15 12:22:56.7:0.9,44.96N-0.02:9.23E,0.03,h26km,gBkm,m63,c076/118,Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Bobbio (Coli), Bobbio, Varesse, Muggio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Saint Saulge, Bois d'Angland, etc.

ISCJB 15 12:46:57.0:1.2,11.7N:0.2:43.57E:0.09,h14km,mb3.8/9,MS3.2/3,Error ellipse: s-maj=28.5km,s-min=8.6km,az=159.4

ISC 15 12:46:56.1:1.4,11.56N:43.48E,h0km,mb3.8/9,mb1.4/0.9,mb1mx3.6/5.1,mbtmp3.9/9,MS3.4/4,Ms1.3/3.4,ms1mx2.8/3.6,Error ellipse: s-maj=36.5km,s-min=12.6km,az=165.0

ISC 15 12:46:57.9:1.0,11.5N:0.1:43.55E:0.08,h14km,n16,c080/15,mb3.9/9,MS3.2/3,Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Arta Tunnel, Furi, Kilima Mbogo, etc.

DJA 15 12:52:53.9:0.4,8.5S:6.11E:7.1,h18km,gBkm,M3.8/10,mb4.7/2,MLV3.3/10,Sumbawa region

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

ISC 15 12:56:26.6:1.1,11.77N:43.96E,h0km,mb3.8/11,mb1.3/9/11,mb1mx3.7/39,mbtmp3.8/11,MS3.5/10,Ms1.3/5.10,ms1mx3.2/3.0,Error ellipse: s-maj=28.6km,s-min=14.8km,az=163.0

ISC 15 12:56:26.3:1.1,11.4N:0.2:43.99E:0.09,h10km,n20,c1946/14,mb3.8/11,MS3.4/8,Ethiopia

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

ISCJB 15 13:02:33.8:0.8,11.9N:0.2:44.00E:0.09,h4km,mb3.8/8,MS3.2/1,Error ellipse: s-maj=24.0km,s-min=8.0km,az=153.5

ISC 15 13:02:34.8:1.1,11.82N:43.95E,h0km,mb3.8/8,mb1.4/0.8,mb1mx3.7/33,mbtmp3.8/8,MS3.2/1,Ms1.3/2.1,ms1mx2.6/2.5,Error ellipse: s-maj=32.7km,s-min=15.1km,az=162.0

ISC 15 13:02:36.1:0.9,12.0N:0.2:44.0E:0.1,h4km,n12,c1857/12,mb3.8/8,Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Arta Tunnel, Furi, Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Torodi Ar. Bea, GERES, MKAR, etc.

KRNET 15 13:03:01.6:0.1,39.53N:73.99E,mb3.0,ISCJB 15 13:03:03.9:1.1,39.46N:0.06:74.01E:0.06,h10km,Error ellipse: s-maj=9.3km,s-min=6.1km,az=154.6

NNC 15 13:03:04.9:1.4,39.67N:73.97E,h0km,mb3.3,mpv3.1,Error ellipse: s-maj=13.7km,s-min=6.9km,az=131.0

ISC 15 13:03:04.5:1.6,39.61N:0.07:74.19E:0.06,h10km,n15,c1947/29,18C-13D,Southern Xinjiang

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

ISC 15 13:27:18.0:1.9,11.53N:43.55E,h0km,mb3.9/5,mb1.4/0.5,mb1mx3.5/33,mbtmp3.9/5,MS3.4/1,Ms1.3/4/1,ms1mx2.6/3.7,Error ellipse: s-maj=53.9km,s-min=20.2km,az=170.0

ISCJB 15 13:27:18.8:1.7,11.5N:0.3:43.6E:0.1,h14km,mb3.9/6,Error ellipse: s-maj=46.2km,s-min=16.3km,az=169.9

NEIC 15 13:27:19.3:2.2,11.38N:43.51E,h10km,mb4.0/1,Error ellipse: s-maj=56.6km,s-min=18.2km,az=178.0

CSEM 15 13:27:19.3:1.1,38N:43.51E,h10km,mb4.0/1,After NEIC ISC 15 13:27:19.8:2.3,11.4N:0.4:43.5E:0.1,h14km,n9,c1978/8,mb4.0/6,Ethiopia

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

CSEM 15 13:35:28.6:0.3,43.79N:20.73E,h6km,ML1.5,After BEO BEO 15 13:35:28.6:0.3,43.79N:20.73E,h6km,3km,ML1.5/8,Northern Balkan Peninsula

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

15d 13h

Table with columns: BARS, Barje, Zavoj, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes station names like ISJCJB, IDC, MOS, NEIC, CSEM, DSN, BUI, and ISC.

Main table for 15d 13h section with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Lists numerous stations such as Arta Tunnel, Dhamar, Furi, KMB0, etc.

2010 NOV

Main table for 2010 NOV section with columns: PALK, MLR, MNR, VRI, etc. Lists stations like Pallekele, Muntele Rosu, Vri Vri, etc.

776

Main table for 776 section with columns: CLL, CLM, CLS, etc. Lists stations like Colim, Colim, Colim, etc.

Summary table for 776 section with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Lists stations like Arta Tunnel, Dhamar, Furi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIRR Tirgusor, CFR Carcalui, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISP Isparta, BAGO Egridir - ISPA, KORT Korkueli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARMA Armadale, EIDS Eidsvoll, MGDs Mangrove Creek, etc.

Table with columns: BUTP, PAGZ, IPIL, WRA, ASAR, AAK, ILAR. Rows include station names like Butuan, Pagadian, Ipil, Warramunga Arr, Alice Springs, Ala-Archa, Elison Array and their respective coordinates and parameters.

ISCJBJ 15 17:38:50.3, 0.8, 36.68N, 0.07, 87.68E, 0.07, h10km, mb3.5/4, MS3.3/7, Error ellipse: s-maj=10.2km

IDC 15 17:38:50.5, 1.2, 36.53N, 87.60E, h0km, mb3.5/6, mb1.3/5.1, mb1mx3.4/8.5, mbtmp3.5/11, ML3.0/5, MS3.3/8, Ms1.3/3.8, ms1mx3.1/2.8, Error ellipse: s-maj=28.3km

BUI 15 17:38:51.9, 36.57N, 87.51E, h5km, ML4.1/10, ISC 15 17:38:51.9, 1.0, 36.58N, 10.10, 87.64E, h10km, n21, c215/15, mb3.6/4, MS3.2/7, Southern Xinjiang

Main table for station 779. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Urumqi, Kashi, Gaotai, Alar-Archa, Chengdu, Kuratov Arra, Zalesovo Beam, Sonmigo Array, etc.

IDC 15 17:42:04.5, 1.9, 11.38N, 43.77E, h0km, mb3.5/4, mb1.3/6.4, mb1mx3.6/3.6, mbtmp3.5/4, MS3.2/1, Ms1.3/2.1, Ms1.3/4.1, ms1mx2.6/2.9, Error ellipse: s-maj=60.9km

Table for station 779, ID 15 17:42:04.5. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Arta Tunnel, Mount Meron Arr, Keskin Array, etc.

IDC 15 17:48:28.6, 0.7, 40.14N, 76.84E, h0km, mb3.8/12, mb1.4/0.18, mb1mx3.8/6.1, mbtmp3.9/18, ML3.8/6, MS3.4/1, Ms1.3/4.1, ms1mx2.6/2.9, Error ellipse: s-maj=15.3km

BUI 15 17:48:31.0, 40.41N, 76.89E, h9km, mb3.9, ML3.8/9, MS3.6/2, Error ellipse: s-maj=13.7km s-min=7.5km az=148.0

KRNET 15 17:48:33.2, 0.1, 40.37N, 76.78E, mb4.3, ISC 15 17:48:32.1, 1.0, 40.31N, 76.47E, 0.03, h16km, g6km, n79, c1150/83, mb3.8/1.2, 0C-17.62, Kyrgyzstan-Xinjiang border region

Table for station 779, ID 15 17:48:33.2. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Kashi, Naryn, Boomsokye usch, etc.

Main table for station 2010 NOV. Columns: ARLS, PRZ, UCH, ANVS, KBK, KBK, TKM2, AAK, AAK, AAK, AML, AML, KNDK, FRU, ARSB, CHMS, CHMS, EKS2, EKS2, USP, USP, PDGK, PDGK, PDGK, PDGK, MNAS, MNAS, MNAS, MNAS, ARK, ARK, KK31, KK31, KK31, DZET, DZET, DZET, CHCP, CEP, CEP, MK31, MK31, MKAR, MKAR, THW, OTUK, OTUK, SARP, SMLA, SMLA, KURBB, KURBB, KURBB, DANN, BVAO, BVAO, BVAO, BVAR, BVAR, BRVK, BRVK, IMYA, KOLN, KOLN, GKN, GKN, CHKZ, CHKZ. Rows include station names and their coordinates and parameters.

Table for station 15d 17h. Columns: CHKZ, KKN, IPAY, DMN, GUN, PKIN, PKI, GEYT, ZALV, ZALV, AB31, RAMN, TAPN, ODAN, AKTO, AKTO, GTA, GTA, GTA, GTA, SONM, SONM, CMAR, BRTR, FINES, FINES, ARCES, ARCES, NOA, NOA, GERES, GERES, INK, INK, ILAR, ILAR, TORD, TORD, MATP, MATP, ASAR, ASAR. Rows include station names and their coordinates and parameters.

ISCJBJ 15 17:54:03.0, 0.5, 11.93N, 0.06, 43.99E, 0.06, h4km, mb4.2/2.9, MS3.6/4, Error ellipse: s-maj=10.6km

IDC 15 17:54:03.0, 2.0, 11.85N, 43.96E, h0km, mb4.1/16, mb1.4/2.16, mb1mx4.0/3.7, mbtmp4.1/16, MS3.7/15, Ms1.3/6.15, ms1mx3.5/3.4, Error ellipse: s-maj=21.5km

NEIC 15 17:54:05.3, 0.5, 11.95N, 43.94E, h10km, mb4.3/4, Error ellipse: s-maj=13.2km s-min=8.9km az=123.0

CSEM 15 17:54:05.7, 0.3, 11.94N, 43.96E, h10km, mb4.2/4, Error ellipse: s-maj=11.7km s-min=7.9km az=135.0

BUI 15 17:54:05.0, 12.00N, 44.10E, h10km, mb4.4/8, mb4.9/6, ms1.4/7.2, Ms7.4/4.1, Error ellipse: s-maj=10.9km, n97, c1810/93, mb4.1/23, MS3.5/14, 19C-6D, Ethiopia

Table for station 15d 17h, ID 15 17:54:03.0. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Arta Tunnel, Damar, Damar, Furi, Furi, Kilima Mbogo, Kilima Mbogo, ISRV, ISRV, IPAR, IPAR, IPAR, IPAR, ASF, ASF, IRAM, IRAM, IRPIR, IRPIR, IGAR, IGAR, IZEF, IZEF, IKLH, IKLH, IKLH, IKLH, IDHR, IDHR, IZAZ, IZAZ, IRAZ, IRAZ, IDMV, IDMV, IDMV, IDMV, IANJ, IANJ, IANJ, IANJ, IGLO, IGLO, ISHB, ISHB, IPAY, IPAY, IPAY, IPAY, IAKL, IAKL, ISRAY, ISRAY, ISFR, ISFR, GNI, GNI, ISHV, ISHV, GEYT, GEYT, BRTR, BRTR, BRTR, BRTR, KBZ, KBZ, KBZ, KBZ, TIRR, TIRR, TIRR, TIRR, CFR, CFR, PLAR, PLAR, MLR, MLR, MLR, MLR, VRI, VRI, VRI, VRI, PLOR, PLOR, PLOR, PLOR, VOIR, VOIR, GZR, GZR, GZR, GZR.

FFC	Flin Flon	25.57	82	eP	P	18 30 07.8 +1.0
	comp=Z,11nm,1.0s					
HRV	Holter Researc	25.80	105	eP	P	18 30 08.9 -0.2
	comp=Z,5.8nm,0.6s					
EGMT	Eagleton	25.87	101	P	P	18 30 09.7 0.0
	baz=26					
EGMT	Eagleton	25.87	101	eP	P	18 30 09.4 -0.4
	comp=Z,46nm,0.9s					
WDC	Whiskeytown Da	25.95	128	eP	P	18 30 13.6 +3.2
WDC	Whiskeytown Da	25.95	128	eP	P	18 30 13.6 +3.2
WVOR	Wild Horse Val	25.99	120	eP	P	18 30 10.4 -0.5
WVOR	Wild Horse Val	25.99	120	eP	P	18 30 10.4 -0.5
	comp=Z,76nm,2.0s					
WVOR	Wild Horse Val	25.99	120	eP	P	18 30 10.4 -0.5
	comp=Z,7.4nm,0.8s					
LRM	Limekiln Ridge	26.15	107	eP	P	18 30 11.4 -1.1
DLMT	Dillon	26.43	108	eP	P	18 30 17.7 +2.9
	comp=Z,22nm,1.0s					
MFID	Camas Ranch	26.44	115	eP	P	18 30 15.8 +0.9
	comp=Z,8.2nm,0.9s					
BOZ	Bozeman (W)	26.67	107	eP	P	18 30 16.7 -0.4
BOZ	Bozeman (W)	26.67	107	eP	P	18 30 16.7 -0.4
	comp=Z,11nm,1.0s					
BOZ	Bozeman (W)	26.67	107	eP	P	18 30 17.8 +0.7
	baz=27					
BOZ	Bozeman (W)	26.67	107	eP	P	18 30 16.7 -0.4
	comp=Z,11nm,1.0s					
MCMT	McKenzie Canyo	26.71	109	eP	P	18 30 17.5 0.0
SEY	Seymour	26.86	301	eP	P	18 30 17.6 -0.8
	comp=Z,3.0nm,0.7s, baz=57,slow=18,SNR=6.4					
SEY	Seymchan	26.86	301	eP	P	18 30 19.4 +1.0
HLID	Hailey	26.96	113	P	P	18 30 20.7 +1.0
	baz=27					
HLID	Hailey	26.96	113	P	P	18 30 20.0 +0.3
	comp=Z,8.2nm,0.9s					
QLMT	Earthquake Lak	27.37	108	eP	P	18 30 23.5 +0.1
YMR	Madison River	27.71	107	eP	P	18 30 27.4 +0.9
H17A	Grant Village	28.10	107	P	P	18 30 31.4 +1.4
	baz=28					
RLMT	Red Lodge	28.18	105	P	P	18 30 31.9 +1.2
	baz=28					
BMN	Battle Mountai	28.25	121	eP	P	18 30 32.8 +1.6
BMN	Battle Mountai	28.25	121	eP	P	18 30 32.8 +1.6
	comp=Z,5.0nm,0.8s					
BMN	Battle Mountai	28.25	121	eP	P	18 30 32.8 +1.6
	comp=Z,5.0nm,0.8s					
FXWY	Fox Creek	28.46	109	eP	P	18 30 34.5 +1.3
	comp=Z,8.5nm,0.9s					
MOOW	Moose Ponds	28.51	108	eP	P	18 30 33.6 -0.1
	comp=Z,8.3nm,1.2s					
REDW	Red Top Meadow	28.76	109	eP	P	18 30 37.2 +1.4
	comp=Z,1.6nm,1.1s					
ELK	Elko	28.84	118	P	P	18 30 37.5 +0.9
	comp=Z,3.9nm,0.8s, baz=45,slow=4.6,SNR=4.7					
ELK	Elko	28.84	118	P	P	18 30 37.5 +0.9
	comp=Z,16.1nm,19.8s, baz=316,slow=36					
ELK	Elko	28.84	118	P	P	18 30 37.5 +0.9
	comp=Z,4.0nm,0.8s					
ELK	Elko	28.84	118	eP	P	18 30 37.7 +1.1
	comp=Z,12nm,0.8s					
PETK	Petrovavlovsk-	29.15	279	P	P	18 30 37.2 -1.8
	comp=Z,7.1nm,0.9s, baz=95,slow=11,SNR=4.6					
PETK	Petrovavlovsk-	29.15	279	P	P	18 30 37.2 -1.8
	comp=Z,7.1nm,0.9s, baz=95,slow=11,SNR=4.6					
NVAR	Mina Array Bea	29.48	124	eP	P	18 30 44.8 +2.6
	comp=Z,2.5nm,0.7s, baz=322,slow=9.6,SNR=8.8					
NVAR	Mina Array Bea	29.48	124	eP	P	18 30 44.8 +2.6
	comp=Z,2.5nm,0.7s, baz=322,slow=9.6,SNR=8.8					
PDAR	Pinedale Array	29.82	108	P	P	18 30 45.9 +0.6
	comp=Z,0.8nm,0.5s, baz=308,slow=7.2,SNR=11					
PDAR	Pinedale Array	29.82	108	P	P	18 30 45.9 +0.6
	comp=Z,0.8nm,0.5s, baz=308,slow=7.2,SNR=11					
D26A	Manning	30.14	95	P	P	18 30 48.4 +0.6
	comp=Z,244nm,19.2s, baz=336,slow=38					
DUG	Dugway	30.36	115	P	P	18 30 51.6 +1.6
	baz=30					
A29A	Manning Farm,	30.44	89	P	P	18 30 51.2 +0.8
	baz=30					
R11A	Troy Canyon, C	30.68	121	P	P	18 30 54.1 +1.3
	baz=31					
R11A	Troy Canyon, C	30.68	121	eP	P	18 30 54.7 +1.9
B29A	Wagenman Farm,	30.68	90	P	P	18 30 53.3 +0.8
	baz=30					
B30A	Myrvik Farm, E	31.20	89	P	P	18 30 57.1 0.0
	baz=30					
ULM	Lac du Bonnet	31.23	85	P	P	18 31 00.1 +2.8
	comp=Z,2.2nm,0.6s, baz=333,slow=11,SNR=2.3					
E28A	Huff	31.32	94	P	P	18 30 59.1 +0.9
	baz=31					
K22A	Casper	31.34	105	P	P	18 30 58.3 -0.3
	baz=31					
K22A	Casper	31.34	105	eP	P	18 30 56.1 -2.5
	comp=Z,9.2nm,0.8s					
RSSD	Black Hills	31.44	101	eP	P	18 30 59.0 -0.5
RSSD	Black Hills	31.44	101	eP	P	18 30 59.0 -0.5
	comp=Z,12nm,0.9s					
RSSD	Black Hills	31.44	101	eP	P	18 30 59.0 -0.5
	comp=Z,12nm,0.9s					
DAC	Darwin (Calif)	31.62	126	eP	P	18 31 03.1 +2.0
DAC	Darwin (Calif)	31.62	126	eP	P	18 31 03.1 +2.0
DAC	Darwin (Calif)	31.62	126	eP	P	18 31 03.1 +2.0
DAC	Darwin (Calif)	31.62	126	eP	P	18 31 03.1 +2.0
DAC	Darwin (Calif)	31.62	126	eP	P	18 31 03.1 +2.0
FURC	Furnace Creek,	31.75	124	P	P	18 31 02.7 +1.7
	baz=32					
F28A	McLaughlin	31.77	95	P	P	18 31 02.6 +0.4
	baz=32					
A32A	Rocking H Ranch	31.79	87	P	P	18 31 02.7 +0.4
	baz=32					
ISA	Isabella	31.80	127	eP	P	18 31 01.3 -1.3
ISA	Isabella	31.80	127	eP	P	18 31 01.3 -1.3
	comp=Z,9.0nm,0.8s					
ISA	Isabella	31.80	127	eP	P	18 31 04.4 +1.9
	baz=32,SNR=6.3					
ISA	Isabella	31.80	127	eP	P	18 31 01.3 -1.3
	comp=Z,8.8nm,0.8s					
MPMC	Manual Prospec	31.85	126	P	P	18 31 05.2 +2.0
	baz=32,SNR=6.0					
PKM	Peak Mountain	31.96	130	P	P	18 31 05.5 +1.4
	baz=32					
P18A	Preston Nutter	31.98	113	eSP	P	18 31 15.1 -0.2
H27A	Hoves	32.02	98	P	P	18 31 04.2 -0.2
	baz=32					
MSU	Marysvale	32.02	116	eP	P	18 31 03.6 -1.1
MSU	Marysvale	32.02	116	eP	P	18 31 03.6 -1.1
	comp=Z,15nm,0.8s					
MSU	Marysvale	32.02	116	eP	P	18 31 03.6 -1.1
	comp=Z,15nm,0.8s					
J25A	Sunshine Ranch	32.10	101	P	P	18 31 05.8 +0.7
	baz=32					
TIXI	Tiksi	32.11	324	eP	P	18 31 03.9 -0.9
	comp=Z,1.0nm,0.5s					
B32A	Ashes, Strandq	32.12	88	P	P	18 31 04.9 -0.2
	baz=32					
SRU	San Rafael	32.27	114	eP	P	18 31 08.4 +1.6
SRU	San Rafael	32.27	114	eP	P	18 31 08.4 +1.6
	comp=Z,21nm,0.9s					
SRU	San Rafael	32.27	114	eP	P	18 31 08.4 +1.6
	comp=Z,21nm,0.9s					
LRMC	Laurel Mountai	32.28	127	P	P	18 31 09.1 +2.3
	baz=32,SNR=6.1					
CCUT	Cedar City	32.30	119	eP	P	18 31 06.8 -0.3
	comp=Z,12nm,1.1s					
A33A	Warroad	32.33	86	P	P	18 31 07.7 +0.7
	baz=32					
SHPR	Sheep Range	32.42	122	P	P	18 31 07.4 -0.7
	comp=Z,5.7nm,1.0s					
SHPR	White River Ci	32.50	110	eSP	P	18 31 18.3
O20A	White River Ci	32.50	110	eP	P	18 31 10.0 +1.2
	comp=Z,1.1nm,0.8s					
O20A	White River Ci	32.50	110	eP	P	18 31 07.7 -1.1
	comp=Z,1.1nm,0.8s					
AGMN	Agassiz Ranch	32.52	88	P	P	18 31 08.9 +0.2
	baz=32					
G29A	Hoven	32.67	95	P	P	18 31 10.8 +0.7
	baz=32					
EDW2	Edwards Air Fo	32.68	127	P	P	18 31 13.2 +2.9
	baz=32					
GSC	Goldstone	32.78	126	eP	P	18 31 11.2 0.0
GSC	Goldstone	32.78	126	eP	P	18 31 11.2 0.0
	comp=Z,10.0nm,0.8s					
GSC	Goldstone	32.78	126	eP	P	18 31 13.6 +2.4
	baz=33					

GSC	Goldstone	32.78	126	eP	P	18 31 11.2 0.0
	comp=Z,10.0nm,0.8s					
H29A	Onida	32.94	96	P	P	18 31 14.3 +1.9
	baz=33					
N23A	Red Feather La	32.98	107	P	P	18 31 14.3 +1.2
	baz=33					
B34A	Aery, Baudette	32.99	86	P	P	18 31 14.6 +1.8
	baz=33					
G30A	Faulton	33.10	95	P	P	18 31 14.1 +0.3
	baz=33					
MWC	Mount Wilson	33.23	128	eSP	P	18 31 26.2 +0.1
BFC	Mount Baldy Ra	33.37	128	P	P	18 31 18.4 +2.0
	baz=33					
HEC	Hector,Ludlow	33.38	125	P	P	18 31 18.6 +2.2
	baz=33					
PV09	Paradox Valley	33.40	113	eSP	P	18 31 27.7 0.0
PV05	Paradox Valley	33.76	113	eSP	P	18 31 30.1 -0.7
C35A	Jirik Farms, M	33.86	87	P	P	18 31 21.2 +0.8
	baz=33					

Table with 5 columns: Station Name, Az, El, Res, and other parameters. Includes stations like TVSB Tavsanli, TVSB Tavsanli, BLBC Balcova, etc.

ISCJB 15 18:36:59.8±0.5, 11.714N±0.06±44.00E±0.03, h4km, mb4.5/41, MS4.0/27, Error ellipse: s-maj=9.4km s-min=4.9km az=175.9

IDC 15 18:37:00.8±0.9, 11.586N±43.97E, h0km, mb4.3/19, mb1.4/42.0, mb1mx3.2/36, mbtmp4.3/20, MLS3.0/1, MS4.1/30, Ms1.4/0.30, ms1mx3.8/5.1, Error ellipse: s-maj=20.1km s-min=15.1km az=175.0

BUI 15 18:37:01.7, 11.611N±44.24E, h14km, mb4.5/15, mb5.0/9, Ms4.7/5, Ms7.4/6.5

NEIC 15 18:37:02.4±0.7, 11.828N±43.94E, h10km, mb4.8/11, Error ellipse: s-maj=13.5km s-min=11.1km az=162.0

CSEM 15 18:37:02.7±0.3, 11.83N±44.01E, h10km, mb4.6/20, Ms5.0, Error ellipse: s-maj=11.0km s-min=7.5km az=161.0

DSN 15 18:37:04.1±0.0, 12.00N±44.00E, h11km, mb4.8/9, Ms5.0/8, Error ellipse: s-maj=0.0km s-min=0.0km az=0

OMAN 15 18:37:11.4±3.3, 12.70N±44.03E, h10km, Error ellipse: s-maj=55.9km s-min=12.0km az=176.0

ISC 15 18:37:01.7±0.5, 11.800N±08.4397E±0.06, h4km, n199, ±1512.19N, mb4.5/41, MS4.0/27, 33C-11D, Ethiopia

Main table for station 783, listing station names, coordinates, and other parameters. Includes stations like Arta Tunnel, Dhamar, Furi, Rayn, Mbogo, etc.

Table with 5 columns: Station Name, Az, El, Res, and other parameters. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, VRI Vrincoia, etc.

MLR Muntele Rosu 36.93 339.0 P 18 44 12.8 ±0.8

TAM Tamnasset 10.0nm, 1.4s 38.19 292 eP 18 44 24.3 ±1.3

AKB AR Abukhal array 39.62 16 eP 18 44 33.7 ±0.7

AKB AR Abukhal array 39.62 16 eP 18 44 33.7 ±0.7

AML Almayashu 39.80 35 P 18 44 37.7 ±1.2

AML Almayashu 39.80 35 P 18 44 37.7 ±1.2

EKS Erkin-Say 40.19 35 P 18 44 41.1 ±1.7

EKS Erkin-Say 40.19 35 P 18 44 41.1 ±1.7

AKO Aktynskoye 40.21 14 LR 19 04 26.9

KOLN Koldanda 40.33 61 eP 18 44 39.4 ±1.5

PKSM Moragy 40.47 333.0 P 18 44 41.9 ±0.4

PKSM Moragy 40.47 333.0 P 18 44 41.9 ±0.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

AAK Ala-Archa 40.58 35 P 18 44 45.1 ±2.4

Table with 5 columns: Station Name, Az, El, Res, and other parameters. Includes stations like PRU Pruhonice, PRU Pruhonice, DAVU Damuels, etc.

PRU Pruhonice 45.12 333.0 ex x 18 45 53.4

DAVA Damuels 45.50 328.0 P P 18 45 22.1 ±0.4

PVCC Panska Ves 45.50 334 eP P 18 45 22.1 ±0.1

PVCC Panska Ves 45.50 334 eP P 18 45 22.1 ±0.1

BRG Bergjesshubel 46.03 334 eP P 18 45 24.7 ±1.7

CLL Collin 46.75 334.0 P P 18 45 31.3 ±0.7

MKAR Makanchi Array 47.51 35 P P 18 45 36.2 ±1.9

MKAR Makanchi Array 47.51 35 P P 18 45 36.2 ±1.9

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

WMQ Urumqi 49.28 41 eP P 18 45 52.3 ±0.4

DJA 15 18:38:13.6±1.3, 11°N±8'±10°E±1, h131km±23km, M3.5/6, ML3.5/6, Northern Sumatera

Table with 5 columns: Station Name, Az, El, Res, and other parameters. Includes stations like BKN Bangkinang, PPI Padang Panjang, PDSI Padang, etc.

ISCJB 15 18:45:37.8±1.1, 11.9N±0.2±44.0E±0.1, h4km, mb3.7/8, MS3.5/1, Error ellipse: s-maj=30.5km s-min=9.1km az=153.9

IDC 15 18:45:38.9±1.5, 11.86N±43.98E, h0km, mb3.8/8, mb1.3/9.8, mb1mx3.6/42, mbtmp3.8/8, MS3.6/1, Ms1.3/6.1, ms1mx2.7/49, Error ellipse: s-maj=37.3km s-min=18.5km az=160.0

ISC 15 18:45:39.5±1.3, 11.9N±0.2±44.0E±0.1, h4km, n11, ±1825.10N, mb3.9/8, Ethiopia

Main table for station 15d 18h, listing station names, coordinates, and other parameters. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, KMBO Kilima Mbogo, etc.

TRN 15 18:47:23.5, 13.81N±60.36W, h14km, MD3.7/3C, Windward Islands

Table with 5 columns: Station Name, Az, El, Res, and other parameters. Includes stations like MCLT Moule a Chique, MCLT Moule a Chique, MCLT Moule a Chique, etc.

15d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Savane Anatole, Pelee Case Pet, Pelee Case Pet, etc.

ISCJB 15 18:55:18.3±0.3, 32.71N±0.04±97.12E±0.04, h10km, mb4.0/18, MS2.9/1, Error ellipse: s-maj=5.5km s-min=4.4km az=13.7

BUI 15 18:55:18.6±0.2, 32.79N±97.24E, h10km, mb4.5/13, mb4.5/4, ML3.8/8, MS3.9/7, M5.7/3/9

IDC 15 18:55:18.3±0.7, 32.73N±97.26E, h0km, mb3.9/16, mb1.5/4, 1/19, mb1mx3.9/8.5, mbmp4.0/19, ML3.5/3, MS3.0/1, M5.1/3.0/1, ms1mx2.7/3.1, Error ellipse: s-maj=25.2km s-min=12.8km az=49.0

NEIC 15 18:55:20.0±0.4, 32.79N±97.30E, h10km, mb4.0/4, Error ellipse: s-maj=10.1km s-min=6.3km az=63.0

ISC 15 18:55:20.7±0.5, 32.77N±0.05±97.21E±0.04, h10km, n60, e164/59, mb4.0/18, 1C, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chengdu, 70nm, 0.9s, 100nm, 1.3s, etc.

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

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

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

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

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

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

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

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CN2, CN2, CN2, etc.

ISC 15 18:56:10.6±0.7, 37.78N±27.33E, h7km, MD2.7, ISCJB 15 18:56:11.5±0.7, 37.83N±27.34E±0.05, h11km, 9km, Error ellipse: s-maj=9.5km s-min=6.3km az=4.1

DDA 15 18:56:11.3±0.7, 37.87N±27.32E, h7km, MD2.1, CSEM 15 18:56:11.2±0.2, 37.78N±27.34E, h12km, MD2.7, Error ellipse: s-maj=7.2km s-min=5.7km az=20.0

ISC 15 18:56:11.5±1.0, 37.82N±0.05±27.34E±0.03, h16km, 8km, n13, e067/18, Turkey

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

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

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

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

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

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

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

NEIC 15 18:59:33.7±0.5, 43.71N±0.04±105.22W±0.05, h0km, mb4.0/3, Error ellipse: s-maj=5.9km s-min=5.4km az=139.4

NEIC 15 18:59:35.1±0.5, 43.70N±105.20W, h0km, ML3.2, Error ellipse: s-maj=6.4km s-min=6.2km az=205.0, Suspected Mining explosion.

NEIC 70 km [45 miles] SSE of Gillette, ISC 15 18:59:36.0±0.9, 43.70N±0.05±105.16W±0.06, h0km, n40, e121/38, mb4.1/3, Wyoming

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BWO6, BWO6, BWO6, etc.

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

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

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

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

IDC 15 19:02:42.8±1.4, 11.59N±43.93E, h0km, mb3.9/15, mb1.4/0.16, mb1mx3.8/6.6, mbmp3.9/16, ML3.0/1, MS3.7/11, M5.1/3.7/11, ms1mx3.3/4.0, Error ellipse: s-maj=30.5km s-min=14.2km az=168.0

ISCJB 15 19:02:43.2±0.7, 11.65N±0.08±44.00E±0.06, h10km, mb3.8/15, MS3.7/9, Error ellipse: s-maj=13.1km s-min=7.5km az=151.0

NEIC 15 19:02:44.9±0.6, 11.68N±43.95E, h10km, mb4.3/1, Error ellipse: s-maj=13.9km s-min=9.2km az=13.1

CSEM 15 19:02:45.1±0.4, 11.68N±44.08E, h10km, mb4.3, Error ellipse: s-maj=17.8km s-min=14.0km az=107.0

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

ISC 15 19:02:45.2±0.8, 11.73N±0.10±43.95E±0.08, h10km, n49, e130/47, mb3.9/15, MS3.5/9, 13C-6D, Ethiopia

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NMC 15 19:03:09.8±2.7, 36.93N±70.22E, h203km±21km, mb2.8, mp3.8, Error ellipse: s-maj=28.4km s-min=16.5km az=147.0

ISC 15 19:03:08.3±2.8, 36.8N±0.2±70.26E±0.09, h200km, n12, e113/18, 5C-7D, Hindu Kush region

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TKM2, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TKM2, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AB31, AB31, AB31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AB31, AB31, AB31, etc.

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

ISC 15 19:05:01.9±0.4, 34.62S±72.69W, h33km±2km, ML3.5, Near coast of central Chile

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

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

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

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

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

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

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

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

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

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

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

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

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

15d 19h

s-min=14.6km az=55.0
NEIC 15 19:38:12.9,0.3,7.90N,91.64E,h10km,19km,mb4.2/2,
Error ellipse: s-maj=9.4km s-min=5.9km az=53.0

AUST 15 19:38:22.7,5.7,79N,90.91E,h35km
BKK 15 19:39:19.0,2.4,13N,6.9E,3E2.3,h10km,M4.3/1,
mb4.3/11

ISC 15 19:38:13.3,0.6,7.87N,0.08,91.75E,0.08,h10km,n53,
r159/38,mb4.0/11,Nicobar Islands region

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

IDC 15 19:38:29.9,1.8,35.87N,95.94E,h0km,mb3.6/4,
mb1 3.6/9,mb1mx3.4/87,mbtmp3.6/9,ML3.3,MS2.6/2,
Ms1 2.6/2,ms1mx2.4/28,Error ellipse: s-maj=44.6km
s-min=25.1km az=10.0

ISCJB 15 19:38:30.2,1.5,36.0N,0.2,95.9E,0.1,h10km,mb3.5/4,
Error ellipse: s-maj=27.0km s-min=15.6km az=1.5

ISC 15 19:38:31.9,1.7,36.0N,0.2,95.9E,0.1,h10km,n9,r159/9,
mb3.6/4,Qinghai

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

TAP 15 19:39:01.4,23.60N,120.65E,h6km,ML3.5,9C-12D,B,
Taiwan

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

2010 NOV

Main table with columns: WGT, Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

786

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

ISCJB 15 19:47:01.3,0.5,50.13N,0.04,19.03E,0.03,h0km,Error
ellipse: s-maj=5.6km s-min=2.5km az=9.4

IPEC 15 19:47:01.9,0.2,50.16N,19.12E,h1km,ML1.6/3,
Error ellipse: s-maj=2.7km s-min=1.1km az=166.0

CSEM 15 19:47:01.9,0.2,50.17N,19.07E,h2km,ML2.5/6,Error
ellipse: s-maj=5.4km s-min=2.3km az=6.0

PRU 15 19:47:03.4,50.11N,19.06E,h0km,n29,
ISC 15 19:47:01.9,0.8,50.14N,0.04,19.07E,0.02,h0km,n29,
r096/47,Poland

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

ISCJB 15 19:48:04.7,0.5,11.89N,0.07,43.86E,0.06,h4km,
mb4.2/18,MS3.8/20,Error ellipse: s-maj=11.2km
s-min=6.7km az=14.7

IDC 15 19:48:04.7,1.0,11.82N,43.84E,h10km,mb4.2/12,
mb1 4.2/13,mb1mx3.9/45,mbtmp4.1/13,ML3.2/11,MS3.8/23,
Ms1 3.8/23,ms1mx3.7/34,Error ellipse: s-maj=24.4km
s-min=13.8km az=160.0

NEIC 15 19:48:06.0,0.6,11.87N,43.84E,h10km,mb4.5/6,Error
ellipse: s-maj=15.0km s-min=10.0km az=129.0

CSEM 15 19:48:07.6,0.3,11.92N,43.95E,h10km,mb4.6/6,Error
ellipse: s-maj=13.1km s-min=12.0km az=88.0

BUI 15 19:48:09.2,12.07N,44.39E,h15km,mb4.4/9,mb5.2/7,
Ms4.7/2,Ms7.4/4/2

ISC 15 19:48:06.4,0.7,11.93N,0.1,43.83E,0.08,h4km,n79,
r159/67,mb4.2/18,MS3.8/20,24C-6D,Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, 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 stations like ISR Istrita, MLR Muntele Rosu, VRI Vrinicioasa, etc.

ISCJB 15 19:55:08.6:0.4, 40.36N:0.03:27.59E:0.04, h11km, 4km, Error ellipse: s-maj=4.6km s-min=4.2km az=154.3

DDA 15 19:55:08.2, 40.37N:27.64E, h7km, MD2.6, Error ellipse: s-maj=1.9km s-min=1.5km az=27.0

ISC 15 19:55:08.0:0.8, 40.35N:0.02:27.58E:0.02, h16km, 6km, n44, c0540/54, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNL Bal-kesir, EDC Edinick, MRMT Marmara Adasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLYT Kilyos, IZI Iznik, SIGR SIGRI, etc.

ISCJB 15 19:57:26.9:1.1, 20.7S:0.2:178.8W:0.2, h600km, mb3.777, Error ellipse: s-maj=27.5km s-min=18.4km az=143.7

DDA 15 19:57:29.4:2.9, 20.70S:178.82W, h613km, 35km, mb3.377, mb1 3.5/7, mb1mx3.2/20, mbtmp4.2/7, Error ellipse: s-maj=19.9km s-min=15.7km az=154.0

ISC 15 19:57:28.1:1.0, 20.7S:0.2:178.8W:0.2, h600km, n12, c1970/13, mb3.877, Fiji Islands region

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

MEX 15 20:06:05.1:0.9, 17.44N:101.17W, h10km, 23km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, ARIG Puente Sto Nin, etc.

ISCJB 15 20:09:40.5:0.5, 37.84N:0.04:27.34E:0.04, h10km, 5km, Error ellipse: s-maj=7.4km s-min=5.2km az=8.1

DDA 15 20:09:40.2, 37.85N:27.35E, h7km, MD2.5, Error ellipse: s-maj=2.1km s-min=1.9km az=10.0

ISC 15 20:09:40.7:0.9, 37.85N:0.03:27.33E:0.03, h12km, 9km, n20, c0528/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcami?, DGB zmir, ZYTB Zeytin koy-Aydi, etc.

NIED 15 20:21:00, 44.00N:147.80E, h53km, Mw3.6 Best double couple: M3:02000x1014 N1:250.0000, 1.7, 0.0000, 1.7, 0.0000

JMA 15 20:21:43.6:0.3, 44.34N:147.93E, h10km, Mw3.6, SKHL 15 20:21:44.9:0.3, 44.32N:148.01E, h54km, 4km, mb4.5/8

ISC 15 20:21:42.8:2.7, 44.26N:148.02E:0.2, h35km, n16, c1976/30, 2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 350nm.0.5s, KUR 550nm.0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YSS 20nm,0.6s, YSS Eniwo, JEW Uglegorok, UGL 70nm,0.8s, UGL Tymoovsko, etc.

CSEM 15 20:30:15.0, 37.35N:19.69E, h15km, MD3.5, After ATH ATH 15 20:30:15.0, 37.35N:19.69E, h15km, 2km, MD3.5/15, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Anninata, RLS Riolos of Patr, etc.

JMA 15 20:41:45.4:0.6, 43.94N:147.85E, h0km, M3.0, SKHL 15 20:41:46.8:0.4, 44.34N:147.97E, h30km, 4km, mb4.1/3

ISC 15 20:41:43.7:3.6, 44.2N:0.1:148.3E:0.2, h47km, n8, c1961/13, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 40nm,0.2s, KUR 50nm,0.2s, etc.

ISCJB 15 20:44:05.0:0.3, 11.71N:143.99E, h10km, mb4.4/12, mb4.9/7, Ms4.7/1, Ms7.4/3/3

Table with columns: APE, APEIRANTHOS, 1.63 242, ePN, Pb, 20 57 05.8 -0.2, RNI, Roncone, 0.37 359, ePg, Pg, 21 05 52.7 +0.2, URLA, Izmir, 0.47 263, P, Sg, 21 11 15.7 -0.6

Table with columns: RNI, Roncone, 0.37 359, ePg, Pg, 21 05 52.7 +0.2, URLA, Izmir, 0.47 263, P, Sg, 21 11 15.7 -0.6

Table with columns: URLA, Izmir, 0.47 263, P, Sg, 21 11 15.7 -0.6, URLA, Izmir, 0.47 263, P, Sg, 21 11 15.7 -0.6

DDA 15 21:00:53.4, 37.85N-27.28E, h7km, MD2.1

CSEM 15 21:00:53.9, 0.2, 37.87N-27.34E, h2km, MD2.1, Error ellipse: s-maj=5.8km s-min=3.8km az=90.0

ISC 15 21:00:53.7, 37.91N-27.40E, h5km, MD2.6

ISC 15 21:00:53.8, 1.1, 37.87N-27.33E, 0.03, h3km, n15km, n22, c055/32, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, GCAM G?zelcamli?, 0.18 205, i, Sg, 21 00 56.9 -0.4

ISCJJB 15 21:07:04.7, 1.2, 51.44N-0.05, 16.10E, 0.05, h0km, Error ellipse: s-maj=7.5km s-min=4.0km az=25.0

CSEM 15 21:07:05.2, 0.9, 51.46N-16.16E, h1km, ML2.7/4, Error ellipse: s-maj=13.1km s-min=7.2km az=6.0

PRU 15 21:07:06.3, 1.5, 44N-16.16E, h0km

ISC 15 21:07:05.9, 1.6, 51.45N-0.07, 16.15E, 0.05, h0km, n21, c045/37, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, KSP Ksiaz, 0.62 172, ePg, Pg, 21 07 19.9 +0.2

CSEM 15 21:05:19.6, 6.37, 94N-27.45E, h4km, MD2.4, After ISC

ISC 15 21:05:19.6, 37.94N-27.45E, h4km, MD2.4, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, AYDB Zeytinkoy-Aydi, 0.35 88, ePg, Pg, 21 05 26.9 +0.4

CSEM 15 21:05:45.2, 0.2, 45.62N-10.65E, h10km, ML2.3/5, Error ellipse: s-maj=3.2km s-min=2.2km az=12.0

VIE 15 21:05:46.5, 0.3, 45.69N-10.69E, h10km, 1km, mb1.6/3, m2.1/6, Error ellipse: s-maj=2.3km s-min=1.3km az=38.0

ROM 15 21:05:45.2, 0.3, 45.62N-10.66E, h6km, MD2.18, M1.6, 6C-4D, Error ellipse: s-maj=3.7km s-min=2.4km az=172.0, Northern Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, SALO Salir, 0.09 271, Pg, Pg, 21 05 47.6 +0.3

ISC 15 21:07:32.6, 3.7, 06N-29.08E, h9km, MD2.7

ISCJJB 15 21:07:33.0, 0.6, 37.04N-0.04, 29.08E, 0.05, h7km, Error ellipse: s-maj=6.8km s-min=4.7km az=138.0

CSEM 15 21:07:33.0, 0.2, 37.05N-29.10E, h12km, MD2.7, Error ellipse: s-maj=5.1km s-min=4.3km az=141.0

ISC 15 21:07:32.9, 0.9, 37.07N-0.03, 29.09E, 0.03, h7km, n16, c029/22, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, GOLH Golhisar, 0.41 66, i, Sg, 21 07 41.1 +0.2

KRNET 15 21:15:52.4, 0.1, 39.48N-73.80E, mb2.5

NINC 15 21:15:56.1, 3.0, 39.80N-73.92E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=25.4km s-min=9.9km az=112.0

ISC 15 21:15:57.1, 2.3, 39.76N-0.06, 73.99E, 0.06, h9km, n16km, n10, c1950/21, 14C-5D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ARSB Arslanbob, 1.74 334f, eP, Pb, 21 16 27.9 -1.5

ISCJJB 15 21:26:33.7, 0.6, 6.98N-0.06, 73.04W, 0.07, h166km, mb3.4/2, Error ellipse: s-maj=11.4km s-min=6.1km az=42.3

FUNUV 15 21:26:34.6, 6.6, 6.92N-73.09W, h180km, MW3.5

ISC 15 21:26:41.6, 6.6, 4.5, 0.6N-76.40W, h151km, 77km, mb3.2/2, mb1.3/7.3, 1/24, mbmt3.7/3, MS2.6/1, Ms1.2/6.1, ms1mx2.2/16, Error ellipse: s-maj=129.9km s-min=30.3km az=53.0

ISC 15 21:26:35.0, 1.0, 6.98N-0.07, 73.01W, 0.08, h166km, n22, c1936/26, 6D, Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, CAPV Capacho, 1.12 38f, eP, Sg, 21 27 03.5 +0.9

DSN 15 21:33:40.0, 1.5, 27.85N-55.65E, h11km, mb3.0/6, ML3.7/5, Error ellipse: s-maj=29.7km s-min=9.0km az=58.0

ISCJJB 15 21:33:43.8, 0.8, 27.56N-0.06, 55.33E, 0.06, h15km, Error ellipse: s-maj=10.8km s-min=6.0km az=38.5

CSEM 15 21:33:43.8, 0.3, 27.52N-55.39E, h5km, ML3.7, Error ellipse: s-maj=8.9km s-min=6.9km az=47.0

ISC 15 21:33:42.5, 1.1, 27.67N-0.07, 55.46E, 0.06, h15km, n13, c055/16, 2C-2D, Southern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, BNDS Bandar-Abbas, 0.68 113, eP, Sg, 21 33 58.3 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHUT Suhut-Afyon, SUTC Sutuce-Ispart, BUCK Bucak, etc.

IDC 15 23:26:37.9.1,8.345,115.95E,h0km,mb3.7/4, mb1 4.0/6,mb1mx3.7/38,mbtmp3.8/6,ML3.7/2,MS3.2/1, Ms1 3.4/1,ms1mx2.5/42,Error ellipse: s-maj=55.1km s-min=21.2km az=56.0

DJA 15 23:26:41.8.0.3,8.54x11.6E, h10km,M4.3/11, MLV4.3/11

ISC 15 23:26:40.5.1.4,8.21S,0.505x116.12E,0.03,h11km,1.1km, n22,-0.99/26,mb3.9/4,Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRBI Sangaraja, TWSI Taliwang, DNP Denpasar, etc.

ISCJB 15 23:29:26.8.0.4, 11.73N,0.06:43.78E,0.06,h4km, mb4-4/20,MS3.6/1,Error ellipse: s-maj=10.3km s-min=6.9km az=42.3

IDC 15 23:29:28.4.0.8, 11.78N,43.68E,h0km,mb4.0/11, mb1 4.1/12,mb1mx3.9/42,mbtmp4.0/12,ML2.9/1,MS3.7/1, Ms1 3.7/1,ms1mx3.0/36,Error ellipse: s-maj=22.1km s-min=14.3km az=146.0

NEIC 15 23:29:29.8.0.6, 11.77N,43.83E,h10km,mb4.6/8,Error ellipse: s-maj=16.0km s-min=10.1km az=126.0

CSEM 15 23:29:29.8, 11.77N,43.83E,h10km,mb4.6/8,After NEIC ISC 15 23:29:28.5.0.5,11.76N,0.07:43.77E,0.07,h4km,n58, r140/53,mb4.2/20, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, RAYN Ar Rayn, KEMBO Kilima Mbogo, UOSS Wadi Hilu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES GERESS Array B, CLL Collin, MK32 Makanchi Array, etc.

DDA 15 23:35:18.5,37.85N-27.37E,h7km,Md2.6 ISK 15 23:35:18.9,37.89N-27.43E,h5km,MD2.7

ISCJB 15 23:35:19.1,0.6,37.85N,0.04:27.38E,0.04,h10km,Error ellipse: s-maj=5.8km s-min=4.5km az=153.5

CSEM 15 23:35:19.3,0.3,37.87N-27.39E,h0km,2km,MD2.7,Error ellipse: s-maj=7.5km s-min=5.4km az=126.0

ISC 15 23:35:18.5.0.9,37.85N,0.04:27.39E,0.03,h10km,n20, -0.65/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcami?, AYDB Zeytincoy-Aydi, etc.

BUI 15 23:35:25.3, 12.12N,43.31E,h14km,mb4.6/24,mb5.1/15, Ms4.8/10,Ms7.4/5/10

ISCJB 15 23:35:27.1,0.3, 11.93N,0.04:44.04E,0.04,h4km, mb4.4/64,MS4.1/30,Error ellipse: s-maj=6.7km s-min=4.5km az=148.0

IDC 15 23:35:27.4.0.8, 11.93N,44.00E,h0km,mb4.2/17, MS1 4.3/18,mb1mx4.1/43,mbtmp4.2/18,ML3.3/1,MS4.1/28, Ms1 4.1/28,ms1mx4.0/36,Error ellipse: s-maj=18.9km s-min=13.5km az=171.0

CSEM 15 23:35:28.7.0.3, 11.95N,44.08E,h2km,mb4.6/39,Error ellipse: s-maj=9.8km s-min=7.7km az=167.0

MOS 15 23:35:28.1,1.1, 11.95N,43.99E,h10km,mb4.8/31, MS4.2/5,Error ellipse: s-maj=11.7km s-min=5.2km az=96.4

NEIC 15 23:35:29.2.0.4, 11.89N,43.99E,h10km,mb4.7/20,Error ellipse: s-maj=9.1km s-min=7.1km az=176.0

ISC 15 23:35:28.6.0.5, 11.95N,0.06:43.95E,0.06,h4km,n252, r152/249,mb4.5/64,MS4.0/30,37C-12D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, RAYN Ar Rayn, KEMBO Kilima Mbogo, UOSS Wadi Hilu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR, AKH Akhalkalaki, ANTO Ankara, ANTO Ankara, ANTO Ankara, etc.

DDA 16:01:34:59.8,37.87N,27.31E,h7km,Md2.6
ISK 16:01:34:59.7,37.89N,27.31E,h10km,Md2.7
ISC 16:01:34:59.8,1.0,37.875N,0.04,27.32E,0.03,h13km,9km,

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

BUJ 16:01:39:39.1,2.04S,139.190E,h8km,mb5.5/81,MB5.7/63,
Ms5.4/85,Ms7.5/178

IDC 16:01:39:40.9,0.3,1.97S,139.07E,h0km,mb5.3/37,
mb1.5/342,mb1mx5.3/45,mbtmp5.3/42,ML4.5/3,MS5.2/17,
Ms1.5/217,ms1mx5.0/30,Error ellipse: s-maj=11.4km
s-min=8.9km az=83.0

ISCJB 16:01:39:41.3,0.6,2.00S,0.02,139.01E,0.02,h13km,3km,
mb5.7/237,MS5.5/326,Error ellipse: s-maj=3.3km
s-min=3.0km az=13.8

GCMT 16:01:39:42.8,0.1,1.85S,139.18E,h12km,MW5.8/131,
Moment Tensor Solution. s114,c230, s131,c356,
Duration: 19.9 Moment tensor: Scale: 10^17Nm;
M2.95; 03: Mw=2.11; 03: Mw=0.84; 03: Mw=3.4; 03: Mw=3.8;
Mw=1.43; 02: Mw=3.29; 08: Best double couple:
M5.56400x10^17 NP1=313.00000, delta.00000,
lambda.00000. NP2=113.00000, delta.00000, lambda.00000.
Principal axes: T 5.5630, Plg61.0000, Azm21.0000; N
-0.010, Plg5.0000, Azm131.0000; P -5.5650,
Plg29.0000, Azm38.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s.

NEIC 16:01:39:42.8,0.1,1.99S,139.02E,h13km,mb5.8/101,
Mc5.8,MS5.6/296,MW5.9 Error ellipse: s-maj=3.5km
s-min=3.3km az=57.0 Moment Tensor Solution. s336
Moment tensor: Scale: 10^17Nm;
Mw=3.83; Mw=3.78; Mw=2.20; Mw=4.43; Best double
couple: M6.76000x10^17 NP1=163.00000, delta.00000,
lambda.00000. NP2=322.00000, delta.00000, lambda.00000.
Principal axes: T 7.4800, Plg64.0000, Azm221.0000; N
0.1800, Plg7.0000, Azm325.0000; P -7.6600,
Plg25.0000, Azm58.0000; Broadband flat plane
solution: P waves. NP1=167.00000, delta.00000,
lambda.00000. NP2=320.00000, delta.00000, lambda.00000.
Principal axes: T Plg55.0000, Azm224.0000; N
Plg0.0000, Azm0.0000; P Plg35.0000, Azm4.0000;
Depth from synthetic of broadband displacement
seismograms. Energy computed from BB mechanism.

NEIC Felt [V] at Sarmi

AUST 16:01:39:42.4,2.7,2.10S,139.02E,h6km,1.7km Error
ellipse: s-maj=7.7km s-min=4.8km az=31.0

DJA 16:01:39:43.7,0.3,2.54S,13.9E,h10km,M6.0/88,
mb6.0/88,mb6.3/75,MLv6.1/5,Mw(MB)6.0/75,Mwp6.2/5

MOS 16:01:39:45.2,1.2,1.94S,138.85E,h35km,mb6.0/57,
MS5.5/57,Error ellipse: s-maj=8.9km s-min=4.9km
az=109.7

ISC 16:01:39:43.9,0.2,2.02S,0.03,139.00E,0.03,h25km,3km,
h12km,mb5.9/131,Ms5.4/131,MS5.5/326,

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

Main table with columns: BUTP, MRSI, CTBH, APST, MMRI, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, OCLP, ANAZ, KAPI, KAPI, KAPI, KAPI, SARIN, BASI, GUMI, FITZ, FITZ, FITZ, FITZ, FITZ, MYLMD, TSM, ASAR, ASAR, ASAR, HNR, BKBJ, KBKI, TWSI, SDKM, KDM, KKM, KKM, KKM, BBJ, SRP, DNPI, IGBI, QLP, WRKA, ABJI, KMMI, BLJI, EIDS, EIDS, EIDS, EQM, RWJ, BWJI, MBWA, SBUM, SBUM, SBUM, PBKI, TBKI, STJI, NGJI, UWJI, PCJI, WOJI, SMRI, SMRI, KSM, KSM, KSM, UGM, UGM, CBUJ, CBUJ, CMAA. Lists various seismic stations and their parameters.

Table with columns: JOW, JOW, YOJ, YOJ, YOJ, YULB, YULB, ARMA, ARMA, BBOO, BBOO, BBOO, TPUB, TPUB, CMJI, CMJI, NACB, NACB, SSLB, SSLB, SSLB, TPI, TPI, MEEK, MEEK, CISI, CISI, YHNB, YHNB, YHNB, GIRL, GIRL, LEM, LEM, LEM, LEM, TATO, TATO, CNJI, CNJI, CBJI, CBJI, SKJI, SKJI, PPBI, PPBI, MGCD, MGCD, DZM, DZM, DZM, DZM, DZM, QZH, QZH, QZH, QZH, KMBL, KMBL, CGJI, CGJI, H1S3, H1S3, H1S2, H1S1, TARA, TARA, PMBI, PMBI, HKC, HKC, CAN, CAN, CAN, CAN, WAKE, WAKE, CNB, CNB, TPRI, TPRI, KASI, KASI, MORW, MORW, ARPS, ARPS, MDSI, MDSI, H1N1, H1N1, H1N2, H1N3, LHI, LHI, LWLI, LWLI, GZH, GZH, GZH, GZH, JMBI, JMBI, MYKOM, MYKOM, BTDF, BTDF, BLDU, BLDU, LHSI, LHSI, QIZ, QIZ, QIZ. Lists various seismic stations and their parameters.

Table with columns: QIZ, comp, Z, SNR, and other metrics. Rows include stations like QIZ, KLBRR, JNU, MAI, etc.

Table with columns: TRTT, station name, comp, Z, SNR, and other metrics. Rows include stations like NONG, KSAR, KRSR, etc.

Table with columns: CHTO, station name, comp, Z, SNR, and other metrics. Rows include stations like Chiang Mai, CMAI, MSHR, etc.

16d 1h

2010 NOV

ANMO Albuquerque	111.16	53	ePKiK	PKiK	01 58 18.4 +1.6	BRG	comp=Z,12nm,1.2s	MLR	MLR	WET	baz=114	Wetzell	114.41	324	ePKPdf	PKPdf	01 58 23.5 +1.1		
ANMO				LR		BRG	comp=N,649nm,16.3s	MLR	MLR	MOX	baz=60,slow=1.9	MOX	114.41	326	ePKPdf	PKPdf	01 58 23.3 +0.9		
BNN	111.20	54	ePKiK	PKiK	01 58 18.6 +1.6	BRG	comp=E,817nm,19.5s	MLR	MLR	MOX	baz=60,slow=1.9	L			eL	L	02 51 23.6		
Q24A	111.20	49	P	PKiK	01 58 17.3 +0.3	BRG	comp=Z,1um,17.4s	MLR	MLR	J31A	comp=Z,2um,19.5s	Geddes	114.42	43	P	PKPdf	01 58 22.9 +0.3		
H26A	111.23	42	P	PKiK	01 58 17.1 +0.6	BRG	Bergjesshubel	113.00	326	ePKPdf	PKiK	baz=114	Webster	114.48	40	P	PKPdf	01 58 22.6 0.0	
SDCO	111.25	50	P	PKiK	01 58 17.1 +0.1	PRU	baz=60,slow=1.9	PKiK	MLR	PRU	baz=114	Clausal	114.49	328	ePKPdf	PKPdf	01 58 23.4 +1.0		
SDCO	111.25	50	ePKiK	PKiK	01 58 18.5 +1.4	PRU	comp=Z,1um,17.7s	PKiK	AMS	PRU	baz=114	Rotz	114.50	325	ePKPdf	PKPdf	01 58 23.6 +1.0		
SDCO			LR	LR		PRU	Pruhonic	113.06	325	ePKP	AMS	Trail	114.51	37	P	PKPdf	01 58 22.0 -0.5		
A28A	111.30	37	P	PKiK	01 58 16.8 +0.3	KSCO	comp=Z,1um,17.7s	MLR	LR	KSCO	comp=Z,2um,19.0s	NW Ranch, Wils	114.59	46	P	PKPdf	01 58 23.6 +0.6		
F27A	111.31	41	P	PKiK	01 58 16.9 +0.4	E30A	Jud	113.08	40	P	PKiK	baz=113	Ulysses	114.62	49	P	PKPdf	01 58 23.7 +0.5	
I26A	111.36	43	P	PKiK	01 58 17.1 +0.3	B31A	Greenbush Farm	113.08	37	P	PKiK	baz=113	Hugoton	114.63	50	P	PKPdf	01 58 23.9 +0.7	
MORC	111.39	324	ePKiK	PKiK	01 58 16.3 -0.3	PRA	baz=113	113.09	325	AMS	AMS	02 48 40.0	K31A	O'Neill	114.66	43	P	PKPdf	01 58 23.2 +0.1
MORC			MLR	MLR		I29A	Vivian Onida	113.10	42	P	PKiK	baz=113	P30A	Selden	114.67	47	P	PKPdf	01 58 23.5 +0.3
MORC	111.39	324	ePKiK	PKiK	01 58 16.3 -0.3	IGT	baz=113	113.10	325	AMS	AMS	02 48 40.0	TXAR	Lajitas Arroyo	114.69	59	PKP	PKPdf	01 58 24.5 +0.9
MORC			LR	LR		A31A	Linda, St. Vin	113.14	37	P	PKiK	baz=113	TXAR	AnnSam, Wauburn	14.73	38	P	PKPdf	01 58 22.8 -0.2
E27A	111.41	40	P	PKiK	01 58 17.1 +0.4	CONA	Conrad Observer	113.16	322	PKiK	PKiK	01 58 18.7 -1.4	D33A	AmSam, Wauburn	14.73	38	P	PKPdf	01 58 22.8 -0.2
B28A	111.42	38	P	PKiK	01 58 17.0 +0.4	M28A	Bar X Bar Ranch	113.25	45	P	PKiK	01 58 20.4 -0.1	L31A	Butterfield Fa	114.76	44	P	PKPdf	01 58 23.3 0.0
J26A	111.44	44	P	PKiK	01 58 17.1 +0.1	F30A	Leola	113.27	40	P	PKiK	01 58 20.4 +0.1	H32A	Carlson Farm,	114.82	41	P	PKPdf	01 58 23.1 -0.2
COP	111.47	331	i	PP	01 58 59.6 +2.6	C31A	Landman Farms,	113.30	38	P	PKiK	01 58 19.8 -0.4	B34A	Aery, Baudette	114.85	36	P	PKPdf	01 58 23.3 +0.1
G27A	111.53	41	P	PKiK	01 58 17.0 0.0	J29A	baz=113,SNR=15	113.30	43	P	PKiK	01 58 20.1 -0.3	GTTG	Gvtlingen	114.86	328	ePKPdf	PKPdf	01 58 24.4 +1.2
RGN	111.59	329	PFAKE	LR	01 58 30.0	CLL	Collim	113.32	326	e	PKiK	01 58 20.5 +0.4	Q30A	Quinter	114.87	48	P	PKPdf	01 58 23.9 +0.3
RGN			LR	LR		CLL	comp=Z,8.0nm,1.0s	MLR	MLR	E33A	Westby DABS, E	114.91	39	P	PKPdf	01 58 23.6 +0.1			
SKO	111.60	315	ePKP	PKiK	01 58 17.5 +0.3	CLL	comp=Z,2um,19.0s	MLR	MLR	128A	Castleberry Fa	114.92	55	P	PKPdf	01 58 24.3 +0.3			
C28A	111.68	39	P	PKiK	01 58 17.5 +0.3	CLL	Collim	113.32	326	ePKPdf	PKiK	01 58 21.1 +0.9	228A	UT Block 9, Go	114.96	55	P	PKPdf	01 58 24.3 +0.3
H27A	111.69	42	P	PKiK	01 58 17.2 -0.2	CLL	comp=Z,8.0nm,1.0s	MLR	MLR	M31A	Lambicht Ranc	114.97	45	P	PKPdf	01 58 23.6 -0.2			
KRLC	111.72	324	ePKiK	PKiK	01 58 18.2 +1.0	CLL	comp=Z,2um,19.0s	MLR	MLR	AMTX	Amarillo	114.98	52	P	PKPdf	01 58 24.7 +0.7			
KRLC	111.72	324	ePKiK	PKiK	01 58 18.2 +1.0	CLL	Collim	113.32	326	ePKPdf	PKiK	01 58 20.5 +0.4	AMTX	Amarillo	114.98	52	ePKiK	PKiK	01 58 25.1 +1.1
KRLC	111.77	39	P	PKiK	01 58 17.3 -0.1	CLL	comp=Z,8.0nm,1.0s	MLR	MLR	AMTX	Amarillo	114.98	52	ePKiK	PKiK	01 58 25.1 +1.1			
D28A	111.77	39	P	PKiK	01 58 17.3 -0.1	CLL	Collim	113.32	326	ePKPdf	PKiK	01 58 20.5 +0.4	AMTX	Amarillo	114.98	52	ePKiK	PKiK	01 58 25.1 +1.1
AGG	111.80	311	ePKiK	PKiK	01 58 16.1 -1.6	CLL	comp=Z,2um,19.0s	MLR	MLR	I32A	Karley and Nic	114.99	42	P	PKPdf	01 58 24.0 +0.3			
AGG	111.80	311	ePKiK	PKiK	01 58 16.1 -1.6	CLL	Collim	113.32	326	ePKPdf	PKiK	01 58 21.1 +0.9	F33A	5 Mile Ranch,	115.01	39	P	PKPdf	01 58 23.3 -0.3
DPC	111.87	324	ePKiK	PKiK	01 58 18.6 +1.1	CLL	Collim	113.32	326	ePKPdf	PKiK	01 58 20.5 +0.4	R30A	Dighton	115.05	48	P	PKPdf	01 58 24.2 +0.2
DPC			MLR	MLR		CLL	comp=N,1um,18.6s	Lm	MLR	02 50 00.0	C34A	RKJ Ranch, Bem	115.08	37	P	PKPdf	01 58 23.7 +0.1		
DPC	111.87	324	ePKiK	PKiK	01 58 18.6 +1.1	CLL	comp=E,900nm,18.8s	Lm	MLR	02 50 00.0	GRF	Grabenberg Arr	115.10	325	ePKPdf	PKPdf	01 58 24.6 +1.0		
DPC			AMS	AMS		CLL	comp=Z,2um,19.0s	Lm	MLR	02 50 00.0	GRF	Grabenberg	115.10	325	PFAKE	LR	01 58 40.0 +1.6		
I27A	111.90	43	P	PKiK	01 58 17.5 -0.3	CLL	Collim	113.32	326	ePKiK	PKiK	01 58 20.6 +0.4	GRF	Grabenberg	115.10	325	eL	L	02 47 48.0
E28A	111.92	40	P	PKiK	01 58 17.7 0.0	CLL	comp=Z,2um,19.0s	MLR	MLR	GRFO	Grabenberg	115.10	325	PFAKE	LR	01 58 40.0 +1.6			
A29A	111.92	37	P	PKiK	01 58 17.6 0.0	CLL	Collim	113.32	326	ePKiK	PKiK	01 58 20.6 +0.4	D34A	Park Rapids	115.16	38	P	PKPdf	01 58 23.9 0.0
DIVS	111.93	317	i	PKiK	01 58 19.0 +1.1	CLL	comp=Z,2um,19.0s	MLR	MLR	K32A	Verdigre	115.18	43	P	PKPdf	01 58 23.7 -0.3			
DIVS	111.93	317	i	PKiK	01 58 18.6 +0.7	ULM	Lac du Bonnet	113.33	35	PKiK	PKiK	01 58 19.4 -0.8	G33A	Ortonville	115.19	40	P	PKPdf	01 58 23.8 -0.1
MAKR	111.95	311	P	PKiK	01 58 18.3 +0.3	ULM	comp=Z,5.4nm,0.9s,ba	337,slow=4.0,SNR=7.2	PKiK	PKiK	01 58 19.4 -0.8	H33A	Prehn Over Nor	115.20	41	P	PKPdf	01 58 23.9 -0.2	
UPC	111.98	325	ePKiK	PKiK	01 58 18.6 +0.9	ULM	Lac du Bonnet	113.33	35	PKiK	PKiK	01 58 19.4 -0.8	T30A	Plains	115.24	50	P	PKPdf	01 58 25.0 +0.6
UPC			MLR	MLR		ULM	comp=Z,2um,21.0s	PKiK	PKiK	01 58 19.4 -0.8	Y29A	Portfield Fa	115.26	53	P	PKPdf	01 58 24.8 +0.2		
UPC	111.98	325	ePKP	PKiK	01 58 18.6 +0.9	ULM	Lac du Bonnet	113.33	35	PKiK	PKiK	01 58 19.4 -0.8	CBKS	Cedar Bluff	115.28	48	ePKiK	PKiK	01 58 24.4 0.0
UPC			AMS	AMS		ULM	comp=Z,2um,21.0s	PKiK	PKiK	01 58 19.4 -0.8	CBKS	Cedar Bluff	115.28	48	ePKiK	PKiK	01 58 24.4 0.0		
FNA	112.00	313	P	PKiK	01 58 17.6 -0.5	N28A	comp=Z,2um,21.0s	PKiK	PKiK	01 58 20.6 -0.1	CBKS	Cedar Bluff	115.28	48	ePKiK	PKiK	01 58 24.5 +0.1		
B29A	112.03	38	P	PKiK	01 58 17.8 0.0	O28A	Pribbeno Ranch	113.36	46	P	PKiK	01 58 20.6 -0.1	CBKS	Cedar Bluff	115.28	48	ePKiK	PKiK	01 58 24.5 +0.1
PKSM	112.08	320	i	PKiK	01 58 18.0 0.0	BSEG	baz=113	113.42	330	ePKPdf	PKiK	01 58 21.5 +1.2	CBKS	Cedar Bluff	115.28	48	ePKiK	PKiK	01 58 24.5 +0.1
GUR	112.08	310	P	PKiK	01 58 18.4 0.0	G30A	Bad Segeberg	113.46	41	P	PKiK	01 58 20.4 -0.3	U30A	WK&E Inc. Balk	115.31	50	P	PKPdf	01 58 24.9 +0.3
F28A	112.11	41	P	PKiK	01 58 17.9 -0.2	K29A	Faulkton	113.46	41	P	PKiK	01 58 20.4 -0.3	P31A	Stockton	115.31	47	P	PKPdf	01 58 24.6 +0.2
MDND	112.12	38	PFAKE	LR	01 58 30.0	K29A	Lazy Trails Arr	113.53	44	P	PKiK	01 58 20.6 -0.4	Z29A	Hungry Hill Ra	115.39	54	P	PKPdf	01 58 24.9 +0.1
MDND			LR	LR		P28A	baz=113	113.55	47	P	PKiK	01 58 21.1 0.0	L32A	Elgin	115.40	44	P	PKPdf	01 58 24.4 -0.1
J27A	112.20	44	P	PKiK	01 58 18.8 +0.3	A32A	Saint Francis	113.55	47	P	PKiK	01 58 21.1 0.0	MATE	baz=115	115.40	315	i	PKPdf	01 58 25.2 +0.7
KLV	112.20	310	P	PKiK	01 58 18.7 +0.2	BLY	Rocking H Ranch	113.56	36	P	PKiK	01 58 21.0 +0.3	I33A	Coleman	115.42	41	P	PKPdf	01 58 24.8 +0.3
EVR	112.22	311	P	PKiK	01 58 18.6 0.0	D31A	Banja Luka	113.58	319	i	PKiK	01 58 22.0 +1.1	129A	Stewart Farms,	115.43	55	P	PKPdf	01 58 24.6 -0.3
T25A	112.24	51	P	PKiK	01 58 19.1 +0.3	D31A	Mcclellin, Tow	113.61	39	P	PKiK	01 58 21.2 +0.3	E34A	Wadena	115.43	38	P	PKPdf	01 58 24.3 -0.1
T25A	112.24	51	ePKiK	PKiK	01 58 20.4 +1.6	Q28A	Sharon Springs	113.65	48	P	PKiK	01 58 21.9 +0.6	B35A	Bob, Littlefor	115.45	36	P	PKPdf	01 58 24.7 +0.3
G28A	112.31	42	P	PKiK	01 58 18.4 -0.2	E31A	Nome	113.71	39	P	PKiK	01 58 20.8 -0.3	Q31A	Elgin	115.47	47	P	PKPdf	01 58 24.9 +0.1
OHR	112.32	314	ePKP	PKiK	01 58 18.2 -0.4	M29A	Burnside Ranch	113.72	45	P	PKiK	01 58 20.9 -0.4	V30A	Spur Ranch, Mi	115.50	51	P	PKPdf	01 58 25.2 +0.3
H28A	112.39	42	P	PKiK	01 58 18.5 -0.2	F31A	baz=114	113.75	40	P	PKiK	01 58 20.7 -0.5	BGNE	Belgrade	115.52	44	P	PKPdf	

429A	baz=116,SNR=5.5	115.90	57	P	PKPdf	01 58 25.8	-0.1	J36A	comp=Z,1um,19.0s	117.35	41	P	PKPdf	01 58 27.7	-0.5	X35A	Drake	118.82	51	P	PKPdf	01 58 31.3	0.0
429A	Davenport Ranch	115.90	57	P	PKPdf	01 58 25.8	-0.1	J36A	Seneca 1, Swea	117.35	41	P	PKPdf	01 58 27.7	-0.5	X35A	Drake	118.82	51	P	PKPdf	01 58 31.3	0.0
U31A	Nine Bar Ranch	115.97	50	P	PKPdf	01 58 25.8	-0.1	V33A	Lossen Ranch,	117.35	50	P	PKPdf	01 58 28.6	+0.2	933A	Laredo	118.85	60	P	PKPdf	01 58 31.4	-0.1
WT7A	Wattenberg	116.02	323	PKIKP	PKIKP	01 58 25.8	-0.1	W33A	Caddo, Fort Co	117.42	51	P	PKPdf	01 58 28.9	+0.3	434A	Burnett	118.86	56	P	PKPdf	01 58 31.7	+0.2
WATA	Walderalm	116.02	323	PKIKP	PKIKP	01 58 25.8	+0.1	BFO	Black Forest	117.43	325	PKIKP	PKPdf	01 58 28.2	0.0	534A	Bianco	118.91	57	P	PKPdf	01 58 31.8	+0.2
I34A	Hadler	116.05	41	P	PKPdf	01 58 25.7	0.0	BFO	Black Forest	117.43	325	PKIKP	PKPdf	01 58 28.7	+0.5	Y35A	Marietta	118.92	57	P	PKPdf	01 58 31.7	+0.2
Q32A	Meitler Ranch,	116.09	47	P	PKPdf	01 58 26.2	+0.3	BFO	Black Forest	117.43	325	PKIKP	PKPdf	01 58 28.2	0.0	Z35A	Perchaven, S	118.94	53	P	PKPdf	01 58 31.4	-0.1
F35A	Swanville	116.09	39	P	PKPdf	01 58 25.7	0.0	BFO	Black Forest	117.43	325	PKIKP	PKPdf	01 58 28.2	0.0	R37A	Teagarden Farm	119.05	47	P	PKPdf	01 58 31.3	-0.4
M33A	Taylor Creek F	116.13	44	P	PKPdf	01 58 25.5	-0.4	232A	Coleman	117.44	55	P	PKPdf	01 58 28.9	+0.2	SENI	Lac Senin/Sane	119.05	324	PKIKP	PKPdf	01 58 31.6	0.0
V31A	Spring Creek L	116.16	51	P	PKPdf	01 58 26.7	+0.5	MEM	Membach	117.46	328	PKP	PKPdf	01 58 28.9	+0.7	135A	Vickery Place,	119.06	54	P	PKPdf	01 58 32.0	+0.2
R32A	Long Quarter,	116.17	48	P	PKPdf	01 58 26.4	+0.3	KSU1	Kansas State U	117.47	46	P	PKPdf	01 58 28.8	+0.3	U36A	Oologah	119.10	49	P	PKPdf	01 58 31.8	+0.1
130A	Snyder	116.17	55	P	PKPdf	01 58 26.3	0.0	KSU1	Kansas State U	117.47	46	PKIKP	PKPdf	01 58 29.2	+0.7	Q37A	Longview Farm,	119.11	46	P	PKPdf	01 58 30.9	-0.8
230A	Sterling City	116.23	55	P	PKPdf	01 58 26.4	0.0	N35A	Tabor	117.48	44	P	PKPdf	01 58 28.7	+0.2	V36A	Jenks	119.15	50	P	PKPdf	01 58 32.2	+0.3
S32A	Newby Ranch, P	116.24	49	P	PKPdf	01 58 26.4	+0.1	SPMN	St. Paul	117.48	39	P	PKPdf	01 58 28.2	-0.2	734A	La Parita Cree	119.15	58	P	PKPdf	01 58 32.5	+0.4
W31A	Holland Ranch,	116.26	51	P	PKPdf	01 58 26.6	+0.2	SPMN	St. Paul	117.48	39	PKIKP	PKPdf	01 58 28.4	0.0	W36A	Wetliana	119.16	50	P	PKPdf	01 58 32.3	+0.4
C36A	Pine Crest Far	116.26	36	P	PKPdf	01 58 26.4	+0.4	332A	Millersview	117.49	56	P	PKPdf	01 58 29.1	+0.2	634A	China Grove, S	119.19	57	P	PKPdf	01 58 32.4	+0.3
CUC	Castruccio	116.27	314	PKIKP	PKPdf	01 58 25.8	-0.5	O35A	Humboldt	117.53	45	P	PKPdf	01 58 28.8	+0.2	WHTX	Blue Whitney	119.19	54	P	PKPdf	01 58 32.3	+0.2
J34A	George	116.29	42	P	PKPdf	01 58 25.7	-0.5	K36A	Gilmore City	117.57	42	P	PKPdf	01 58 28.5	-0.1	WHTX	Lake Whitney	119.19	54	PKIKP	PKPdf	01 58 33.1	+1.1
MOTA	Moosalm	116.30	323	PKIKP	PKPdf	01 58 26.0	-0.3	X33A	Lawton	117.58	52	P	PKPdf	01 58 28.6	-0.3	TUL1	Tulsa	119.22	49	P	PKPdf	01 58 32.1	+0.1
330A	Mertzom	116.31	56	P	PKPdf	01 58 26.5	-0.1	432A	Menard	117.59	56	P	PKPdf	01 58 29.0	-0.1	TUL1	Tulsa	119.22	49	PKIKP	PKPdf	01 58 32.8	+0.8
BUG	Bochum-Univer	116.34	329	PKIKP	PKPdf	01 58 27.1	+1.2	S34A	Willow Spring	117.60	48	P	PKPdf	01 58 29.1	+0.3	TUL1	Tulsa	119.22	49	PKIKP	PKPdf	01 58 32.8	+0.8
D36A	Goodland	116.35	37	P	PKPdf	01 58 26.4	+0.3	Y33A	Hilltop Ranch,	117.65	52	P	PKPdf	01 58 29.2	+0.2	X36A	Centrahoma	119.25	51	P	PKPdf	01 58 32.4	+0.3
Y31A	Rekieta Farm,	116.36	53	P	PKPdf	01 58 26.8	+0.2	L36A	Harm Buss Farm	117.65	43	P	PKPdf	01 58 28.5	-0.3	S37A	Fort Scott	119.27	47	P	PKPdf	01 58 32.2	+0.1
TNS	Taunus Mts	116.37	327	PKIKP	PKPdf	01 58 27.2	+1.0	J37A	Lemond, Waseca	117.66	40	P	PKPdf	01 58 28.7	-0.1	COWI	Conover	119.29	36	PFAKE	LR	01 58 40.0	+8.1
X1A	McDonald Ranch	116.39	52	P	PKPdf	01 58 26.6	-0.1	ICT	Junction City	117.68	57	PKIKP	PKPdf	01 58 30.1	+0.9	834A	Tilden	119.34	59	P	PKPdf	01 58 32.7	+0.3
O33A	Hebron	116.41	46	P	PKPdf	01 58 26.3	-0.2	JCT	Junction City	117.68	57	P	PKPdf	01 58 29.3	0.0	335A	Moodys	119.42	55	P	PKPdf	01 58 32.9	+0.3
430A	Baggett Ranch,	116.41	57	P	PKPdf	01 58 27.1	+0.3	JCT	Junction City	117.68	57	PKIKP	PKPdf	01 58 30.1	+0.9	435B	Jarrell	119.44	56	P	PKPdf	01 58 33.0	+0.5
G32A	Huddler Ranch,	116.42	49	P	PKPdf	01 58 26.7	+0.1	JCT	Junction City	117.68	57	PKIKP	PKPdf	01 58 29.2	-0.1	T37A	Cheneyville 18	119.44	48	P	PKPdf	01 58 32.5	+0.1
T35A	Watkins	116.43	39	P	PKPdf	01 58 26.5	0.0	532A	Rocksprings	117.69	57	P	PKPdf	01 58 29.3	+0.4	034A	Hebbrownville	119.49	60	P	PKPdf	01 58 33.8	+1.0
H35A	Sunnyside Ranc	116.44	40	P	PKPdf	01 58 26.5	+0.1	H37A	Dierke Farm, C	117.71	39	P	PKPdf	01 58 29.3	+0.4	934A	Benavides	119.50	59	P	PKPdf	01 58 33.7	+0.9
K34A	Le Mars	116.44	42	P	PKPdf	01 58 26.6	+0.1	U34A	Anderson Ranch	117.72	49	P	PKPdf	01 58 29.5	+0.3	Y36A	Durant	119.53	52	P	PKPdf	01 58 33.2	+0.5
530A	J-C Ranch, Com	116.48	57	P	PKPdf	01 58 27.1	+0.2	U34A	Anderson Ranch	117.72	49	PKIKP	PKPdf	01 58 30.0	+0.9	U37A	Salina	119.56	49	P	PKPdf	01 58 32.8	+0.2
P33A	Williams Farm,	116.56	46	P	PKPdf	01 58 26.7	-0.1	P35A	Duane Minner,	117.73	46	P	PKPdf	01 58 29.2	+0.2	Z36A	Blur Ridge	119.61	53	P	PKPdf	01 58 33.1	+0.3
M34A	Aspy Farms, Fr	116.58	44	P	PKPdf	01 58 26.1	-0.6	Z33A	Whitaker Ranch	117.75	53	P	PKPdf	01 58 29.5	+0.3	535A	Dale	119.66	56	P	PKPdf	01 58 33.7	+0.7
E36A	McGregor	116.60	38	P	PKPdf	01 58 26.4	-0.2	TUE	Stuetta	117.78	323	PKIKP	PKPdf	01 58 27.3	-1.9	635A	Leeville	119.67	57	P	PKPdf	01 58 33.9	+0.8
Q33A	Connelly Farm,	116.61	47	P	PKPdf	01 58 26.6	-0.3	T34A	McClaskey Farm	117.78	49	P	PKPdf	01 58 29.2	0.0	CWF	Charnwood Fore	119.69	333	PKIKP	PKPdf	01 58 32.2	-0.1
131A	Roby	116.62	54	P	PKPdf	01 58 27.4	+0.2	T34A	McClaskey Farm	117.78	49	P	PKPdf	01 58 29.2	0.0	V37A	Hulbert	119.73	49	P	PKPdf	01 58 33.2	+0.2
U32A	Winter Ranch,	116.62	50	P	PKPdf	01 58 27.4	+0.3	133A	Hamilton Ranch	117.83	54	P	PKPdf	01 58 29.3	+0.1	W37A	Quinton	119.77	50	P	PKPdf	01 58 33.5	+0.4
Z31A	Sharp Cattle R	116.64	54	P	PKPdf	01 58 27.3	+0.1	J37A	Redenius Farm,	117.87	41	P	PKPdf	01 58 29.6	+0.4	735A	Kennedy	119.78	58	P	PKPdf	01 58 33.9	+0.7
C37A	Embarrass	116.66	36	P	PKPdf	01 58 26.4	-0.4	WLF	Walferdange	117.92	327	PKIKP	PKPdf	01 58 30.5	+1.5	136A	Ennis	119.79	53	P	PKPdf	01 58 33.8	+0.6
FETA	Feichten	116.68	323	PKIKP	PKIKP	01 58 27.3	+0.3	WLF	Walferdange	117.92	327	PFAKE	LR	01 58 40.0	+1.1	336A	Riesel	119.87	55	P	PKPdf	01 58 33.7	+0.4
I35A	Creekview Farm	116.70	41	P	PKPdf	01 58 26.4	-0.6	W34A	Bridge Creek,	117.93	51	P	PKPdf	01 58 30.0	+0.4	835A	Beeville	119.92	58	P	PKPdf	01 58 34.7	+1.2
STU	Stuttgart	116.71	325	PKIKP	PKPdf	01 58 27.7	+0.9	W34A	Bridge Creek,	117.93	51	PKIKP	PKPdf	01 58 29.9	+0.4	236A	Katherine and	119.94	54	P	PKPdf	01 58 34.2	+0.7
STU	Stuttgart	116.71	325	PFAKE	LR	01 58 40.0	+1.3	W34A	Bridge Creek,	117.93	51	PKIKP	PKPdf	01 58 29.9	+0.4	X37A	Clayton	120.01	51	P	PKPdf	01 58 33.3	-0.2
F36A	Milaca	116.74	38	P	PKPdf	01 58 26.9	0.0	V34A	Guthrie	117.93	50	P	PKPdf	01 58 29.6	+0.1	Y37A	Hugo	120.02	51	P	PKPdf	01 58 33.7	+0.2
R33A	Olander Ranch,	116.74	48	P	PKPdf	01 58 27.3	+0.1	V34A	Guthrie	117.93	50	PKIKP	PKPdf	01 58 29.1	-0.4	035A	Encino	120.02	60	P	PKPdf	01 58 34.4	+0.6
J35A	Milford	116.76	41	P	PKPdf	01 58 26.5	-0.6	632A	Uvalde	117.95	58	P	PKPdf	01 58 30.4	+0.7	536A	Bastrop	120.07	56	P	PKPdf	01 58 34.6	+0.8
V32A	Arapaho	116.79	51	P	PKPdf	01 58 27.3	-0.1	Q35A	Mercer Eighty,	117.97	46	P	PKPdf	01 58 29.3	-0.2	U38A	Greavette	120.09	48	P	PKPdf	01 58 33.7	+0.1
D37A	Cotton	116.80	37	P	PKPdf	01 58 27.4	+0.4	732A	Laxson Ranch,	117.98	58	P	PKPdf	01 58 30.3	+0.4	436A	Wall Ranch, G	120.09	55	P	PKPdf	01 58 34.8	+1.0
W32A	Sentinel	116.82	51	P	PKPdf	01 58 27.1	-0.3	R35A	Rising Star	118.01	55	P	PKPdf	01 58 30.0	+0.2	BNI	Bardonecchia	120.11	323	PKIKP	PKPdf	01 58 33.7	+0.1
231A	Gronte	116.88	55	P	PKPdf	01 58 27.9	+0.2	K37A	Belmond	118.05	42	P	PKPdf	01 58 30.2	+0.6	BNI	Bardonecchia	120.11	323	PKIKP	PKPdf	01 58 33.7	+0.1

16d 1h

Table with columns: Call Sign, Frequency, Mode, Power, Status, and other technical details for various stations.

2010 NOV

Table with columns: Call Sign, Frequency, Mode, Power, Status, and other technical details for various stations.

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Table with columns: Call Sign, Frequency, Mode, Power, Status, and other technical details for various stations.

DDA 16:01:40.44.3, 37.86N-27.33E, h14km, Md2.8
ISK 16:01:40.44.3, 37.87N-27.38E, h5km, MD2.9
CSEM 16:01:40.44.3, 37.86N-27.35E, h2km, MD2.8, Error ellipse: s-maj=3.9km s-min=3.0km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for various stations.

CSEM 16:01:41.16.6, 43.05N-13.33E, h23km, MD1.6/5, After ROM
ROM 16:01:41.16.6, 43.05N-13.33E, h23km, MD1.6/5, MHI 0/3, Error ellipse: s-maj=2.6km s-min=2.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for various stations.

MAN 16:01:43.30, 8.30N-125.14E, h32km, mb4.4, ML3.3, MS3.1

DDA 16:01:51:55.5, 37.42N, 34.48E, h7km, Md2.9
ISK 16:01:51:55.7, 37.43N, 34.53E, h2km, MD2.8
CSEM 16:01:51:56.3, 0.1, 37.40N, 34.49E, h2km, MD2.9, Error
ellipse: s-maj=3.2km s-min=2.3km az=37.0
ISC 16:01:51:56.2, 1.1, 37.40N, 0.03, 34.47E, 0.03, h6km, 12km,
n37, r0950/46, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KERG, GULE, KARA, etc.

SJA 16:02:03:43.4, 0.3, 24.10S, 66.81W, h232km, 12km, ML3.7,
MW3.0

ISCJB 16:02:03:45.1, 0.9, 24.16S, 0.07, 67.00W, 0.1, h181km, Error
ellipse: s-maj=15.9km s-min=4.6km az=143.3

GUC 16:02:03:47.4, 0.3, 23.80S, 67.35W, h230km, ML4.5

ISC 16:02:03:44.0, 1.3, 24.13S, 0.08, 66.99W, 0.1, h181km, n12,
r2517/2, 4C, Sait, Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like PB06, AHML, PB10, etc.

BJI 16:02:05:17.9, 12.20N, 43.53E, h11km, mb4.7/32, mb5.3/19,
Ms4.9/8, Ms7.4/7.8

ISCJB 16:02:05:18.4, 0.3, 12.01N, 0.04, 43.98E, 0.03, h4km,
mb4.6/73, MS4.6/6, Error ellipse: s-maj=5.1km
s-min=4.3km az=164.8

CSEM 16:02:05:19.9, 0.1, 12.01N, 43.97E, h2km, mb4.7/38, Error
ellipse: s-maj=5.8km s-min=5.1km az=100.0

MOS 16:02:05:19.4, 0.9, 12.00N, 44.00E, h12km, mb5.0/33,
MS4.3/5, Error ellipse: s-maj=9.4km s-min=4.6km az=97.1

IDC 16:02:05:19.2, 0.6, 12.00N, 43.98E, h0km, mb4.4/23,
mb1.4/26, mb1mx3.4, mb0tmp4.2/6, ML3.4/3, MS5.3/1,
Ms1.5/3.1, ms1mx3.6/38, Error ellipse: s-maj=15.1km
s-min=12.2km az=141.0

NEIC 16:02:05:21.0, 0.3, 12.00N, 43.96E, h10km, mb4.8/23, Error
ellipse: s-maj=6.0km s-min=4.9km az=113.0

ISC 16:02:05:20.2, 0.4, 11.96N, 0.05, 43.93E, 0.05, h4km, n300,
r1513/303, mb4.677, MS4.6/6, 161C-19D, Ethiopia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ATD, DAMY, FURI, etc.

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like EIL, MSEA, MSEA, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like VRH, VRH, VSR, etc.

Table with columns: STA, Name, Az, El, P, Pmax, Res, and various other parameters. Includes stations like MORC, MOA, TAPN, TREC, etc.

Table with columns: STA, Name, Az, El, P, Pmax, Res, and various other parameters. Includes stations like KMI, CD2, LZH, GYA, MDSI, etc.

Table with columns: STA, Name, Az, El, P, Pmax, Res, and various other parameters. Includes stations like MMAI, CSS, GNI, GNI, GNI, etc.

Code Station Name Az El Phase ID Time Res
ATD Arta Tunnel 1.14 246 Pn P 02 07 16.4 -1.6

ISC 16 02:06:53.7±0.6, 11.94N:43.96E, h10km, mb4.3/31, mb1.4/4.3, mb1mx4.3/5.3, mbtmp4.3/34, ML3.6/3, Error ellipse: s-maj=14.5km s-min=11.7km az=162.0

ISC 16 02:06:54.2±0.3, 11.94N:0.04:43.91E±0.04, h10km, mb4.6/6.8, MS4.3/3, Error ellipse: s-maj=6.3km

ISC 16 02:06:55.3±0.3, 11.95N:43.97E, h10km, mb5.1/24, Error ellipse: s-maj=6.8km s-min=5.9km az=111.0

ISC 16 02:06:56.0±0.2, 11.96N:43.89E, h10km, mb4.8/26, Error ellipse: s-maj=8.8km s-min=8.2km az=109.0

ISC 16 02:06:56.0±0.4, 11.99N:0.05:43.92E±0.06, h10km, n260, e131/230, mb4.7/6.8, MS4.3/3, 31C-7D, Ethiopia

ISC 16 02:06:56.0±0.4, 11.99N:0.05:43.92E±0.06, h10km, n260, e131/230, mb4.7/6.8, MS4.3/3, 31C-7D, Ethiopia

ISC 16 02:06:56.0±0.4, 11.99N:0.05:43.92E±0.06, h10km, n260, e131/230, mb4.7/6.8, MS4.3/3, 31C-7D, Ethiopia

ISC 16 02:06:56.0±0.4, 11.99N:0.05:43.92E±0.06, h10km, n260, e131/230, mb4.7/6.8, MS4.3/3, 31C-7D, Ethiopia

ISC 16 02:06:56.0±0.4, 11.99N:0.05:43.92E±0.06, h10km, n260, e131/230, mb4.7/6.8, MS4.3/3, 31C-7D, Ethiopia

16d 3h

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arta Tunnel, Keskin Array B, Torodi Ar. Bea, Makanchi Array.

NIED 16 03:00:00.24.10N.121.70E, h11km, Mw4.2 Best double couple: M2 23000.1015 NP1.206.00000.826.00000.1.80.00000. NP2.307.00000.864.00000.1.85.00000. NEIC 16 03:00:34.5.0.9.24.08N.121.75E, h8km, mb4.0/3, Error ellipse: s-maj=10.1km s-min=5.3km az=106.0 JMA 16 03:00:34.7.0.1.24.10N.121.68E, h5km, mb3.9, M3.9 TAP 16 03:00:35.4.24.10N.121.66E, h12km, ML4.5, B BUI 16 03:00:35.2.24.09N.121.65E, h5km, mb4.1/6, ML4.3/4, Ms7.3/2

ISCJB 16 03:00:35.0.3.24.10N.0.01.121.74E:0.02, h6km, 2km, mb3.9/15, MS4.3/1, Error ellipse: s-maj=2.0km s-min=1.7km az=34.2

IDC 16 03:00:40.1.4.9.24.13N.121.89E, h6km, 46km, ms3.5/11, mb1.3.7/12, mb1mx3.6/43, mbtmp3.8/12, ML4.5/1, MS3.7/2, Ms1.3.7/2, ms1mx3.1/32, Error ellipse: s-maj=23.4km s-min=15.6km az=77.0

ISC 16 03:00:35.0.8.24.10N.0.01.121.71E:0.02, h12km, 5km, n100, s08/85/152, mb3.8/15, 25C-5D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiawan, Nanchiao, Hwalien, Heping Village, Hehuan Shan, Jichi Village, Nan Shan, Tachien, Supu, Nioudou, Neicheng, Danda, Yeheng, Sanguang, Sun Moon Lake, Yuchr, Nanjuang, Mucha, Liyutan, Taipei, Sanyu, Santiao Chiao, Taichung, etc.

2010 NOV

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taipei, Mingjian, Wu-fen Shan, Hsinchu, National Centr, Alishan, Kuangyinshan, Chengkung, Tsauling, Lidau, Guleng, Chenhua, Yonagunijimaku, Yonaguni jima, Yonaguni jima, Yonaguni jima, Yonaguni jima, Yonaguni jima, Hsiinying, Pinlang, Piniang, Nanshi, Taitung, Sshu, Jiashian, Pengchayiu, Yiju, Shinhua, Saranen, Shoushan, Anshuo, Tawu, Hateruma jima, Fangliu, Tungjii, Kuro-shima, Ishigaki jima, Hengchun, Hengchun, Hengchun, Pin, Ishigakijimahi, Qanzhou, Kinmen, Korea Array, Chiang Mai Arr, Ulanbataar, Songino Array, Makanchi Array, Zalesovo Beam, Tennant Creek, Warramunga Arr, Alice Springs, Akbuk array, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Eielson Array, Inuvik, AKASA, Keskin Array B, Hagfors, NORRAR Array B, etc.

ISCJB 16 03:01:22.7.0.6.40.78N.0.03.21.03E:0.04, h10km, 4km, Error ellipse: s-maj=5.5km s-min=3.9km az=42.3 CSEM 16 03:01:22.9.0.2.40.79N:21.03E, h8km, MD2.9, Error ellipse: s-maj=3.9km s-min=3.1km az=121.0 ATH 16 03:01:22.8.40.74N.21.05E, h21km, 1km, MD2.9/10 SKO 16 03:01:22.4.40.85N.21.03E, h2km, M1.8, ML2.2 THE 16 03:01:23.4.40.73N.21.04E, h0km, 3km, ML2.2/8, Error ellipse: s-maj=4.5km s-min=1.0km az=320.0

ISC 16 03:01:22.8.1.0.40.77N.0.02.21.02E:0.03, h12km, 8km, n53, s08/83/86, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Florina, Nestorio, Ohrid, Kozani, Griva, Janina, Saglada, Litokhoron, Igitoumenitsa, Kerkira, Klokotos Trika, Kendrikon, Palaion Diasel, Sokhos, Polygyros, Makrakomti, Makrakomti, Makrakomti, Lefkada island, Lefkada island, Agios Georgios, Agios Georgios, Prodomos, Prodomos, Xorichti, Paliouri, etc.

IDC 16 03:16:51.9.0.9.1.93S:139.08E, h0km, mb3.8/5, mb1.4.0/5, mb1mx3.8/23, mbtmp3.8/5, ML3.9/1, Error ellipse: s-maj=23.8km s-min=12.6km az=30.0

ISCJB 16 03:16:54.0.8.2.0S:0.1, 139.0E:0.1, h29km, mb3.7/5, Error ellipse: s-maj=18.9km s-min=14.5km az=150.9

ISC 16 03:16:55.0.9.1.95S:0.1, 139.2E:0.1, h29km, n11, s147/77, mb3.8/5, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jayapura, Warramunga Arr, Fitzroy Cross, Alice Springs, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, Korea Array, Chiang Mai Arr, Makanchi Array, Zalesovo Beam, Tennant Creek, Warramunga Arr, Alice Springs, Akbuk array, etc.

KRNET 16 03:18:00.5.0.1.40.51N:73.72E, h16km, mb2.2 NNC 16 03:18:03.8.3.4.40.63N:73.62E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=27.9km s-min=16.2km az=149.0

Table with columns: Call Sign, Frequency, Mode, and other parameters. Includes stations like DAVA, FETA, TORD, and TORO.

ISCJB 16 06:30:25.0.4.3.25.00s:0.02:68:94W:0.04, h109km, 4km, mb4.3/13, Error ellipse: s-maj=6.8km s-min=3.5km az=178.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB10, PB06, LVC, and LVA.

ISC 16 06:30:27.1.0.5.24.99s:0.03:68:94W:0.05, h109km, 5km, m63, r120/79, mb4.3/13, 3C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLA, PB07, AZAP, HJA, AHML, VCA, ASTB, YJA, LCO, CYA, and AGUA.

AGUA GUANDACOL 4.49 175 eP Pn 06 31 32.9 -0.3

AMOG BIGNA 5.94 176 eP Pn 06 31 52.3 -0.4

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ASAL SALAGASTA 7.57 179 eP Pn 06 32 14.3 -0.6

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

ARE AREQUIPA 8.82 344 eP Pn 06 32 26.0 -6.0

Table with columns: Call Sign, Frequency, Mode, and other parameters. Includes stations like ZALV, MKAR, and MEX.

MEX 16 06:31:06.0.0.9.15.44N:93.21W, h79km, gkm, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG, CGIC, TGIG, and COMITAN.

MEX 16 06:35:46.0.0.6.14.40N:93.09W, h16km, 49km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG, CGIC, TGIG, and COMITAN.

ISC 16 06:44:31.7.0.4.2.10N:0.03:96:24E:0.04, h27km, mb4.3/15, MS3.6/7, Error ellipse: s-maj=6.0km az=145.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPTI, GSI, KCSI, MSLI, MSLI, TSI, and PSI.

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

ISC 16 06:44:33.4.0.6.2.13N:0.05:96:23E:0.07, h27km, m76, r127/66, mb4.4/15, MS3.6/7, Northern Sumatra

Table with columns: Call Sign, Frequency, Mode, and other parameters. Includes stations like MKAR, SONM, KKAR, MANU, MJAR, ZALV, RAYN, ABKAR, BTRK, PETR, NFK, FINES, ARCES, GERES, and TXAR.

ISC 16 06:47:04.7.6.2.4.34S:99.55E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.4/30, mbtmp3.7/2, Error ellipse: s-maj=127.1km s-min=29.0km az=61.0, Southwest of Sumatra

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

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATD, AYT, BRTR, and KBZ.

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

ISC 16 06:58:01.8.2.9.11.50N:43.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.7/4, MS3.2/3, Ms1 3.1/3, mb1mx2.8/30, Error ellipse: s-maj=162.0, Ethiopia

16d 9h

Table of astronomical observations for 16d 9h, listing station names, coordinates, and observation times.

2010 NOV

Table of astronomical observations for 2010 NOV, listing station names, coordinates, and observation times.

816

Table of astronomical observations for 816, listing station names, coordinates, and observation times.

ENH	Enshi	42.23 259	eP	P	10 18 37.2 -0.6
GTA	comp=Z,53nm,0.9s				
Gaotai	42.25 277	↑P	P	10 18 37.8 -0.2	
GTA			pP	10 18 47.0 -4.2	
GTA			sP	10 18 51.0 -5.9	
GTA			PP	10 20 17.8 +1.2	
GTA			PcP	10 20 33.6 +2.5	
GTA			ScP	10 24 22.0 +4.7	
GTA			PcS	10 24 23.9 +0.8	
GTA			S	10 24 54.3 -0.7	
GTA			sS	10 25 10.4 -6.6	
GTA			SS	10 27 56.5 -7.8	
GTA			ScS	10 28 38.8 +3.4	
GTA			PMZ		
	comp=Z,76nm,1.1s				
GTA	comp=Z,260nm,5.5s				
GTA	comp=Z,3um,14.7s				
GTA	comp=Z,3um,14.2s				
GTA	comp=Z,4um,13.8s				
ZAA1	Zalesovo Array	43.10 304	eP	P	10 18 42.3 -2.2
ZAA1			eP	P	10 20 34.3 +0.8
ZALV	Zalesovo Beam	43.10 304	P	P	10 18 42.3 -2.2
ZALV	comp=Z,11nm,0.5s,baz=58,slow=6.3,SNR=37		PcP	P	10 20 34.3 +0.8
ZALV	comp=Z,42nm,1.0s,baz=54,slow=3.8,SNR=16		LR	LR	10 38 03.1
ZALV	comp=Z,3um,18.5s,baz=70,slow=38				
NVS	Novosibirsk	43.48 305	i/P	P	10 18 46.6 -1.0
NVS			e		10 19 01.3
NVS			iS		10 20 33.6
NVS			S		10 25 11.6 -0.7
NVS	comp=Z,137nm,1.0s			pmax	
NVS	comp=N,30nm,1.1s			pmax	
NVS	comp=E,102nm,1.5s			pmax	
NVS	comp=N,52nm,2.0s			smax	
NVS	comp=E,48nm,1.7s			smax	
ALE	Alert	44.37 7	P	P	10 18 55.0 +0.6
YKA	Yellowknife Ar	44.55 41	P	P	10 18 54.8 -1.2
YKA	comp=E,403nm,0.9s,SNR=36				
YKBS	Yellowknife Ar	44.55 41	eP	P	10 18 54.8 -1.2
RES	Resolute Bay	44.81 21	eP	P	10 18 58.3 +0.4
RES	comp=Z,31nm,1.0s			pmax	
RES	comp=Z,31nm,1.0s			pmax	
GZH	Guangzhou	45.25 249	P	P	10 18 57.8 -4.2
GZH			pP	pP	10 19 08.4 -6.9
GZH			S	PMZ	10 25 29.8 -8.8
GZH	comp=Z,240nm,1.2s				
GZH	comp=Z,2um,21.6s				
GZH	comp=Z,3um,18.0s				
CD2	Chengdu	45.32 265	eP	P	10 19 02.4 -0.2
CD2			pP	P	10 19 11.4 -4.5
CD2			pP	S	10 19 17.9 -3.7
CD2			sP	PP	10 20 51.8 +2.7
CD2			S	S	10 25 39.0 +0.2
CD2			SS	ScS	10 28 56.9 +2.2
CD2	comp=Z,110nm,1.2s			PMZ	
CD2	comp=Z,210nm,9.5s				
CD2	comp=Z,2um,15.5s				
CD2	comp=Z,2um,13.2s				
CD2	comp=Z,2um,14.3s				
GYA	Guiyang	46.69 258	↑i/P	P	10 19 13.4 -0.2
GYA			pP	P	10 19 25.0 -1.9
GYA			PcP	P	10 20 49.3 +2.8
GYA			PP	PP	10 21 03.6 -0.2
GYA			ScP	ScP	10 24 38.5 +2.8
GYA			S	S	10 26 00.9 +1.3
GYA			sS	SS	10 26 18.8 -3.1
GYA			SS	SS	10 29 19.3 -6.8
GYA	comp=Z,130nm,1.0s			PMZ	
GYA	comp=Z,230nm,5.3s				
GYA	comp=Z,880nm,14.9s				
GYA	comp=Z,1um,17.1s				
GYA	comp=Z,1um,16.4s				
WMQ	Urumqi	46.95 290	P	P	10 19 15.4 +0.1
WMQ			pP	pP	10 19 25.8 -2.8
WMQ			PcP	P	10 20 47.8 +0.7
WMQ			PP	PP	10 21 01.6 -4.3
WMQ			sP	ScP	10 24 39.8 +3.4
WMQ			S	S	10 26 03.3 +0.5
WMQ			sS	SS	10 26 19.9 -5.2
WMQ			ScS	SS	10 29 04.0 -1.0
WMQ			SS	SS	10 29 22.0 -7.5
WMQ	comp=Z,110nm,0.9s			PMZ	
WMQ	comp=Z,150nm,3.5s				
WMQ	comp=Z,1um,11.5s				
WMQ	comp=Z,290nm,14.0s				
KURK	Kurchatov	48.03 302	eP	P	10 19 22.9 -0.6
KURK			e	S	10 20 51.7
KURK			eS	S	10 26 15.5 -2.3
KURK			S	P	10 19 22.9 -0.6
KURK			eP	PcP	10 20 51.7 +1.0
KURK			eS	P	10 24 39.8 +3.4
KURBB	Kurchatov Arra	48.13 302	P	P	10 19 22.9 -1.4
KURBB	comp=Z,78nm,0.8s,baz=62,slow=7.7,SNR=166		PcP	P	10 20 51.7 +0.6
KURBB	comp=Z,23nm,0.9s,baz=54,slow=3.6,SNR=7.6		S	S	10 26 15.5 -3.7
KURBB	comp=Z,0.3nm,0.4s,baz=54,slow=13,SNR=4.3				
KBS	Kingsbay	48.18 352	i/P	P	10 19 25.0 +0.7
KBS	comp=Z,231nm,0.9s			IAMB	10 19 26.3
KBS	Kingsbay	48.18 352	eP	P	10 19 25.5 +1.2
KBS	comp=Z,247nm,0.9s				
KBS	Kingsbay	48.18 352	eP	P	10 19 25.5 +1.2
KBS	comp=Z,246nm,0.9s				
MK31	Makanchi Array	48.30 296	i/P	P	10 19 23.9 -1.7
MK31	comp=Z,5.0nm,0.3s			pmax	
MK32	Makanchi Array	48.30 296	eP	P	10 19 23.5 -2.1
MK32			eP	P	10 24 51.7 +1.4
MKAR	Makanchi Array	48.30 296	P	P	10 19 23.5 -2.1
MKAR	comp=Z,16nm,0.9s,baz=60,slow=7.2,SNR=42		ScP	ScP	10 24 43.4 +1.4
MKAR	comp=Z,2.4nm,0.9s,baz=20,slow=2.1,SNR=2.0		LR	LR	10 40 49.6
MKAR	comp=Z,2um,18.2s,baz=50,slow=37				
MKAR	comp=N,2.0nm,0.9s			pmax	
MKAR	comp=Z,16nm,0.9s			pmax	
MKAR	comp=Z,2um,18.2s			MLR	
MKAR	comp=Z,2um,18.2s			MLR	
SPB1	Spitsbergen Ar	48.30 296	eP	P	10 19 24.2 -1.4
SPB1	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPB5	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPB1	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPA0	Spitsbergen Ar	48.42 350	i/P	P	10 19 26.5 +0.3
SPA0	comp=Z,507nm,1.0s			IAMB	
SPA0	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPITS	Spitsbergen Ar	48.42 350	LR	LR	10 39 52.1
SPITS	comp=Z,718nm,20.8s,baz=5.0,slow=36				

SPA2	Spitsbergen Ar	48.42 350	eP	P	10 19 27.1 +0.9
SPA3	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPB2	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
SPB4	Spitsbergen Ar	48.42 350	eP	P	10 19 27.1 +0.8
SPB3	Spitsbergen Ar	48.42 350	eP	P	10 19 27.0 +0.8
MAK2	Makanchi	48.46 296	eP	P	10 19 25.5 -1.4
	comp=Z,50nm,1.1s				
HOPEN	Hopen	48.78 347	eP	P	10 19 28.1 -0.8
HSPB	Hornsund (broa	49.54 350	eP	P	10 19 34.1 -0.6
B08A	Colville Reser	49.82 60	eP	P	10 19 38.4 +1.1
	comp=Z,39nm,1.0s				
EDM	Edmonton	50.03 52	eP	P	10 19 39.0 +0.2
EDM				pmax	
EDM	comp=Z,210nm,1.8s				
EDM	Edmonton	50.03 52	eP	P	10 19 39.1 +0.2
EDM	comp=Z,208nm,1.8s				
KMI	Kunming	50.07 260	P	P	10 19 40.1 +0.4
KMI			pP	pP	10 19 51.0 -2.1
KMI			sP	sP	10 19 55.8 -3.0
KMI			PP	PP	10 21 35.1 +0.2
KMI			S	S	10 26 41.3 -6.2
KMI			SS	SS	10 30 16.3 -4.5
KMI			PMZ		
KMI	comp=Z,96nm,1.3s			PMZ	
KMI	comp=Z,470nm,3.2s				
KMI	comp=Z,1um,15.4s				
KMI	comp=Z,1um,14.6s				
KMI	comp=Z,2um,16.2s				
CHKZ	Chkalovo	50.35 309	i/P	P	10 19 39.1 -2.1
CHKZ				pmax	
QIZ	Qiongzong	50.45 249	P	P	10 19 44.0 +1.7
QIZ			pP	pP	10 19 51.5 -4.2
QIZ			sP	sP	10 19 56.6 -4.8
QIZ			S	S	10 26 55.8 +3.5
QIZ			sS	sS	10 27 10.8 -4.0
QIZ	comp=Z,170nm,1.1s			PMZ	
QIZ	comp=Z,380nm,6.6s				
QIZ	comp=Z,730nm,19.7s			LN	
QIZ	comp=Z,960nm,17.4s			LN	
QIZ	Qiongzong	50.45 249	eP	P	10 19 44.8 +2.5
QIZ	comp=Z,191nm,1.1s				
E07A	Sunnyside	50.62 62	eP	P	10 19 42.0 -1.4
	comp=Z,25nm,0.8s				
C09A	Chrisan Ranch	50.73 60	eP	P	10 19 45.0 +0.8
	comp=Z,34nm,1.1s				
BVAR	Borovoye Array	50.85 309	P	P	10 19 43.3 -1.6
BVAR	comp=Z,58nm,0.6s,baz=58,slow=7.9,SNR=283		PcP	P	10 21 01.7 +0.7
BVAR	comp=Z,16nm,0.8s,baz=39,slow=5.7,SNR=5.3				
BVAR	comp=Z,1.2nm,0.6s,baz=60,slow=8.8,SNR=4.1			LR	10 43 19.6
BVAR	comp=Z,4um,19.3s,baz=66,slow=38			LR	
BRVK	Borovoye	50.88 309	i/P	P	10 19 43.9 -1.3
BRVK				pmax	
BRVK	comp=Z,102nm,0.8s				
BRVK	Borovoye	50.88 309	P	P	10 19 43.9 -1.3
BRVK	comp=Z,743nm,0.7s,SNR=49				
BRVK	Borovoye	50.88 309	P	P	10 19 43.8 -1.4
BRVK	SNR=36				
BRVK	Borovoye	50.88 309	eP	P	10 19 43.4 -1.8
BRVK	comp=Z,96nm,0.8s				
I04A	Tendick Farm, baz=51	50.89 66	eP	P	10 19 46.3 +0.8
NEW	Newport	51.06 59	eP	P	10 19 46.3 -0.4
NEW				pmax	
NEW	comp=Z,23nm,1.0s				
NEW	Newport	51.06 59	eP	P	10 19 47.0 +0.3
NEW	comp=Z,23nm,1.0s				
NEW	Newport	51.06 59	eP	P	10 19 46.2 -0.4
L02D	Cave Junction, baz=51	51.22 68	P	P	10 19 48.6 +0.7
KULLO	Kullorsuaq	51.66 12	i/P	P	10 19 50.8 +0.1
DAG	Danmarks Havn	51.79 359	↑i/P	P	10 19 51.8 +0.1
DAG				pmax	
DAG	comp=Z,620nm,1.0s				
DAG	Danmarks Havn	51.79 359	↑i/P	P	10 19 51.8 +0.1
DAG	comp=Z,622nm,1.0s				
J05D	Fort Rock, OR	51.87 66	P	P	10 19 53.4 +0.5
PDGK	Podgornoye	51.98 294	i/P	P	10 19 52.5 -1.0
PDGK				pmax	
YBH	Yreka Blue Hor	52.01 68	eP	P	10 19 52.8 -1.1
YBH				pmax	
YBH	comp=Z,11nm,0.8s				
YBH	Yreka Blue Hor	52.01 68	eP	P	10 19 52.8 -1.1
YBH	comp=Z,12nm,0.8s				
M02C	Callahan	52.14 69	eP	P	10 20 00.8 -6.6
M02C	baz=52				
M02C	Callahan	52.14 69	eP	P	10 19 55.2 +0.4
WALA	Waterton Lakes	52.26 56	eP	P	10 19 56.2 +0.5
WALA	comp=Z,26nm,0.9s				
M04C	Macdoel	52.48 68	P	P	10 19 57.3 -0.1
M04C	baz=52				
N02D	Trinity Center	52.49 69	P	P	10 19 58.4 +0.9
B5MT	Basoo Peak	52.55 58	eP	P	10 19 58.5 +0.5
OTUK	Ortayu	52.80 303	i/P	P	10 19 58.0 -1.5
OTUK				pmax	
WDC	Whiskeytown Da	52.84 69	eP	P	10 19 59.8 -0.2
WDC				pmax	
WDC	comp=Z,23nm,1.2s				
WDC	Whiskeytown Da	52.84 69	eP	P	10 19 59.8 -0.2
WDC	comp=Z,23nm,1.2s				
SVE	Sverdlovsk	52.94 317	↑i/P	P	10 20 07.8 -5.7
SVE				pmax	
SVE	comp=Z,97nm,1.2s				
SVE	Sverdlovsk	52.94 317	↑i/P	P	10 19 59.5 -0.9
SVE	comp=Z,97nm,1.2s			MLR	
BMO	Blue Mountains	53.08 62	eP	P	10 20 04.3 +2.5
BMO	comp=Z,7um,18.0s				
SWMT	Swartz Lake	53.18 58	eP	P	10 20 03.1 +0.6
SWMT	Modoc	53.28 67	eP	P	10 20 03.3 -0.1
SWMT	comp=Z,38nm,0.8s				
O03D	Paynes Creek	53.46 69	P	P	10 20 04.0 -0.6
O0					

16d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and SNR. Includes stations like ELK, UTTA, H17A, KK31, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and SNR. Includes stations like B27A, C26A, PKI, FAKI, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and SNR. Includes stations like E29A, C31A, D30A, BELC, etc.

H31A	Wolsey	63.14	52	P	P	10 21 11.7	-0.3
F33A	5 Mile Ranch	63.19	49	P	P	10 21 12.1	-0.2
E34A	Wadena	63.22	48	P	P	10 21 12.2	-0.2
D35A	Remer	63.31	47	P	P	10 21 12.4	-0.6
C36A	Pine Crest Farm	63.35	46	P	P	10 21 13.0	-0.3
OBN	Obninsk	63.41	327	LR	LR	10 52 36.1	
OBN	Obninsk	63.41	327	eP	sP	10 21 50.0	
OBN				e	e	10 23 31.5	
OBN				ePPP	S	10 25 13.3	
OBN				i	i	10 29 47.0	+4.9
OBN				imax	imax	10 31 06.3	
OBN	comp=Z,129nm,1.1s			MLR	MLR		
OBN	Obninsk	63.41	327	eP	P	10 21 12.7	-0.8
I31A	Boyce, Wessing	63.44	52	P	P	10 21 13.5	-0.5
K29A	Lazy Trails An	63.48	54	P	P	10 21 14.1	-0.3
J30A	Dallas	63.48	53	P	P	10 21 14.2	-0.1
E35A	Pequot Lakes	63.54	48	P	P	10 21 14.2	-0.4
VSU	Vasula	63.58	334	iP	P	10 21 14.8	+0.2
G33A	Ortonville	63.60	50	P	P	10 21 14.7	-0.3
H32A	Carlson Farm	63.63	51	P	P	10 21 14.8	-0.4
D36A	Goodland	63.64	47	P	P	10 21 14.6	-0.6
C37A	Embarrass	63.66	46	P	P	10 21 15.0	-0.4
S22A	4UR Ranch, Cre	63.68	62	eP	P	10 21 16.2	+0.2
S22A	4UR Ranch, Cre	63.68	62	eP	P	10 21 17.0	+1.0
F34A	Alexandria	63.71	49	P	P	10 21 15.6	-0.1
Q24A	Divide	63.72	60	P	P	10 21 16.2	0.0
Q24A	Divide	63.72	60	eP	P	10 21 16.6	+0.3
EYMN	Ely	63.80	45	P	P	10 21 16.1	-0.2
EYMN	Ely	63.80	45	eP	P	10 21 16.0	-0.3
H33A	Prehn Over Nor	63.83	50	P	P	10 21 15.8	-0.8
J31A	Geddes	63.88	53	P	P	10 21 16.5	-0.4
MOL	Molde	63.89	346	eP	IAMB	10 21 17.9	+1.3
MOL	Molde	63.89	346	eP	IAMB	10 21 19.5	
KBL	Kabul	63.89	293	eP	imax	10 21 15.4	-2.0
KBL	Kabul	63.89	293	eP	imax	10 21 15.4	-2.0
K30A	Basset	63.90	54	P	P	10 21 16.9	-0.1
L29A	Maesberg Ranch	63.91	55	P	P	10 21 17.3	+0.1
OGNE	Ogallala	63.93	56	P	P	10 21 16.7	-0.6
OGNE	Ogallala	63.93	56	eP	P	10 21 18.4	+1.0
G34A	Benson	63.94	49	P	P	10 21 16.9	-0.3
I32A	Karley and Nic	63.97	51	P	P	10 21 17.1	-0.4
TTSI	Tana Toraja	63.98	225	P	P	10 21 25.0	+7.2
F35A	Swanville	63.98	48	P	P	10 21 17.4	-0.1
D37A	Cotton	63.98	46	P	P	10 21 17.0	-0.5
C38A	Sawbill Land	64.08	45	P	P	10 21 17.6	-0.6
E36A	McGregor	64.09	47	P	P	10 21 17.7	-0.5
DOMB	Dombas	64.15	345	eP	IAMB	10 21 18.7	+0.3
DOMB	Dombas	64.15	345	eP	IAMB	10 21 20.8	
SURA	Surathani	64.23	251	P	P	10 21 21.8	+2.3
M29A	Burnside Ranch	64.25	55	P	P	10 21 19.4	-0.1
J32A	Parkston	64.26	52	P	P	10 21 18.7	-0.7
I33A	Coleman	64.27	51	P	P	10 21 18.7	-0.8
H34A	Spellman Lake	64.30	50	P	P	10 21 19.6	0.0
AKN	Aaknes	64.35	346	eP	P	10 21 20.5	+0.8
K31A	O'Neill	64.37	53	P	P	10 21 19.6	-0.5
N28A	Pribbeno Ranch	64.37	56	P	P	10 21 20.2	-0.1
L30A	Spencer Herefo	64.38	54	P	P	10 21 20.2	0.0
SDCO	Great Sand Dun	64.41	61	P	P	10 21 20.9	+0.2
SDCO	Great Sand Dun	64.41	61	eP	P	10 21 22.6	+1.8
E17A	Wrenshall	64.44	47	P	P	10 21 20.2	-0.4
234A	Organ Pipe Nat	64.45	70	P	P	10 21 21.5	+0.7
F36A	Milaca	64.46	48	P	P	10 21 20.2	-0.5
G35A	Watkins	64.50	49	P	P	10 21 20.7	-0.2
C39A	Grand Marais	64.50	44	P	P	10 21 20.0	-0.9
ECSD	EROS Data Cent	64.59	51	P	P	10 21 21.3	-0.3
ECSD	EROS Data Cent	64.59	51	eP	P	10 21 20.4	-1.2
LPSR	Galich'ya Gora	64.61	324	eP	imax	10 21 20.5	-1.0
LPSR				imax	imax		
LPSR				imax	imax		
LPSR				MLR	MLR		
LPSR				MLR	MLR		
KSM	Kuching	64.62	237	eP	P	10 21 23.8	+1.8
L31A	Butterfield Fa	64.65	54	P	P	10 21 21.9	-0.1
O28A	Krutsinger Ran	64.66	57	P	P	10 21 22.4	+0.3
VRH	Novokhoporsk	64.69	322	eP	imax	10 21 20.3	-1.7
VRH				imax	imax		
VRH				imax	imax		
VRH				MLR	MLR		
VRH				MLR	MLR		
VRH				MLR	MLR		
H35A	Sunnyside Ranc	64.73	49	P	P	10 21 22.5	+0.1
K32A	Verdigre	64.73	53	P	P	10 21 22.7	+0.3
NB2	NORSAR Subarra	64.73	343	P	P	10 21 22.5	+0.3
NB2	NORSAR Subarra	64.73	343	P	P	10 21 22.5	+0.3
NB200	NORSAR Array S	64.73	343	eP	P	10 21 22.4	+0.3
NOA	NORSAR Array B	64.73	343	P	P	10 21 22.4	+0.3
NOA				LR	LR	10 54 42.2	
I34A	Hadley	64.73	50	P	P	10 21 22.3	-0.2
J33A	Davis	64.73	52	P	P	10 21 22.5	0.0
N29A	Votaw Ranch, W	64.75	56	P	P	10 21 23.0	+0.3
G36A	St. Michael	64.83	48	P	P	10 21 23.0	-0.1
NC602	NORSAR Array S	64.95	343	eP	IAMB	10 21 23.0	-0.6
NC602	NORSAR Array S	64.95	343	eP	IAMB	10 21 25.8	
KSCO	Kaye Shedlock'	65.03	58	P	P	10 21 24.4	-0.2
KSCO	Kaye Shedlock'	65.03	58	eP	P	10 21 26.3	+1.7
N30A	Hueftle Ranch	65.03	55	P	P	10 21 24.4	-0.1
P28A	Saint Francis	65.08	57	P	P	10 21 24.7	-0.2
DGPR	DIGLIPUR	65.11	259	eP	AMB	10 21 25.6	+0.4
DGPR	DIGLIPUR	65.11	259	eP	AMB	10 21 28.9	
O29A	4D Ranch, Culb	65.17	56	P	P	10 21 25.2	-0.2
L32A	Elgin	65.20	53	P	P	10 21 25.3	-0.2
M31A	Lambrecht Ranch	65.20	54	P	P	10 21 25.4	-0.2
STKI	Sintang	65.22	235	P	P	10 21 28.0	+2.1
H36A	Jessenland, He	65.24	49	P	P	10 21 25.3	-0.4
KRAB	Krabi	65.24	251	P	P	10 21 28.1	+2.0
K33A	Hardington	65.25	52	P	P	10 21 25.5	-0.4
J34A	George	65.25	51	P	P	10 21 25.6	-0.3
SKLT	Songkhla	65.25	249	P	P	10 21 28.3	+2.1
TRTT	Trang	65.26	250	P	P	10 21 28.1	+1.9
SPMN	St. Paul	65.28	48	P	P	10 21 25.6	-0.3
I35A	Creeview Farm	65.29	50	P	P	10 21 25.9	-0.2
TUC	Tucson	65.38	69	eP	imax	10 21 28.2	+1.3
TUC	Tucson	65.38	69	eP	imax	10 21 28.2	+1.3
Q28A	Sharon Springs	65.41	58	P	P	10 21 26.6	-0.4
HYA	Hoyanger	65.43	346	eP	P	10 21 27.1	+0.5
T25A	Trinidad	65.44	61	P	P	10 21 27.3	-0.1
T25A	Trinidad	65.44	61	eP	P	10 21 28.6	+1.2
P29A	Atwood	65.48	57	P	P	10 21 27.3	-0.2
J35A	Milford	65.55	51	P	P	10 21 27.9	+0.1
BGNE	Belgrade	65.57	54	P	P	10 21 27.7	-0.2
I36A	Fitzsimmons Fa	65.62	49	P	P	10 21 27.9	-0.3
K34A	Le Mars	65.63	52	P	P	10 21 28.1	-0.2
VSR	Storozhevoye	65.64	323	eP	imax	10 21 27.5	-0.7
VSR				imax	imax		
VSR				imax	imax		
VSR				MLR	MLR		
VSR				MLR	MLR		
VSR				MLR	MLR		
H37A	Dierke Farm, C	65.71	48	P	P	10 21 28.6	-0.2
KAPI	Kappang	65.77	224	P	P	10 21 29.8	+0.4
KAPI	Kappang	65.77	224	eP	P	10 21 29.7	+0.4
VORD	Divnogorie	65.80	323	eP	imax	10 21 27.9	-1.3
VORD				imax	imax		
VORD				imax	imax		
VORD				MLR	MLR		
VORD				MLR	MLR		
VORD				MLR	MLR		
OSL	Oslo	65.85	343	eP	IAMB	10 21 30.3	+0.9
OSL	Oslo	65.85	343	eP	IAMB	10 21 32.4	
KBKI	Kotabaru	65.85	228	P	P	10 21 31.0	+1.0
BKSI	Butukumba	65.88	223	P	P	10 21 30.5	+0.4
P30A	Selden	65.88	56	P	P	10 21 29.6	-0.4
O31A	Woolen Ranch,	65.91	55	P	P	10 21 29.9	-0.3
I37A	Lemond, Waseca	65.92	49	P	P	10 21 30.1	0.0
ANMO	Albuquerque	65.92	64	eP	imax	10 21 31.7	+1.2
ANMO	Albuquerque	65.92	64	eP	imax	10 21 31.7	+1.2
M33A	Taylor Creek F	65.92	53	P	P	10 21 29.9	-0.3
L33A	Ladron	65.94	65	eP	P	10 21 32.2	+1.5
N32A	Stulken Farm,	65.97	54	P	P	10 21 30.4	-0.2
Q29A	Oakley	65.99	57	P	P	10 21 30.4	-0.3
J36A	Seneca 1, Swea	65.99	50	P	P	10 21 30.0	-0.6
PKDT	Phuket	66.01	251	P	P	10 21 33.2	+2.1
K35A	Storm Lake	66.02	51	P	P	10 21 30.3	-0.5
L34A	Svensen Farm,	66.03	52	P	P	10 21 30.6	-0.3
IZAR	Zarasai	66.06	333	eP	IAMB	10 21 31.2	+0.4
IZAR	Zarasai	66.06	333	eP	IAMB	10 21 32.5	
ASK	Askey	66.23	346	eP	P	10 21 33.1	+1.3
R29A	Marienthal	66.25	58	P	P	10 21 32.1	-0.3
ISAL	Salakas	66.25	333	eP	IAMB</		

16d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUDU, SUDK, NEYTRINO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, KRLC, MYKA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NB200, NORSAR Array S, NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC, CM31, MDJ, BILL, KS15, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLOR, VRI, MLR, PETR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHF, CHKT, YUS, SMLT, etc.

DJA 16 10:53:21.4,0.4,5'S;4.10'3E, h58km, 6km, M3.8/10, MLV3.8/10, Southern Sumatra

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

DDA 16 10:56:34.7,37.38N,36.39E, h7km, MD3.0

ISK 16 10:56:34.3,37.36N,36.38E, h5km, MD3.3

CSEM 16 10:56:35.0,1.37.37N,36.37E, h2km, MD3.3

ISC 16 10:56:35.0,1.37.36N,0.02,36.36E, h3km, 10km, n44, c0570/65, Turkey

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

JMA 16 10:57:55.1,23.63N,121.61E, h38km, 2km, M3.0

ISCBJ 16 10:57:56.0,23.63N,121.66E, h29km, 2km, Error ellipse: s-maj=3.5km, s-min=2.2km, az=147.1

TAP 16 10:57:56.1,23.60N,121.60E, h34km, ML3.8, B

ISC 16 10:57:56.4,23.66N,121.61E, h33km, 5km, n62, c0579/104, 17C-4D, Taiwan

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

JTA 16 10:57:56.1,23.60N,121.60E, h34km, ML3.8, B

ISC 16 10:57:56.4,23.66N,121.61E, h33km, 5km, n62, c0579/104, 17C-4D, Taiwan

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

Table with columns: IDI, Anoyia, 0.96 57 Pg, Pn, 12 20 15.0 +0.3, etc. Includes stations like Heraklion, IACM, ANKY, etc.

Table with columns: EZN, Ezine, 5.41 20 eP, Pn, 12 21 17.5 +1.8, etc. Includes stations like SWAZ, SWAZ, SWAZ, etc.

Table with columns: VRAC, Vranov, 15.50 342 LR, LR, 12 21 22.7, etc. Includes stations like GERES, GERES, GERES, etc.

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

16d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waioamatatini S, Pakihiroa, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMOG Mogna, CERRO LA CRUZ, Cerro Villon, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Sogino Array, MKAR Makanchi Array, YAK Yakutsk, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ICHK, Chekchek, Kazerou, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like EKS2, Erkin-Say, AAK, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like MORC, Moravsky Berou, MOA, etc.

ISCJB 16 13:19.2d:0.1, 3.22'28N:0.03:11.5:37W:0.04, h11km, 9km, Hour ellipse: s-maj=6.1km s-min=5.1km az=168.4

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

THZ Tophouse 5.90 223 PN Pn 14 45 28.1 -4.6

NEIC 16 15:02:14.2,36:55S:177:11E,h5km,ML4.0(WEL),After WEL.

WEL 16 15:02:14.1±0.2,36:55S:177:13E,h5km,ML4.0,8C-2D, Error ellipse: s-maj=2.2km s-min=1.4km az=0.0,Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WIZ, MYRZ, KUAOTONU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KOSE, KOKL, KOPF, etc.

TAP 16 15:34:03.0,24:64N:121:83E,h6km,1km,ML1.4,D.

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

MAN 16 15:34:48,16:60N:120:40E,h92km,mb4.4,ML3.2,MS3.1, 2C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BCPH, BOLP, BOLF, etc.

IS/CJB 16 15:37:23.6±0.5,6:93N:0:06:73:05W:0:05,h161km, mb3.5/6, Error ellipse: s-maj=10.2km s-min=4.6km

IDC 16 15:37:23.0±0.9,6:57N:72:73W,h177km,8km,mb3.3/6, mb1.3/7,mb1mx3.3/39,mbtmp3.9/8, Error ellipse: s-maj=31.5km s-min=8.0km az=131.0

FUNF 16 15:37:24.1±0.7,72N:73:13W,h160km,MW3.5

ISC 16 15:42:14.0±0.6,6:88N:0:08:72:39W:0:07,h161km,n25, +19:37,mb3.4/6,Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CAPV, ROSC, ROISC, etc.

NEIC 16 15:21:57.8,51:61N:173:78W,h7km,mb4.1/1,After AEIC.

IS/CJB 16 15:21:59.2±0.4,53:04N:0:04:174:41W:0:07,h10km, mb3.7/8, Error ellipse: s-maj=6.6km s-min=5.2km az=20.6

IDC 16 15:22:09.6±0.7,53:46N:174:32W,h64km,56km,mb3.4/8, mb1.3/7,0,mb1mx3.4/38,mbtmp3.8/10,ML4.3/2, Error ellipse: s-maj=54.2km s-min=23.4km az=9.0

ISC 16 15:21:59.5±0.7,52:88N:0:05:174:28W:0:05,h10km,n25, +19:23/26,mb3.7/8,Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KONE, KOKV, KOSE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ATD, KMB0, ASUD, etc.

DJA 16 15:41:09.2±0.2,2:2S:2:12:1E,h10km,M3.8/15,mb4.1/2, ML3.7/15,Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TTSI, APSP, PCPI, etc.

ISK 16 15:45:20.6,37:85N:27:38E,h5km,MD3.0

DDA 16 15:45:21.5±0.2,37:87N:27:32E,h7km,MD2.7

CSEM 16 15:45:21.6±0.2,37:83N:27:30E,h5km,MD2.7, Error ellipse: s-maj=6.5km s-min=4.6km az=85.0

ISC 16 15:45:21.6±1.1,37:84N:0:02:27:36E:0:03,h4km,12km, n36,+08:54,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GCAM, GZelcamI, DGB, etc.

ISC/JB 16 15:45:22.7±1.4,34:75N:0:08:23:77E:0:07,h26km,6km, Error ellipse: s-maj=13.8km s-min=9.1km az=21.6

THE 16 15:45:22.4,34:72N:23:89E,h4km,3km,ML2.3/1, Error ellipse: s-maj=4.0km s-min=1.5km az=56.0

ATH 16 15:45:23.1,34:79N:23:82E,h30km,1km,MD3.3/1

CSEM 16 15:45:23.4±0.8,34:81N:23:80E,h20km,MD3.3, Error ellipse: s-maj=17.2km s-min=7.7km az=26.0

ISC 16 15:45:26.2±1.4,34:94N:0:06:23:93E:0:05,h18km,3km, n38,+09:49,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GVD, YAM, VAM, etc.

16d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NPS Neapolis, KYTH Kithira, THRE Thra Island, etc.

IDC 16 15:45:39.0, 0.7, 53.05N, 170.75E, h0km, mb4.2/25, mb1 4.4/27, mb1mx3.4/26, mbtmp3.2/27, ML3.5/2, MS3.5/10, Ms1.3/10, ms1mx3.4/5, Error ellipse: s-maj=20.2km, s-min=11.5km, az=166.0

BUI 16 15:45:38.0, 0.53, 00N, 170.70E, h13km, mb4.7/24, mB4.9/19, Ms4.8/4, Ms7.4/6.4

ISCJB 16 15:45:40.0, 1.2, 53.06N, 170.61E, 0.05, h15km, 8km, mb4.5/6, MS3.5/11, Error ellipse: s-maj=9.1km, s-min=4.7km, az=177.2

MOS 16 15:45:42.2, 1.0, 52.38N, 170.60E, h34km, mb4.7/23, Error ellipse: s-maj=8.2km, s-min=5.4km, az=128.9

NEIC 16 15:45:42.2, 2.2, 53.05N, 170.74E, h20km, 16km, mb4.5/14, Error ellipse: s-maj=11.5km, s-min=5.2km, az=172.0

KRSC 16 15:45:43.7, 1.4, 52.96N, 169.95E, h31km, 66km, ML5.0, ISC 16 15:45:42.8, 0.6, 52.89N, 170.58E, 0.05, h30km, 3km, h29km, p-P, n173, c194/209, mb4.4/56, MS3.6/11, 10C-7D, Near Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMY Shemya, KBTR Krutoberegovo, SPN Mys Shipunski, etc.

2010 NOV

Main station list table for 2010 NOV with columns: BILL, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, RSO Redoubt South, KDAK Kodiak Island, etc.

834

Main station list table for 834 with columns: LSA Lhasa, LSA Lhasa, KSH Kashi, etc. Includes station codes and coordinates.

ISCJB 16 15:51:08.0, 0.3, 46.59N, 0.01, 122.42W, 0.02, h11km, 2km, mb4.1/1, MS3.6/3, Error ellipse: s-maj=2.9km, s-min=1.8km, az=178.0
IDC 16 15:51:07.3, 0.6, 46.58N, 122.26W, h0km, mb3.9/7, mb1 4.1/16, mb1mx3.9/5, mbtmp3.9/16, ML3.8/9, MS3.4/10, Ms1.3/4.10, ms1mx3.1/56, Error ellipse: s-maj=10.2km, s-min=6.8km, az=75.0
PNSN 16 15:51:08.4, 46.56N, 122.43W, h15km, MD4.2, Fault plane solution: NP1: 248.0000, 275.0000, NP2: 145.0000, 350.0000, Principal axes: T: P1g40.0000, Azm: 115.0000, P: P1g116.0000, Azm: 11.0000
NEIC 16 15:51:08.0, 46.56N, 122.44W, h15km, mb4.08, MW4.1, MD4.2(SEA), Moment Tensor Solution. s13 Moment tensor: Scale 10^19Nm, Mr: 0.57, Mw: 1.18, Mw0: 0.61, Me: 0.79, Mo: 0.38, Mr: 0.64, Best double couple: M1: 5.0000x10^15, NP1: 138.0000, 145.0000, 115.0000, Principal axes: T: 1.5000, P1g45.0000, Azm: 15.0000, N: 0.0000, P1g38.0000, Azm: 257.0000, P: -1.4900, P1g20.0000, Azm: 4.0000, Alter SEA.
NEIC Felt [I] at Cinebar, Mossyrock, Oakville, Salkum and Vador, [II] at Amboy, Castle Rock, Centralia, Chehalis, Eatonville, Ethel, Olalla, Olympia, Onasaska, Puyallup, Rochester, Roy, Silver Creek, Tenino, Toledo, Toutle, University Place, Winlock and Yelm. Also felt [II] at Clatskanie, Oregon. Felt from Everett, Washington to Salem, Oregon.
ISC 16 15:51:08.2, 1.1, 46.57N, 0.02, 122.46W, 0.02, h14km, 7km, n198, r123/197, mb4.1/11, MS3.3/3, 43C-54D, Washington

Table with columns: Station Name, Time, Az, El, Az El, Pn, Lg, S, Mb, Pmax, Pmax. Includes stations like Lucas Creek, Tradedollar La, Elk Rock, Pierce County, etc.

Table with columns: Station Name, Time, Az, El, Az El, Pn, Lg, S, Mb, Pmax, Pmax. Includes stations like Hull Mountain, New Newport, NEW Newport, NEW Newport, etc.

Table with columns: Station Name, Time, Az, El, Az El, Pn, Lg, S, Mb, Pmax, Pmax. Includes stations like Ms1 4.1/27, Ms1mx4.0/38, Error ellipse: s-maj=15.6km, etc.

BUL 16:51:21.9, 11.82N-43:78E, h5km, mb4.7/38, mB5.1/29, Ms4.7/20, Ms7.4/419
IDC 16:51:25.4, 0.7, 11.96N-43:99E, h0km, mb4.4/22, mb1.4/24, mb1mx4.3/41, mbtmp4.4/24, ML3.4/2, MS4.1/27,

16d 15h

Table with columns: BRTR, Kesklin Array B, 29.13 343 P, P, 15 57 28.9 +0.4, comp=Z,1.0nm,1.0s,baz=155,slow=9.6,SNR=52

2010 NOV

Table with columns: VSR, Stormozevoye, 39.34 355 eP, P, 15 58 55.7 -0.8, comp=E,7.0nm,0.9s

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Table with columns: DPC, Dobruska-Polom, 44.49 335 eP, P, 15 59 38.0 -0.7, comp=Z,2.0nm,1.3s

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBZ, TIRR, CFR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KOLN, AAK, KIEV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PVO, LAKA, KLV, etc.

LSZ	Lusaka	41.15 250	P	P	18 52 23.8 +0.1
LSZ	comp-Z,27nm,0.7s				
LSZ	Lusaka	41.15 250	P	P	18 52 24.3 +0.6
LSZ	SNR=7				
LSZ	Lusaka	41.15 250	eP	P	18 52 23.5 -0.2
LSZ	comp-Z,30nm,0.8s				
LSZ	comp-Z,5µm,20.0s		LR	LR	
IDMV	Damavand	41.19 340	eP	P	18 52 24.6 +0.7
IJAL	Alasht	41.39 341	eP	P	18 52 27.1 +1.6
IGLO	Ghaloghah	41.46 343	eP	P	18 52 27.3 +1.3
IAFJ	Afjeh	41.55 340	eP	P	18 52 27.7 +0.9
IKOM	Komasi	41.72 334	eP	P	18 52 28.6 +0.4
ABKT	Alibek	41.73 348	P	P	18 52 28.2 +0.2
	comp-Z,66nm,1.2s,SNR=5				
GEYT	Alibeck	41.73 348	P	P	18 52 27.6 -0.3
	comp-Z,7.2nm,0.9s,baz=146,slow=8.7,SNR=19				
IRAZ	Razeghan	41.79 338	eP	P	18 52 27.0 -1.8
IGHG	Ghaleghazi	42.27 333	eP	P	18 52 32.3 -0.4
MATP	Matopp	42.29 243	P	P	18 52 32.8 -0.2
	comp-Z,23nm,0.9s,baz=72,slow=9.2,SNR=40				
IVIS	Veis	42.31 334	eP	P	18 52 32.5 -0.3
SMRI	Semarang	42.38 97	eP	P	18 52 33.5 -0.2
	comp-Z,96nm,1.1s				
KSM	Kuching	42.44 85	iP	P	18 52 33.2 -1.0
KSM	Kuching	42.44 85	eP	P	18 52 34.1 -0.1
	comp-Z,35nm,1.0s				
UGM	Wanagama	42.52 98	eP	P	18 52 33.4 -1.4
	comp-Z,171nm,1.3s				
KSH	Kashi	42.90 9	P	P	18 52 34.8 -2.8
KSH	comp-Z,171nm,1.3s		eS	SS	18 52 41.6 -2.5
KSH	comp-Z,171nm,1.3s		ePP	SS	18 54 17.4 +0.1
KSH	comp-Z,171nm,1.3s		PcP	SS	18 54 28.9 +0.5
KSH	comp-Z,171nm,1.3s		S	SS	18 52 37.5 -0.4
KSH	comp-Z,171nm,1.3s		sS	SS	18 59 08.3 -1.3
KSH	comp-Z,171nm,1.3s		SS	SS	19 02 02.8 -1.1
KSH	comp-Z,110nm,2.0s		PMZ		
KSH	comp-Z,240nm,5.2s		PMZ		
KSH	comp-Z,3µm,17.7s		LN		
KSH	comp-Z,840nm,12.4s		LE		
KSH	comp-Z,2µm,18.8s		LZ		
KMI	Kunming	43.70 48	P	P	18 52 45.3 +0.8
KMI	comp-Z,2µm,18.8s		eP	SS	18 52 53.4 +2.5
KMI	comp-Z,2µm,18.8s		SS	SS	18 54 28.3 +2.0
KMI	comp-Z,2µm,18.8s		S	SS	18 59 18.8 +4.3
KMI	comp-Z,13nm,0.8s		PMZ		
KMI	comp-Z,140nm,3.7s		LN		
KMI	comp-Z,770nm,16.2s		LE		
KMI	comp-Z,610nm,15.6s		LZ		
KMI	comp-Z,950nm,17.0s		LZ		
SBUM	Sibu	44.45 84	iP	P	18 52 50.3 -0.1
SBUM	Sibu	44.45 84	eP	P	18 52 50.8 +0.4
	comp-Z,28nm,1.0s				
EIL	Eilat	45.37 318	P	P	18 52 58.0 +0.6
	comp-Z,4.2nm,0.8s,baz=93,slow=3.1,SNR=5.2				
EIL	comp-Z,921nm,19.1s,baz=135,slow=33		LR	LR	19 09 53.6
BTM	Bitulu	45.40 83	iP	P	18 52 57.1 -0.8
IHR5	Heris	45.46 337	eP	P	18 52 56.0 -2.2
EKS2	Erkin-Say	45.71 6	eP	P	18 53 01.4 +1.3
EKS2	comp-Z,52nm,1.2s		pmx	pmx	
EKS2	comp-Z,1µm,21.0s		MLR	MLR	
EKS2	Erkin-Say	45.71 6	P	P	18 53 01.4 +1.3
EKS2	SNR=26				
EKS2	Erkin-Say	45.71 6	eP	P	18 53 01.4 +1.3
EKS2	comp-Z,52nm,1.2s		LR	LR	
AAK	Ala-Archa	45.76 7	P	P	18 53 01.5 +1.0
AAK	Ala-Archa	45.76 7	iP	P	18 53 01.5 +1.0
AAK	comp-Z,39nm,1.3s		pmx	pmx	
AAK	Ala-Archa	45.76 7	P	P	18 53 01.9 +1.4
AAK	Ala-Archa	45.76 7	P	P	18 53 01.9 +1.4
AAK	Ala-Archa	45.76 7	P	P	18 53 02.0 +1.5
AAK	Ala-Archa	45.76 7	eP	P	18 53 01.4 +0.8
AAK	comp-Z,32nm,1.3s		LR	LR	
ASF	Jabal al Asfar	45.79 322	P	P	18 53 02.2 +1.4
ASF	comp-Z,3.0nm,0.8s,baz=80,slow=2.9,SNR=7.9		LR	LR	19 10 53.5
KBK	Karagaybulak	45.84 7	P	P	18 53 02.4 +1.2
KK31	Karatay Array	45.91 2	iP	P	18 53 01.7 +0.2
KK31	comp-Z,13nm,1.1s		pmx	pmx	
KKAR	Karatay Array	45.91 2	eP	P	18 53 01.7 +0.2
KKAR	comp-Z,13nm,1.1s		pmx	pmx	
KKAR	Karatay Array	45.91 2	eP	P	18 53 01.7 +0.2
FRU	Bishkek	45.97 7	iP	P	18 53 03.0 +1.0
FRU	comp-Z,68nm,2.0s		pmx	pmx	18 53 10.0
FRU	comp-Z,68nm,2.0s		MLR	MLR	
ISHB	Shabestar	46.01 335	eP	P	18 53 02.7 +0.1
TKM2	Tokmak 2	46.18 8	eP	P	18 53 04.4 +0.5
TKM2	comp-Z,45nm,1.1s		pmx	pmx	
TKM2	comp-Z,2µm,21.0s		MLR	MLR	
TKM2	Tokmak 2	46.18 8	P	P	18 53 04.3 +0.5
TKM2	SNR=18				
TKM2	Tokmak 2	46.18 8	eP	P	18 53 04.4 +0.5
TKM2	comp-Z,44nm,1.1s		LR	LR	
IMRD	Marand	46.34 336	eP	P	18 53 05.5 +0.3
LBTB	Lotbatse	46.38 238	P	P	18 53 05.2 -0.5
	comp-Z,9.6nm,1.0s,baz=73,slow=10,SNR=6.6				
USP	Ospenovka	46.39 6	P	P	18 53 05.2 0.0
	SNR=9				
QIZ	Qiongzhang	46.52 60	P	P	18 53 07.5 +0.8
QIZ	comp-Z,42nm,2.0s		eP	SS	18 53 10.5 -0.9
QIZ	comp-Z,42nm,2.0s		sP	SS	18 53 12.1 -1.1
QIZ	comp-Z,42nm,2.0s		S	SS	18 59 59.6 +4.6
QIZ	comp-Z,42nm,2.0s		SS	SS	19 00 06.0 +3.3
QIZ	comp-Z,290nm,7.2s		PMZ		
QIZ	comp-Z,810nm,21.1s		LN		
QIZ	comp-Z,2µm,19.2s		LZ		
QIZ	Qiongzhang	46.52 60	P	P	18 53 06.2 -0.5
PDGK	Podgornoye	47.22 11	iP	P	18 53 11.8 +0.1
PDGK	comp-Z,27nm,1.1s		pmx	pmx	
MMAI	Mount Meron Ar	47.28 322	P	P	18 53 13.2 +0.7
MMAI	comp-Z,7.1nm,0.8s,baz=119,slow=8.7,SNR=13		LR	LR	19 11 49.0
GYA	Guyang	47.39 49	iP	P	18 53 13.3 -0.2
GYA	comp-Z,1µm,18.6s,baz=140,slow=34		P	P	18 54 54.0 +0.8
GYA	comp-Z,1µm,18.6s,baz=140,slow=34		SS	SS	18 55 05.8 +0.9
GYA	comp-Z,1µm,18.6s,baz=140,slow=34		S	SS	18 58 36.8 -1.2
GYA	comp-Z,1µm,18.6s,baz=140,slow=34		PMZ		19 00 07.9 +0.5
GYA	comp-Z,20nm,0.8s		PMZ		
GYA	comp-Z,120nm,5.0s		LN		

GYA	comp-Z,680nm,18.0s		LE		
GYA	comp-Z,550nm,18.6s		LZ		
CD2	Chengdu	47.86 43	iP	P	18 53 17.3 +0.3
CD2	comp-Z,590nm,18.4s		pP	SS	18 53 19.0 -2.7
CD2	comp-Z,590nm,18.4s		sP	SS	18 53 25.1 -1.6
CD2	comp-Z,590nm,18.4s		SS	SS	18 53 05.8 -3.3
CD2	comp-Z,590nm,18.4s		SS	SS	19 00 14.8 +0.9
CD2	comp-Z,590nm,18.4s		SS	SS	18 53 06.8 -3.7
CD2	comp-Z,590nm,18.4s		SS	SS	19 03 41.0 -1.7
CD2	comp-Z,30nm,0.6s		PMZ		
CD2	comp-Z,150nm,4.8s		LN		
CD2	comp-Z,1µm,17.8s		LE		
CD2	comp-Z,900nm,15.5s		LZ		
CD2	comp-Z,1µm,20.2s		LZ		
GNI	Garni	47.95 336	iP	P	18 53 18.4 +0.7
GNI	Garni	47.95 336	iP	P	18 53 18.3 +0.7
GNI	comp-Z,154nm,1.2s		pmx	pmx	
GNI	Garni	47.95 336	P	P	18 53 19.0 +1.3
GNI	SNR=12				
GNI	Garni	47.95 336	iP	P	18 53 19.2 +1.5
GNI	SNR=7.9				
GNI	Garni	47.95 336	eP	P	18 53 18.7 +1.0
GNI	comp-Z,188nm,1.0s		LR	LR	
BOSA	Boshof	48.05 233	P	P	18 53 17.8 -0.9
BOSA	comp-Z,6.0nm,0.8s,baz=60,slow=8.1,SNR=8.0		LR	LR	19 11 17.0
AGRB	Hanur-Agry	48.21 334	eP	P	18 53 20.0 +0.3
BNGB	Bing'ji	48.80 332	eP	P	18 53 23.8 -0.6
PTK	Pertek	49.34 330	eP	P	18 53 28.6 +0.3
MAK	Makhachkala	49.35 340	eP	P	18 53 27.0 -1.2
MAK	comp-Z,1µm,18.0s,baz=72,slow=33		MAK	MAK	18 55 21.6
MAK	comp-Z,1µm,18.0s,baz=72,slow=33		eS	SS	19 00 32.0 -2.3
MAK	comp-Z,1µm,18.0s,baz=72,slow=33		eSS	SS	19 03 59.9 -6.4
MAK	comp-Z,1µm,18.0s,baz=72,slow=33		SSS	SSS	19 05 25.6
MAK	comp-Z,125nm,1.0s		pmx	pmx	
MAK	comp-Z,125nm,1.0s		MLR	MLR	
MALT	Malatya	49.38 329	eP	P	18 53 30.6 +1.8
MALT	Malatya	49.38 329	eP	P	18 53 30.4 +1.7
KMRS	Kahramanmaras	49.59 327	eP	P	18 53 30.4 +0.3
KDM	Kudat	49.64 78	iP	P	18 53 32.9 -1.7
WMO	Urumqi	49.80 19	P	P	18 53 32.4 +0.7
WMO	comp-Z,2µm,21.0s		sP	SS	18 53 39.8 +1.5
WMO	comp-Z,2µm,21.0s		S	SS	19 00 40.9 0.0
WMO	comp-Z,2µm,21.0s		sS	SS	19 00 45.8 -2.8
WMO	comp-Z,2µm,21.0s		ScS	ScS	19 03 21.1 -2.0
WMO	comp-Z,36nm,1.4s		PMZ		
WMO	comp-Z,150nm,4.0s		PMZ		
WMO	comp-Z,2µm,18.2s		LE		
WMO	comp-Z,1µm,15.8s		LN		
WMO	comp-Z,2µm,21.0s		LN		
CEYT	Ceyhan	49.86 326	eP	P	18 53 26.8 -5.4
KOZT	Kozan	50.15 326	eP	P	18 53 34.1 -0.4
BCA	Borcka	50.34 334	eP	P	18 53 35.3 -0.5
SARI	Sardis-Kayseri	50.51 328	eP	P	18 53 37.7 +0.3
MYLDI	Lahad Datu	51.01 81	eP	P	18 53 39.7 -1.6
MAK2	Makanchi	51.06 12	eP	P	18 53 40.6 -0.5
MAK2	comp-Z,27nm,1.3s				
MK31	Makanchi Array	51.11 13	iP	P	18 53 40.7 -0.9
MK31	comp-Z,24nm,1.1s		pmx	pmx	
MKAR	Makanchi Array	51.11 13	P	P	18 53 40.5 -1.0
MKAR	comp-Z,4.0nm,0.6s		LR	LR	
MKAR	Makanchi Array	51.11 13	P	P	18 53 40.5 -1.0
MKAR	comp-Z,5.3nm,0.8s,baz=189,slow=7.7,SNR=35		LR	LR	19 15 49.6
MKAR	Makanchi Array	51.11 13	eP	P	18 53 40.9 -0.6
MKAR	Makanchi Array	51.11 13	eP	P	18 53 40.9 -0.6
OTUK	Ortay	51.14 4	iP	P	18 53 41.8 +0.1
OTUK	comp-Z,22nm,1.3s		pmx	pmx	
GZH	Guangzhou	51.15 57	eP	P	18 53 46.4 +4.2
GZH	comp-Z,790nm,12.2s		S	SS	19 01 09.0 +8.9
GZH	comp-Z,790nm,12.2s		LN		
GZH	comp-Z,790nm,12.2s		LE		
LZH	Lanzhou	51.23 37	eP	P	18 53 47.6 +4.8
LZH	comp-Z,2µm,18.6s		pP	SS	18 53 50.8 +3.3
LZH	comp-Z,2µm,18.6s		sP	SS	18 53 52.9 +3.5
LZH	comp-Z,2µm,18.6s		PcP	SS	18 54 56.3 -1.7
LZH	comp-Z,2µm,18.6s		eS	SS	19 01 01.0 -0.1
LZH	comp-Z,2µm,18.6s		sS	SS	19 01 07.4 -1.5
LZH	comp-Z,43nm,1.1s		PMZ		
LZH	comp-Z,170nm,4.8s		LN		
LZH	comp-Z,2µm,13.8s		LE		
LZH	comp-Z,1µm,13.6s		LZ		
LZH	comp-Z,2µm,15.8s		LZ		
NCK	Nelchik	51.23 337	eP	P	18 53 43.3 +0.8
GTA	Gaotai	51.28 31	eP	P	18 53 45.3 +2.2
GTA	comp-Z,2µm,15.8s		pP	SS	18 53 49.5 +1.7
GTA	comp-Z,2µm,15.8s		sP	SS	18 53 52.5 +2.9
GTA	comp-Z,2µm,15.8s		PcP	SS	18 54 59.5 +1.4
GTA	comp-Z,2µm,15.8s		S	SS	19 01 04.5 +2.8
GTA	comp-Z,2µm,15.8s		sS	SS	19 01 12.9 +3.4
GTA	comp-Z,2µm,15.8s		SS	SS	19 04 39.3 +1.7
GTA	comp-Z,8.0nm,1.4s		PMZ		
GTA	comp-Z,65nm,5.9s		PMZ		
GTA	comp-Z,820nm,16.1s		LN		
GTA	comp-Z,830nm,15.2s		LE		
GTA	comp-Z,1µm,15.2s		LZ		
SVSK	Karacayir	51.32 329	eP		

16d 18h

Table with columns for station code, name, frequency, and signal strength. Includes stations like VRH, YHNB, GUR, DSF, KLV, etc.

2010 NOV

Table with columns for station code, name, frequency, and signal strength. Includes stations like GZR, AKASG, KIEV, MDRV, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like HIA, SYO, KRLC, MOA, etc.

Table with columns: KIC, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Kosan Boka, Dimbokro, DBIC, etc.

Table with columns: VANDA, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Vanda, VANDA, SBA, etc.

Table with columns: TXAR, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Lajitas Array, IDC 16 18:53:14, etc.

ISK 16 19:37:34.4, 41.04N, 33.72E, h6km, MD3.0
ISC 16 19:37:35.0, 41.03N, 0.03, 33.72E, 0.02, h7km, 5km,
n47, c048/64, Turkey

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

IDC 16 19:51:10.0, 3.3, 11.49N, 43.93E, h0km, mb3.5/4,
mb1 3.5/4, mb1mx3.2/33, mbtmp3.5/4, MS3.0/1, Ms1 3.0/1,
ms1mx2.7/29, Error ellipse: s-maj=82.5km
s-min=18.2km az=162.0, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists seismic stations for the IDC event.

ATH 16 20:05:09.1, 33.64N, 25.16E, h20km, 14km, MD3.6/11
IDC 16 20:05:09.8, 1.2, 33.86N, 25.25E, h0km, mb3.7/8,
mb1 3.8/12, mb1mx3.6/41, mbtmp3.6/12, ML3.9/4, MS3.3/1,
Ms1 3.3/1, ms1mx2.5/50, Error ellipse: s-maj=21.5km
s-min=18.6km az=6.0

ISCJB 16 20:05:10.6, 3.3, 33.76N, 0.03, 25.29E, 0.04, h17km,
mb3.6/8, MS3.2/1, Error ellipse: s-maj=4.6km s-min=3.5km
az=141.8

CSEM 16 20:05:11.4, 0.2, 33.76N, 25.27E, h10km, MD3.6, Error
ellipse: s-maj=6.7km s-min=4.9km az=46.0

HLW 16 20:05:11.5, 33.84N, 25.35E, h19km, 21km, MD3.4, M3.0
ISC 16 20:05:11.8, 0.7, 33.75N, 0.03, 25.34E, 0.05, h17km, n104,
c1520/115, mb3.6/8, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists seismic stations for the ATH and HLW events.

Table with columns: SMG, Samos, 4.13 17 ePn, Pn, 20 06 14.6 +0.5. Lists seismic stations and parameters for the SMG event.

MOS 16 20:06:30.9, 1.1, 5.89S, 130.54E, h61km, mb6.1/40,
MS4.1/7, Error ellipse: s-maj=8.0km s-min=4.7km
az=112.6

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists seismic stations for the MOS event.

Bull 16 20:06:32.6, 6.1, 19S, 130.97E, h104km, mb5.9/84, mb5.5/46
AUST 16 20:06:37.0, 0.6, 5.96S, 130.69E, h104km, 7km, Error
ellipse: s-maj=7.7km s-min=9km az=85.0

GCMT 16 20:06:38.7, 0.1, 5.81S, 130.71E, h128km, MW5.4/116,
Moment Tensor Solution, s100.c166; s116.c230;
Duration: t52 Moment tensor: Scale 1016600000;
Mn:0.81e-02; Mr:1.21e-02; Ms:0.39e-03; Mo:0.06e-02;
Mw:0.70e-02; Mr1:0.02e-02; Best double couple:
M1:6.24000e+107 NP1:0.326000000, 0.666000000,
1.366000000. NP2:0.770000000, 0.851000000, 1.320000000.
Principal axes: T 1.7320, Plg48.00000, Azm285.00000; N
-0.2140, Plg41.00000, Azm122.00000; P -1.5160,
Plg9.00000, Azm24.00000; nst1 refers to body waves,
cutoff=40s. nst2 refers to surface/mantle waves,
cutoff=50s.

NEIC 16 20:06:38.7, 0.5, 5.90S, 130.70E, h119km, 4km, mb5.8/63,
MW5.4 Error ellipse: s-maj=4.8km s-min=3.8km az=22.0,
Moment Tensor Solution, s10 Moment tensor: Scale
1017Nm; Mn:0.17; Mw:0.06; Mo:0.22; Ms:0.85; Mr:1.13;
Mw:0.79; Best double couple: M1:6.00000e+107 NP1:
0.358000000, 0.668000000, 1.153000000. Principal axes:
T 1.8660, Plg35.00000, Azm318.00000; N -0.6300,
Plg55.00000, Azm142.00000; P -1.2200, Plg2.00000,
Azm50.00000.

ISCJB 16 20:06:38.2, 0.3, 5.93S, 0.02, 130.72E, 0.02, h129km, 2km,
mb5.7/13 Error ellipse: s-maj=2.9km s-min=2.7km
az=172.3

IDC 16 20:06:39.6, 0.9, 5.90S, 130.76E, h125km, 7km, mb5.2/25,
mb1 5.2/31, mb1mx3.2/33, mbtmp5.6/31, MS4.1/14,
Ms1 4.1/14, ms1mx3.9/26, Error ellipse: s-maj=11.7km
s-min=8.1km az=68.0

DJA 16 20:06:39.5, 0.1, 6.1S, 131.1E, h133km, 2km, M5.6/148,
mb5.8/148, mb6.0/122, MLv3.1/6, Mw(mb)5.6/122,
Mwp5.5/6

ISC 16 20:06:38.4, 0.3, 5.87S, 0.03, 130.71E, 0.03, h120km, 1km,
h120km, pP-P, n194, c1940/1382, mb5.8/163, 97C-42D,
Ganda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists seismic stations for the MOS, NEIC, and IDC events.

Table with columns: KMPI, Namlea, 4.45 306 P, S, Sn, 20 08 15.6 -1.4. Lists seismic stations and parameters for the KMPI event.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists seismic stations for the KMPI event.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRS, KSCSO, KSGAH, KSMJM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like USRK, MDJ, Mudanjiang, ASAHIKAWA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYBB, DANN, DANGSING, URUV, etc.

KWP	Kalwaria Pacla	106.09 320	U/P	Pdf	20 20 37.4 +0.2
KWP	Kalwaria Pacla	106.09 320	U/P	Pdf	20 20 37.4 +0.2
IDI	Anoyia	106.28 305	eP	PKIKP	20 24 50.3 +0.9
YKA	Yellowknife Ar	106.43 26	PKIKP	PKIKP	20 24 48.9 +0.1
comp=Z,4.2nm,0.6s,baz=110,slow=3.1,SNR=5.2					
YKA				PKKP	20 36 22.9 -0.4
comp=Z,4.4nm,0.8s,baz=106,slow=5.1,SNR=8.8					
UZH	Zshgorod	106.53 319	i/P	Pdf	20 20 39.9 +0.8
DRGR		106.56 317	U/P	Pdf	20 20 39.9 +0.5
DRGR		106.56 317	U/P	Pdf	20 20 39.9 +0.5
GZR	Gura Zlata	106.73 316	U/P	Pdf	20 20 38.1 -2.1
GZR	Gura Zlata	106.73 316	U/P	Pdf	20 20 38.1 -2.1
O3D	Paynes Creek	107.10 50	P	PKIKP	20 24 51.9 +1.0
baz=107					
NIE	Niedzica	107.67 320	eP	Pdf	20 20 44.9 +0.6
NIE					20 24 52.9
NIE	Niedzica	107.67 320	eP	Pdf	20 20 44.9 +0.6
OJC	Ojcow	107.81 321	eP	Pdf	20 20 43.4 -1.4
OJC	Ojcow	107.81 321	eP	Pdf	20 20 43.4 -1.4
HFS	Hagfors	108.31 332	Pdf	Pdf	20 20 45.8 -1.0
comp=Z,4.5nm,0.6s,baz=108,slow=4.8,SNR=19					
C09A	Chrisman Ranch	108.39 42	eP	Pdf	20 20 43.2 -4.2
DIVS	Divisare	108.91 316	i/P	Pdf	20 24 49.9 -0.1
OKC	Ostrava-Krasne	108.94 321	ePKP		20 24 54.8
NB2	NORSAR Subarray	109.33 3	Pdf		20 20 49.1 -1.2
comp=Z,7.6nm,0.9s,baz=98,slow=4.6					
NB2	NORSAR Subarray	109.33 3	Pdf		20 20 49.1 -1.2
baz=88,slow=4.6					
NOA	NORSAR Array B	109.09 333	Pdf		20 20 49.6 -0.7
comp=Z,4.4nm,0.7s,baz=86,slow=4.6,SNR=16					
NOA					20 24 54.1 +0.2
NOA					20 25 23.5 -0.1
comp=Z,4.6nm,0.9s,baz=73,slow=7.3,SNR=6.0					
NOA					20 36 02.1 -1.6
comp=Z,2.8nm,1.0s,baz=69,slow=2.9,SNR=6.4					
MORC	Moravsky Berou	109.33 321	eP	PKIKP	20 24 55.1 +0.4
MORC					20 25 23.0 -2.8
BKD	Bornholm Skovb	109.38 327	i/P	PKIKP	20 25 22.1 -3.7
KSL	Kraliky	109.73 321	eP	PKIKP	20 24 56.7 +1.3
KRLC					20 25 27.6 -1.1
DPC	Dobruska-Polom	109.95 322	eP	PKIKP	20 25 26.5 +1.0
DPC					20 25 29.9 -0.9
NVAR	Minna Array Bea	110.04 51	PKIKP		20 24 57.9 +1.3
comp=Z,1.6nm,0.6s,baz=222,slow=3.0,SNR=5.6					
NVAR					20 25 30.0 -1.5
comp=Z,2.7nm,0.9s,baz=270,slow=6.9,SNR=6.4					
NVAR					20 36 00.6 +0.5
comp=Z,1.3nm,0.6s,baz=117,slow=3.9,SNR=6.3					
NVAR					20 36 11.3 +0.9
UPC	Upice	110.09 322	ePKP	PKIKP	20 24 56.8 +0.8
UPC	Upice	110.09 322	ePKP	PKIKP	20 25 31.1
UPC	Upice	110.09 322	ePKP	PKIKP	20 24 56.8 +0.8
UPC	Upice	110.09 322	ePKP	PKIKP	20 25 31.1 -0.1
CWC	Cottonwood Cre	110.50 53	P	PKIKP	20 24 58.3 +0.8
baz=110					
TREC	Trest	110.75 321	ePKIKP	PKIKP	20 24 58.1 +0.7
TREC	Trest	110.75 321	ePKIKP	PKIKP	20 24 58.1 +0.7
EDW2	Edwards Air Fo	110.79 55	P	PKIKP	20 24 58.9 +1.0
baz=111					
LRMC	Laurel Mountai	110.95 54	P	PKIKP	20 24 59.3 +1.0
PVCC	Panska Ves	110.97 322	ePKIKP	PKIKP	20 24 58.6 +0.9
PVCC					20 25 35.8
PRCC	Panska Ves	110.97 322	ePKIKP	PKIKP	20 24 58.6 +0.9
PRCC					20 25 35.8
GVCC	Grapevine Rang	110.99 53	P	PKIKP	20 24 59.7 +1.5
baz=111					
GOPC	GO Peeny, Ondr	111.02 321	ePKIKP	PKIKP	20 24 58.5 +0.7
GOPC	GO Peeny, Ondr	111.02 321	ePKIKP	PKIKP	20 24 58.5 +0.7
MPMC	Manual Prospe	111.03 54	P	PKIKP	20 24 59.8 +1.3
baz=111					
PRU	Pruhonic	111.15 322	ePKIKP	PKIKP	20 24 58.6 +0.6
PRU					20 25 45.1
PRU	Pruhonic	111.15 322	ePKIKP	PKIKP	20 24 58.6 +0.6
PRU					20 25 45.1 +6.4
BRG	Berggiesshubel	111.25 323	ePKP	Pdf	20 21 00.1 0.0
comp=Z,2.4nm,1.9s					
BRG					20 24 58.5
BRG	Berggiesshubel	111.25 323	eP	Pdf	20 21 00.1 0.0
BRG					20 24 58.5
BRG					20 25 40.6
comp=Z,2.4nm,1.9s					
BRG	Berggiesshubel	111.25 323	eP	Pdf	20 21 00.1 0.0
BRG					20 24 58.5
BRG					20 25 40.6
comp=Z,2.4nm,1.9s					
BRG	Berggiesshubel	111.25 323	ePKP	PKIKP	20 24 58.9 +0.7
baz=195,slow=2.0					
ARSA	Azrbeg	111.27 319	i/P	PKIKP	20 24 58.2 -0.2
comp=Z,1.5nm,1.2s					
CLL	Collim	111.68 323	eP	Pdf	20 21 02.0 0.0
CLL					20 24 59.4
CLL					20 24 59.4
comp=Z,2.0nm,1.0s					
CLL	Collim	111.68 323	ePKP	Pdf	20 24 59.7 +0.7
baz=195,slow=2.0					
CLL	Collim	111.68 323	eP	Pdf	20 21 02.0 0.0
CLL					20 24 59.4 +0.4
comp=Z,2.0nm,1.0s					
CLL					20 25 43.0 +0.5
CLL					20 25 47.8
CLL					20 25 00.9 +1.3
SOKA	Soboth	111.74 318	i/P	PKIKP	20 24 59.4 0.0
comp=Z,1.8nm,1.0s,SNR=5.4					
CHMT	Chamberlain M	111.92 42	ePKP	Pdf	20 24 59.7 -0.2
MOA	Molin	111.93 319	i/P	PKIKP	20 24 58.4 -1.2
comp=Z,1.5nm,1.1s					
HLID	Hailey	111.96 45	P	PKIKP	20 25 01.4 +1.4
HLID	Hailey	111.96 45	ePKP	Pdf	20 25 01.5 +1.4
HLID					20 28 24.6
ELK	Elko	111.97 48	PKP	PKP	20 35 53.3 -0.6
comp=Z,2.0nm,0.8s,baz=93,slow=1.9,SNR=5.0					
ELK					20 36 01.0 -0.8
comp=Z,4.3nm,1.0s,baz=113,slow=3.3,SNR=7.2					
KHC	Kasperske Hory	112.00 321	ePKIKP	PKIKP	20 25 00.0 +0.2
KHC	Kasperske Hory	112.00 321	ePKIKP	PKIKP	20 25 00.0 +0.2
KHC					20 25 17.3 0.0
KHC	Kasperske Hory	112.00 321	ePKP	Pdf	20 24 60.0 +0.2
GE2C	GERESS Array S	112.00 321	ePKP	Pdf	20 25 00.2 +0.4
baz=195,slow=2.0					
GERES	GERESS Array B	112.00 321	Pdf	Pdf	20 21 03.7 0.0
comp=Z,0.8nm,0.8s,baz=70,slow=4.4,SNR=5.0					
GERES					20 24 59.9 +0.1
comp=Z,1.5nm,0.7s,baz=67,slow=1.7,SNR=7.8					
GERES					20 25 49.0 +3.9
comp=Z,2.7nm,1.1s,baz=92,slow=6.9,SNR=5.7					
GERES					20 28 22.8 -1.7
comp=Z,2.2nm,0.8s,baz=79,slow=1.8,SNR=7.1					
HEC	Hector Ludlow	112.15 55	P	PKIKP	20 25 01.5 +1.0
baz=112					
R11A	Troy Canyon, C	112.16 51	P	PKIKP	20 25 01.7 +1.1
baz=112					
PFO	Pinyon Flat Ob	112.22 56	ePKIKP	PKIKP	20 25 02.3 +1.6
PFO	Pinyon Flat Ob	112.22 56	eP	PKIKP	20 25 02.3 +1.6
TANN	Tannenbergs	112.29 322	ePKP	Pdf	20 25 00.8 +0.5
baz=195,slow=2.0					
BSEG	Bad Segeberg	112.30 327	ePKP	PKIKP	20 25 01.3 +1.2
baz=195,slow=2.0					
MONP	Monument Peak	112.34 57	P	PKIKP	20 25 02.2 +1.0
baz=112					
WET	Wetzell	112.43 321	ePKP	Pdf	20 25 01.1 +0.5
baz=195,slow=2.0					
BELC	Belle Mtn. Jos	112.54 56	P	PKIKP	20 25 02.7 +1.3
baz=112					
MYKA	Terra Mystica	112.68 318	i/P	PKIKP	20 25 00.6 -0.6
comp=Z,3.4nm,0.8s					
MOX	Moxa	112.72 323	ePKP	Pdf	20 25 01.6 +0.6
baz=195,slow=2.0					
RJOB	Jochberg	112.91 320	ePKP	Pdf	20 25 01.4 -0.1
baz=195,slow=2.0					
NRDL	Niedersach Rie	112.96 325	ePKP	Pdf	20 25 02.8 +1.5
baz=195,slow=2.0					
SUMG	Summit	113.03 356	i/P	PKIKP	20 25 02.4 +0.9
SUMG					20 25 02.4 +0.9
comp=Z,1.2nm,0.9s					
SUMG	Summit	113.03 356	i/P	PKIKP	20 25 02.4 +0.9
comp=Z,1.2nm,0.9s					
SUMG	Summit	113.03 356	i/P	PKIKP	20 36 02.8 -8.7

BC3	Big Chucackwal	113.04 56	P	PKIKP	20 25 03.0 +0.7
baz=113					
CLZ	Clausthal	113.04 324	ePKP	Pdf	20 25 02.5 +0.8
baz=195,slow=2.0					
SCM	Scoresbyund	113.12 350	i/P	SP	20 35 12.8 -1.2
IRCO	Iron Mountain	113.21 55	P	PKIKP	20 25 03.3 +0.8
baz=113					
GRF	Grafenberg Arr	113.28 52	ePKP	Pdf	20 25 02.8 +0.6
baz=195,slow=2.0					
BOZ	Bosch (W)	113.35 43	P	PKIKP	20 25 03.4 +0.8
baz=113					
GTGG	Gvtlingen	113.39 324	ePKP	Pdf	20 25 03.1 +0.8
baz=195,slow=2.0					
ABTA	Abtersbach	113.39 319	i/P	PKIKP	20 25 01.9 -0.6
comp=Z,3.6nm,0.8s,SNR=16					
FUR	Furstenfeldbru	113.75 320	ePKP	Pdf	20 25 03.7 +0.6
baz=195,slow=2.0					
WTTA	Wattenberg	113.80 319	i/P	PKIKP	20 25 03.7 +0.3
comp=Z,6.1nm,0.5s,SNR=21					
WATA	Walderalm	113.82 320	i/P	PKIKP	20 25 03.1 -0.4
comp=Z,2.4nm,0.8s,SNR=9.0					
EGMT	Eagleton	113.86 40	P	PKIKP	20 25 04.2 +0.8
EGMT	Eagleton	113.86 40	eP	PKIKP	20 25 04.7 +1.3
DUG	Dugway	113.89 49	ePKIKP	PKIKP	20 25 04.1 +0.3
DUG	Dugway	113.89 49	eP	PKIKP	20 25 04.5 +0.7
baz=114					
PDG	Parker Dam,Lak	114.01 55	P	PKIKP	20 25 04.1 +0.3
baz=114					
MOTA	Moosalm	114.12 320	i/P	PKIKP	20 25 03.8 -0.2
comp=Z,5.6nm,1.1s,SNR=25					
RETA	Retz	114.30 320	i/P	PKIKP	20 25 04.2 0.0
comp=Z,1.1nm,0.6s					
IBBN	Ibbenburg	114.36 326	ePKP	Pdf	20 25 04.9 +0.8
baz=195,slow=2.0					
FETA	Feichten	114.47 319	i/P	PKIKP	20 25 04.9 +0.2
comp=Z,9nm,1.0s,SNR=6.5					
HWUT	Hardware Ranch	114.47 47	eP	PKIKP	20 25 05.9 +1.0
REDW	Red Top Meadow	114.52 45	ePKP	Pdf	20 25 06.1 +1.1
REDW					20 25 29.1 -0.5
comp=Z,9nm,1.0s,SNR=6.5					
RKDW	Reno Snow King Moun	114.56 45	ePKP	Pdf	20 25 06.3 +1.2
LOHW	Long Hollow	114.62 45	ePKP	Pdf	20 25 06.3 +1.1
MSU	Marysvalde	114.75 50	ePKP	Pdf	20 25 06.3 +0.7
MSU	Marysvalde	114.75 50	ePKP	Pdf	20 25 06.3 +0.7
TNS	Taurus Mts	114.77 323	ePKP	Pdf	20 25 05.8 +0.7
baz=195,slow=2.0					
STU	Stueta	114.85 322	ePKP	Pdf	20 25 05.8 +0.7
baz=195,slow=2.0					
DAVA	Damuels	114.93 320	i/P	PKIKP	20 25 05.9 +0.3
comp=Z,7.1nm,1.1s,SNR=13					
BLMT	Boulder-Linver	114.98 325	ePKP	Pdf	20 25 06.0 +0.7
baz=195,slow=2.0					
RUG	Red Lodge	115.09 43	P	PKIKP	20 25 07.2 +1.2
baz=115					
TUE	Stueta	115.55 319	ePKP	Pdf	20 25 06.3 -0.5
BW0E	Boulder Array	115.59 45	eP	PKIKP	20 25 07.9 +0.8
PDAR	Pinedale Array	115.60 45	PKP	PKIKP	20 25 07.8 +0.7
comp=Z,3.5nm,0.7s,baz=218,slow=1.2,SNR=17					
PDAR					20 28 30.2 -1.5
PDAR					20 35 45.8 0.0
comp=Z,2.8nm,0.6s,baz=112,slow=6.5,SNR=13					
PDAR					20 39 13.0 -4.1
comp=Z,0.9nm,0.8s,baz=93,slow=3.6,SNR=4.1					
WUJZ	Wupatki	116.02 53	P	PKP	20 25 09.4 +1.4
baz=116					
MEM	Membach	116.05 324	PKP	PKP	20 25 07.0 -0.4
WLF	Walferdange	116.35 323	PKP	PKP	20 25 08.4 +0.4
WLF	Walferdange	116.35 323	ePKP	Pdf	20 25 09.2 +1.2
baz=195,slow=2.0					
BCLA	Clavier	116.54 324	PKP	PKP	20 25 08.9 +0.6
LAO	LASA Array	116.57 40	P	PKP	20 25 10.2 +1.6
baz=117					
LAO	LASA Array	116.57 40	ePKP	Pdf	20 25 09.6 +1.0
LAO					20 25 49.5 +0.9
DOUR	Dourbes	117.09 324	PKP	PKP	20 25 10.2 +0.8
SNF	Senefte	117.09 325	PKP	PKP	20 25 11.8 +1.6
TUC	Tucson	117.13 57	ePKIKP	PKIKP	20 25 11.8 +1.6
TUC	Tucson	117.13 57	eP	PKIKP	20 25 10.9 +1.2
DGMT	Dagmar	117.16 38	P	PKP	20 25 11.7 +1.3
baz=117					
O20A	White River Ci	117.29 4			

16d 20h

133A	Coleman	123.70	40	P	PKPdf	20 25 22.7 +0.4
TXAR	Lajitas Array	123.74	59	PKP	PKPdf	20 25 23.9 +1.0
TXAR	comp=Z, 4.8nm, 0.8s, baz=243, slow=1.4, SNR=2				SKPbc	20 28 23.8
TXAR	comp=Z, 4.4nm, 1.2s, baz=191, slow=1.3, SNR=5				PKKpbc	20 35 11.2 +0.2
TXAR	comp=Z, 1.9nm, 0.9s, baz=116, slow=5.8, SNR=8.8				PKKpbc	20 25 24.0 +1.0
R30A	Dighton	123.74	47	P	PKIKP	20 25 23.5 +0.8
F34A	Alexandria	123.80	37	P	PKPdf	20 25 22.5 +0.1
D35A	Remer	123.84	35	P	PKPdf	20 25 22.6 +0.1
S30A	Montezuma	123.84	48	P	PKPdf	20 25 23.8 +0.9
G34A	Benson	123.85	38	P	PKPdf	20 25 23.4 +0.8
E35A	Pequot Lakes	123.91	36	P	PKPdf	20 25 23.0 +0.3
P31A	Stockton	123.92	46	P	PKPdf	20 25 23.6 +0.6
R28A	U Block 9, Go	123.93	55	P	PKPdf	20 25 23.9 +0.6
CBK5	Cedar Bluff	123.94	47	P	PKPdf	20 25 23.9 +0.8
J33A	Davis	123.94	41	P	PKPdf	20 25 22.8 0.0
ECSD	EROS Data Cent	123.97	40	P	PKPdf	20 25 23.3 +0.4
ECSD	EROS Data Cent	123.97	40	ePKPdf	PKPdf	20 25 22.6 -0.3
ECSD					eSKP	20 26 02.7
ECSD					eSKP	20 26 02.7
BGNE	Belgrade	124.00	43	P	PKPdf	20 25 23.3 +0.3
BGNE	Belgrade	124.00	43	ePKPdf	PKPdf	20 25 22.8 -0.2
T30A	Plains	124.00	49	P	PKPdf	20 25 24.5 +1.3
H34A	Spellman Lake	124.05	39	P	PKPdf	20 25 24.0 +1.1
U30A	WK&E Inc. Balk	124.09	49	P	PKPdf	20 25 24.8 +1.4
A36A	Pine Crest Far	124.16	34	P	PKPdf	20 25 22.9 -0.2
F35A	Swanville	124.18	37	P	PKPdf	20 25 23.1 -0.1
R31A	Burdett	124.29	47	P	PKPdf	20 25 24.5 +0.8
D36A	Goodland	124.30	35	P	PKPdf	20 25 23.2 -0.2
O34A	Hadley	124.30	39	P	PKPdf	20 25 24.3 +0.8
Z29A	Hungry Hill Ra	124.32	54	P	PKPdf	20 25 25.0 +1.0
V30A	Spur Ranch, Mi	124.32	50	P	PKPdf	20 25 25.5 +1.6
129A	Stewart Farms	124.38	54	P	PKPdf	20 25 24.7 +0.6
O32A	Brockman Farm	124.40	44	P	PKPdf	20 25 24.3 +0.5
P32A	Huitt Farm	124.43	45	P	PKPdf	20 25 24.3 +0.4
C37A	Embarrass	124.54	34	P	PKPdf	20 25 23.8 0.0
G35A	Watkins	124.56	38	P	PKPdf	20 25 24.8 +0.8
S31A	Mullinville	124.57	48	P	PKPdf	20 25 24.8 +0.5
M33A	Taylor Creek F	124.58	43	P	PKPdf	20 25 23.8 -0.3
329A	Wagon Wheel Ra	124.60	56	P	PKPdf	20 25 25.3 +0.7
E36A	McGregor	124.60	36	P	PKPdf	20 25 23.8 -0.2
J34A	George	124.60	40	P	PKPdf	20 25 23.9 -0.2
229A	Bryant Ranch	124.61	55	P	PKPdf	20 25 25.3 +0.8
X30A	Coker Ranch, T	124.61	52	P	PKPdf	20 25 24.9 +0.5
H35A	Sunnyside Ranc	124.62	38	P	PKPdf	20 25 24.6 +0.5
T31A	Randall Ranch	124.62	48	P	PKPdf	20 25 25.0 +0.7
TAM	Tamarrasset	124.62	294	ePKIKP	PKPdf	20 25 25.6 +0.7
TAM	Tamarrasset	124.62	294	ePKIKP	PKPdf	20 25 25.6 +0.7
Q32A	Mettler Ranch	124.72	46	P	PKPdf	20 25 25.1 +0.6
D37A	Cotton	124.72	35	P	PKPdf	20 25 24.3 +0.1
NRS	Narsarsuaq	124.75	358	ePKIKP	PKPdf	20 25 23.2 -0.6
NRS	Narsarsuaq	124.75	358	iP	PKPdf	20 25 23.2 -0.6
529A	Stev Forest Ra	124.77	57	P	PKPdf	20 25 25.6 +0.7
Y30A	Stafford Cattl	124.77	53	P	PKPdf	20 25 25.9 +1.1
Z30A	Sanderson Ranc	124.77	53	P	PKPdf	20 25 24.8 0.0
EYMN	Ely	124.79	33	P	PKPdf	20 25 24.5 +0.2
EYMN	Ely	124.79	33	ePKPdf	PKPdf	20 25 24.3 0.0
K34A	Le Mars	124.80	41	P	PKPdf	20 25 24.7 +0.2
F36A	Milaca	124.80	36	P	PKPdf	20 25 24.4 0.0
R32A	Long Quarter	124.83	47	P	PKPdf	20 25 25.9 +1.2
429A	Davenport Ranc	124.91	57	P	PKPdf	20 25 25.9 +0.7
I35A	Creekview Farm	124.94	39	P	PKPdf	20 25 25.1 +0.4
O33A	Hebron	124.96	44	P	PKPdf	20 25 25.0 +0.1
V31A	Sprine Creek L	124.97	50	P	PKPdf	20 25 26.7 +1.6
G36A	St. Michael	125.00	37	P	PKPdf	20 25 25.6 +0.8
J35A	Milford	125.04	40	P	PKPdf	20 25 25.0 +0.1
C38A	Sawbill Land	125.05	33	P	PKPdf	20 25 24.6 -0.2
W31A	Holland Ranch	125.09	51	P	PKPdf	20 25 26.3 +1.0
130A	Snyder	125.11	54	P	PKPdf	20 25 26.4 +0.9
P33A	Williams Farm	125.15	45	P	PKPdf	20 25 26.3 +1.0
T32A	Huddler Ranch	125.15	48	P	PKPdf	20 25 26.3 +0.9
230A	Sterling City	125.20	55	P	PKPdf	20 25 26.3 +0.6
Q33A	Connelly Farm	125.23	46	P	PKPdf	20 25 25.9 +0.5
H36A	Jessenland, He	125.23	38	P	PKPdf	20 25 26.7 +1.4
Y31A	Rekieta Farm	125.25	52	P	PKPdf	20 25 26.1 +0.5
X31A	McDonald Ranch	125.25	51	P	PKPdf	20 25 26.2 +0.6
330A	Mertzow	125.29	56	P	PKPdf	20 25 26.3 +0.5
R33A	Olander Ranch	125.40	46	P	PKPdf	20 25 26.8 +1.0
430A	Baggett Ranch	125.41	56	P	PKPdf	20 25 27.0 +0.9
L35A	Blowell Farm, R	125.43	41	P	PKPdf	20 25 26.3 +0.6
I36A	Fitzsimmons Fa	125.47	39	P	PKPdf	20 25 26.5 +0.8
530A	J-O Ranch, Com	125.50	57	P	PKPdf	20 25 27.0 +0.7
O34A	Beatrice	125.53	44	P	PKPdf	20 25 26.0 0.0
Z31A	Sharp Cattle R	125.55	53	P	PKPdf	20 25 26.7 +0.4
SPMN	St. Paul	125.57	37	P	PKPdf	20 25 26.3 +0.4
SPMN	St. Paul	125.57	37	ePKPdf	PKPdf	20 25 26.1 +0.2
V32A	Arapaho	125.59	50	P	PKPdf	20 25 27.5 +1.3
C39A	Grand Marais	125.61	33	P	PKPdf	20 25 25.9 +0.1
J36A	Seneca 1, Swea	125.61	39	P	PKPdf	20 25 26.4 +0.3
M35A	Neola	125.62	42	P	PKPdf	20 25 26.4 +0.3
W32A	Sentinel	125.65	51	P	PKPdf	20 25 27.4 +1.0

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S33A	Kaszaul Farm	125.67	47	P	PKPdf	20 25 27.4 +1.1
T34A	Patterson Ranc	125.69	48	P	PKPdf	20 25 27.3 +0.9
P34A	Watson Farm, R	125.71	45	P	PKPdf	20 25 27.0 +0.6
Z31A	Bronze	125.83	55	P	PKPdf	20 25 27.1 +0.3
H37A	Dierke Farm, C	125.85	37	P	PKPdf	20 25 26.8 +0.4
I37A	Lemond, Waseca	125.85	38	P	PKPdf	20 25 27.2 +0.7
X32A	Elmer	125.86	51	P	PKPdf	20 25 27.3 +0.5
Y32A	R-V Farms, Ver	125.88	52	P	PKPdf	20 25 27.3 +0.5
K36A	Gilmore City	125.88	40	P	PKPdf	20 25 27.0 +0.4
Q34A	Chapman	125.89	45	P	PKPdf	20 25 27.3 +0.6
331A	San Angelo	125.93	55	P	PKPdf	20 25 27.8 +0.8
R34A	Isabella, Hill	125.93	46	P	PKPdf	20 25 27.3 +0.4
431A	Sonora	125.96	56	P	PKPdf	20 25 27.9 +0.7
ZAIG	Zacatecas	126.02	66	ePKPdf	PKPdf	20 25 29.6 +1.8
ZAIG					PKPdf	20 26 09.9
U33A	Lingo Farm, Me	126.03	49	P	PKPdf	20 25 28.1 +1.1
KSU1	Kansas State U	126.05	45	P	PKPdf	20 25 27.7 +0.7
KSU1	Kansas State U	126.05	45	ePKPdf	PKPdf	20 25 27.6 +0.6
Z32A	Haskell	126.08	53	P	PKPdf	20 25 28.3 +1.1
J37A	Redenius Farm	126.12	39	P	PKPdf	20 25 27.5 +0.5
V33A	Lossen Ranch	126.13	49	P	PKPdf	20 25 28.2 +0.9
WMOK	Wichita Mounta	126.14	51	ePKIKP	PKPdf	20 25 27.8 +0.4
WMOK	Wichita Mounta	126.14	51	ePKPdf	PKPdf	20 25 27.8 +0.4
WMOK					PKPdf	20 26 07.4
531A	Rocksprings	126.15	57	P	PKPdf	20 25 28.0 +0.5
ABTX	Ablene, Hawle	126.17	54	P	PKPdf	20 25 28.4 +0.9
S34A	Willow Spring	126.28	47	P	PKPdf	20 25 27.9 +0.4
P35A	Duane Minner	126.28	44	P	PKPdf	20 25 27.9 +0.5
631A	Perdido Creek	126.33	58	P	PKPdf	20 25 28.7 +0.9
K37A	Belmond	126.34	40	P	PKPdf	20 25 27.6 +0.2
Z32A	Coleman	126.39	54	P	PKPdf	20 25 28.8 +0.9
X33A	Lawton	126.43	51	P	PKPdf	20 25 28.6 +0.7
U34A	Anderson Ranch	126.46	48	P	PKPdf	20 25 29.2 +1.3
U34A	Anderson Ranch	126.46	48	ePKPdf	PKPdf	20 25 27.7 -0.1
U34A					PKPdf	20 26 07.6
332A	Millersview	126.47	55	P	PKPdf	20 25 28.8 +0.8
T34A	McClaskey Farm	126.49	48	P	PKPdf	20 25 28.6 +0.7
I38A	Scanlan Farm	126.49	38	P	PKPdf	20 25 28.2 +0.5
Y33A	Hilltop Ranch	126.52	52	P	PKPdf	20 25 29.2 +1.1
Q35A	Mercer Eighty	126.56	45	P	PKPdf	20 25 28.4 +0.5
432A	Menard	126.58	56	P	PKPdf	20 25 29.2 +0.9
Z33A	Whitaker Ranch	126.65	53	P	PKPdf	20 25 29.0 +0.7
R35A	Emporia Municip	126.67	46	P	PKPdf	20 25 29.2 +1.0
JCT	Junction City	126.68	56	ePKIKP	PKPdf	20 25 29.1 +0.6
JCT	Junction City	126.68	56	PKPdf	PKPdf	20 25 29.4 +0.9
JCT	Junction City	126.68	56	ePKPdf	PKPdf	20 25 29.1 +0.6
JCT					PKPdf	20 26 09.1
532A	Rocksprings	126.70	57	P	PKPdf	20 25 28.9 +0.3
V34A	Guthrie	126.70	49	P	PKPdf	20 25 29.3 +0.9
V34A	Guthrie	126.70	49	ePKPdf	PKPdf	20 25 29.0 +0.6
V34A					PKPdf	20 26 08.3
W34A	Bridge Creek	126.73	50	P	PKPdf	20 25 28.9 +1.4
O36A	Bolkow	126.74	43	P	PKPdf	20 25 28.9 +0.6
M37A	Trindle Farm	126.74	41	P	PKPdf	20 25 29.3 +1.0
133A	Hamilton Ranch	126.75	53	P	PKPdf	20 25 29.7 +1.2
J38A	Wedel Dairy, R	126.78	39	P	PKPdf	20 25 28.3 +0.1
P36A	Good Intent, A	126.80	44	P	PKPdf	20 25 28.5 +0.1
S35A	Otter Creek Ra	126.86	47	P	PKPdf	20 25 29.1 +0.6
Q36A	Arnold C. Orve	126.92	45	P	PKPdf	20 25 29.3 +0.6
X34A	Smith Ranch, M	126.92	51	P	PKPdf	20 25 30.1 +1.2
K38A	Parkersburg	126.95	39	P	PKPdf	20 25 28.8 +0.2
N37A	Lee Faris, Mou	126.95	42	P	PKPdf	20 25 29.0 +0.4
Z33A	Rising Star	126.95	54	P	PKPdf	20 25 30.0 +1.0
632A	Uvalde	126.97	57	P	PKPdf	20 25 30.2 +1.1
732A	Laxson Ranch	127.03	58	P	PKPdf	20 25 30.3 +1.1
U3						

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KSH, MMTAI, MDT, ASAF, ULM, etc.

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

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

ISCJB 16 22:06:18.2, 0.4, 5.69N, 0.03E, 127.14E, 0.05, h50km, mb4, 1/16, MS3.0/3, Error ellipse: s-maj=7.5km

IDC 16 22:17:15.2, 1.1, 22.00S, 170.12E, h0km, mb3.8/6, m1 4.0/7, mb1mx3.8/40, mbtmp3.9/7, ML3.8/1, MS3.0/3, Ms1 2.0/3, ms1mx2.7/22, Error ellipse: s-maj=41.5km

ISCJB 16 23:46:08.9.0.5, 23.89N, 0.03: 122.59E, 0.02, h16km, 5km, Error ellipse: s-maj=5.4km s-min=2.4km az=167.4 TAP 16 23:46:09.9.23.96N, 122.56E, h26km, 1km, ML3.0, D JMA 16 23:46:09.4.0.1, 23.98N, 122.55E, h23km, M2.6 ISC 16 23:46:08.7.1.4, 23.92N, 0.04: 122.58E, 0.02, h17km, 10km, n32, c067/55, Taiwan region

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

ISCJB 16 23:58:01.9.0.8, 29.43S, 0.04: 69.49W, 0.04, h123km, 9km, Error ellipse: s-maj=7.1km s-min=5.5km az=15.0 GUC 16 23:58:02.6.0.5, 29.40S, 69.61W, h125km, 14km, ML3.7 SJA 16 23:58:03.1.0.5, 29.53S, 69.31W, h128km, 3km, ML3.5, MW3.7

ISC 16 23:58:01.7.1.8, 29.43S, 0.05: 69.49W, 0.04, h130km, 16km, n19, c087/27, 1C-ID, Chile-Argentina border region

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

ISCJB 16 23:59:40.4.0.4, 76.87N, 0.03: 18.3E, 0.2, h10km, mb3.4/2, MS2.9/2, Error ellipse: s-maj=5.9km s-min=3.6km az=147.4 CSEM 16 23:59:41.5.0.2, 76.90N, 18.23E, h10km, ML3.3, Error ellipse: s-maj=6.6km s-min=3.2km az=59.0 NAO 16 23:59:42.4.1.0, 76.88N, 18.19E, h13km, 10km, ML3.6 IDC 16 23:59:42.8.0.9, 76.96N, 17.69E, h0km, mb3.5/2, mb1.3/6, mb1mx3.3/5, mbtm3.6/5, ML2.9/3, MS3.0/2, Ms1.3/0.2, ms1mx2.4/47, Error ellipse: s-maj=33.8km

s-min=7.8km az=74.0 BER 16 23:59:43.7.1.7, 76.93N, 18.24E, h6km, 10km, MD2.4, ML3.3, ML3.6(NAO) ISC 16 23:59:42.8.0.7, 76.89N, 0.04: 18.11E, 0.06, h10km, n29, c127/38, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for Svalbard region.

IDC 17 00:12:50.8.2.5, 7.47S, 127.84E, h99km, 23km, mb3.9/13, mb1.4/0.16, mb1mx3.8/5, mbtm4.3/16, Error ellipse: s-maj=33.5km s-min=12.2km az=74.0 NEIC 17 00:12:55.0.8.7, 5.5S, 127.59E, h133km, 6km, mb4.6/17, Error ellipse: s-maj=8.9km s-min=5.5km az=57.0 DJA 17 00:12:59.7.0.5, 8.4S, 127.8E, h78km, 36km, M4.8/11, mb4.7/10, mb5.3/5, MLV4.9/11, Mw(MB)4.7/5 ISC 17 00:12:55.1.0.4, 7.71S, 0.05: 127.87E, 0.05, h142km, n73, c212/76, mb3.4/21, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for Banda Sea region.

Table with columns: SBUM, Sibu, Az, Phase ID, Time, Res, ISC. Lists seismic stations for Sibu region.

NIED 17 00:16:00.42.00N, 142.60E, h59km, Mw4.2 Best double couple: M2.48000x10^15 NP1:204.00000, 227.00000, 184.00000, NP2:31.00000, 863.00000, 193.00000, BUJ 17 00:16:01.4, 41.73N, 142.71E, h64km, mb4.6/12, mb4.8/6, Ms4.6/2, Ms7.4/2.2 ISCJB 17 00:16:04.7.0.3, 42.08N, 0.03: 142.54E, 0.03, h68km, 2km, mb4.2/43, Error ellipse: s-maj=9.8km s-min=3.7km az=140.0 MOS 17 00:16:04.6.0.9, 42.10N, 142.54E, h70km, mb4.5/21, Error ellipse: s-maj=9.8km s-min=5.9km az=94.9 JMA 17 00:16:05.1.0.2, 42.03N, 142.60E, h63km, 2km, M4.0 Broadband fault plane solution: P waves. NP1: 0.15, 0.00000, 0.68, 0.00000, 0.87, 0.00000. NP2: 0.20, 0.00000, 0.82, 0.00000, 0.97, 0.00000. Principal axes: T P1667.00000, P16280.00000, N P1630.00000, Azm16.00000; P P1623.00000, Azm17.00000; JMA Felt 1/1 IDC 17 00:16:06.7.1.7, 42.11N, 142.54E, h72km, 13km, mb3.9/27, mb1.4/0.21, mb1mx3.6/6, mbtm4.2/31, MS3.1/12, MS1.3/1/2, ms1mx2.9/32, Error ellipse: s-maj=14.4km s-min=10.5km az=129.0 NEIC 17 00:16:06.9.0.7, 42.16N, 142.64E, h73km, 7km, mb4.7/11, MW4.2(NIED), Error ellipse: s-maj=11.9km s-min=7.8km az=137.0 NEIC Recorded [1 JMA] in southern Hokkaido. ISC 17 00:16:05.0.6, 42.04N, 0.04: 142.56E, 0.03, h60km, 5km, n139, c180/145, mb3.4/34, MS3.1/7, 7C-8D, Hokkaido region

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

17d 1h

BDFB	Brasilia	24.88 56 P	P	01 22 10.8 -0.2
BDFB	comp-Z,15nm,0.9s,baz=215,slow=7.8,SNR=15			
BDFB	comp-Z,8.1nm,0.8s,baz=201,slow=7.8,SNR=4.2			
SDV	Santo Domingo	39.99 358 P	P	01 24 21.5 -0.8
VNA3	Neumayer Olymp	50.99 159 P	P	01 25 48.3 +0.1
VNA1	Neumayer-Stat	51.26 158 P	P	01 25 51.0 +0.9
VNA2	Neumayer-Watz	51.61 158 P	P	01 25 53.0 +0.2
SNAA	Sanae	53.21 159 P	P	01 26 03.7 -1.0
SNAA	Sanae	53.21 159 P	P	01 26 04.5 -0.2
SNAA	Sanae	53.21 159 eP	P	01 26 03.5 -1.2
QSPA	South Pole Qui	58.92 180 eP	P	01 26 45.7 +0.2
035A	Encino	64.13 331 P	P	01 27 51.9 +2.5
034A	Hebbronville	64.48 331 P	P	01 27 54.3 +2.5
933A	Laredo	65.21 331 P	P	01 27 58.6 +2.0
835A	Beeville	65.22 332 P	P	01 27 59.2 +2.6
834A	Tilden	65.37 332 P	P	01 27 60.0 +2.4
736A	Circle Diamond	65.52 333 P	P	01 28 01.3 +2.8
637A	Eagle Lake	65.67 334 P	P	01 28 02.1 +2.6
833A	Chaparral WMA	65.89 331 P	P	01 28 03.1 +2.1
636A	Smothers Creek	65.98 334 P	P	01 28 03.0 +1.5
832A	Faith Ranch, C	66.09 330 P	P	01 28 03.5 +1.2
635A	Leesville	66.18 333 P	P	01 28 04.1 +1.3
VBMS	Vicksburg	66.31 340 P	P	01 28 04.6 +1.1
439A	Center Grove,	66.34 336 P	P	01 28 05.8 +2.0
732A	Laxson Ranch,	66.48 331 P	P	01 28 06.1 +1.3
536A	Bastrop	66.52 334 P	P	01 28 06.7 +1.7
438A	Sam Houston St	66.55 336 P	P	01 28 06.6 +1.4
340A	Bronson	66.61 337 P	P	01 28 07.1 +1.6
339A	Huntington	66.76 337 P	P	01 28 08.0 +1.5
633A	Saathoff Ranch	66.80 332 P	P	01 28 08.3 +1.5
534A	Blanco	67.02 333 P	P	01 28 09.7 +1.4
338A	Crockett	67.04 336 P	P	01 28 10.0 +1.7
KMSC	Kings Mountain	67.07 349 P	P	01 28 08.7 +0.3
632A	Uvalde	67.09 331 P	P	01 28 10.2 +1.5
VNDA	Vanda	67.18 191 P	P	01 27 41.0 +1.3
337A	Centerville	67.21 335 P	P	01 28 11.4 +2.1
533A	Kerrville	67.28 332 P	P	01 28 11.4 +1.4
631A	Perdido Creek	67.33 331 P	P	01 28 11.5 +1.2
239A	Gary	67.36 337 P	P	01 28 11.6 +1.3
238A	Jacksonville	67.56 336 P	P	01 28 13.0 +1.4
336A	Riesel	67.62 335 P	P	01 28 13.5 +1.5
434A	Burns	67.64 333 P	P	01 28 13.3 +1.1
532A	Rocksprings	67.68 331 P	P	01 28 13.5 +1.0
237A	Washetta, Mont	67.80 336 P	P	01 28 14.7 +1.5
433A	Art	67.91 332 P	P	01 28 14.7 +0.8
CPCT	Cooper Cave	67.94 347 eP	P	01 27 43.9 -0.9
JCT	Junction City	67.95 332 P	P	01 28 15.7 +1.5
531A	Rocksprings	67.98 331 P	P	01 28 15.9 +1.5
SWET	Sewane	68.00 345 eP	P	01 27 42.6 -2.8
236A	Katherine and	68.06 335 P	P	01 28 16.0 +1.2
334A	Lometa	68.09 333 P	P	01 28 15.9 +0.8
432A	Menard	68.30 332 P	P	01 28 17.6 +1.2
530A	J-C Ranch, Com	68.30 330 P	P	01 28 18.0 +1.6
137A	Heron Place, G	68.32 336 P	P	01 28 18.3 +1.9
333A	Richland Sprin	68.37 333 P	P	01 28 17.9 +1.1
WHTX	Lake Whitney	68.39 334 P	P	01 28 17.9 +1.0
431A	Sonora	68.46 331 P	P	01 28 18.7 +1.2
136A	Ennis	68.48 335 P	P	01 28 18.5 +1.1
TXAR	Lajitas Array	68.62 328 P	P	01 27 50.4 +1.0
TXAR	comp-Z,0.7nm,0.8s,baz=150,slow=8.8,SNR=9.7			
234A	Clairette	68.65 334 P	P	01 28 19.1 +0.6
529A	Stev Forest Ra	68.66 330 P	P	01 28 19.6 +0.9
Z38A	Mt. Pleasant	68.66 337 P	P	01 28 19.2 +0.7
332A	Millersview	68.72 332 P	P	01 28 20.3 +1.3
430A	Baggett Ranch,	68.81 331 P	P	01 28 21.2 +1.5
135A	Vickery Place,	68.88 335 P	P	01 28 21.2 +1.2
331A	San Angelo	68.93 332 P	P	01 28 21.6 +1.2
429A	Davenport Ranc	68.95 330 P	P	01 28 21.6 +1.1
233A	Rising Star	68.95 333 P	P	01 28 21.6 +1.1
Y39A	Lockesburg	69.00 338 P	P	01 28 22.0 +1.4
232A	Coleman	69.13 333 P	P	01 28 22.3 +0.8
WVT	Waverly	69.31 344 eP	P	01 27 53.1 -0.3
WVT	comp-Z,2.7nm,0.9s			
330A	Mertzon	69.33 331 P	P	01 28 24.1 +1.2
MIAR	Mount Ida	69.39 339 P	P	01 28 23.9 +0.8
231A	Bronte	69.44 332 P	P	01 28 24.8 +1.3
133A	Hamilton Ranch	69.49 334 P	P	01 28 25.2 +1.4
Z35A	Perchaven, San	69.52 335 P	P	01 28 25.4 +1.5
230A	Sterling City	69.72 331 P	P	01 28 26.4 +1.1
329A	Wagon Wheel Ra	69.73 331 P	P	01 28 26.8 +1.4
ABTX	Abilene, Hawle	69.78 333 P	P	01 28 26.7 +1.1
ABTX	Abilene, Hawle	69.78 333 eP	P	01 27 57.0 +0.6
Z34A	Collier Ranch,	69.79 335 P	P	01 28 26.7 +1.1
X38A	Whitesboro	69.91 338 P	P	01 28 27.5 +1.2
Y35A	Marietta	69.96 336 P	P	01 28 28.0 +1.4
X37A	Clayton	70.01 337 P	P	01 28 28.1 +1.2

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Z33A	Whitaker Ranch	70.03 334 P	P	01 28 28.3 +1.2
229A	Bryant Ranch,	70.08 331 P	P	01 28 29.0 +1.5
131A	Roby	70.12 332 P	P	01 28 29.0 +1.3
W38A	Poteau	70.17 338 P	P	01 28 29.3 +1.4
Y34A	Reagan Ranch,	70.26 335 P	P	01 28 29.6 +1.1
130A	Snyder	70.28 332 P	P	01 28 29.8 +1.1
Z32A	Haskell	70.32 333 P	P	01 28 30.0 +1.1
X36A	Centrahoma	70.32 336 P	P	01 28 29.6 +0.7
W37A	Quinton	70.53 337 P	P	01 28 30.6 +0.5
228A	UT Block 9, Go	70.54 330 P	P	01 28 31.6 +1.3
Z31A	Sharp Cattle R	70.59 333 P	P	01 28 31.3 +0.7
Y33A	Hiltop Ranch,	70.62 334 P	P	01 28 31.4 +0.6
129A	Stewart Farms,	70.68 331 P	P	01 28 32.2 +1.0
W36A	Wetumka	70.80 337 P	P	01 28 32.1 +0.3
V38A	Canehill	70.87 339 P	P	01 28 32.4 +0.2
X34A	Smith Ranch, M	70.87 335 P	P	01 28 33.3 +1.1
Y32A	R-V Farms, Ver	70.92 334 P	P	01 28 33.2 +0.6
128A	Castleberry Fa	70.93 331 P	P	01 28 33.5 +0.7
Z30A	Sanderson Ranc	70.95 332 P	P	01 28 33.8 +1.0
W35A	Tecumseh	71.03 336 P	P	01 28 33.6 +0.4
V37A	Hubert	71.12 338 P	P	01 28 34.3 +0.6
Z29A	Hungry Hill Ra	71.16 332 P	P	01 28 35.2 +1.0
Y31A	Rekieta Farm,	71.20 333 P	P	01 28 35.3 +1.0
V36A	Jenks	71.29 337 P	P	01 28 35.2 +0.4
TUL1	Tulsa	71.36 337 P	P	01 28 35.5 +0.4
TUL1	Tulsa	71.36 337 eP	P	01 28 05.9 0.0
U38A	Gravette	71.39 339 P	P	01 28 35.8 +0.4
MNTX	Cornudas Mount	71.40 328 P	P	01 28 36.4 +0.8
MNTX	Cornudas Mount	71.40 328 eP	P	01 28 06.2 -0.1
MNTX	Meyer Ranch, C	71.57 337 eP	P	01 28 35.3 -0.3
U37A	Salina	71.59 338 P	P	01 28 37.0 +0.5
W33A	Padgett, Fort Co	71.59 335 P	P	01 28 37.8 +1.2
LIC	Lamto	71.68 71 eP	P	01 28 08.4 +0.1
X31A	McDonald Ranch	71.69 334 P	P	01 28 38.2 +0.9
W32A	Sentinel	71.85 334 P	P	01 28 38.9 +0.7
V34A	Guthrie	71.87 336 P	P	01 28 39.0 +0.7
TIC	Toumudi	71.93 70 eP	P	01 28 10.0 +0.1
KIC	Kosan Boka	71.99 71 eP	P	01 28 10.4 +0.2
CCM	Cathedral Cave	71.99 342 eP	P	01 28 09.1 -0.5
CCM	Dimbokro	72.08 70 eP	P	01 28 39.6 +0.6
DBIC	comp-Z,7.3nm,0.8s,baz=204,slow=7.1,SNR=2.7			
DBIC	comp-Z,3.1nm,0.6s,baz=193,slow=10,SNR=2.6			
U35A	Pawnee	72.08 337 P	P	01 28 40.1 +0.6
V33A	Lossen Ranch,	72.12 336 P	P	01 28 40.8 +0.9
T37A	Cheneyville 18	72.19 339 P	P	01 28 40.8 +0.7
MSTX	Muleshoe	72.21 331 P	P	01 28 41.1 +0.5
MSTX	Muleshoe	72.21 331 eP	P	01 28 11.8 +0.6
MSTX	Arapaho	72.31 335 eP	P	01 28 41.3 +0.7
U34A	Anderson Ranch	72.42 336 P	P	01 28 41.9 +0.4
T36A	Boggs Farm, Ca	72.43 338 P	P	01 28 42.5 +0.9
T35A	Sooner Cattle	72.51 337 P	P	01 28 42.9 +0.8
AMTX	Amarillo	72.57 332 P	P	01 28 43.8 +1.2
V31A	Spring Creek L	72.65 334 P	P	01 28 44.9 +1.8
S37A	Fort Scott	72.74 339 P	P	01 28 44.3 +0.8
T34A	McClaskey Farm	72.83 337 P	P	01 28 45.0 +0.9
U32A	Winter Ranch,	72.88 335 P	P	01 28 45.4 +1.0
S36A	Lake Cedric, C	72.95 338 P	P	01 28 45.4 +0.7
V30A	Spur Ranch, Mi	72.95 334 P	P	01 28 46.5 +1.6
S35A	Otter Creek Ra	73.14 338 P	P	01 28 46.5 +0.6
121A	Cookes Peak, D	73.21 327 P	P	01 28 48.1 +1.5
121A	Cookes Peak, D	73.21 327 eP	P	01 28 17.5 +0.3
121A	Scholer Farm	73.22 346 eP	P	01 28 46.2 0.0
T33A	Patterson Ranc	73.24 336 P	P	01 28 47.5 +1.0
R37A	Teagarden Farm	73.25 339 P	P	01 28 47.0 +0.5
U30A	Huddler Ranch,	73.57 336 P	P	01 28 49.5 +1.1
T32A	WK&E Inc. Balk	73.62 334 P	P	01 28 49.9 +1.1
R35A	Emporia Munci	73.69 338 P	P	01 28 50.0 +0.8
HDIL	Hopedale	73.87 344 P	P	01 28 50.6 +0.5
R34A	Isabella, Hill	74.01 337 P	P	01 28 52.3 +1.3
Q35A	Mercer Eighty,	74.13 339 P	P	01 28 52.7 +1.1
S31A	Mullinville	74.16 335 P	P	01 28 53.2 +1.2
R33A	Olander Ranch,	74.26 337 P	P	01 28 53.7 +1.2
T29A	Hugoton	74.41 334 P	P	01 28 55.1 +1.6
LAZ	Ladron	74.47 328 eP	P	01 28 25.7 +1.2
R32A	Long Quarter	74.61 336 P	P	01 28 55.0 +1.9
P35A	Duane Minner,	74.73 339 P	P	01 28 56.2 +0.9
S29A	Ulysses	74.75 334 P	P	01 28 56.8 +1.3
R31A	Burdett	74.77 336 P	P	01 28 56.6 +1.1
Q33A	Connelly Farm,	74.83 337 P	P	01 28 56.5 +0.7
O36A	Boickow	74.97 340 P	P	01 28 57.1 +0.5
P34A	Walnut Farm, R	75.00 338 P	P	01 28 57.4 +0.6
S28A	Mantler	75.02 334 P	P	01 28 57.6 +0.6
R30A	Dighton	75.04 335 P	P	01 28 57.8 +0.8
Q32A	Mettler Ranch,	75.07 337 P	P	01 28 57.9 +0.7

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MAW	Mawson	75.07 163 P	P	01 28 27.4 +0.1
MAW	comp-Z,6.2nm,0.8s,baz=222,slow=6.5,SNR=13			
N38A	Joess South For	75.09 341 P	P	01 28 57.7 +0.4
214A	Organ Pipe Nat	75.23 323 P	P	01 29 00.9 +2.5
CBKS	Cedar Bluff	75.32 336 P	P	01 28 59.6 +1.0
N37A	Lee Faris, Mou	75.33 341 P	P	01 28 59.2 +0.6
Q31A	Ellis	75.37 336 P	P	01 29 00.0 +1.1
O35A	Humboldt	75.38 339 P	P	01 28 59.6 +0.7
R29A	Marienthal	75.47 335 P	P	01 29 00.7 +1.0
O34A	Beatrice	75.54 339 P	P	01 29 00.7 +0.8
T25A	Trinidad	75.62 332 P	P	01 29 01.9 +1.2

Mining induced.
VIE 17 01:48:37.8.0.4, 49.64N:19.01E, h0km, mb2.6/2, m2.9/3,
Error ellipse: s-maj=3.1km s-min=2.5km az=143.0,

Suspected Mining induced.
ISC 17 01:48:34.2.0.6, 50.08N:0.02:19.13E:0.01, h0km, n90,

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

Table with columns: DRGR, CLM, CLL, SIRR, BURAR, BZAS, GZR, LOT, AKASO, NACGM, HFS, NOA, FINES, FINES, ARCES, etc.

SKHL 17 01:55:11.8.0.9, 46.00N:148.79E, h186km, 10km, mb4.4/4,
msh5.0/3, 1C, Northwest of Kuril Islands

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

ISCJBJ 17 01:56:56.9.0.4, 32.47N:0.04:115.63W, h0km, 6km,
Error ellipse: s-maj=6.4km s-min=4.5km az=30.6

MEX 17 01:56:56.8.0.8, 32.59N:115.47W, h5km, 119km, MD3.6
ECX 17 01:56:57.0.0.3, 32.50N:115.62W, h4km, MD2.4, ML2.6

ISC 17 01:56:56.7.1.0, 32.47N:0.03:115.62W, h0km, 9km,
n19, c0523/27, 6C-4D, California-Baja California border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGL, CPBX, ERPC, WESC, etc.

MEX 17 02:37:51.1.0.4, 16.18N:98.00W, h7km, 5km, MD3.7, Near
coast of Guerrero

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

GUC 17 02:38:42.0.0.6, 33.55S:73.21W, h32km, 6km, ML3.2
ISC 17 02:38:42.9.3.9, 33.64S:0.10:73.1W:0.22, h6km, n15,

c073/20, 1C-1D, Off coast of central Chile

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

Table with columns: RTLL, AMO, MOGNA, AGUA, VCA, etc.

comp=Z, 5.6nm, 0.3s

IDC 17 02:41:07.8.2.1, 56.22S:29.38W, h0km, mb3.6/1,
mb1 3.6/1, mb1mx3.4/16, mbmt3.6/1, MS3.2/1, Ms1 3.1/1,

ms1mx2.7/15, Error ellipse: s-maj=14.2km
s-min=7.4km az=144.0, South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA3, SNA2, etc.

ISCJBJ 17 02:42:26.3.0.7, 6.75S:0.06:129.5E:0.1, h139km,
mb3.5/2, Error ellipse: s-maj=18.0km s-min=8.4km az=2.5

IDC 17 02:42:26.6.2.8, 6.82S:129.56E, h132km, 35km, mb3.5/2,
mb1 3.6/6, mb1mx3.2/31, mbtpr3.9/6, MS2.8/1, Ms1 2.8/1,

ms1mx2.3/24, Error ellipse: s-maj=63.9km s-min=20.3km
az=90.0

AUST 17 02:42:29.6.6.98S:130.04E, h100km
ISC 17 02:42:25.8.0.8, 6.85S:0.07:129.6E:0.2, h139km, n14,

c274/12, Banda Sea

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

ISCJBJ 17 03:02:42.2.0.7, 45.75S:0.1:96.4E:0.3, h10km, mb3.9/8,
MS3.6/13, Error ellipse: s-maj=30.6km s-min=13.3km

az=28.6

IDC 17 03:02:42.8.0.9, 45.72S:96.51E, h0km, mb4.0/8,
mb1 4.1/8, mb1mx3.8/34, mbtpr3.9/8, MS3.6/13,

Ms1 3.5/13, ms1mx3.3/36, Error ellipse: s-maj=37.5km
s-min=17.6km az=116.0

ISC 17 03:02:44.1.0.8, 45.75S:0.1:96.5E:0.2, h10km, n26,
c055/13, mb3.9/8, MS3.5/13, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W2, H01W3, MAW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNSS, T0106, NRCA, etc.

ISCJB 17 03:25:24.3:0.5,50.13N:01.04:19.00E:0.03,h0km,Error ellipse: s-maj=5.6km s-min=2.3km az=14.1

Main table for 865 containing station data for various locations like Chorow, Ojcow, Ostrava-Krasne, etc.

ISCJB 17 03:32:15.6:1.0,11.8N:01.43:98E:0.09,h10km, mb4.0/12,MS3.2/9,Error ellipse: s-maj=23.2km

Main table for 865 containing station data for various locations like ATD, ATD, ATD, etc.

ISCJB 17 03:40:44.3:1.1,15.66S:174.13W,h99km,39km,mb3.4/3, s-maj=3.7km s-min=3.32km mbtmp3.8/4,Error ellipse: s-maj=174.1km s-min=26.6km az=142.0,Tonga Islands

Main table for 865 containing station data for various locations like AFI, WRA, ASAR, etc.

BRTR Keskin Array B 145.91 320 PKPbc PKPbc 04 00 12.9 0.0

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

AWI 17 03:59:26.2,58.97S:307.73W NEIC 17 03:59:50.7:1.1,59.37S:28.14W,h278km,10km,mb4.4/9, Error ellipse: s-maj=10.9km s-min=7.8km az=222.0

Main table for 2010 NOV containing station data for various locations like HOPE, VNA1, VNA3, etc.

ISCJB 17 03:59:52.0:1.4,59.33S:28.18W,h284km,12km,mb3.8/12, mb1.3/14,mb1mx3.8/19,mbtmp4.5/14,Error ellipse: s-maj=11.5km s-min=9.8km az=222.0

Main table for 2010 NOV containing station data for various locations like GSPA, QSPA, PLCA, MAW, MAW, etc.

ISCJB 17 04:31:22.3:0.5,37.84N:02.37:40E:0.04,h6km,7km, Error ellipse: s-maj=5.4km s-min=4.2km az=34.1

Main table for 2010 NOV containing station data for various locations like VVND, VVND, VVND, etc.

ISCJB 17 04:37:10.4:0.2,28.48N:03.94:06E:0.03,h10km, mb4.5/6,MS3.6/18,Error ellipse: s-maj=4.5km s-min=3.4km az=163.0

Main table for 2010 NOV containing station data for various locations like GSAI, GSAI, GSAI, etc.

ISCJB 17 04:37:12.4:1.0,28.52N:94.17E,h24km,mb4.7/16,Error ellipse: s-maj=10.6km s-min=5.2km az=118.2

Main table for 2010 NOV containing station data for various locations like GSAI, GSAI, GSAI, etc.

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

ROM 17 04:14:58.8:0.2,42.75N:12.89E,h6km,6km,Md1.6/3, M11.7/1,Error ellipse: s-maj=1.5km s-min=0.6km

Main table for 17d 4h containing station data for various locations like LNSS, NRCA, CESI, etc.

ISCJB 17 04:28:45.4:7.5,20.02S:177.50W,h0km,mb3.5/3, mb1.3/8,mb1mx3.6/37,mbtmp3.5/3,Error ellipse: s-maj=328.4km s-min=3.7km az=145.0,Fiji Islands

Main table for 17d 4h containing station data for various locations like ASAR, WRA, ILAR, etc.

ISCJB 17 04:31:22.3:0.5,37.84N:02.37:40E:0.04,h6km,7km, Error ellipse: s-maj=5.4km s-min=4.2km az=34.1

Main table for 17d 4h containing station data for various locations like GCAM, GCAM, GCAM, etc.

ISCJB 17 04:34:06.2:0.9,47.5S:128.8E,h18km,5km,M3.6/9, MLV3.6/9,Seram

Main table for 17d 4h containing station data for various locations like MSAI, MSAI, MSAI, etc.

ISCJB 17 04:37:12.4:1.0,28.48N:03.94:06E:0.03,h10km, mb4.5/6,MS3.6/18,Error ellipse: s-maj=4.5km s-min=3.4km az=163.0

Main table for 17d 4h containing station data for various locations like LSA, LSA, LSA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

DDA 17 05:08:40.8, 37.16N, 30.54E, h7km, Md2.9
ISK 17 05:08:40.8, 37.21N, 30.44E, h5km, MD2.9
ISCJB 17 05:08:42.1, 0.5, 37.18N, 0.03, 30.50E, 0.04, h6km, 6km,
Error ellipse: s-maj=6.1km s-min=4.1km az=23.1
CSEM 17 05:08:42.0, 0.2, 37.21N, 30.43E, h2km, MD2.9, Error
ellipse: s-maj=4.0km s-min=3.4km az=117.0
ISC 17 05:08:41.6, 1.0, 37.19N, 0.02, 30.52E, 0.03, h8km, 9km,
n39, a076/50, Turkey

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

CSEM 17 05:11:33.7, 0.4, 50.31N, 19.03E, h1km, Error ellipse:
s-maj=10.5km s-min=4.5km az=6.0
PRU 17 05:11:35.5, 50.20N, 19.03E, h0km, Poland

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

IDC 17 05:51:45.2, 0.7, 53.29N, 170.84E, h0km, mb3.5/4,
mb1 3.7/5, mb1mx3.4/37, mbtmp3.5/5, ML3.1/1, MS2.8/1,
Ms1 2.8/1, ms1mx2.1/40, Error ellipse: s-maj=69.5km
s-min=30.2km az=1.0, Near Islands

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

IDC 17 05:52:51.0, 18.0, 18.88S, 177.43W, h488km, 160km,
mb2.4/3, mb1 2.7/3, mb1mx2.6/24, mbtmp3.3/3, Error
ellipse: s-maj=331.6km s-min=62.4km az=141.0, Fiji
Islands region

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

IDC 17 06:12:43.2, 1.6, 2.19S, 140.15E, h0km, mb3.6/3,
mb1 3.9/4, mb1mx3.5/33, mbtmp3.6/4, ML3.7/1, Error
ellipse: s-maj=26.1km s-min=11.4km az=22.0, Near
north coast of Irian Jaya

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

ISCJB 17 06:36:08.4, 0.7, 12.0N, 0.1, 44.06E, 0.07, h4km, mb3.8/16,
MS3.6/23, Error ellipse: s-maj=16.1km s-min=8.1km
az=152.3

IDC 17 06:36:09.5, 0.9, 11.97N, 44.09E, h0km, mb3.9/15,
mb1 4.0/15, mb1mx3.8/59, mbtmp3.9/15, MS3.6/26,
Ms1 3.6/26, ms1mx3.4/46, Error ellipse: s-maj=22.1km
s-min=16.7km az=170.0

ISC 17 06:36:07.0, 0.8, 11.93N, 0.1, 44.04E, 0.09, h4km, n36,
a136/20, mb3.8/16, MS3.7/23, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, FURI Furi, KMBR Kilima Mbogo, etc.

GERES GERES Array B 44.64 332 P
0.5nm, 0.5s, baz=96, slow=5.5, SNR=6.2

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

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

ISK 17 06:47:36.9, 37.38N, 29.24E, h13km, MD2.9
ISCJB 17 06:47:37.5, 0.4, 37.39N, 0.02, 29.21E, 0.04, h14km, 5km,
Error ellipse: s-maj=5.2km s-min=4.0km az=177.7
DDA 17 06:47:37.7, 37.48N, 29.35E, h7km, Md2.7
CSEM 17 06:47:37.3, 0.2, 37.41N, 29.23E, h15km, MD2.7, Error
ellipse: s-maj=6.6km s-min=3.3km az=89.0
ISC 17 06:47:37.0, 0.9, 37.42N, 0.02, 29.22E, 0.03, h16km, 8km,
n27, a103/43, Turkey

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

ISCJB 17 06:51:36.8, 0.1, 47.315N, 0.009, 7.24E, 0.01, h13km,
Error ellipse: s-maj=1.5km s-min=1.2km az=40.5
CSEM 17 06:51:38.0, 0.1, 47.32N, 7.29E, h17km, 1km, ML3.1/24,
Error ellipse: s-maj=2.0km s-min=1.7km az=140.0
LDG 17 06:51:38.7, 0.1, 47.32N, 7.33E, h10km, Md3.1/4, M13.1/38,
Error ellipse: s-maj=1.3km s-min=0.9km az=137.0
BGR 17 06:51:38.1, 0.7, 47.33N, 7.29E, h10km, ML2.9/7, Error
ellipse: s-maj=6.7km s-min=6km az=75.0
STR 17 06:51:38.6, 0.1, 47.33N, 7.34E, h10km, M12.9, Error
ellipse: s-maj=0.3km s-min=0.0km az=0.0
ZUR 17 06:51:38.9, 47.33N, 7.33E, h18km, ML2.8/21
GEN 17 06:51:40.4, 47.22N, 7.20E, h25km, ML2.5
ROM 17 06:51:40.3, 0.3, 47.26N, 7.35E, h10km, M12.4/2, Error
ellipse: s-maj=5.0km s-min=1.5km az=170.0
PRU 17 06:51:40.1, 47.38N, 7.36E, h0km
ISC 17 06:51:38.6, 0.3, 47.304N, 0.010, 7.391E, 0.009, h13km,
n225, a1848/330, 24C-16D, Switzerland

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

Table with columns: ZUR, Degeneried, 0.81, 85, P, Pg, 06 51 55.0 +0.7, CIRO, Champorcher, 1.71 176, P, Pn, 06 52 08.5 +0.2, FRF, 2.5nm,0.4s, eSn, Sn, 06 53 17.1 -3.8

Table with columns: CIRO, Champorcher, 1.71 176, P, Pn, 06 52 08.5 +0.2, FRF, 2.5nm,0.4s, eSn, Sn, 06 53 17.1 -3.8

Table with columns: FRF, 2.5nm,0.4s, eSn, Sn, 06 53 17.1 -3.8, LASF, Ste Croix, 4.07 219, ePn, Pn, 06 52 38.2 -2.3

JSCJB 17 07:14:06.2 0.5, 32.33N, 0.04:115.32W, 0.05, h13km, 6km, Error ellipse: s-maj=7.7km s-min=5.0km az=145.5

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time Res, h m s, ISC, Pn, 07 14 09.2 +0.4

JSCJB 17 07:39:07.1 0.6, 8.4S, 0.1:158.6E, 0.1, h111km, mb3.9/9, Error ellipse: s-maj=19.0km s-min=10.4km az=36.9

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time Res, h m s, ISC, Pn, 07 39 37.7 +0.9

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like AHML Horco Molle, PB10 IPOC Station P, PB04 IPOC Station P, etc.

SJA 17 10:40:40.9, 0.4, 24:10S:66:68W, h224km, 4km, ML2.7, MW2.9

ISCJB 17 10:40:42.3, 0.5, 24:12S:01:06:66E, h200km, mb3.1/1, Error ellipse: s-maj=9.5km s-min=4.9km az=33.3

IDC 17 10:40:43.7, 4.0, 23:99S:66:66W, h201km, 29km, mb3.0/1, mb1.3/1.3, mb1mx3.0/22, mbtmp3.5/3, Error ellipse: s-maj=58.5km s-min=23.5km az=51.0

GUC 17 10:40:44.0, 0.3, 23:84S:67:31W, h249km, 6km, ML4.6

ISC 17 10:40:42.6, 0.9, 24:09S:07:66:82W, 0.06, h200km, n18, r154/27, 2C-10, Salta Province

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like SLA San Lorenzo, HJA Humahuaca, ASTB Santa Barbara, etc.

MOS 17 11:17:23.8, 1.4, 55:12N:160:16E, h14km, mb4.1/4, Error ellipse: s-maj=19.3km s-min=4.5km az=80.4

KRSC 17 11:17:23.1, 0.6, 55:11N:160:22E, h-2km, 4km, ML4.2

IDC 17 11:17:30.3, 3.4, 54:36N:160:15E, h61km, 33km, mb3.5/9, mb1.3/7.10, mb1mx3.4/40, mbtmp3.7/10, ML2.2/1, MS3.2/3, Ms1.3/2.3, ms1mx2.7/31, Error ellipse: s-maj=27.2km s-min=19.9km az=178.0

ISC 17 11:17:23.9, 0.9, 55:13N:0:02:160:22E, 0:04, h6km, 6km, n72, r199/108, mb3.8/9, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like KZV Kizimen, KMNR Kamenistaya, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like CIRR Tsirik, CIRR Tsirik, CIRR Esso, etc.

PET comp=Z, 122nm, 0.7s MLR MLR

PETK comp=E, 1um, 12.0s Petropavlovsk- 2.51 217 P Pn 11 18 05.6 +0.3

PETK comp=E, 2.9nm, 0.3s, baz=58, slow=15, SNR=32

APC Apacha 2.85 221 eP S 11 18 11.9 +2.0

APC Apacha 2.85 221 P S 11 18 11.9 +2.0

RUS Russkaya 2.89 201 P S 11 18 10.0 -0.4

RUS Russkaya 2.89 201 P S 11 18 10.0 -0.4

ASAK Asacha 3.08 208 eP Pn 11 18 15.8 +2.8

SKR Severo-Kuril's 5.10 211 ePN Pn 11 18 37.5 -3.3

MA2 Magadan 6.78 315 LR LR 11 21 52.9

ASAJ Asahikawa 15.62 233 LR LR 11 27 20.1

H1N2 WAKE ISLAND Hy 35.70 169 T T 12 01 43.6

H1N3 WAKE ISLAND Hy 35.72 169 T T 12 01 45.3

H1N1 WAKE ISLAND Hy 35.72 169 T T 12 01 45.0

MKAN Makanchi Array 47.36 294 P Pn 11 25 58.1 -0.3

BVAR Borovoye Array 49.20 307 P P 11 26 12.6 +0.2

BVAR Borovoye Array 49.20 307 P P 11 26 12.6 +0.2

NVAR Mina Array Bea 55.00 71 P P 11 26 56.8 +0.8

PDAR Pinedale Array 56.48 62 P P 11 27 06.5 -0.2

FINES FINESS Array B 58.29 336 P P 11 27 20.1 +1.4

FINES FINESS Array B 58.29 336 P P 11 27 20.1 +1.4

TXAR Lajitas Array 69.78 68 P P 11 28 34.9 -0.1

TXAR Lajitas Array 69.78 68 P P 11 28 34.9 -0.1

BRW Keskin Array B 75.10 320 P P 11 29 06.7 +0.1

WRA Warramunga Arr 77.97 205 P P 11 29 20.8 -1.9

WRA Warramunga Arr 77.97 205 P P 11 29 20.8 -1.9

ASAR Alice Springs 81.65 204 P P 11 29 39.8 -2.9

NEIC 17 11:20:27.7, 18:54N:67:38W, h18km, MD2.9(RSPR), After RSPR

RSPR 17 11:20:27.7, 18:54N:67:38W, h18km, MD2.9/10, 14C-8D, Mona Passage

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like IDE Isla Desecho, IDE Isla Desecho, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like SJG San Juan, SJG San Juan, SDDN Samana, DR, etc.

IDC 17 11:21:53.2, 1.1, 0:27N:126:27E, h0km, mb3.6/6, mb1.3/7.6, mb1mx3.5/30, mbtmp3.6/6, Error ellipse: s-maj=102.1km s-min=20.6km az=70.0

ISCJB 17 11:21:57.6, 0.9, 0:1N:0:21:26:00E, 0.5, h47km, mb3.6/6, Error ellipse: s-maj=81.7km s-min=18.9km az=160.0

ISC 17 11:21:59.4, 1.2, 0:20N:0:3:126:1E, 0.6, h47km, n6, r144/6, mb3.6/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

MEX 17 11:35:42.3, 0.3, 13:16N:91:11W, h8km, 243km, MD3.8, Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like CCIG Comitan, CCIG Suao, etc.

TAP 17 11:36:05.9, 24:40N:121:83E, h13km, ML3.7, B JMA 17 11:36:05.4, 0.1, 24:34N:121:76E, h31km, 2km, M3.4

ISC 17 11:36:05.7, 0.9, 24:40N:0:02:121:36E, 0:02, h12km, 6km, n55, r063/89, 8C-7D, Taiwan

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res, ISC. Includes stations like ENA Nanau, EHP Heping Village, etc.

WHP baz=217 0.21 357.17 P P 11 36 12.3 +0.6

TWC baz=14 0.21 357.17 P P 11 36 10.8 -0.6

ENTT baz=14 0.36 312.17 P P 11 36 13.3 -0.7

ENTT baz=315 0.36 312.17 P P 11 36 17.6 -0.1

TWE Neicheng 0.36 331.17 P P 11 36 13.5 -0.6

TWE baz=337 0.36 331.17 P P 11 36 18.1 -0.2

ILA ilan 0.38 344 eP P 11 36 14.0 -0.3

ILA baz=342 0.38 344 eP P 11 36 19.3 -0.8

TWD Chiawan 0.40 217.17 P P 11 36 13.7 0.0

TWD baz=213 0.40 217.17 P P 11 36 19.0 0.0

NNS Nan Shan 0.45 275.17 P P 11 36 14.5 0.0

NNS baz=275 0.45 275.17 P P 11 36 20.0 -0.5

HWA Hwalien 0.48 209 eP P 11 36 14.7 -0.5

NSK Sanguang 0.53 301.17 P P 11 36 16.4 -0.6

NSK baz=303 0.53 301.17 P P 11 36 23.3 -0.1

WHF Hehuan Shan 0.60 245.17 P P 11 36 17.4 -0.1

WHF baz=243 0.60 245.17 P P 11 36 25.3 -0.3

TWB1 Santiao Chiao 0.61 11 iP P 11 36 18.2 -0.1

TWB1 baz=14 0.61 11 iP P 11 36 26.2 +0.3

TWA Mucha 0.63 337.17 P P 11 36 18.8 +0.2

TWA baz=328 0.63 337.17 P P 11 36 26.7 -0.7

TWT Tachien 0.64 257 P P 11 36 18.8 -0.1

TWT baz=249 0.64 257 P P 11 36 27.1 -0.8

NWF Wu-fen Shan 0.67 354.17 P P 11 36 19.8 +0.4

NWF baz=347 0.67 354.17 P P 11 36 28.5 -0.2

ESL Shilin 0.70 214 P P 11 36 19.1 -0.3

ESL baz=220 0.70 214 P P 11 36 28.8 +0.1

TAP1 0.70 334 P P 11 36 20.4 -1.0

TAP1 baz=336 0.70 334 P P 11 36 29.1 -0.5

TAP2 0.71 333 eP P 11 36 20.5 -1.0

TAP2 baz=336 0.71 333 eP P 11 36 29.5 -0.2

TWS1 Kuangyinshan 0.80 330 P P 11 36 22.6 -0.4

TWS1 baz=332 0.80 330 P P 11 36 34.4 -0.2

NSTT Nanjuang 0.81 286.17 P P 11 36 22.0 +0.2

NSTT baz=287 0.81 286.17 P P 11 36 32.5 -0.2

NCU National Cent 0.83 313 P P 11 36 23.2 0.0

NCU baz=308 0.83 313 P P 11 36 36.2 +0.8

HSN Hsinchu 0.90 296 eP P 11 36 23.9 -0.2

HSN baz=294 0.90 296 eP P 11 36 37.3 +0.2

WDT Danda 0.92 226.17 P P 11 36 23.2 -0.4

WDT baz=225 0.92 226.17 P P 11 36 35.7 0.0

JYNG Yonagunijimaku 0.99 87 P P 11 36 24.4 -0.4

JYNG baz=294 0.99 87 P P 11 36 38.4 +0.6

TWQ1 Liyutan 0.99 267 eP P 11 36 25.8 +0.4

TWQ1 baz=266 0.99 267 eP P 11 36 35.8 +0.4

NSY 1.00 271 eP P 11 36 26.4 +0.9

NSY baz=271 1.00 271 eP P 11 36 40.1 +0.5

SMLT San Mon Lake 1.02 240.17 P P 11 36 25.2 -0.1

SMLT baz=239 1.02 240.17 P P 11 36 38.3 -0.4

EHY Hungye 1.02 209 P P 11 36 24.8 -0.5

EHY baz=239 1.02 209 P P 11 36 25.6 -0.4

TYC Yuchr 1.04 242.17 P P 11 36 39.2 -0.1

TYC baz=241 1.04 242.17 P P 11 36 39.2 -0.1

YOJ Yonaguni jima 1.05 87 P P 11 36 25.8 0.0

YOJ baz=241 1.05 87 P P 11 36 40.2 +0.5

YOJ Yonaguni jima 1.05 87 eP P 11 36 26.2 0.0

YOJ baz=74 1.05 87 eP P 11 36 40.5 -0.2

TCU Taichung 1.11 257 eP P 11 36 28.1 +1.0

TCU baz=255 1.11 257 eP P 11 36 27.7 -0.1

TWF1 Yuli 1.17 206 eP P 11 36 27.7 -0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WNT Mingjian, YUS Yu-Shan, PCYT Pengchayiu, ALS Alishan, CHNS Tsauling, etc.

ISCJB 17 11:40:01.3, 0.8, 36.5N; 0.1, 87.4E; 0.1, h10km, mb3.3/5, MS3.1/6, Error ellipse: s-maj=18.5km s-min=12.6km az=140.7

IDC 17 11:40:02.0, 0.9, 36.51N; 87.57E, h0km, mb3.4/7, mb1 3.6/1, mb1mx3.5/33, mbtmp3.5/11, ML3.2/4, MS3.1/9, Ms1 3.2/9, ms1mx3.2/31, Error ellipse: s-maj=29.3km s-min=15.2km az=51.0

BJI 17 11:40:05.0, 36.72N; 87.43E, h17km, mb3.9/1, ML3.9/6, ISC 17 11:40:03.4, 0.9, 36.6N; 0.1, 87.6E; 0.1, h10km, n17, c183B/11, mb3.4/5, MS3.2/6, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KSH Kashi, MKAR Makanchi Array, AAK Ala-Archa, etc.

ISCJB 17 11:54:46.8, 0.8, 18.85N; 0.10, 145.5E; 0.2, h214km, mb3.5/9, Error ellipse: s-maj=28.4km s-min=13.5km az=179.3

IDC 17 11:54:49.0, 7.1, 18.85N; 145.54E, h222km, 70km, mb3.3/9, mb1 3.5/10, mb1mx3.3/44, mbtmp3.8/10, Error ellipse: s-maj=35.5km s-min=12.1km az=90.0

ISC 17 11:54:48.4, 0.9, 18.8N; 0.1, 145.6E; 0.2, h214km, n16, c159/12, mb3.4/9, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MJAR Matsushiro Arr, H1S3 WAKE ISLAND Hy, H1H1 WAKE ISLAND Hy, etc.

IDC 17 12:00:01.0, 3.2, 3.44S; 99.78E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.6/29, mbtmp3.8/6, Error ellipse: s-maj=127.8km s-min=20.9km az=57.0, Southwest of Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

IDC 17 12:16:21.0, 3.3, 4.56N; 126.59E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/39, mbtmp3.4/3, MS2.6/1, Ms1 2.6/1, ms1mx2.2/20, Error ellipse: s-maj=185.3km s-min=29.5km az=60.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SJUI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 17 12:29:55.6, 1.7, 2.04S; 139.07E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/27, mbtmp3.8/5, ML4.0/1, Error ellipse: s-maj=38.0km s-min=30.2km az=77.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

SJA 17 12:31:33.6, 0.5, 31.24S; 68.96W, h104km, 2km, ML2.7, MW3.0, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RTLL Cerro Villucio, SJA San Juan, AMOG MOGNA, etc.

AGUA GUANDACOL 1.79 13 i P Pn 12 32 05.2 +1.3

BUL 17 12:35:41.5, 2.3, 25.91S; 30.78E, h0km, 400km, MD3.6, IDC 17 12:35:42.8, 2.5, 26.00S; 29.50E, h0km, mb3.3/1, mb1 3.3/6, mb1mx3.2/32, mbtmp3.4/6, ML2.6/4, Error ellipse: s-maj=28.6km s-min=16.8km az=118.0

ISC 17 12:35:41.8, 1.7, 26.01S; 0.07, 29.8E; 0.1, h10km, n13, c182/24, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LBTB Lotbete, BOSA Boshof, MATP Matopo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MATP, BLWY Bulawayo, SUR Sutherland, etc.

IDC 17 13:06:06.8, 2.9, 3.10S; 100.25E, h43km, 8km, mb3.2/6, mb1 3.4/6, mb1mx3.2/32, mbtmp3.5/6, Error ellipse: s-maj=117.9km s-min=16.7km az=57.0, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

IDC 17 13:18:7.2, 6.43S; 130.16E, h0km, mb3.6/1, mb1 3.9/3, mb1mx3.5/24, mbtmp3.7/3, ML3.9/2, Error ellipse: s-maj=136.6km s-min=31.0km az=70.0

DJA 17 13:18:28.0, 4.0, 7.3S; 12.9E, 1.1h0km, M4.3/13, mb4.3/8, mb5.4/4, MLV4.2/13, Mw(mb)4.8/4

AUST 17 13:18:58.0, 4.0, 9.61S; 130.02E, h201km, Error ellipse: s-maj=1.1km s-min=1.0km az=227.0

ISC 17 13:18:26.4, 1.0, 7.16S; 0.07, 129.25E; 0.06, h10km, n23, c199/17, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SAUI Saumlaki, BNDI Bandanaira, MSAI Masohi, etc.

IDC 17 13:39:17.3, 0.4, 12.17S; 165.89E, h0km, mb4.6/24, mb1 4.6/27, mb1mx4.5/48, mbtmp4.6/27, ML2.5/1, MS4.6/21, Ms1 4.6/21, ms1mx4.4/38, Error ellipse: s-maj=15.7km s-min=12.7km az=78.0

ISCJB 17 13:39:19.9, 1.5, 12.16S; 0.04, 166.07E; 0.05, h24km, 10km, mb4.9/68, MS4.6/27, Error ellipse: s-maj=8.1km s-min=6.8km az=2.0

MOS 17 13:39:21.9, 1.1, 12.17S; 165.89E, h33km, mb5.4/14, MS4.9/9, Error ellipse: s-maj=10.7km s-min=7.6km az=39.9

NEIC 17 13:39:24.7, 1.0, 12.19S; 165.95E, h49km, 9km, mb5.1/17, Error ellipse: s-maj=7.3km s-min=6.8km az=212.0

NEIC Felt at Lata. GCMT 17 13:39:24.7, 0.1, 12.15S; 165.89E, h16km, MW5.4/98, Moment Tensor Solution. s98,c164; s97,c182; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn:0.99E; 0.0; Mn:0.05E; 0.1; Mn:0.94E; 0.1; Mn:0.60E; 0.4; Mn:0.28E; 0.1; Mn:0.84E; 0.4; Best double couple: Mt: 4.41000x10^17 NP: 35.150.00000; 868.00000; 1.79.00000; NP2: 35.7.00000; 824.00000; 1.115.00000

Principal axes: T: 1.4550, P165.0000; Azm2: 0.0000; N: -0.0280, P16.0000; Azm1: 154.0000; P: -1.4270, P12.0000; Azm2: 168.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 17 13:39:25.1, 1.1, 11.46S; 166.27E, h43km, mb5.0/59, mb5.4/50, Ms5.1/51, Ms7.4/8/50

AUST 17 13:39:54.2, 2.7, 0.12S; 164.44E, h202km, 2km, Error ellipse: s-maj=9.3km s-min=1.9km az=247.0

ISC 17 13:39:24.0, 0.4, 12.20S; 0.04, 166.05E; 0.06, h42km, 2km, h42km; p-P, n191, c199/235, mb4.9/68, MS4.7/27, 8C-9D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like Honiara, Mont Dzumac, Port Moresby, etc.

Table with columns: Station Name, Time, Res, and various station identifiers. Includes stations like Kappang, Kappang, SPSI, etc.

Table with columns: Station Name, Time, Res, and various station identifiers. Includes stations like GYA, GYA, GYA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLV Kalavryta, Ach, DESF Desfina, etc.

MAN 17 14:57.0, 14.13'20N:120.09E, h57km, mb4.6, ML3.4, MS3.4, 1C, MINDT. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 17 15:19:12.5+1.0, 3'22S:100.13E, h0km, mb4.1/1, mb1 4.2/12, mb1mx3.9/46, mbtmp4.1/12, ML4.2/1, MS3.4/3, Ms1 3.4/3, ms1mx3.0/41, Error ellipse: s-maj=34.0km, s-min=16.1km az=52.0

NEIC 17 14:36:50.4, 65.03N:165.57W, h3km, ML3.5(AEIC), After AEIC, Northern Alaska. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 17 15:19:14.8+0.6, 3'29S:100.06E:0.06, h33km, mb4.2/16, MS3.2/3, Error ellipse: s-maj=11.2km, s-min=4.0km az=135.1

IDC 17 14:38:43.9+3.0, 20'63S:178.77W, h598km, 92km, mb2.8/5, mb1 3.1/5, mb1mx2.9/32, mbtmp3.8/5, Error ellipse: s-maj=140.8km s-min=36.0km az=145.0, Fiji Islands region. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 17 14:46:15.1+0.7, 3'38S:100.10E:0.05, h29km, mb4.0/11, Error ellipse: s-maj=10.6km s-min=5.0km az=1.6

IDC 17 14:46:17.0+0.6, 3'54S:100.10E, h15km, 7km, MB4.1/26, mb4.0/7, mb5.6/2, MLV4.1/26, MW(m)5.1/2, NEIC 17 14:46:18.3+1.1, 3'26S:100.35E, h35km, mb4.2/1, Error ellipse: s-maj=36.6km s-min=10.6km az=47.0

ISCJB 17 14:46:17.0+0.8, 3'33S:100.14E:0.09, h29km, n43, e118/39, mb4.0/11, Southern Sumatera. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, SISI Saibi, PDSI Padang, etc.

ISCJB 17 15:19:12.5+1.0, 3'22S:100.13E, h0km, mb4.1/1, mb1 4.2/12, mb1mx3.9/46, mbtmp4.1/12, ML4.2/1, MS3.4/3, Ms1 3.4/3, ms1mx3.0/41, Error ellipse: s-maj=34.0km, s-min=16.1km az=52.0

Code Station Name Azimuth Phase ID Time Res. Includes stations like AFI Afiamalu, AFI 185nm,0.3s, etc.

SJA 17 15:37:34.0, 4.0, 22'11S:63.90W, h18km, 15km, ML3.6, MW3.6, IDC 17 15:37:38.1+1.8, 22'37S:63.79W, h0km, mb3.7/1, mb1 3.8/5, mb1mx3.6/25, mbtmp3.7/5, ML4.0/4, MS2.1/1, Ms1 2.1/1, ms1mx2.1/33, Error ellipse: s-maj=26.4km, s-min=21.6km az=52.0

Code Station Name Azimuth Phase ID Time Res. Includes stations like YJA Yavi, YJA comp=Z, 360nm,0.3s, etc.

ISCJB 17 15:45:13.6+0.5, 37'86N:0'03:27.36E:0.03, h7km, 5km, Error ellipse: s-maj=5.3km s-min=4.4km az=10.0, CSEM 17 15:45:13.6+0.3, 37'87N:27'35E, h10km, MD2.4, Error ellipse: s-maj=6.3km s-min=5.6km az=63.0

Code Station Name Azimuth Phase ID Time Res. Includes stations like GCAM G?zelcamf, GCAM G?zelcamf, etc.

SKHL 17 15:51:38.4+0.5, 51'78N:142.97E, h10km, mb4.1/2, Sakhalin Island. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 17 15:53:27.6+0.1, 7'84S:0'02:129.49E:0.02, h10km, mb5.4/180, MS5.6/303, Error ellipse: s-maj=3.0km, s-min=2.5km az=41.2, IDC 17 15:53:27.9+0.3, 7'78S:129.51E, h0km, mb5.2/38, mb1 5.2/39, mb1mx5.2/43, mbtmp5.2/39, ML3.6/2, MS5.4/23, Ms1 5.4/23, ms1mx5.2/43, Error ellipse: s-maj=12.2km, s-min=8.5km az=59.0

17d 15h

GCMT 17 15:53:31.6.0.1, 7.96S, 129.61E, h29km, MW5, 8/121, Moment Tensor Solution, s121.c247, s116.N378; Duration: 2s0 Moment tensor: Scale 1017Nm; Mn:6.35e+06; M0:6.67e+04; Mw:0.31+0.4; Mo:0.57+0.8; Mw-1.13+0.4; Mw-0.73+0.9; Best double couple: M6.66900x10^17 N1P1a89.000000, 647.000000, lambda10.000000, NP2a253.000000, 644.000000, lambda79.000000. Principal axes: T 6.4740, P1g82.0000, Azm67.0000; N 0.3880, P1g8.0000, Azm262.0000; P -6.8640, P1g2.0000, Azm171.0000; n1a1 refers to body waves, cutoff=40s. n2a2 refers to surface/mantle waves, cutoff=50s.

MOS 17 15:53:32.14.7.62S, 129.49E, h33km, mb5.7/59, MS5.5/68 Error ellipse: s-maj=8.0km s-min=-4.9km az=114.3

DJA 17 15:53:35.10.2.8'S, 2*13'0E, h46km, 4km, M5, 6/99, mb5.6/99, mb5.9/92, MLV6.1/16, Mw(mb)5.5/92, Mwp5.9/31 ISC 17 15:53:30.8.0.3, 7.83S, 129.48E, 0.03, h25km, 1km, h20km; p-P, n1115, r152/1036, mb5.5/188, MS6.6/304, 56C-26D, Banda Sea

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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 coordinates.

Table with columns: MATI, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations with specific parameters like magnitude and distance.

Table with columns: Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations with specific parameters like magnitude and distance.

17d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LSA Lhasa, HAZ Te Kaha, and HBR Khabarovsk.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like HBR comp=N,2um,17.0s, DGAR Diego Garcia, and KUR Kurchatov.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, and MA2 Magadan.

879	MSEV	Mahe Island	73.56 267	PFAKE	LR	LR	16 05 20.0 +17
		comp=Z,2jum,21.0s					
	KK31	Kararay Array	73.63 319	i P	p Pmax	P Pmax	16 05 03.0 -0.1
		comp=Z,31nm,1.0s					
	KKAR	Kararay Array	73.63 319	eP	P	P	16 05 03.0 -0.1
	KKAR	Kararay Array	73.63 319	eP	P	P	16 05 03.0 -0.1
	MAW	Mawson	73.99 201	P	P	P	16 05 05.4 +0.7
		comp=Z,31nm,0.8s,baz=74,slow=8.0,SNR=47					
	MAW	Mawson	75.01 324	i P	P	P	16 34 07.8
		comp=Z,7jum,22.0s,baz=60,slow=33					
	OTUK	Ortayu	75.01 324	i P	P	P	16 05 11.0 0.0
		comp=Z,89nm,1.3s					
	HON	Honolulu	76.78 66	eP	p Pmax	P Pmax	16 05 24.5 +2.8
		comp=Z,287nm,1.2s					
	HON	Honolulu	76.78 66	eP	P	P	16 05 24.5 +2.8
		comp=Z,286nm,1.2s					
	IDA	Hananechah	77.41 306	eP	P	P	16 05 26.0 +0.7
	IMON	Monand	77.71 306	eP	P	P	16 05 27.0 +0.1
	IKOO	Kooshah	78.01 305	eP	P	P	16 05 27.7 -1.0
	UOSS	Wadi Hili	78.35 297	eP	P	P	16 05 36.6 -0.2
		comp=Z,700nm,22.0s					
	ITEG	Tejag	78.36 306	eP	P	P	16 05 28.7 -1.8
	IMYA	Miami	78.36 310	eP	P	P	16 05 29.7 -0.7
	HATD	Hatta, Dubai	78.38 297	i P	P	P	16 05 30.4 -0.1
		SNR=8					
	ASHO	Ashtiyahj	78.41 297	i P	P	P	16 05 31.4 +0.6
	BVAR	Borovoye Array	78.49 328	P	P	P	16 05 30.0 -0.5
		comp=Z,13nm,0.8s,baz=126,slow=7.5,SNR=38					
	BVAR	Borovoye Array	78.49 328	P	P	P	16 05 30.0 -0.5
	BANOM	Banah	78.51 298	i P	P	P	16 05 31.7 +0.5
		SNR=8.6					
	BRVK	Borovoye	78.57 328	i P	P	P	16 05 30.7 -0.2
		comp=Z,47nm,1.7s					
	BRVK	Borovoye	78.57 328	P	P	P	16 05 30.5 -0.4
		comp=Z,2jum,22.0s					
	BRVK	Borovoye	78.57 328	P	P	P	16 05 30.9 0.0
		comp=Z,164nm,0.9s,SNR=12					
	BRVK	Borovoye	78.57 328	P	P	P	16 05 29.3 -1.6
		SNR=20					
	BRVK	Borovoye	78.57 328	eP	P	P	16 05 29.3 -1.6
		comp=Z,51nm,1.1s					
	POHA	Pohakuloa	78.68 68	PFAKE	LR	LR	16 05 40.0 +7.4
		comp=Z,2jum,22.0s					
	CHZK	Chkalovo	78.70 329	i P	p Pmax	P Pmax	16 05 30.4 -1.2
		comp=Z,43nm,1.2s					
	TBI	Tubuai	78.76 112	eS	S	S	16 15 25.1 -4.7
		comp=Z,1jum,26.2s					
	TBI	Tubuai	78.76 112	eS	S	S	16 20 33.0 -1.4
		comp=Z,879nm,33.0s					
	TBI	Tubuai	78.76 112	eLQ	LQ	LQ	16 26 38.5
		comp=Z,2jum,36.0s					
	FAQ	Al Faqa, Dubai	78.84 297	i P	P	P	16 05 33.9 +0.9
		SNR=6.3					
	IMOG	Moghan	78.87 309	eP	P	P	16 05 32.5 -0.8
	ASUD	Al Ashush, Dub	79.04 297	i P	P	P	16 05 35.3 +1.2
	PPT2	Papeete2	79.08 106	eS	S	S	16 15 28.4 -5.1
		comp=Z,1jum,26.8s					
	PPT2	Papeete2	79.08 106	eS	S	S	16 20 35.5 -4.1
		comp=Z,2jum,27.5s					
	PPT2	Papeete2	79.08 106	P	P	P	16 05 37.2 +2.7
		comp=Z,6jum,23.5s					
	PPT	Papeete	79.08 106	P	P	P	16 05 37.2 +2.7
		comp=Z,51nm,1.0s,baz=186,slow=3.0,SNR=3.0					
	IPAY	Payeh	79.24 309	eP	P	P	16 05 34.2 -1.1
	TIXI	Tiksi	79.32 360	i P	p Pmax	P Pmax	16 05 34.3 -0.3
		comp=Z,32nm,1.0s					
	TIXI	Tiksi	79.32 360	eP	P	P	16 05 34.3 -0.3
		comp=Z,4jum,20.0s					
	IKRD	Kardeh	79.71 310	eP	P	P	16 05 33.1 -4.8
	ABPO	Ambohimpanom	80.20 252	P	p Pmax	P Pmax	16 05 41.7 +0.8
		comp=Z,110nm,1.3s					
	ABPO	Ambohimpanom	80.20 252	P	P	P	16 05 41.6 +0.8
		comp=Z,573nm,20.0s					
	ABPO	Ambohimpanom	80.20 252	P	P	P	16 05 41.6 +0.8
		comp=Z,110nm,1.3s					
	GEYT	Alibeck	80.36 311	P	P	P	16 05 41.1 0.0
		comp=Z,5.1nm,0.8s,baz=153,slow=4.6,SNR=9.0					
	SPIA	Saint Paul Isl	81.14 29	PFAKE	LR	LR	16 06 00.0 +15
		comp=Z,3jum,22.0s					
	UNV	Unalaska Valle	81.48 33	eP	P	P	16 05 46.5 -0.1
		comp=Z,61nm,0.8s					
	UNV	Unalaska Valle	81.48 33	eP	P	P	16 05 46.5 -0.1
		comp=Z,4jum,21.0s					
	AKUT	Akutan	81.99 33	eP	P	P	16 05 49.5 +0.1
		comp=Z,190nm,1.3s					
	QSPA	South Pole Qui	82.15 180	P	P	P	16 05 49.9 -0.3
		comp=Z,28nm,0.8s,baz=319,slow=1.9,SNR=59					
	QSPA	South Pole Qui	82.15 180	P	P	P	16 05 49.9 -0.3
		comp=Z,3jum,20.0s					
	ISAD	Sadrabad	82.21 304	eP	P	P	16 05 48.8 -2.6
	SYO	Syowa Base	82.70 201	eP	P	P	16 05 51.9 -0.9
	SYO	Syowa Base	82.70 201	i P	P	P	16 05 54.2 +1.4
	AB31	Akbulak array	82.84 322	i P	p Pmax	P Pmax	16 05 53.3 -0.6
		comp=Z,22nm,0.8s					
	ABKAR	Akbulak array	82.84 322	P	P	P	16 05 53.9 0.0
		baz=83					
	ABKAR	Akbulak array	82.84 322	eP	P	P	16 05 53.0 -0.9
	IANJ	Anjito	82.92 307	eP	P	P	16 06 10.0 +13
	FALS	False Pass	83.54 32	PFAKE	LR	LR	16 06 10.0 +13
		comp=Z,3jum,21.0s					
	AKTO	Aktuybinsk	84.42 322	P	P	P	16 06 01.4 -0.6
		comp=Z,16nm,0.9s,baz=123,slow=5.8,SNR=26					
	IDMV	Damavand	84.43 307	eP	P	P	16 05 59.8 -2.9
	IVRN	Varamin	84.54 306	eP	P	P	16 06 00.2 -2.8
	SVE	Sverdllovsk	85.21 329	eP	S	S	16 06 05.9 +0.1
		comp=Z,28nm,0.8s					
	SVE	Sverdllovsk	85.21 329	eS	S	S	16 16 28.6 -6.2
		comp=Z,86nm,1.3s					
	SDPT	Sand Point	85.29 33	PFAKE	LR	LR	16 06 20.0 +14
		comp=Z,2jum,22.0s					
	IRAZ	Razeghan	86.06 306	eP	P	P	16 06 08.8 -2.0
	TNA	Tin City	86.18 22	PFAKE	LR	LR	16 06 20.0 +10
		comp=Z,1jum,22.0s					
	RAYN	Ar Rayn	87.61 294	P	P	P	16 06 18.9 +0.4
		comp=Z,194nm,1.0s,SNR=33					
	RAYN	Ar Rayn	87.61 294	P	P	P	16 06 17.9 -0.5
		comp=Z,55nm,1.3s					
	RAYN	Ar Rayn	87.61 294	P	P	P	16 06 17.9 -0.5
		comp=Z,2jum,21.0s					
	MAK	Makhachkala	89.45 313	eP	P	P	16 06 18.5 -8.1
		comp=Z,2jum,21.0s					
	MAK	Makhachkala	89.45 313	eP	P	P	16 17 07.9
		comp=Z,2jum,21.0s					
	MAK	Makhachkala	89.45 313	eS	SS	SS	16 23 08.8 -3.1
		comp=Z,2jum,21.0s					
	OHAK	Old Harbor	89.68 32	PFAKE	LR	LR	16 06 40.0 +13
		comp=Z,3jum,20.0s					
	KDAK	Kodiak Island	90.19 32	eP	MLR	MLR	16 06 28.8 -0.9
		comp=Z,2jum,19.0s					
	KDAK	Kodiak Island	90.19 32	eP	MLR	MLR	16 06 28.8 -0.9
		comp=Z,2jum,19.0s					
	DGRG	David-gareji	90.74 312	P	P	P	16 06 31.8 -0.9
	DGRG	David-gareji	90.74 312	P	P	P	16 06 31.9 -0.9
	GNI	Garni	91.00 310	i P	p Pmax	P Pmax	16 06 35.6 +1.5
		comp=Z,107nm,1.8s					
	GNI	Garni	91.00 310	P	P	P	16 06 34.9 +0.8

17d 15h

Table with columns for race name, time, and other details. Includes entries like INK, WRACK, SUR, KEV, ISP, DLBC, ARCES, SPITS, AKASG, KIEV, KBS, FINES, TIRR, CFR, TLB, VRI, TESR, PLO, MLR, BURAR, SAN, IDI, PMSA, NLWA, COR, HOPS, YBH, H04A, RES, MCCM, WDC, YKA, PSZ, LTY, G06A, ORV, KHC, K05A, E07A, TIR, MORC, HAWA, NB2, NOA, KRLC, C09A, G08A, DPC, DPC, DPC, DPC, UPC, NEW.

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Table with columns for race name, time, and other details. Includes entries like J08A, WWOR, TREC, KONO, F10A, PVCC, PVCC, PVCC, GOPC, GOPC, BMO, PRU, PRU, BRG, BRG, NVAR, NVAR, OSI, EDM, SOKA, ISA, ISA, TIP, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CIS, GEC2, GEC2, KHC, KHC, KHC, BMN, PASC, EDW2, MWC, DAC, DAC, LARC, TANN, CUC, GRAC, MPMC, WET, WALA, MFID, BSEG, ROTZ, MOX.

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Table with columns for race name, time, and other details. Includes entries like MOX, RJOB, MSO, GSC, GSC, GSC, NRDL, CLZ, ABTA, GRF, ELK, HLID, HLID, BAR, BAR, HEC, PFO, PFO, PFO, R11A, R11A, MONP, WTTA, WATA, TUQ, BELC, IBP, WDD, WDD, MOTA, SUMG, SUMG, SHPR, MCMT, DLMT, DLMT, BC3, FETA, CLTB, CLTB, BOZ, BOZ, DAVA, GLA, GLA, DAVOX, DUG, DUG, DUG, DUG, EGMT, EGMT, VLC, VLC, TUE, BFO, YMR, YFT, YFT, YNR, YNR, FXWY, H17A, H17A, HWUT, NLU, NLU, MOOW, MOOW, AHID, REDW, SNOW, SNOW, LOHW, MSU, MSU, HOPE, HOPE, O16A, O16A, WLF, WLF, RLMT, RLMT.

TMUT P17A	comp=Z,2um,22.0s Trail Mountain Butcher Ranch,	117.50 117.81	50 49	ePKP PFAKE	PKP LR	PKP LR	16 12 16.0 -0.1 16 12 30.0 +1.3
BW06 BW06	comp=Z,2um,22.0s Boulder Array	117.83 117.83	46 31	ePKP PFAKE	PKP LR	PKP LR	16 12 16.0 -0.5 16 12 16.8 +0.2
PDAR FFC	comp=Z,2um,22.0s Pinedale Array Flin Flon	117.83 117.93	46 31	PKP PFAKE	PKP LR	PKP LR	16 12 16.8 +0.2 16 12 30.0 +1.4
VSL VSL	comp=Z,2um,22.0s Villasaito	118.06 118.06	311	PFAKE	LR	LR	16 12 30.0 +1.3
SRU SRU	comp=Z,2um,22.0s San Rafael	118.06 118.06	50	ePKIP PFAKE	PKP LR	PKP LR	16 12 17.1 +0.1 16 12 17.1 +0.1
SRU SRU	comp=Z,2um,22.0s San Rafael	118.06 118.06	50	ePKP PFAKE	PKP LR	PKP LR	16 12 17.1 +0.1 16 22 41.7 +2.3
P18A P18A	comp=Z,2um,22.0s Preston Nutter	118.15 118.16	49	PFAKE	LR	LR	16 12 30.0 +1.3 16 12 17.9 +0.5
WUAZ WUAZ	comp=Z,2um,22.0s Wupatki Wupatki	118.16 118.16	54	P ePKP	PKP LR	PKP LR	16 12 17.9 +0.5 16 12 18.1 +0.7
BNI BNI	comp=Z,2um,19.0s Bardonecchia	118.42 118.42	317	PFAKE	LR	LR	16 12 30.0 +1.2
SRIG SRIG	comp=Z,2um,22.0s Santa Rosalia	118.64 118.64	63	PFAKE	LR	LR	16 12 30.0 +1.2
LAO LAO	comp=Z,2um,22.0s LASA Array	118.85 118.85	40	P ePKP	PKP LR	PKP LR	16 12 19.0 +0.8 16 12 18.7 +0.6
LAO LAO	comp=Z,2um,22.0s LASA Array	118.85 118.85	40	ePKP PFAKE	PKP LR	PKP LR	16 12 19.0 +0.8 16 12 18.7 +0.6
KEST TUC	comp=Z,1um,22.0s Kest Tucson	118.91 119.22	307 57	PKP ePKIP	PKP MLR	PKP MLR	16 12 18.5 -0.1 16 12 22.0 +2.7
TUC TUC	comp=Z,3um,22.0s Tucson	119.22 119.22	57	ePKP	PKP	PKP	16 12 22.0 +2.7 16 12 22.2 +2.5
PV05 DGMT	comp=Z,3um,22.0s Paradox Valley Dagmar	119.39 119.45	51 38	ePKP PFAKE	PKP LR	PKP LR	16 12 22.2 +2.5 16 12 19.4 +0.2
DGMT DGMT	comp=Z,3um,22.0s Paradox Valley White River Ci	119.46 119.51	50 48	ePKP PFAKE	PKP LR	PKP LR	16 12 19.6 -0.1 16 12 20.2 +0.4
PV04 O20A	comp=Z,2um,22.0s Paradox Valley White River Ci	119.51 119.55	48 54	PKP PFAKE	PKP LR	PKP LR	16 12 20.4 +0.6 16 12 21.1 +1.0
O20A W18A	comp=Z,2um,22.0s White River Ci Petrified Fore	119.51 119.55	48 54	PKP PFAKE	PKP LR	PKP LR	16 12 20.4 +0.6 16 12 30.0 +1.1
ESK ESK	comp=Z,3um,19.0s Saint Sauveur	119.77 119.77	318	PFAKE	LR	LR	16 12 30.0 +1.0
SSB SSB	comp=Z,1um,20.0s Paradox Valley Svangstu Ranch	119.78 119.91	50 37	ePKP PFAKE	PKP LR	PKP LR	16 12 21.0 +0.5 16 12 21.1 +1.0
PV01 A25A	comp=Z,2um,22.0s Paradox Valley Svangstu Ranch	119.91 119.91	37	P PFAKE	PKP LR	PKP LR	16 12 21.1 +1.0 16 12 20.5 -0.2
K22A K22A	comp=Z,2um,22.0s Casper Casper	120.00 120.00	45 45	P ePKP	PKP LR	PKP LR	16 12 20.5 -0.2 16 12 20.3 -0.4
EFI EFI	comp=Z,2um,22.0s East Falkland	120.38 120.38	175	PFAKE	LR	LR	16 12 30.0 +9.1
D25A A26A	comp=Z,3um,20.0s Fairfield Wade Farm, Ken	120.52 120.57	39 37	P PFAKE	PKP LR	PKP LR	16 12 22.7 +1.3 16 12 23.1 +1.8
SMCO SMCO	comp=Z,3um,22.0s Snowmass	120.71 120.71	49	ePKP	PKP	PKP	16 12 22.7 +0.3 16 12 22.9 +0.7
F25A SFJD	comp=Z,2um,22.0s Bowman Kangerlussuaq	120.91 120.92	40 0	PFAKE	LR	LR	16 12 30.0 +8.6
SFJD SFJD	comp=Z,2um,22.0s Bowman Kangerlussuaq	120.91 120.92	40 0	PFAKE	LR	LR	16 12 30.0 +8.6
N23A N23A	comp=Z,2um,22.0s Red Feather La Red Feather La	120.96 120.96	47 67	P PFAKE	PKP LR	PKP LR	16 12 23.1 +0.4 16 12 23.6 +0.9
SLBS SLBS	comp=Z,2um,22.0s Sierra La Lagu	121.07 121.07	67	PFAKE	LR	LR	16 12 40.0 +1.7
D26A D26A	comp=Z,3um,20.0s Manning Pilot Hill	121.12 121.19	39 46	P PFAKE	PKP LR	PKP LR	16 12 23.0 +0.5 16 12 40.0 +1.7
PHWY PHWY	comp=Z,1um,20.0s 4UR Ranch, Cre	121.21 121.21	50	P	PKP	PKP	16 12 23.6 +0.3 16 12 25.1 +1.8
S22A RSSD	comp=Z,2um,22.0s 4UR Ranch, Cre Black Hills	121.21 121.21	43	ePKP PFAKE	PKP MLR	PKP MLR	16 12 25.1 +1.8 16 12 22.3 -0.7
RSSD RSSD	comp=Z,1um,22.0s Black Hills	121.21 121.21	43	ePKP	PKP	PKP	16 12 22.3 -0.7 16 12 22.3 -0.7
E26A I25A	comp=Z,1um,22.0s Carlson Angus Rochford	121.33 121.45	40 3	P PFAKE	PKP LR	PKP LR	16 12 23.5 +0.5 16 12 23.6 +0.2
ISCO ISCO	comp=Z,2um,22.0s Idaho Springs	121.54 121.54	48	ePKIP	PKP	PKP	16 12 24.5 +0.6 16 12 24.1 +0.2
ISCO ISCO	comp=Z,2um,22.0s Idaho Springs	121.54 121.54	48	ePKP	PKP	PKP	16 12 24.5 +0.6 16 12 24.5 +0.6
A28A J25A	comp=Z,2um,22.0s Rude Farm, Bot Sunshine Ranch	121.61 121.63	36 43	P PFAKE	PKP LR	PKP LR	16 12 24.2 +0.9 16 12 23.7 0.0
121A 121A	comp=Z,2um,22.0s Cooles Peak, D	121.67 121.67	57	P	PKP	PKP	16 12 25.2 +1.0 16 12 24.4 +0.3
G27A G27A	comp=Z,2um,22.0s Cooles Peak, D Maurine	121.67 121.71	57 41	ePKP PFAKE	PKP LR	PKP LR	16 12 24.4 +0.3 16 12 22.6 -1.1
F27A G27A	comp=Z,2um,22.0s Lemmon Dupre	121.85 122.11	40 4	P PFAKE	PKP LR	PKP LR	16 12 24.1 +0.1 16 12 24.6 +0.1
Q24A Q24A	comp=Z,2um,22.0s Divide	122.13 122.13	49	P	PKP	PKP	16 12 24.7 -0.4 16 12 24.7 0.0
J26A D28A	comp=Z,2um,22.0s Sides Ranch, S Regan	122.16 122.20	43 38	P PFAKE	PKP LR	PKP LR	16 12 24.7 0.0 16 12 24.6 +0.1
A29A ANMO	comp=Z,2um,22.0s Manning Farm, Albuquerque	122.20 122.21	36 54	P ePKIP	PKP MLR	PKP MLR	16 12 24.4 0.0 16 12 26.2 +1.0
ANMO ANMO	comp=Z,2um,22.0s Albuquerque	122.21 122.21	54	ePKP	PKP	PKP	16 12 26.2 +1.0 16 12 26.2 +1.0
LPM SDCO	comp=Z,2um,22.0s Los Pinos Moun Great Sand Dun	122.22 122.22	54 50	ePKP PFAKE	PKP LR	PKP LR	16 12 26.1 +0.9 16 12 25.9 +0.6
SDCO SDCO	comp=Z,2um,22.0s Great Sand Dun	122.22 122.22	50	PFAKE	LR	LR	16 12 40.0 +1.5
BNM H27A	comp=Z,2um,20.0s Barren Site Howes	122.26 122.31	55 41	ePKP PFAKE	PKP LR	PKP LR	16 12 26.7 +1.4 16 12 25.3 +0.4
B29A B29A	comp=Z,2um,22.0s Wagenman Farm,	122.35 122.35	3	P	PKP	PKP	16 12 26.6 +1.8 16 12 26.6 +1.5
E28A I27A	comp=Z,2um,22.0s Huff Quinn	122.39 122.55	39 42	P PFAKE	PKP LR	PKP LR	16 12 26.4 +1.5 16 12 25.3 0.0
F28A A30A	comp=Z,2um,22.0s McLaughlin Hoffart Farm,	122.64 122.73	40 35	P PFAKE	PKP LR	PKP LR	16 12 25.7 +0.2 16 12 25.3 -0.2
TRIS TRIS	comp=Z,2um,21.0s Parade Elkhorn Farm,	122.79 122.90	41 43	P PFAKE	PKP LR	PKP LR	16 12 26.0 0.0 16 12 26.6 +0.5
G28A J27A	comp=Z,2um,21.0s Parade Elkhorn Farm,	122.89 122.90	41 43	P PFAKE	PKP LR	PKP LR	16 12 26.0 0.0 16 12 26.6 +0.5
B30A H28A	comp=Z,2um,21.0s Parade Myrvik Farm, E	122.96 122.96	36 41	P PFAKE	PKP LR	PKP LR	16 12 26.6 +0.7 16 12 26.5 +0.4
I28A T25A	comp=Z,2um,21.0s Parade Trinidad	123.17 123.23	42 51	P PFAKE	PKP LR	PKP LR	16 12 26.7 +0.2 16 12 27.9 +0.8
T25A C30A	comp=Z,2um,21.0s Parade Trinidad	123.23 123.23	51 37	ePKP PFAKE	PKP MLR	PKP MLR	16 12 28.9 +1.8 16 12 26.5 +0.1
F29A D30A	comp=Z,2um,21.0s Parade Eureka	123.26 123.34	39 38	P PFAKE	PKP LR	PKP LR	16 12 26.5 -0.2 16 12 27.1 +0.4
J28A J28A	comp=Z,2um,21.0s Parade Allard Ranch,	123.35 123.35	42	P	PKP	PKP	16 12 27.5 +0.6 16 12 26.1 -0.7
ULM ULM	comp=Z,2um,21.0s Parade Lac du Bonnet	123.42 123.42	33	PKP PFAKE	PKP MLR	PKP MLR	16 12 26.1 -0.7 16 12 26.1 -0.7
ULM ULM	comp=Z,2um,21.0s Parade Lac du Bonnet	123.42 123.42	33	PKP PFAKE	PKP MLR	PKP MLR	16 12 26.1 -0.7 16 12 26.1 -0.7
G29A C31A	comp=Z,2um,21.0s Parade Hoven	123.48 123.62	40 36	P PFAKE	PKP LR	PKP LR	16 12 27.2 +0.1 16 12 27.6 +0.4
I29A OGNE	comp=Z,2um,21.0s Parade Landman Farms,	123.73 123.74	41 45	P PFAKE	PKP LR	PKP LR	16 12 27.9 +0.3 16 12 40.0 +1.2
OGNE OGNE	comp=Z,2um,21.0s Parade Ogallala	123.74 123.84	45	PFAKE	LR	LR	16 12 40.0 +1.2 16 12 29.0 +0.8
MNTX MNTX	comp=Z,2um,21.0s Parade Cornudas Mount	123.84 123.84	57	P	PKP	PKP	16 12 29.0 +0.8 16 12 29.0 +0.8
MNTX MNTX	comp=Z,2um,21.0s Parade Cornudas Mount	123.84 123.84	57	ePKP	PKP	PKP	16 12 29.0 +0.8 16 12 29.0 +0.8
J29A D31A	comp=Z,3um,22.0s Okreek McClaffin, Tow	123.97 123.97	42 37	P PFAKE	PKP LR	PKP LR	16 12 28.5 +0.4 16 12 28.5 +0.6
G30A G30A	comp=Z,3um,22.0s Okreek Moulton	124.00 124.00	40	P	PKP	PKP	16 12 28.4 +0.3 16 12 28.0 0.0
B32A TAM	comp=Z,3um,22.0s Okreek Ashes, Strandq	124.02 124.26	35 292	P ePKIP	PKP MLR	PKP MLR	16 12 28.0 0.0 16 12 30.0 +0.6
TAM TAM	comp=Z,3um,22.0s Okreek Tamanrasset	124.26 124.26	292	ePKIP	PKP	PKP	16 12 30.0 +0.6 16 12 30.0 +0.6
TAM TAM	comp=Z,3um,22.0s Okreek Tamanrasset	124.26 124.26	292	ePKP	PKP	PKP	16 12 30.0 +0.6 16 12 30.0 +0.6
A33A L29A	comp=Z,5.13nm,20.0s Warroad Maesberg Ranch	124.39 124.40	34 44	P PFAKE	PKP LR	PKP LR	16 12 28.2 -0.4 16 12 29.8 +0.8
AGMN AGMN	comp=Z,5.13nm,20.0s Warroad Agassiz Nation	124.46 124.46	35	PFAKE	LR	LR	16 12 40.0 +1.1
HPIC HPIC	comp=Z,1um,20.0s Hawle Hawle	124.50 124.50	63	PFAKE	LR	LR	16 12 40.0 +1.0
Q28A J30A	comp=Z,2um,20.0s Sharon Springs Dallas	124.55 124.55	48 42	P PFAKE	PKP LR	PKP LR	16 12 29.9 +0.5 16 12 29.5 +0.3
K30A R28A	comp=Z,2um,20.0s Sharon Springs Dallas	124.55 124.55	42	P	PKP	PKP	16 12 29.5 +0.3 16 12 30.5 +0.6
I31A B34A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	124.88 125.04	41 34	P PFAKE	PKP LR	PKP LR	16 12 30.6 +0.8 16 12 29.6 -0.3
N30A Q29A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.04 125.23	34 47	P PFAKE	PKP LR	PKP LR	16 12 29.6 -0.3 16 12 31.2 +0.5
C34A H32A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.34 125.34	35 40	P PFAKE	PKP LR	PKP LR	16 12 31.1 +0.6 16 12 30.8 0.0
MSTX MSTX	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.40 125.40	54	P	PKP	PKP	16 12 31.5 +0.3 16 12 31.2 -0.1
F33A L31A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.44 125.47	38 43	P PFAKE	PKP LR	PKP LR	16 12 30.9 +0.1 16 12 31.4 +0.4
D34A P30A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.47 125.56	43 34	P PFAKE	PKP LR	PKP LR	16 12 31.4 +0.4 16 12 31.4 +0.2
B35A TXAR	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.63 125.79	34 59	P PFAKE	PKP MLR	PKP MLR	16 12 30.9 -0.1 16 12 32.2 +0.2
K32A R30A	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	125.84 125.96	42 48	P PFAKE	PKP LR	PKP LR	16 12 32.0 +0.3 16 12 32.4 +0.3
AMTX AMTX	comp=Z,2um,20.0s Sharon Springs Royce, Wessing	126.01 126.01	52	PFAKE	LR	LR	16 12 40.0 +7.7
P31A CBK3	comp=Z,2um,21.0s Stockton Cedar Bluff	126.16 126.16	46 47	P PFAKE	PKP LR	PKP LR	16 12 32.9 +0.5 16 12 32.9 +0.4
CBK3 CBK3	comp=Z,2um,21.0s Stockton Cedar Bluff	126.16 126.16	47	PFAKE	LR	LR	16 12 40.0 +7.6
E35A J33A	comp=Z,2um,22.0s Pequot Lakes Davis	126.21 126.21	36 41	P	PKP	PKP	16 12 32.5 +0.3 16 12 32.6 +0.3
ECSD ECSD	comp=Z,2um,22.0s Pequot Lakes Davis	126.25 126.25	40	P	PKP	PKP	16 12 32.6 +0.2 16 12 32.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Daman, Gorkha, Zalesovo Beam, DANN, KOLN, MKANCHI, KURK, ILAR, BRVK, KKR, INK, ABKAR, GEYT, YKA, NVAR, KBZ, FINES, BRTR, PLCA, LPAZ, LPZ.

ISCJB 17 16:39:45.0±0.8, 8'15S:0'06E:129'9E:0'2, h10km, mb3.3/1, Error ellipse: s-maj=31.9km s-min=8.7km az=4.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDU, SUJ, KNRA, FITZ, WRA, ASAR, WRKA, MKAR.

ISC 17 16:39:47.0±0.9, 8'24S:0'06E:129'8E:0'1, h10km, n10, c313/9, Timor Sea

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

WEL 17 16:45:05.6±0.3, 40'30S:172'90E, h220km, 2km, ML3.6/6, 12C-6D, Error ellipse: s-maj=2.4km s-min=1.7km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QRZ, NINZ, DUWZ, THZ, TUWZ, TCW, BSZ, DSZ, WEL, KIWI, KHZ, CAW, GMEZ, NGWZ, NWEZ, KHEZ, PREZ, LREZ, NEZ, PKE, PLWZ, LTZ, WAZ, HOWZ, MTW, MRZ, POWZ, TMWZ, PRZ, WRZ, Pori Road.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OXFZ, BFZ, DVHZ, TRVZ, HWVZ, FWVZ, WHVZ, WPVZ, COVZ, MOVZ, TUWZ, TWVZ, NGZ, WVZ, PNHZ, WTVZ, OTVZ, KRVZ, BHZ, MKZ, KATZ, KRHZ, KWHZ, PXZ, KAHZ, MCHZ, FOKZ, FOZ, LBZ, KNZ, RIGZ, MWZ, OZZ, HAZ, MXZ.

IDC 17 16:46:30.9±2.2, 8'12S:129'73E, h0km, mb3.6/1, mb1 4.0/4, mb1mx3.6/23, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=80.4km s-min=29.6km az=77.0, Timor Sea

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

ISCJB 17 16:57:40.7±0.7, 8'06S:0'06E:129'6E:0'1, h10km, mb3.6/3, Error ellipse: s-maj=16.3km s-min=8.1km az=177.5

IDC 17 16:57:40.0±1.2, 8'20S:129'43E, h0km, mb3.7/3, mb1 4.0/7, mb1mx3.7/32, mbtmp3.9/7, ML3.9/4, Error ellipse: s-maj=46.3km s-min=21.7km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN, KDU, FAKI, KNRA, SUJ, FITZ, WRA, COEN, ASAR, WRKA, MTSU, CTA, QLP, MKAR, KURB, ILAR.

CSEM 17 16:58:31.6±99.0, 46'39N:15'07E, h0km, Suspected Mining induced. After LJU

LJU 17 16:58:31.6, 46'39N:15'07E, h0km, Rockburst, Northwestern Balkan Peninsula

ISCJB 17 17:01:21.0±0.4, 24'09N:0'01E:121'76E:0'02, h4km, 2km, JMA 17 17:01:21.0±0.1, 24'06N:121'68E, h4km, 2km, M3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWD, HWA, EHP, ESF, ENA, ENL, ESL, TEGC, WHF, WHF, NNS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWT, TWC, ENT, WDT, WDW, TWE, EHY, EHY, NSK, NNS, ILA, ILA, SMLT, SMLT, TYC, TWC, TWF1, TWF1, TWA, TWA, YUS, YUS, NSY, TCU, TCU, TWB1, TWB1, WNT, WNT, TAP1, TAP1, NWF, NWF, HSN, HSN, ALS, ALS, NCU, CHKT, CHKT, THW1, THW1, TWS1, TWS1, CHN5, CHN5, ELDTW, ELDTW, WGW, WGW, JYNG, JYNG, YOJ, YOJ, CHN4, CHN4, CHN2, CHN2, STYT, STYT, WTP, WTP, CHY, CHY, WTCT, WTCT, TWG, TWG, TWK, TWK, CHN1, CHN1, SGST, SGST, WSF, WSF, CHN3, CHN3, ECL, ECL, SSD, SSD, MTW, MTW, IRIF, IRIF, EAST, EAST, SCZT, SCZT, PNG, PNG, WDG, WDG.

Table with columns: AKO, Adana, 0.94 308, P, Pg, 18 26 11.3 0.0, etc. Includes stations like ARNB, ARNB, ARNB, etc.

Table with columns: PETK, Petropavlovsk-48.01 30, P, P, 18 38 45.1 +1.2, etc. Includes stations like ILAR, Eielson Array, FINES, etc.

Table with columns: BNSI, Bone, 10.08 291, P, Pn, 18 53 58.1 +7.7, etc. Includes stations like KMSI, Cibinong, SPSI, etc.

IDC 17 18:26:41.1 ± 1.9, 40.47Sx75.38W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.9/23, mbtmp3.8/6, ML4.1/1, MS3.5/3, Ms1 3.5/3, ms1mx3.1/21, Error ellipse: s-maj=46.4km s-min=29.4km az=92.0

IDC 17 18:38:44.8 ± 0.3, 37.85N-27.43E, h7km, Md2.5 CSEM 17 18:38:45.0 ± 0.3, 37.88N-27.42E, h2km, MD2.5, Error ellipse: s-maj=9.4km s-min=6.3km az=96.0

IDC 17 18:26:41.1 ± 1.9, 40.47Sx75.38W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.9/23, mbtmp3.8/6, ML4.1/1, MS3.5/3, Ms1 3.5/3, ms1mx3.1/21, Error ellipse: s-maj=46.4km s-min=29.4km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like PLCA, CPUP, LPAZ, BDFB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like APLP, AAGR, AAGR, GUANDACOL, etc.

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

IDC 17 18:30:03.7 ± 0.8, 15.57N-119.64E, h0km, mb3.7/10, mb1 3.9/10, mb1mx3.7/44, mbtmp3.8/10, MS3.6/2, Ms1 3.7/2, ms1mx3.0/38, Error ellipse: s-maj=30.1km s-min=17.0km az=72.0

IDC 17 18:51:23.9 ± 0.8, 8.01S, 129.62E, h0km, mb4.1/5, mb1 4.4/9, mb1mx4.0/26, mbtmp4.2/9, ML4.6/4, MS3.2/1, Ms1 3.2/1, ms1mx2.6/36, Error ellipse: s-maj=38.2km s-min=18.4km az=92.0

IDC 17 19:08:47.6 ± 6.9, 20.12Sx170.15E, h78km, 59km, mb3.7/5, mb1 3.8/6, mb1mx3.5/29, mbtmp3.9/6, ML3.4/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/32, Error ellipse: s-maj=132.8km s-min=47.3km az=150.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SCZP, BOLP, BCPH, PCPH, etc.

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

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

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like SCLT Jiali, CHN4 Tsauhsan, etc.

Table with columns: ENT, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like Nioudou, TWE Neiheng, etc.

Table with columns: ZEI, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like Tsey, Tbilisi Sea, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like BUJ, ICSJB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BPAW Bear Paw Mtn, ILAR Eielson Array, DOT Dot Lake, EGAK Eagle, INK Inuvik, YKA Yellowknife Ar, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, USRK Ussuriysk Arr, NVAR Mina Array Be, PDAR Pinedale Array, KSRS Kona Array, KSAR Sonjo Array, SONM Sogino Array, TXAR Lajitas Array, MKAR Makanchi Array, FINES FINESS Array B, NOA NORSTAR Array B, AAK Ala-Archa, EKSZ Erkin-Say, ABKAR Akbulak array, KKAR Karatay Array, TAPN Tapejlung, CMAR Chiang Mai Arr, GUN Gumba, RAMN Ramite, KKN Kakani, PKI Pulchok, PKIN Pulchok, GKN GorKha, DMN Daman, AKASG Malin Array Be, KOLN Koldanda, GERES GERES Array B, GEYT Alikeb, BRTR Keskin Array B, ASAR Alice Springs, MATP Matopo, MAW Mawson, LBTB Lotobate, BOSAS Boshof.

ISCJB 17 20:45:34.6:0.5, 11.97N:0.07:44.00E:0.06, h4km, mb4.1/21, MS3.8/12, Error ellipse: s-maj=11.8km s-min=6.3km az=141.2

ISC 17 20:45:36.0:0.9, 11.97N:44.09E, h0km, mb4.1/18, mb1.4/2.19, mb1mx4.0/0.5, mbtmp4.1/19, ML3.4/1, MS3.9/14, Ms1.3/1.4, ms1mx3.6/43, Error ellipse: s-maj=21.4km s-min=16.0km az=112.0

CSEM 17 20:45:36.1:0.3, 12.01N:43.95E, h0km, mb4.5, Error ellipse: s-maj=15.9km s-min=8.2km az=134.0

NEIC 17 20:45:37.1:0.5, 11.99N:43.94E, h10km, mb4.5/3, Error ellipse: s-maj=14.1km s-min=9.6km az=131.0

ISC 17 20:45:36.3:0.7, 11.97N:0.09:43.99E:0.08, h4km, m53, @19/147, mb4.1/21, MS3.8/12, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, DAMY Dhamar, KMBO Kilima Mbogo, KMBO Kilima Mbogo, MBAR Mbarara, MBAR Mbarara, Eilat, ASF Jabal al Asfar, ASF Jabal al Asfar, IRAM Rameshah, IRAM Rameshah, IMEH Mehrih, IMEH Mehrih, ISAD Sadrabad, ISAD Sadrabad, IZEF Zefreh, IZEF Zefreh, ICHK Chekchek, ICHK Chekchek, IKLH Kolahrood, IKLH Kolahrood, MMAI Mount Meron Ar, MMAI Mount Meron Ar, IAFJ Afjeh, IAFJ Afjeh, ISHM Shahmirzad, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, GEYT Alikeb, BRTR Keskin Array B, BRTR Keskin Array B, TIRR Tigrisur, TIRR Tigrisur, MLR Muntele Rosu, MLR Muntele Rosu, KEST Kesra, KEST Kesra, ABKAR Akbulak array, ABKAR Akbulak array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, AAK Ala-Archa, AAK Ala-Archa, AKASG Malin Array Be, AKASG Malin Array Be, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, BOSAS Boshof, BOSAS Boshof, GERES GERES Array B, GERES GERES Array B, CLL Collin, MKAR Makanchi Array, MKAR Makanchi Array, DBIC Dimbokro, DBIC Dimbokro, ESCD Fonseca Array B, ESCD Fonseca Array B, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, NOA NORSTAR Array B, NOA NORSTAR Array B, ARCES ARCES Array B, ARCES ARCES Array B, SONM Sogino Array, SONM Sogino Array, KSAR Sonjo Array, KSAR Sonjo Array, KSAR Sonjo Array, KSAR Sonjo Array, WRA Warramunga Arr, WRA Warramunga Arr, WRA Alice Springs, WRA Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr.

ISCJB 17 20:45:47.2:0.5, 8.01S:0.04:129.55E:0.09, h10km, mb3.7/17, MS4.0/2, Error ellipse: s-maj=12.2km s-min=7.8km az=178.0

ISC 17 20:45:48.0:0.8, 7.86S:129.49E, h0km, mb3.8/8, mb1.4/0.9, mb1mx3.8/3.4, mbtmp3.9/9, ML4.0/1, MS3.6/4, Ms1.3/1.4, ms1mx3.1/31, Error ellipse: s-maj=39.7km s-min=18.9km az=68.0

AUST 17 20:45:54.5:3.3, 8.53S:129.91E, h0km, 1km, Error ellipse: s-maj=2.6km s-min=1.3km az=349.0

ISC 17 20:45:49.2:0.6, 7.98S:0.07:129.6E:0.1, h10km, n29, @193/24, mb4.0/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Manton Dam, KDU Kakadu, FAKI Fak Faki, SIJI Sorong, SIJI Sorong, SIJI Sorong, KNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, COEN Coenen, COEN Coenen, DAV Davao City, QIS Quito, ASAR Alice Springs, ASAR Alice Springs, MTSU Mount Surprise, MTSU Mount Surprise, CTA Charles Tower, CTA Charles Tower, BBOO Buekleebo, BBOO Buekleebo, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, AFI Afamatu, AFI Afamatu, MKAR Makanchi Array, MKAR Makanchi Array, VANDA Vanda, VANDA Vanda, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MAW Mawson, MAW Mawson, Eielson Array, Eielson Array, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, LVC Limon Verde, LVC Limon Verde, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz.

GUC 17 20:45:49.8:0.4, 21.43S:68.80W, h104km, 3km, ML3.5, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, LVC Limon Verde, LVC Limon Verde, PB06 IPOC Station P, PB06 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, MNCM Minimimi, MNCM Minimimi, CSEM 17 20:51:37.5, 37.91N:27.52E, h24km, MD2.4, Turkey, ISK 17 20:51:37.5, 37.91N:27.52E, h24km, MD2.4, Turkey, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISCJB 17 21:00:58.4:1.4, 11.77N:0.2:44.16E:0.10, h10km, mb3.5/6, Error ellipse: s-maj=33.8km s-min=9.8km az=162.0

ISC 17 21:00:58.7:1.6, 11.71N:44.13E, h0km, mb3.5/6, mb1.3/6.6, mb1mx3.4/4.4, mbtmp3.6/6, MS3.4/1, Ms1.3/4.1, ms1mx2.8/31, Error ellipse: s-maj=41.3km s-min=19.6km az=164.0

ISC 17 21:00:59.9:1.6, 11.77N:0.3:44.1E:0.1, h10km, n8, @08/78, mb3.6/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, KMBO Kilima Mbogo, KMBO Kilima Mbogo, MMAI Mount Meron Ar, MMAI Mount Meron Ar, BRTR Keskin Array B, BRTR Keskin Array B, TORD Torodi Ar. Be, TORD Torodi Ar. Be, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arra, KURBB Kurchatov Arra, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

ISCJB 17 21:07:15.4:0.6, 37.22N:0.7:72.3E:0.1, h100km, Error ellipse: s-maj=14.3km s-min=5.6km az=140.1

NNC 17 21:07:22.6:2.9, 37.61N:71.89E, h153km, 90km, mb2.0, mpv3.0, Error ellipse: s-maj=53.4km s-min=17.0km az=117.0

ISC 17 21:07:16.4:1.2, 37.18N:0.10:72.28E:0.10, h100km, n12, @1500/14, 4C-12, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, DZET Dzerhino, MNAS Manas, MNAS Manas, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KOLN Koldanda, KOLN Koldanda, GKN Gumba, GKN Gumba, DMN Daman, DMN Daman, PKIN Pulchok, PKIN Pulchok, PKI Pulchok, PKI Pulchok, GUN Gumba, GUN Gumba, RAMN Ramite, RAMN Ramite, TAPN Tapejlung, TAPN Tapejlung, ODAN Odare, ODAN Odare.

ISC 17 21:07:52.6:2.6, 16.33N:75.41W, h0km, mb4.0/2, mb1.4/1.3, mb1mx3.7/3.1, mbtmp4.0/3, ML4.0/1, MS3.3/5, Ms1.3/3.5, ms1mx2.9/3.4, Error ellipse: s-maj=87.5km s-min=48.3km az=1.0, Off coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, LPAZ La Paz, LPAZ La Paz, LPVZ L'Azua, LPVZ L'Azua, LVC Limon Verde, LVC Limon Verde, ATAH Athaupa, ATAH Athaupa, ATAH Athaupa, SIV San Ignacio, SIV San Ignacio, CFAA Coronel Fontan, CFAA Coronel Fontan, ROSC El Rosal, ROSC El Rosal, PTGA Ptari, PTGA Ptari, PTGA Ptari, SDV Santo Domingo, SDV Santo Domingo, TORD Torodi Ar. Be, TORD Torodi Ar. Be, TORD Torodi Ar. Be, TORD Torodi Ar. Be, H11N3 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy.

NNC 17 21:24:41.6:1.4, 37.08N:71.24E, h185km, 27km, mb2.6, mpv3.6, 3C-4D, Error ellipse: s-maj=22.8km s-min=8.6km az=125.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, DZET Dzerhino, MNAS Manas, MNAS Manas, DZET Dzerhino, DZET Dzerhino.

Table with columns: ATD, Sn, 21 54 31.5 -0.4, Sn, 21 59 54.9 -0.8, etc.

ISCJB 17 21:59:47.8,0.4, 43.56N,0.06:140.91E:0.07, h213km, mb3.4/5, Error ellipse: s-maj=11.1km s-min=7.2km az=155.5

JMA 17 21:59:48.0, 2.0, 43.60N:140.80E, h205km, 2km, M3.1 IDC 17 21:59:49.3, 1.5, 43.72N:140.85E, h205km, 1km, mb3.2/6, mb1.3, 3.7, mb1mx3.0/33, mbtmp3.0/7, Error ellipse: s-maj=57.9km s-min=17.9km az=150.0

ISC 17 21:59:48.6, 0.8, 43.555N:0.07:140.90E:0.06, h210km, 6km, n26, c083/37, mb3.5/5, Hokkaido region

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

ISCJB 17 22:26:49.9, 1.3, 13.5N:0.1:90.84W:0.08, h50km, 53km, Error ellipse: s-maj=21.2km s-min=8.0km az=33.6

CASC 17 22:26:51.2, 1.8, 13.62N:90.78W, h37km, 5km, MD3.7, ML3.6

MEX 17 22:26:54.2, 0.3, 13.49N:91.22W, h21km, 18km, MD3.9 ISC 17 22:26:49.5, 2.6, 13.5N:0.1:90.86W:0.06, h31km, 18km, n12, c100/19, 1C-2D, Near coast of Guatemala

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

IDC 17 22:28:15.9, 1.3, 13.27N:145.63E, h0km, mb3.3/5, mb1.3, 6.5, mb1mx3.4/39, mbtmp3.3/5, Error ellipse: s-maj=29.1km s-min=20.2km az=45.0

ISCJB 17 22:28:19.9, 1.1, 13.3N:0.1:145.75E:0.1, h45km, mb3.4/5, Error ellipse: s-maj=25.5km s-min=12.7km az=36.5

ISC 17 22:28:22.0, 1.2, 13.33N:0.2:145.6E:0.2, h45km, n6, c119/17, mb3.4/5, Mariana Islands

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

ISCJB 17 22:33:42.0, 0.2, 7.48S:0.05:13.35W:0.04, h10km, mb4.8/9, MS4.6/39, Error ellipse: s-maj=6.0km s-min=5.3km az=169.5

IDC 17 22:33:41.6, 0.8, 7.53S:13.33W, h0km, mb4.5/18, mb1.4, 6/19, mb1mx4.3/41, mbtmp4.4/19, ML3.4/1, MS4.6/31, Ms1.4, 5/31, ms1mx4.5/33, Error ellipse: s-maj=21.0km s-min=18.5km az=130.0

MOS 17 22:33:42.0, 1.4, 7.51S:13.32W, h10km, mb5.1/37, MS4.7/13, Error ellipse: s-maj=14.0km s-min=5.7km az=62.5

BUI 17 22:33:42.0, 7.70S:13.50W, h11km, mb5.1/1, mb5.5/6, Ms5.3/7, Ms7.4/9/7

NEIC 17 22:33:43.4, 0.3, 7.52S:13.46W, h10km, mb5.1/36, Error ellipse: s-maj=10.4km s-min=9.8km az=138.1

GCMT 17 22:33:47.2, 0.1, 7.49S:13.52W, h12km, M12.2/112, Moment Tensor Solution, s71, c106, s112, c198, Duration: 1s0 Moment tensor: Scale 10^17N; Mn: 0.74:0.1; Mw: 0.04:0.1; Mww: 0.78:0.1; Mw: 0.10:0.04; Mww: 0.21:0.1; Mw: 0.01:0.3; Best double couple: Mo: 79400 x 10^17 Np1: 158.00000, 847.00000, -1.101.00000; Np2: 355.00000, 845.00000, -1.78.00000; Principal axes: T 0.8310, P1 0.0000, Azm256.0000; N: -0.0730, P1g8.0000; Azm166.0000; P: -0.7580, P1g82.0000; Azm354.0000; nstaz refers to body waves, cutoff=50s. nstaz2 refers to surface waves, cutoff=50s

BGR 17 22:33:48.9, 6.54S:12.72W, h10km, mb4.8, Ms4.6

ISC 17 22:33:43.5, 0.4, 7.59S:0.07:13.39W:0.08, h10km, n307, c135/30, mb5.0/95, MS4.7/39, 32C-17D, Ascension Island region

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

MOA Molln comp=Z,19nm,1.2s 60.36 21 fP P 22 43 49.6 -3.2

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

Table with columns for station name, time, and various codes. Includes stations like LANS, Liptovska Anna, Ostrava-Krasne, etc.

Table with columns for station name, time, and various codes. Includes stations like FINES, FINES Array B, SCHO, MAW, etc.

Table with columns for station name, time, and various codes. Includes stations like X31A, K31A, BRVK, etc.

ECX 17 23:58:43.4-0.6, 32.98N-116.46W, h5km, MD3.5, ML3.7
MEX 17 23:58:43.3-0.6, 33.05N-116.58W, h14km, 47km, MD3.6
ISC 17 23:58:42.3-0.6, 32.99N-116.45W, h13km, 6km, n75, e0.95/113, 8C-3D, California-Baja California border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MONP Monument Peak, CBKQ Canebrake, BAR Barrett, CRR Carrizo Plain, IBP Imperial Bould, SDRC San Diego Road, RMX La Rumorosa, SWSC Sam W. Stewart, SWSC Camp Elliot, YUH Yutha Desert, TJIG Tijuana, PFO Pinyon Flat Ob, WESC Westside School, CBX Cerro Bola, CBX Cerro Bola, MURC Murieta, BC3 Big Chockawall, BELC Belle Mtn. Jos, CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, RDX Rancho Dawling, PBX Punta Banda, ECN Esteban Cantu, GLA Glamis, ZAX El Zacaton, IRM Iron Mountain, SSK Sunset Peak, BFSC Mount Baldy Ra, CIS Catalina Islan, FMP Fort Macarthur, SCI San Clemente I, Y12C Blythe, MWC Mount Wilson, HEC Hector Ludlow, PASC Pasadena Art C, ECXB El Chinerero, DECC Green Verdugo, SPIG San Pedro Mart, SPX San Pedro Mart, EDW2 Edwards Air Fo, GSC Goldstone, BLG Laguna Peak, TUQ Turquoise Moun, OS1 Osito Adit, SNRC San Nicolas Is, LRMIC Laurel Mountai

Table with columns: LRMIC, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BSC Santa Cruz Isl, ARVC Arvin, SHOC Shoshone, ISA Isabella, ISA Isabella, 214A Organ Pipe Nat, PKM Pecos Mountain, DAC Darwin (Calif), SHPR Sheep Range, TMU Tunsteng Hills, TUC Tucson, WUAZ Wupatki, CCUT Cedar City, EKU East Kanab, R11A Troy Canyon, CMB Columbia Colle, MSU Marysville, DUG Dugway

ISC/JB 18 00:07:37.8-0.6, 37.20N-104.30:52E-10.06, h10km, Error ellipse: s-maj=6.3km s-min=5.0km az=174.5
CSEM 18 00:07:37.5-0.2, 37.23N-103.45E, h2km, MD2.6, Error ellipse: s-maj=6.0km s-min=5.0km az=124.0
ISK 18 00:07:37.1, 37.24N-103.45E, h9km, MD2.8
DDA 18 00:07:39.5, 37.19N-103.33E, h7km, MD2.6
ISC 18 00:07:37.0, 37.22N-103.30:47E-10.03, h10km, n22, e0.89/23, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KORT Korkueli, BCK Bucak, ANTB Antalya, ANTB Antalya, ANTB Antalya, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, ELL Elmali, ELL Elmali, GOLH Golhisar, GOLH Golhisar, AKAS Kas, AKAS Kas, FETY Fethiye, FETY Fethiye, KHAL Karahalli, KHAL Karahalli, DALY Dalayan (Mu'la), DALY Dalayan (Mu'la), YER Yerkesik, YER Yerkesik

IDC 18 00:23:42.2-1.2, 12.00N-86.38W, h0km, mb3.9/9, mb1.4/2.1, mb1mx3.9/34, mbtmp4.0/11, ML3.5/2, MS3.6/17, Ms1.3/6.17, ms1mx3.4/35, Error ellipse: s-maj=46.4km s-min=20.3km az=4.0
ISC/JB 18 00:23:45.9-0.7, 12.03N-86.30W-0.05, h33km, mb4.3/28, MS3.5/16, Error ellipse: s-maj=13.3km s-min=6.2km az=22.7
NEIC 18 00:23:53.2-1.3, 12.14N-86.17W, h87km, 11km, mb4.5/21, Error ellipse: s-maj=16.4km s-min=10.7km az=48.0
BUJ 18 00:23:54.0, 12.30N-86.10W, h74km, mb4.5/1, Ms5.0/1, Ms7.4/6.1

ISC 18 00:23:47.1±0.7, 12.02N-86.3W-0.1, h35km, n238, e0.79/227, mb4.4/28, MS3.5/16, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include TGUH Tegucigalpa, UN Serv Nav Est T, SMNET Serv Nav Est T, CMIG Matias Romero, ROSC El Rosal, SDV Santo Domingo, 034A Hebronville, 934A Benavides, 736A Circle Diamond, 539A Cross D Ranch, 834A Tilden, 636A Smothers Creek, 537A Green Hill Far, SJG San Juan, 833A Chaparral WMA, VBMS Vicksburg, 438A Sam Houston St, ATAH Atahualpa, 733A Divot King Ran, 832A Faith Ranch, 732A Laxson Ranch, 633A Saathoff Ranch, 534A Blanco, GOGA Godfrey, 632A Uvalde, 336A Riesel, CSU Charleston Sou, 631A Perdido Creek, 532A Rocksprings, 433A Art, 334A Lometa, WHTX Lake Whitney, 136A Ennis, 333A Richard Sprin, 234A Clairette, 530A J-C Ranch, Com, 531A Sonora, 332A Millersview

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Y39A Lockesburg, 233A Rising Star, 331A San Angelo, 232A Coleman, 529A Stev Forest Ra, CPCT Cooper Cave, MIAR Mount Ida, MIAR Mount Ida, KMCS Kings Mountain, Y37A Hugo, Z35A Perchaven, San, 133A Hamilton Ranch, TKL Tuckaleechee C, TKL Lajitas, LTX Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, 330A Merzouza, Z34A Collier Ranch, X38A Whitesboro, Y35A Marietta, X37A Clayton, WWT Waverly, Z33A Whitaker Ranch, W38A Poteau, 329A Wagon Wheel Ra, Y34A Reagan Ranch, X36A Centrahoma, X35A Drake, Z32A Hasskell, W37A Quinton, Y33A Hilltop Ranch, Z31A Sharp Cattle R, W36A Wetumka, X34A Smith Ranch, M, V38A Canehill, PBMO Poplar Bluff, W35A Tecumseh, Y32A R-V Farms, Ver, 228A UT Block 9, Go, X33A Lawton, V37A Hulbert, Z30A Sanderson Ranch, V36A Jenks, X32A Elmer, TUL1 Tulsa, Y31A Rekieta Farm, WMOK Wichita Mounta, 128A Caneberry Fa, W34A Bridge Creek, W34A Bridge Creek, Z29A Hungry Hill Ra, V35A Meyer Ranch C, W33A Caddo, Fort Co, U37A Salina, NNA Nana, X31A McDonald Ranch, LP1G La Paz, V34A Guthrie, V34A Guthrie, W32A Sentinel, X30A Coker Ranch, T, U35A Pawnee, V33A Lossen Ranch, T37A Cheneyville 18, V32A Arapaho, CCM Cathedral Cave, MNTX Cortidas Mount, MNTX Cornudas Mount, U36A Anderson Ranch, T36A Boggs Farm, C, MSTX Muleshoe, MSTX Muleshoe, V31A Spring Creek L, AMTX Amarillo, AMTX Amarillo, S37A Fort Scott, S36A Lake Cedric, C, S35A Otter Creek Ra, R37A Teagarden Farm, R36A Gordon, Harris, Q36A Arnold C. Orve, Q35A Mercer Eighty, KSU1 Kansas State U

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P36A, R31A, P35A, Q33A, P34A, PTGA, R30A, Q32A, P33A, ANMO, ANMO, ANMO, Q34A, P32A, Q33A, N35A, Q32A, N34A, M36A, Q28A, Q31A, M35A, L38A, Q30A, SDCO, SDCC, SAML, BGNE, M31A, K37A, L33A, S22A, L32A, J38A, K34A, J37A, J36A, L31A, K31A, I37A, I35A, K30A, ECSD, ECSD, I34A, K29A, J36A, H30A, K28A, LPAZ, H35A, J29A, SPMN, PDMCI, I30A, H32A, Q20A, SUSD, F36A, J26A, F35A, G32A, I27A, F33A, G30A, P17A, H28A, H27A, E31A, C37A, G26A, E30A, C35A, F27A, D30A, E28A, PD31, PDAR, HWUT, R11A, SNCC, C30A, B34A, AGMN.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like D28A, B32A, SIV, MDND, D26A, A33A, B30A, A32A, REDW, B29A, C26A, B28A, A29A, LVC, MCID, A28A, NV01, NVAR, NVAR, B25A, ULM, HLID, SCHO, BDFB, YKA, YKBS, ILAR, ILAR, ILB, PPT, CN2, WMO, HHC, HHC, HHC, HHC, KSH, ASAR, KMI, CMAR, JMA, I46, TWF1, TWF1, EHY, CHKT, TEGC, ESL, ESL, ELDTW, WDT, WDT, YUS, YUS, TWD, TWD, TWG, ALS, ALS, SMLT, SMLT, WHF, WHF, TYC, TYC, CHN5, CHN5, WTP, WTP, CHN4, CHN4, TWT, TWT, TWT, SGST, SGST, WNT, WNT, CHN1, CHN1.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WGK, TWK, TWK, ENA, ENA, NNS, NNS, SSD, TCU, TAW, EAST, TWQ1, TWQ1, TWQ1, TWC, TWC, ENT, ENT, NSY, NSK, NSK, SCZT, SCZT, TWE, TWE, JYNG, YOJ, YOJ, NWF, PNG, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JISG, JISG, JTJ, JTJ.

ISCJB 18 00:54:07.9, 0.8, 24.52N, 0.06, 122.67E, 0.03, h94km, gkm, Error ellipse: s-maj=9.4km s-min=3.8km az=172.9 TAP 18 00:54:07.2, 24.58N, 122.68E, h104km, ML3.3, C JMA 18 00:54:07.0, 0.2, 24.53N, 122.65E, h105km, 2km ISC 18 00:54:08.2, 1.8, 24.51N, 122.67E, 0.03, h95km, 13km, n28, c058/49, 1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JYNG, YOJ, YOJ, TWC, TWC, TWB1, ENA, ENA, TWE, TWE, NWF, IRIF, ENT, ENT, TWD, TWD, NNS, NNS, NSK, NSK, JKRS, JKRS, ESL, ESL, WHF, WHF, JIJ, JIJ, TWT, TWT, JISG, JISG, EHY, EHY, WDT, WDT, WDT, WDT, TWF1, TWF1, SMLT, SMLT, SMLT, SMLT, TYC, TYC, WTP, WTP, ALS, ALS, ELDTW, ELDTW, ELDTW, WTP, WTP, CHN1, CHN1.

IDC 18 01:21:46.5:2.9,23:30N:94.77E,h245km,29km,mb3.3/10,mb1.3/4.1,mb1mx3.1/46,mbtmp3.8/11,Error ellipse: s-maj=50.9km s-min=11.4km az=56.0

ISC 18 01:21:31.7:1.0,23:5N:02:94.2E:0.1,h100km,m22,e=147/28,mb3.8/10, Myanmar-India border region

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

IDC 18 01:26:06.7:3.7,11:61N:44:02E,h0km,mb3.4/3,mb1.3/4.3,mb1mx3.2/39,mbtmp3.4/3,Error ellipse: s-maj=88.3km s-min=21.3km az=156.0,Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arta Tunnel, Furi, Keskin Array B, etc.

ISCJB 18 01:31:46.5:1.8,15:64S:0:04:74:85W:0:04,h15km,12km,mb4.9/103,MS4.3/14,Error ellipse: s-maj=8.7km s-min=4.2km az=135.9

IDC 18 01:31:47.4:0.6,15:68S:74:87W,h0km,mb4.5/13,mb1.4/6.17,mb1mx4.6/26,mbtmp4.5/17,ML3.9/4,MS4.3/18,MS1.4/3.18,ms1mx4.2/19,Error ellipse: s-maj=21.6km s-min=14.0km az=50.0

MOS 18 01:31:51.7:1.3,15:62S:74:88W,h33km,mb5.1/26,Error ellipse: s-maj=12.8km s-min=6.8km az=120.0

BJJ 18 01:31:51.0,15:80S:74:80W,h23km,mb5.2/19,MS5.5/11,MS7.5/212

NEIC 18 01:31:51.7:0.2,15:68S:74:74W,mb5.0/84,ML5.0(ARE),Error ellipse: s-maj=8.2km s-min=4.1km az=53.0

NEIC Felt [I] at Lomas and San Juan. Also felt at Camana, Nazca and Puguio.

GCMT 18 01:31:53.1:0.3,15:82S:75:28W,h26km,1km,MW5.1/61, Moment Tensor Solution. s34,c41; s61,c84; Duration: 0 Moment tensor: Scale 10^19Nm; Mr2.62±.16; Mw=4.62±.36; Mw-2.4±.19; Mw0.76±.17; Mw1.1±.08; Mw-4.62±.36; Best double couple: Ms5.45100±101; NP1=169.00000°,δ17.00000°,γ97.00000°; NP2=323.00000°,δ17.00000°,γ65.00000°; Principal axes: T: 5.3580,Plg59.0000°,Azm89.0000°; N: 0.1860,Plg7.0000°,Azm347.0000°; P: -5.5440,Plg30.0000°,Azm253.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 18 01:31:51.5:0.6,15:72S:0:05:74:83W:0:05,h25km,3km,h25km:pp-P,n555,0996/562,mb5.0/103,MS4.3/14,6C-3D, Near coast of Peru

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

Main table with columns: CPUP, Station Name, Az, Phase ID, Time, Res. Includes stations like Florida, Pitinga, Brasilia, etc.

Main table with columns: MIAR, Station Name, Az, Phase ID, Time, Res. Includes stations like Mount Ida, Merzton, etc.

S34A	Willow Spring	57.11	339	P	P	01	41	35.3	-0.6	OGNE	Ogallala	61.76	337	P	P	01	42	07.9	-0.2	F29A	Eureka	65.30	341	P	P	01	42	30.9	-0.3
R36A	Gordon, Harris	57.14	341	P	P	01	41	35.5	-0.6	OGNE	Ogallala	61.76	337	eP	P	01	42	09.3	+1.3	FURC	Furnace Creek,	65.33	324	P	P	01	42	32.2	+0.6
T32A	Huddler Ranch,	57.30	337	P	P	01	41	37.1	-0.2	L30A	Spencer Herefo	61.80	339	P	P	01	42	06.7	-0.7	NLU	North Lily Min	65.34	329	eP	P	01	42	33.5	+1.6
Q37A	Longview Farm,	57.33	342	P	P	01	41	36.7	-0.6	I37A	Lemond, Waseca	61.81	345	P	P	01	42	07.3	-1.0	NLU		65.35	344	eP	P	01	42	40.0	+0.1
U30A	WK&E Inc. Balk	57.40	335	P	P	01	41	37.6	-0.4	J34A	George	61.83	343	P	P	01	42	07.6	-0.8	D33A	AnnSam, Waubun	65.35	344	P	P	01	42	31.4	-0.1
121A	Cookes Peak, D	57.41	327	P	P	01	41	38.3	0.0	K32A	Verdige	61.87	341	P	P	01	42	07.9	-0.7	E31A	Nome	65.37	343	P	P	01	42	31.7	0.0
121A	Cookes Peak, D	57.41	327	eP	P	01	41	38.8	+0.5	I36A	Fitzsimmons Fa	61.98	344	P	P	01	42	09.0	-0.3	C35A	Jirik Farms, M	65.41	346	P	P	01	42	31.9	0.0
T31A	Randall Ranch,	57.51	337	P	P	01	41	38.2	-0.6	I35A	Creekview Farm	62.08	344	P	P	01	42	09.7	-0.4	H25A	Fruitdale	65.51	338	P	P	01	42	32.5	-0.2
HDIL	Hopedale	57.57	347	P	P	01	41	36.9	-2.1	K31A	O'Neill	62.08	340	P	P	01	42	10.0	-0.1	G27A	Dupree	65.58	339	P	P	01	42	32.7	-0.4
R34A	Isabella, Hill	57.70	339	P	P	01	41	39.5	-0.5	J33A	Davis	62.15	342	P	P	01	42	10.0	-0.5	DAC	Darwin (Calif)	65.62	323	eP	P	01	42	34.5	+0.8
Q36A	Arnold C. Orve	57.71	341	P	P	01	41	39.8	-0.3	PV01	Paradox Valley	62.22	330	eP	P	01	42	11.9	+0.6	DAC	Darwin (Calif)	65.62	323	eP	P	01	42	34.5	+0.8
S32A	Newby Ranch, P	57.76	337	P	P	01	41	39.7	-0.8	H37A	Dierke Farm, C	62.23	345	P	P	01	42	10.8	-0.2	E30A	Jud	65.62	342	P	P	01	42	33.1	-0.2
Q35A	Mercer Eighty,	57.80	341	P	P	01	41	40.5	-0.2	ISCO	Idaho Springs	62.23	334	eP	P	01	42	11.3	-0.3	F28A	McLaughlin	65.62	340	P	P	01	42	32.9	-0.5
T30A	Plains	57.80	336	P	P	01	41	40.3	-0.5	ISCO	Idaho Springs	62.23	334	P	P	01	42	11.2	-0.3	D32A	Dogwood Acres,	65.66	344	P	P	01	42	33.4	-0.1
S31A	Mullinville	57.90	337	P	P	01	41	41.2	-0.2	ISCO	Idaho Springs	62.23	334	eP	P	01	42	11.3	-0.3	ISA	Isabella	65.71	322	eP	P	01	42	34.9	+0.7
R33A	Olander Ranch,	57.96	339	P	P	01	41	41.7	-0.1	SMCO	Snowmass	62.32	332	eP	P	01	42	13.3	+1.1	ISA	Isabella	65.71	322	eP	P	01	42	34.0	-0.2
Q34A	Chapman	58.15	340	P	P	01	41	43.0	-0.2	K30A	Basset	62.41	340	P	P	01	42	12.7	+0.4	ISA	Isabella	65.71	322	eP	P	01	42	34.9	+0.7
T29A	Hugoton	58.20	335	P	P	01	41	43.3	-0.3	ECSO	EROS Data Cent	62.43	342	P	P	01	42	11.5	-0.9	G26A	Maurine	65.74	339	P	P	01	42	33.5	-0.7
P36A	Good Intent, A	58.24	342	P	P	01	41	42.9	-0.9	ECSO	EROS Data Cent	62.43	342	eP	P	01	42	11.9	-0.5	DUG	Dugway	65.89	329	eP	P	01	42	36.7	+1.3
S30A	Montezuma	58.29	336	P	P	01	41	43.6	-0.6	J32A	Parkston	62.47	341	P	P	01	42	11.8	-0.8	DUG	Dugway	65.89	329	P	P	01	42	35.8	+0.5
R32A	Long Quarter,	58.32	338	P	P	01	41	44.0	-0.4	H36A	Jessenland, He	62.48	345	P	P	01	42	11.9	-0.7	DUG	Dugway	65.89	329	eP	P	01	42	36.7	+1.3
P35A	Duane Minner,	58.41	341	P	P	01	41	44.8	-0.2	I34A	Hadley	62.49	343	P	P	01	42	13.0	+0.2	C33A	Tra	65.91	345	P	P	01	42	34.7	-0.4
R31A	Burdett	58.50	337	P	P	01	41	45.6	-0.1	BC3	Big Chuckwall	62.53	322	P	P	01	42	13.0	-0.4	R11A	Troy Canyon, C	65.96	326	P	P	01	42	36.6	+0.7
Q33A	Connelly Farm,	58.52	339	P	P	01	41	45.8	0.0	MONP	Monument Peak	62.57	321	P	P	01	42	14.9	+1.1	R11A	Troy Canyon, C	65.96	326	eP	P	01	42	37.3	+1.4
S29A	Ulysses	58.53	336	P	P	01	41	45.6	-0.3	IRM	Iron Mountain	62.71	323	P	P	01	42	15.3	+0.8	B35A	Bob, Littlefor	65.97	346	P	P	01	42	34.9	-0.6
LAZ	Ladron	58.55	329	eP	P	01	41	46.6	+0.3	K29A	Lazy Trails An	62.73	339	P	P	01	42	14.2	-0.3	GRAC	Grapevine Rang	65.99	324	P	P	01	42	35.2	-0.8
ANMO	Albuquerque	58.65	330	eP	P	01	41	47.4	+0.4	I33A	Coleman	62.77	342	P	P	01	42	14.1	-0.5	PKM	Peak Mountain	66.01	321	P	P	01	42	35.4	-0.9
ANMO	Albuquerque	58.65	330	eP	P	01	41	47.4	+0.4	SPMN	St. Paul	62.81	346	P	P	01	42	14.2	-0.7	F27A	Lemmon	66.05	340	P	P	01	42	35.9	-0.2
P34A	Walnut Farm, R	58.68	340	P	P	01	41	46.1	-0.8	SPMN	St. Paul	62.81	346	eP	P	01	42	14.3	-0.5	D30A	Buchanan	66.12	342	P	P	01	42	36.6	+0.1
N38A	Joel South For	58.76	344	P	P	01	41	46.5	-0.8	H35A	Sunnyside Ranch	62.82	344	P	P	01	42	14.1	-0.8	YES	Vestal, Richgr	66.20	322	P	P	01	42	36.4	-0.8
Q32A	Meitler Ranch,	58.77	338	P	P	01	41	46.5	-1.0	I32A	Karley and Nic	62.95	342	P	P	01	42	14.8	-1.0	E28A	Huff	66.23	341	P	P	01	42	37.5	+0.3
R30A	Dighton	58.78	337	P	P	01	41	46.8	-0.9	J30A	Dallas	62.95	340	P	P	01	42	15.4	-0.5	F26A	Lodgepole	66.25	339	P	P	01	42	37.1	-0.3
S28A	Manter	58.82	335	P	P	01	41	47.2	-0.7	G36A	St. Michael	63.05	345	P	P	01	42	16.0	-0.4	B34A	Aery, Baudette	66.31	346	P	P	01	42	36.9	-0.7
TUC	Tucson	58.87	324	eP	P	01	41	48.9	+0.5	H34A	Spean Lake,	63.05	343	P	P	01	42	16.0	-0.5	B33A	Robert and Kas	66.33	345	P	P	01	42	38.0	+0.1
TUC	Tucson	58.87	324	eP	P	01	41	48.9	+0.5	K28A	Ten Mile Ranch	63.05	338	P	P	01	42	16.7	0.0	PDAR	Pinedale Array	66.37	333	P	P	01	42	38.0	-0.5
N37A	Lee Faris, Mou	58.99	343	P	P	01	41	48.5	-0.5	PFO	Pinyon Flat Ob	63.09	322	eP	P	01	42	19.0	+1.8	PDAR	Pinedale Array	66.37	333	P	P	01	42	38.0	-0.5
CBKS	Cedar Bluff	59.04	337	eP	P	01	41	49.3	-0.1	PFO	Pinyon Flat Ob	63.09	322	eP	P	01	42	19.0	+1.8	BW06	Boulder Array	66.37	333	eP	P	01	42	39.4	+0.9
CBKS	Cedar Bluff	59.04	337	eP	P	01	41	48.7	-0.7	PFO	Pinyon Flat Ob	63.09	322	P	P	01	42	17.5	+0.3	BW06	Boulder Array	66.37	333	eP	P	01	42	46.1	-0.4
CBKS	Cedar Bluff	59.04	337	eP	P	01	41	49.3	-0.1	PFO	Pinyon Flat Ob	63.09	322	P	P	01	42	19.0	+1.8	HWUT	Hardware Ranch	66.37	331	eP	P	01	42	38.9	+0.4
Q31A	Elis	59.08	338	P	P	01	41	49.0	-0.7	BELC	Belle Mtn. Jos	63.09	322	P	P	01	42	16.3	-0.9	AGMN	Agassiz Nation	66.43	345	P	P	01	42	38.4	0.0
O34A	Beatrice	59.22	341	P	P	01	41	49.6	-0.9	G35A	Watkins	63.22	345	P	P	01	42	17.2	-0.3	AGMN	Agassiz Nation	66.43	345	eP	P	01	42	37.8	-0.7
R29A	Marienthal	59.23	336	P	P	01	41	49.4	-1.4	I31A	Royce, Wessing	63.28	341	P	P	01	42	17.2	-0.8	C31A	Landman Farms	66.46	343	P	P	01	42	38.8	+0.2
M38A	Pleasantville	59.33	344	P	P	01	41	50.6	-0.7	N23A	Red Feather La	63.28	334	P	P	01	42	17.2	-1.2	BGU	Big Grassy Mou	66.55	329	eP	P	01	42	41.1	+1.5
Q30A	Quinter	59.36	337	P	P	01	41	50.6	-1.1	N23A	Red Feather La	63.28	334	eP	P	01	42	20.1	+1.6	C30A	Mose, Pekin	66.58	343	P	P	01	42	39.6	+0.2
O33A	Hebron	59.41	340	P	P	01	41	50.8	-1.1	J29A	Okreek	63.30	339	P	P	01	42	17.7	-0.5	F25A	Bowman	66.59	339	P	P	01	42	39.7	+0.1
R28A	Tribune	59.43	336	P	P	01	41	51.4	-0.8	H33A	Prehn Over Nor	63.33	343	P	P	01	42	17.1	-1.3	B32A	Ashes, Strandq	66.69	344	P	P	01	42	40.1	0.0
T25A	Trinidad	59.50	333	P	P	01	41	51.9	-1.0	H32A	Carlson Farm,	63.37	342	P	P	01	42	17.3	-1.3	E26A	Carlson Angus	66.72	340	P	P	01	42	40.3	-0.1
T25A	Trinidad	59.50	333	eP	P	01	41	53.6	+0.8	PHWY	Pilot Hill	63.42	335	eP	P	01	42	20.6	+1.3	D28A	Regan	66.75	341	P	P	01	42	40.3	-0.2
N35A	Tabor	59.51	342	P	P	01	41	51.7	-0.9	G34A	Benson	63.54	344	P	P	01	42	18.9	-0.8	MTUM	Tungsten Hills	66.92	323	eP	P	01	42	43.9	+1.8
P31A	Stockton	59.53	338	P	P	01	41	52.0	-0.8	F36A	Milaca	63.58	346	P	P	01	42	19.1	-0.8	D27A	Center	66.92	341	P	P	01	42	42.3	+0.4
M37A	Trindle Farm,	59.55	343	P	P	01	41	52.1	-0.7	J28A	Allard Ranch,	63.63	339	P	P	01	42	20.0	-0.4	MDND	Maddock	67.04	342	P	P	01	42	41.8	-0.6
Q29A	Oakley	59.58	336	P	P	01	41	53.0	-0.1	O20A	White River Ci	63.67	332	P	P	01	42	20.1	-0.8	MDND	Maddock	67.04	342	eP	P	01	42	41.3	-1.1
N34A	Lincoln	59.75	341	P	P	01	41	53.6	-0.7	O20A	White River Ci	63.67	332	eP	P	01	42	21.6	+0.6	AHID	Auburn Hatcher	67.06	332	eP	P	01	42	42.4	-0.5
214A	Organ Pipe Nat	59.77	323	P																									

KMBO	0.0nm,0.3s,baz=34,slow=15,SNR=6.4	LR	02 05 52.3	KKAR	comp=Z,4.0nm,0.8s	38.49	32	P	P	02 04 18.0 +1.4
KMBO	comp=Z,4um,19.1s,baz=36,slow=37			DRGR	comp=Z,3.8nm,0.8s	38.98	33	P	P	02 04 21.4 +0.7
KMBO	Kilima Mbogo 14.74 207 ePn	Pn	02 00 23.2 +0.3	DRGR	comp=Z,3.8nm,0.8s	38.98	33	P	P	02 04 21.4 +0.7
ASUD	Al Ashush, Dub 16.45 39 fP	P	02 00 43.0 -2.1	DRGR	comp=Z,3.8nm,0.8s	38.98	33	P	P	02 04 21.4 +0.7
FAQ	Al Faqa, Dubai 16.70 39 fP	Pn	02 00 47.2 -1.1	VRH	Novokhoporsky	39.05	35	eP	P	02 04 22.0 +0.9
FAQ	Al Faqa, Dubai 16.70 39 P	Pn	02 00 47.2 -1.1	VRH	comp=Z,10.0nm,0.8s				pmax	
NAZ	Nazwa, Dubai 16.93 39 fP	Pn	02 00 50.2 -0.9	VRH	comp=N,30nm,1.5s				pmax	
NAZ	Nazwa, Dubai 16.93 39 P	Pn	02 00 50.2 -0.9	VRH	comp=E,20nm,0.7s				pmax	
ASHO	Ashtiyah 16.95 41 fP	Pn	02 00 49.1 -2.4	VRH	Novokhoporsky	39.05	35	eP	P	02 04 22.0 +0.9
HATD	Hatta, Dubai 17.10 41 fP	Pn	02 00 51.8 -1.6	VSR	Storozhevo	39.22	35	eP	P	02 04 21.2 -1.3
HATD	Hatta, Dubai 17.10 41 P	P	02 00 51.8 -1.6	VSR	comp=Z,7.0nm,0.6s				pmax	
UOSS	Wadi Hilu 17.23 40 ePn	P	02 00 55.5 -1.1	VSR	comp=N,9.0nm,0.8s				pmax	
UOSS	Wadi Hilu 17.23 40 P	P	02 00 55.5 -1.1	VSR	comp=E,3.0nm,0.5s				pmax	
MBAR	Mbarara 18.23 227 LR	LR	02 07 55.1	VSR	Storozhevo	39.22	35	eP	P	02 04 21.2 -1.3
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KSH	Kashi	39.32	40	eP	P	02 04 21.3 -2.4
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	KSH	comp=Z,11nm,1.2s				PMZ	
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	KSH	comp=E,67nm,3.5s				LN	
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	KSH	comp=E,260nm,10.0s				LE	
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	KSH	comp=E,550nm,9.9s				LZ	
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	KSH	comp=E,500nm,11.9s				LZ	
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	AKTO	AKtyubinsk	39.34	16	eP	P	02 04 23.4 -0.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	AKTO	comp=Z,1.1nm,0.8s,baz=108,slow=8.0,SNR=4.1				P	02 04 23.4 -0.2
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	EKS2	Erkin-Say	39.34	35	eP	P	02 04 30.2 +1.3
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	EKS2	comp=Z,13nm,1.4s				PMZ	
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	EKS2	Erkin-Say	39.34	35	eP	P	02 04 30.2 +1.3
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	EKS2	comp=Z,13nm,1.4s				PMZ	
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	EKS2	Erkin-Say	39.34	35	eP	P	02 04 30.2 +1.3
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	EKS2	Erkin-Say	39.34	35	eP	P	02 04 30.2 +1.3
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	PKSM	Moragy	40.23	33	fP	P	02 04 30.5 -0.5
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	PKSM	comp=Z,1.1nm,0.8s,baz=108,slow=8.0,SNR=4.1				P	02 04 30.5 -0.5
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	PKSM	Moragy	40.23	33	fP	P	02 04 30.5 -0.5
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	PKSM	Moragy	40.23	33	fP	P	02 04 30.5 -0.5
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	AAK	Ala-Archa	40.33	35	LR	LR	02 23 40.8
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	AAK	comp=Z,368nm,21.7s,baz=229,slow=40				P	02 04 33.3 +1.2
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	AAK	Ala-Archa	40.33	35	fP	P	02 04 33.3 +1.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	AAK	comp=Z,15nm,1.0s				PMZ	
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	AAK	Ala-Archa	40.33	35	eP	P	02 04 32.7 +0.6
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	AAK	comp=Z,11nm,1.1s				P	02 04 32.7 +0.6
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	AAK	Ala-Archa	40.33	35	eP	P	02 04 32.7 +0.6
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	AAK	comp=Z,11nm,1.1s				P	02 04 32.7 +0.6
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	KIEV	comp=Z,17nm,1.9s				PMZ	
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	KIEV	comp=Z,17nm,1.9s				PMZ	
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	KIEV	comp=Z,17nm,1.9s				PMZ	
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	KIEV	comp=Z,17nm,1.9s				PMZ	
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	KIEV	comp=Z,17nm,1.9s				PMZ	
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	KIEV	comp=Z,17nm,1.9s				PMZ	
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	KIEV	comp=Z,17nm,1.9s				PMZ	
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	KIEV	comp=Z,17nm,1.9s				PMZ	
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	KIEV	comp=Z,17nm,1.9s				PMZ	
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	KIEV	comp=Z,17nm,1.9s				PMZ	
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	KIEV	comp=Z,17nm,1.9s				PMZ	
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	KIEV	comp=Z,17nm,1.9s				PMZ	
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	KIEV	comp=Z,17nm,1.9s				PMZ	
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	KIEV	comp=Z,17nm,1.9s				PMZ	
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	KIEV	comp=Z,17nm,1.9s				PMZ	
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	KIEV	comp=Z,17nm,1.9s				PMZ	
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IRAM	Ramesheh 21.09 20 P	P	02 01 37.5 -1.6	KIEV	comp=Z,17nm,1.9s				PMZ	
IMEH	Mehriz 21.57 25 eP	P	02 01 41.7 -2.5	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IMEH	Mehriz 21.57 25 P	P	02 01 41.7 -2.5	KIEV	comp=Z,17nm,1.9s				PMZ	
ISAD	Sadrabad 21.66 23 eP	P	02 01 43.9 -1.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ISAD	Sadrabad 21.66 23 P	P	02 01 43.9 -1.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IZEF	Zefreh 22.08 19 eP	P	02 01 48.0 -1.7	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IZEF	Zefreh 22.08 19 P	P	02 01 48.0 -1.7	KIEV	comp=Z,17nm,1.9s				PMZ	
ICHK	Chekchek 22.23 24 eP	P	02 01 49.0 -2.3	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
ICHK	Chekchek 22.23 24 P	P	02 01 49.0 -2.3	KIEV	comp=Z,17nm,1.9s				PMZ	
IKLH	Kolahrud 22.24 17 eP	P	02 01 50.6 -0.9	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IKLH	Kolahrud 22.24 17 P	P	02 01 50.6 -0.9	KIEV	comp=Z,17nm,1.9s				PMZ	
MMAI	Mount Meron Ar 22.27 341 P	P	02 01 52.6 +1.1	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
MMAI	Mount Meron Ar 22.27 341 LR	LR	02 09 46.1	KIEV	comp=Z,17nm,1.9s				PMZ	
IRAM	Ramesheh 21.09 20 eP	P	02 01 37.5 -1.6	KIEV	Kiev	40.36	34	fP	P	02 04 33.2 +1.2
IRAM	Ramesheh 21.09 20 P	P	02 01							

IMEH	Mehrizz	21.73	25	eP	P	02 30 40.1 -3.3
ISAD	Sadrabad	21.81	23	eP	P	02 30 42.6 -1.7
ISAD	Sadrabad	21.81	23	eP	P	02 30 42.6 -1.7
IZEF	Zefreh	22.23	19	eP	P	02 30 46.1 -2.7
IZEF	Zefreh	22.23	19	eP	P	02 30 46.1 -2.7
MMAI	Moumi Meron Ar	22.34	31	P	P	02 30 50.6 +0.8
MMAI	LR				LR	02 38 45.2
ICHK	Chekcho	22.39	24	eP	P	02 30 46.2 -4.2
IKLH	Kolahrood	22.39	17	eP	P	02 30 49.9 -0.7
IKLH	Kolahrood	22.39	17	eP	P	02 30 49.9 -0.7
IKOO	Kooshah	24.66	32	eP	P	02 31 12.3 -0.6
IKOO	Kooshah	24.66	32	eP	P	02 31 12.3 -0.6
CSS	Prodhromos	24.82	339	eP	P	02 31 15.4 +1.3
CSS	Prodhromos	24.82	339	eP	P	02 31 15.4 +1.3
ITEG	Tejag	24.90	31	eP	P	02 31 11.1 -4.0
IDAH	Dahanechah	25.36	33	eP	P	02 31 18.6 -0.7
IDAH	Dahanechah	25.36	33	eP	P	02 31 18.5 -0.7
MALT	Malatya	26.68	350	eP	P	02 31 32.9 +1.8
MALT	Malatya	26.68	350	eP	P	02 31 33.1 +2.0
MALT	Malatya	26.68	350	eP	P	02 31 32.9 +1.8
GNI	Garni	26.80	11	iP	P	02 31 44.5 +0.8
GNI	comp-Z,150nm,1.2s	28.08	1	iP	P	02 31 44.5 +0.8
GNI	comp-Z,150nm,1.2s	28.08	1	eP	P	02 31 45.2 +1.5
GEYT	Alibeck	28.82	24	P	P	02 31 50.2 0.0
GEYT	comp-Z,2.2nm,0.6s,baz=224,slow=6.2,SNR=8.8				LR	02 45 03.2
BRTR	Keakin Array B	29.10	344	P	P	02 31 53.7 +1.0
BRTR	comp-Z,8.9nm,1.0s,baz=155,slow=9.6,SNR=57				LR	02 42 46.7
ANTO	Ankara	29.47	343	eP	P	02 31 56.6 +0.7
ANTO	comp-Z,21nm,1.0s	29.47	343	eP	P	02 31 56.6 +0.7
ANTO	Ankara	29.47	343	eP	P	02 31 56.6 +0.7
ANTO	comp-Z,21nm,1.0s	29.47	343	eP	P	02 31 56.6 +0.7
MAK	Makhachkala	31.04	5	eP	MLR	02 32 19.4 +1.0
MAK	comp-Z,949nm,17.0s	31.18	358	iP	P	02 32 14.5 +3.3
NEY	Neyrhino	31.18	358	iP	P	02 32 14.5 +3.3
NCK	Nalchik	31.42	360	iP	P	02 32 13.3 +0.3
NCK	Nalchik	31.42	360	iP	P	02 32 13.3 +0.3
KBZ	Khabaz	31.66	359	P	P	02 32 15.7 +0.6
KBZ	comp-Z,5.6nm,1.0s,baz=190,slow=11.1,SNR=8.1				LR	02 46 27.5
SOC	Sochi	31.71	354	eP	P	02 32 13.6 -1.9
SOC	comp-Z,204nm,19.3s,baz=176,slow=39				LR	02 33 20.4
SOC	Sochi	31.71	354	eP	P	02 32 22.9 -2.8
SOC	comp-Z,12nm,0.6s				MLR	02 39 29.6
SOC	Sochi	31.71	354	eP	P	02 32 13.6 -1.9
SOC	comp-Z,210nm,12.0s				MLR	02 32 13.6 -1.9
SOC	Sochi	31.71	354	eP	P	02 32 13.6 -1.9
SOC	comp-Z,12nm,0.6s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,23nm,1.0s				MLR	02 32 27.6 -1.2
SOC	Kislovodsk	31.89	358	eP	P	02 32 18.5 +1.2
SOC	comp-Z,161nm,16.0s				MLR	0

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like Sterling City, Haskell, Cheneyville 18, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like Mount Signal, El Chinero, Yuma Desert, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like Tucson, G?zelcam!, Zeytinkoy-Aydi, etc.

Table with columns: THZ, Tophouse, 3.11 210, PN, Pn, 04 10 50.5 -1.7, etc.

DDA 18 04:25:11.8, 36°94'N, 33°96'E, h16km, MD3.0
ISK 18 04:25:11.6, 36°86'N, 33°91'E, h6km, MD3.0
CSEM 18 04:25:12.2, 0.2, 36°91'N, 33°91'E, h2km, MD3.0, Error ellipse: s-maj=6.0km s-min=4.1km az=61.0

ISC 18 04:25:11.5-1.2, 36°87'N, 02°33'93"E, 0.03, h3km, m10km, n54, c059772, Turkey

Main station list for 907, including Mersin, Konya-Eregli, Gulek, Yesilyurt, Karaisalı, Adana, etc.

33nm, 0.5s, KAMA Osmaniye, 2.21 81 P, S, Pn, 04 25 51.0 -1.2, etc.

ISC 18 04:31:29.9, 1.6, 8°17'S, 130°03'E, h0km, mb3.5/1, mb1.9/4, mb1mx3.6/36, mbtmp3.7/4, ML3.7/3, MS3.1/1, Ms1.3/1, ms1mx2.6/23, Error ellipse: s-maj=8.3km s-min=25.2km az=75.0, Timbar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISC 18 04:32:10.4, 1.0, 55°96'S, 26°73'W, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.8/25, mbtmp3.9/4, Error ellipse: s-maj=41.6km s-min=24.7km az=73.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

DDA 18 04:35:10.2, 36°94'N, 33°99'E, h7km, MD2.9
CSEM 18 04:35:11.3, 0.3, 36°93'N, 34°00'E, h2km, MD2.9, Error ellipse: s-maj=6.0km s-min=4.2km az=70.0
ISK 18 04:35:11.8, 36°95'N, 34°02'E, h9km, MD2.8
ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

Table with columns: KIZK Mersin, 0.47 166, P, Sg, 04 35 19.9 0.0, etc.

SKHL 18 04:35:44.3, 0.7, 52°15'N, 142°10'E, h10km, mb4.4/9, Ms4.0/3, msh4.8/1

IDC 18 04:35:45.1, 0.6, 52°12'N, 142°21'E, h0km, mb4.1/20, mb1.4/3.23, mb1mx4.2/46, mbtmp4.0/23, ML3.4/3, MS2.9/6, Ms1.3/0.6, ms1mx2.8/42, Error ellipse: s-maj=18.1km s-min=13.3km az=151.0

ISCJTB 18 04:35:45.3, 0.3, 52°12'N, 02°142'07"E, 0.04, h10km, mb4.2/32, MS3.3/5, Error ellipse: s-maj=3.8km s-min=2.8km az=176.5

BUJ 18 04:35:45.9, 52°56'N, 141°91'E, h11km, mb4.5/1, mb4.7/2, Ms4.6/1, Ms7.4/4.1

MOS 18 04:35:46.0, 1.7, 52°21'N, 142°12'E, h14km, mb4.3/7, Error ellipse: s-maj=1.1km s-min=6.0km az=83.1

NEIC 18 04:35:48.6, 2.5, 52°13'N, 142°20'E, h22km, 19km, mb4.5/3, Error ellipse: s-maj=8.8km s-min=5.4km az=151.0

ISC 18 04:35:46.8, 0.4, 52°13'N, 03°142'18"E, 0.03, h10km, n64, c1934/75, mb4.2/32, MS3.3/5, 10C-32, Sakhalin Island

Main station list for 2010 NOV, including Mersin, Konya-Eregli, Gulek, Yesilyurt, Karaisalı, Adana, etc.

33nm, 0.5s, KAMA Osmaniye, 2.21 81 P, S, Pn, 04 25 51.0 -1.2, etc.

ISC 18 04:31:29.9, 1.6, 8°17'S, 130°03'E, h0km, mb3.5/1, mb1.9/4, mb1mx3.6/36, mbtmp3.7/4, ML3.7/3, MS3.1/1, Ms1.3/1, ms1mx2.6/23, Error ellipse: s-maj=8.3km s-min=25.2km az=75.0, Timbar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISC 18 04:32:10.4, 1.0, 55°96'S, 26°73'W, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.8/25, mbtmp3.9/4, Error ellipse: s-maj=41.6km s-min=24.7km az=73.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

DDA 18 04:35:10.2, 36°94'N, 33°99'E, h7km, MD2.9
CSEM 18 04:35:11.3, 0.3, 36°93'N, 34°00'E, h2km, MD2.9, Error ellipse: s-maj=6.0km s-min=4.2km az=70.0
ISK 18 04:35:11.8, 36°95'N, 34°02'E, h9km, MD2.8
ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

Table with columns: EKMR, 0.47 166, P, Sg, 04 35 19.9 0.0, etc.

SKHL 18 04:35:44.3, 0.7, 52°15'N, 142°10'E, h10km, mb4.4/9, Ms4.0/3, msh4.8/1

IDC 18 04:35:45.1, 0.6, 52°12'N, 142°21'E, h0km, mb4.1/20, mb1.4/3.23, mb1mx4.2/46, mbtmp4.0/23, ML3.4/3, MS2.9/6, Ms1.3/0.6, ms1mx2.8/42, Error ellipse: s-maj=18.1km s-min=13.3km az=151.0

ISCJTB 18 04:35:45.3, 0.3, 52°12'N, 02°142'07"E, 0.04, h10km, mb4.2/32, MS3.3/5, Error ellipse: s-maj=3.8km s-min=2.8km az=176.5

BUJ 18 04:35:45.9, 52°56'N, 141°91'E, h11km, mb4.5/1, mb4.7/2, Ms4.6/1, Ms7.4/4.1

MOS 18 04:35:46.0, 1.7, 52°21'N, 142°12'E, h14km, mb4.3/7, Error ellipse: s-maj=1.1km s-min=6.0km az=83.1

NEIC 18 04:35:48.6, 2.5, 52°13'N, 142°20'E, h22km, 19km, mb4.5/3, Error ellipse: s-maj=8.8km s-min=5.4km az=151.0

ISC 18 04:35:46.8, 0.4, 52°13'N, 03°142'18"E, 0.03, h10km, n64, c1934/75, mb4.2/32, MS3.3/5, 10C-32, Sakhalin Island

Main station list for 18d 4h, including Mersin, Konya-Eregli, Gulek, Yesilyurt, Karaisalı, Adana, etc.

33nm, 0.5s, KAMA Osmaniye, 2.21 81 P, S, Pn, 04 25 51.0 -1.2, etc.

ISC 18 04:31:29.9, 1.6, 8°17'S, 130°03'E, h0km, mb3.5/1, mb1.9/4, mb1mx3.6/36, mbtmp3.7/4, ML3.7/3, MS3.1/1, Ms1.3/1, ms1mx2.6/23, Error ellipse: s-maj=8.3km s-min=25.2km az=75.0, Timbar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISC 18 04:32:10.4, 1.0, 55°96'S, 26°73'W, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.8/25, mbtmp3.9/4, Error ellipse: s-maj=41.6km s-min=24.7km az=73.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

DDA 18 04:35:10.2, 36°94'N, 33°99'E, h7km, MD2.9
CSEM 18 04:35:11.3, 0.3, 36°93'N, 34°00'E, h2km, MD2.9, Error ellipse: s-maj=6.0km s-min=4.2km az=70.0
ISK 18 04:35:11.8, 36°95'N, 34°02'E, h9km, MD2.8
ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ISC 18 04:35:11.0-1.2, 36°94'N, 03°34'01"E, 0.03, h1km, m14km, n23, c05737, Turkey

ESDC Sonseca Array 83.94 334 P P 04 48 16.9 +0.1 comp=2.0,6nm,0.6s,baz=7.4,slow=4.5,SNR=3.8

WEL 18 04:38:05.0-1.0,38.10S:177.55E,h5km,ML3.5/11, 7C-16D, Error ellipse: s-maj=0.7km s-min=0.7km az=90.0, North Island

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

ISCJB 18 04:42:14.0-0.6, 9.67S:115.24E, 0.05, h29km, mb3.7/5, Error ellipse: s-maj=8.5km s-min=5.5km az=42.3 DJA 18 04:42:17.0-0.6, 9.54S:111.5E, h30km, 6km, M4.6/22, ML4.6/22

ISC 18 04:42:20.3-0.3, 0.86S:115.94E, h78km, 25km, mb3.4/5, mb1.3/7.6, mb1mx3.4/33, mbtmp3.8/6, Error ellipse: s-maj=7.1km s-min=12.4km az=46.0 ISC 18 04:42:15.3-1.0, 9.62S:107.115E, 0.06, h29km, n25, az=216/22, mb3.7/5, South of Bali

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

DDA 18 04:55:40.2, 36.94N:34.00E, h7km, Md2.9 CSEM 18 04:55:40.2, 36.94N:33.99E, h2km, MD2.9, Error ellipse: s-maj=4.1km s-min=3.3km az=145.0 ISC 18 04:55:40.0, 36.94N:34.00E, h5km, MD2.8

ISC 18 04:55:40.8-1.1, 36.95N:0.03-34.00E:0.03, h5km, 11km, n23, az=64/35, Turkey

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

Table with columns: ERMK, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like ERMK, AKO, CEYT, etc.

IDC 18 05:03:44.8-7.9, 6.28S:129.11E, h41km, 70km, mb1.2/9.4, mb1mx2.7/31, mbtmp3.8/4, Error ellipse: s-maj=116.1km s-min=37.8km az=36.0, Banda Sea

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

BUI 18 05:05:34.0, 5.95S:126.80E, h28km, mb4.9/32, mb5.0/24, M5.4/18, M5.7/4.6/19

ISCJB 18 05:05:36.0-1.0, 4.91S:126.65E:0.03, h26km, 8km, mb4.7/45, MS3.8/17, Error ellipse: s-maj=4.9km s-min=4.7km az=41.8

MOS 18 05:05:36.3-1.6, 4.93S:126.45E, h33km, mb4.8/13, Error ellipse: s-maj=16.4km s-min=7.8km az=114.2

IDC 18 05:05:37.6-4.8, 4.74S:126.49E, h24km, 31km, mb4.2/14, mb1.4/17, mb1mx1.3/34, mbtmp4.4/17, ML4.4/3, MS3.8/20, M5.1/38/20, ms1mx3.7/31, Error ellipse: s-maj=17.7km s-min=11.1km az=63.0

NEIC 18 05:05:37.0-0.3, 4.93S:126.65E, mb4.9/28, Error ellipse: s-maj=7.3km s-min=5.0km az=49.0

GCMT 18 05:05:37.0-0.2, 4.76S:126.56E, h19km, 1km, MW5.0/83, Moment Tensor Solution, s38, C48; s83, C131; Duration: 0 Moment tensor: Scale 1016Nm; Mr:0.39; 12; Mw:1.23; 10; Mw:0.84; 11; Mw:0.00; 22; Mw:3.33; 7.0; Mw:0.88; 23; Best double couple: Mw:3.77100x10^16 NP1:351.00000, s86.00000, 1.166.00000. NP2: s82.00000, s76.00000, 1.4.00000. Principal axes: T 3.6240, P1g12.0000, Azm306.0000; P -3.9180, P1g7.0000, Azm37.0000; Nst12 refers to surface waves, cutoff=40s.

DJA 18 05:05:38.0-2.0, 5.2S:127.7E, h10km, M5.1/39, mb5.4/39, mb5.6/27, MLV5.2/30, Mw(mB)5.0/27

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

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

LUIW 18 05:05:37.0-0.3, 4.93S:126.65E, mb4.9/28, Error ellipse: s-maj=7.3km s-min=5.0km az=49.0

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

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

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

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

Table with columns: KSM, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KSM, COEN, CISI, etc.

IDC 18 05:03:44.8-7.9, 6.28S:129.11E, h41km, 70km, mb1.2/9.4, mb1mx2.7/31, mbtmp3.8/4, Error ellipse: s-maj=116.1km s-min=37.8km az=36.0, Banda Sea

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

BUI 18 05:05:34.0, 5.95S:126.80E, h28km, mb4.9/32, mb5.0/24, M5.4/18, M5.7/4.6/19

ISCJB 18 05:05:36.0-1.0, 4.91S:126.65E:0.03, h26km, 8km, mb4.7/45, MS3.8/17, Error ellipse: s-maj=4.9km s-min=4.7km az=41.8

MOS 18 05:05:36.3-1.6, 4.93S:126.45E, h33km, mb4.8/13, Error ellipse: s-maj=16.4km s-min=7.8km az=114.2

IDC 18 05:05:37.6-4.8, 4.74S:126.49E, h24km, 31km, mb4.2/14, mb1.4/17, mb1mx1.3/34, mbtmp4.4/17, ML4.4/3, MS3.8/20, M5.1/38/20, ms1mx3.7/31, Error ellipse: s-maj=17.7km s-min=11.1km az=63.0

NEIC 18 05:05:37.0-0.3, 4.93S:126.65E, mb4.9/28, Error ellipse: s-maj=7.3km s-min=5.0km az=49.0

GCMT 18 05:05:37.0-0.2, 4.76S:126.56E, h19km, 1km, MW5.0/83, Moment Tensor Solution, s38, C48; s83, C131; Duration: 0 Moment tensor: Scale 1016Nm; Mr:0.39; 12; Mw:1.23; 10; Mw:0.84; 11; Mw:0.00; 22; Mw:3.33; 7.0; Mw:0.88; 23; Best double couple: Mw:3.77100x10^16 NP1:351.00000, s86.00000, 1.166.00000. NP2: s82.00000, s76.00000, 1.4.00000. Principal axes: T 3.6240, P1g12.0000, Azm306.0000; P -3.9180, P1g7.0000, Azm37.0000; Nst12 refers to surface waves, cutoff=40s.

DJA 18 05:05:38.0-2.0, 5.2S:127.7E, h10km, M5.1/39, mb5.4/39, mb5.6/27, MLV5.2/30, Mw(mB)5.0/27

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

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

LUIW 18 05:05:37.0-0.3, 4.93S:126.65E, mb4.9/28, Error ellipse: s-maj=7.3km s-min=5.0km az=49.0

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

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

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

ISC 18 05:05:37.0-0.8, 4.97S:104.126E:0.04, h19km, 2km, n169, az=93/137, mb4.7/45, MS3.8/17, 4C-4D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like CD2, DZM, etc.

18d 7h

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

IDC 18 06:26:54.9.3.2, 3.58S-99.75E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.6/2.9, mbmtpp4.1/6, Error ellipse: s-maj=19.7km, s-min=19.7km, az=57.0, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, H08S2, H08S1, etc.

ISCJCB 18 06:37:10.1.1.2, 24.77N; 0.04; 122.53E; 0.02, h14km, 11km, Error ellipse: s-maj=7.3km, s-min=3.1km, az=12.4

TAP 18 06:37:10.6, 24.75N; 122.41E, h9km, ML3.3, D JMA 18 06:37:10.5-0.1, 24.73N; 122.50E, h32km, h2km, M2.6

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

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

CASC 18 07:28:45.2.1.9, 13.86N; 91.61W, h19km, 11km, MD3.5, ML3.5 MEX 18 07:28:46.0.4.0, 13.85N; 91.83W, h15km, MD3.7

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

DDA 18 07:32:35.6, 38.31N; 31.09E, h28km, Md2.6 ISCJCB 18 07:32:36.4.0.8, 38.36N; 0.03; 30.99E; 0.07, h10km, Error ellipse: s-maj=8.1km, s-min=5.0km, az=179.0

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

MEX 18 07:34:05.2.0.5, 14.91N; 93.04W, h62km, 9km, MD3.8, Near coast of Chiapas

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

ISCJCB 18 07:36:40.6.1.5, 33.5S; 0.2; 70.2W; 0.2, h124km, 9km, Error ellipse: s-maj=33.9km, s-min=9.8km, az=144.2

SJA 18 07:36:40.0.4.3, 33.51S; 70.07W, h135km, 5km, ML2.2, MW2.5

GUC 18 07:36:40.9.0.6, 33.58S; 70.42W, h126km, 5km, ML3.0

ISC 18 07:36:39.6.3.6, 33.63S; 0.2; 70.2W; 0.1, h131km, 22km, n13, 0.83; 0.21, 3C-1D, Chile-Argentina border region

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

DDA 18 07:47:42.0, 36.94N; 33.99E, h6km, Md2.9 CSEM 18 07:47:43.3.0.2, 36.93N; 33.99E, h2km, MD2.9, Error ellipse: s-maj=5.7km, s-min=4.3km, az=60.0

ISK 18 07:47:44.9.1, 37.04N; 34.08E, h9km, MD3.0

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

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

IDC 18 07:52:47.7.0.2, 20.29S; 68.05E, h0km, mb4.1/12, mb1 4.2/12, mb1mx3.9/5.1, mbmtpp4.1/12, MS3.5/8

ISCJCB 18 07:52:48.5.0.6, 20.30S; 0.1; 68.1E; 0.1, h15km, mb4.2/14, MS3.5/7, Error ellipse: s-maj=19.0km, s-min=14.8km, az=5.9

NEIC 18 07:52:49.9.0.4, 20.26S; 68.02E, h10km, mb4.6/4, Error ellipse: s-maj=14.5km, s-min=11.4km, az=186.0

ISC 18 07:52:50.3.0.7, 20.30S; 0.2; 68.0E; 0.1, h15km, n29, 0.67; 20.0, mb4.2/14, MS3.5/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, etc.

IDC 18 07:56:49.7.0.8, 5.74S; 150.15E, h90km, 6km, mb4.0/15, mb1 4.1/17, mb1mx4.0/31, mbmtpp4.3/17, MS3.1/1

ISCJCB 18 07:56:50.3.2.2, 5.72S; 0.06; 150.1E; 0.1, h107km, 20km, mb4.2/17, Error ellipse: s-maj=18.3km, s-min=10.0km

NEIC 18 07:56:51.0.1.9, 5.70S; 150.13E, h101km, 18km, mb4.5/6, Error ellipse: s-maj=15.5km, s-min=9.5km, az=69.0

ISC 18 07:56:49.8.0.8, 5.72S; 0.06; 150.2E; 0.1, h88km, 6km, h88km; pp-P, n30, 0.19; 15/42, mb4.3/17, New Britain region

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

Table with columns: MGZ, WMGZ, MXZ, WIWZ, KUZ, WVV, RPZ, RPZ, RPZ, FOF, FOF, ODZ, ODZ, JCZ, JCZ, EAZ, CTZ, CTZ, TUZ, TUZ, VUNDA, ASAR, WRA, WRA, FITZ, ARCES, BRTR, TORD

Table with columns: ASAR, WRA, WRA, FITZ, ARCES, BRTR, TORD

ISCJBJ 18 12:17:42.0, 0.8, 13:21:0N, 0.1, 44:9W, 0.1, h10km, mb4.0/8, Error ellipse: s-maj=22.7km s-min=17.5km az=39.6

NEIC 18 12:17:43.8, 0.7, 13:24N, 44:82W, h10km, mb4.4/2, Error ellipse: s-maj=22.8km s-min=17.0km az=129.0

GCMT 18 12:17:44.0, 0.5, 13:39N, 44:87W, h12km, MW4.8/62, Moment Tensor Solution. s27,c29; s62,c86; Duration: 0

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

ISCJBJ 18 12:21:34.1, 0.3, 13:28N, 0.05, 44:88W, 0.04, h10km, mb4.6/55, MS3.9/23, Error ellipse: s-maj=7.6km s-min=5.7km az=5.6

NEIC 18 12:21:35.8, 0.5, 13:21N, 44:83W, h10km, mb3.8/23, Ms1 3.8/23, ms1mx3.7/41, Error ellipse: s-maj=14.7km s-min=12.0km az=143.0

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

Table with columns: DBIC, GOGA, CPUP, CPUP, TKL, TZTN, WVT, SCHO, SCHO, TORD, TORD, SFIN, OLIL, SIUC, HDIL, 439A, W38A, W38A, X38A, U38A, X37A, X37A, Y37A, V37A, W37A, U37A, T37A, L38A, S37A, K37A, Q38A, J38A, R37A, I38A, 936A, 936A, TUL1, U36A, N37A, V36A, X36A, W36A, L37A, S36A, K37A, R36A, O36A, J37A, P36A, Q36A, I37A, X35A, SPMN, W35A, M36A, T35A, V35A, S35A, K36A, R35A, Q36A, J36A, 934A, P35A, 434A, N35A, O35A, 334A, Y34A, 534A, T34A, X34A, F36A, KSU1, KSU1, S34A, W34A, L35A, E36A, Q34A, J35A, I35A, D36A, P34A

Table with columns: DBIC, GOGA, CPUP, CPUP, TKL, TZTN, WVT, SCHO, SCHO, TORD, TORD, SFIN, OLIL, SIUC, HDIL, 439A, W38A, W38A, X38A, U38A, X37A, X37A, Y37A, V37A, W37A, U37A, T37A, L38A, S37A, K37A, Q38A, J38A, R37A, I38A, 936A, 936A, TUL1, U36A, N37A, V36A, X36A, W36A, L37A, S36A, K37A, R36A, O36A, J37A, P36A, Q36A, I37A, X35A, SPMN, W35A, M36A, T35A, V35A, S35A, K36A, R35A, Q36A, J36A, 934A, P35A, 434A, N35A, O35A, 334A, Y34A, 534A, T34A, X34A, F36A, KSU1, KSU1, S34A, W34A, L35A, E36A, Q34A, J35A, I35A, D36A, P34A

ISCJBJ 18 12:21:34.1, 0.3, 13:28N, 0.05, 44:88W, 0.04, h10km, mb4.6/55, MS3.9/23, Error ellipse: s-maj=7.6km s-min=5.7km az=5.6

NEIC 18 12:21:35.8, 0.5, 13:21N, 44:83W, h10km, mb3.8/23, Ms1 3.8/23, ms1mx3.7/41, Error ellipse: s-maj=14.7km s-min=12.0km az=143.0

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

Table with columns: R34A, 933A, C36A, O34A, 633A, H35A, 333A, 233A, 433A, 833A, Z33A, Y33A, 133A, V33A, L34A, K34A, F35A, R33A, I34A, Q33A, P33A, 632A, 832A, O33A, C35A, 732A, 232A, 432A, 332A, M33A, F34A, B35A, X32A, KEST, G34A, ABTX, Y32A, W32A, U32A, E34A, L33A, ECSD, T32A, R32A, Q32A, D34A, O32A, I33A, P32A, Z31A, H33A, X31A, BGNE, BGNE, 431A, 131A, F33A, W31A, V31A, Y31A, T31A, D33A, R31A, Q31A, H32A, P31A, B33A, 330A, CBKS, 530A, M31A, A33A, Y30A, G32A, L31A, Z30A, U00A, R30A, S30A, I31A, 429A

18d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like B32A Ashes, Strandq, O30A MW Ranch, Wils, P30A Selden, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S22A 4UR Ranch, Cre, DGMT Dagmar, SMCO Snowmass, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SGL Mount Signal, RDX Rancho Dawling, YMD Yuma Desert, etc.

IDC 18 12:29:17.9-6.7, 7.69S, 124.06E, h96km, 74km, mb3.6/1, mb1 3.1/4, mb1mx2.9/25, mb1mx3.4/4, ML2.9/3, Error ellipse: s-maj=79.5km s-min=36.4km az=48.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BATI Baunata, BATI 4.2nm, 0.3s, WRA Warrungama Arr, etc.

KRSC 18 12:37:17.1+1.8, 8.5604N, 163.62E, h15km, 7km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBTR Krutoberegovo, KBTR 0.48 291, SMKR Semkarok, etc.

IDC 18 12:39:01.8-0.7, 36.92N, 0.03-33.95E, 0.04, h2km, 6km, Error ellipse: s-maj=5.4km s-min=4.9km az=139.6

felt at Abie, Bruno, Dodge, Dwight, Lincoln, Morse Bluff, Omaha, Rogers, Scotia, Tekamah, Ulysses and West Point.

ISC 18 13:02:33.8±1.0, 41.333N, 001.96.90W, 0.02, h7km, 8km, n154, o1964/204, Nebraska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like M34A Aspy Farms, M34A Taylor Creek, M33A Taylor Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like J31A Geddes, J35A Milford, ECSD EROS Data Cent, etc.

Table with columns: SFIN, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Scholer Farm, Great Sand Dun, SDCCO, etc.

IDC 18 13:07:03.6±6.7, 18.785S, 177.51W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/20, mbtmp3.6/3, Error ellipse: s-maj=292.7km s-min=35.9km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

JMA 18 13:19:35.9±2.1, 28.73N, 128.75E, h141km, 2km, M3.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JTAJ Takarajima, JAMN Amaminishikomi, JAMN Amami Oshima, etc.

IDC 18 13:27:26.9±0.8, 17.35S, 167.99E, h0km, mb4.0/12, mb1 4.2/14, mb1mx4.1/30, mbtmp4.2/14, ML4.7/2, MS3.7/18, Ms1 3.7/18, ms1mx3.6/25, Error ellipse: s-maj=26.3km s-min=17.0km az=75.0

ISCJB 18 13:27:29.3±0.5, 17.37S, 0.06, 167.91E, 0.07, h27km, mb4.2/15, MS3.7/15, Error ellipse: s-maj=10.3km s-min=7.9km az=173.1

NEIC 18 13:27:30.4±2.9, 17.43S, 167.88E, h21km, 21km, mb4.6/5, Error ellipse: s-maj=11.8km s-min=9.6km az=216.0

AUST 18 13:27:47.0±1.0, 18.45S, 167.49E, h72km, 3km, Error ellipse: s-maj=5.4km s-min=2.3km az=30.0

ISC 18 13:27:51.1±0.6, 17.37S, 0.06, 167.99E, 0.08, h27km, n44, o111/35, mb4.2/14, MS3.7/15, Error ellipse: s-maj=10.3km s-min=7.9km az=173.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

18d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, PPT2 Papeete, MBWA Marble Bar, etc.

ISC/JB 18 13:36:46.3... 1.36:93N;0.04:34.00E;0.08;h10km, Error ellipse: s-maj=9.5km s-min=5.2km az=176.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KIZK Mersin, KERK Konya-Eregli, etc.

ISC 18 13:38:22.1... 6.338S;0.1x178.4W;0.2;h37km,n15, r150ZD2,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waionatiani, PKGZ Pakihiroa, etc.

ISC/JB 18 13:40:06.8... 0.4, 11.18N;0.05:86.08W;0.06;h75km6km, mb3.72, Error ellipse: s-maj=13.1km s-min=3.0km

CASC 18 13:40:07.4... 1.6, 11.19N;86.07W;h68km,7km,MD3.9, ML4.3

ISC 18 13:40:14.1... 12.0, 11.00N;86.74W;h18km,90km,mb3.6/2, Mb1 4.0/3, mb1mx3.4/35, mbmtmp3.0/3, ML4.0/1, MS2.9/3, Ms1 2.9/3, ms1mx2.7/25, Error ellipse: s-maj=186.9km s-min=74.6km az=57.0

ISC 18 13:40:07.3... 0.9, 11.19N;0.05:86.09W;0.07;h70km,9km, n56, r0973/72, 1C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CONN Concepcion, GBSZ Las Lilas, etc.

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Table with columns: VCR, PUEN, HTEN, etc. Includes stations like VCR, PUEN, HTEN, etc.

ISC/JB 18 13:46:39.1... 1.3, 7.10S;0.09:128.7E;0.2;h10km,mb3.4/1, Error ellipse: s-maj=30.3km s-min=13.2km az=176.4

ISC 18 13:46:39.7... 1.9, 7.19S;128.62E;h0km,mb3.4/1, mb1 3.5/3, mb1mx3.1/9, mbmtmp3.3/3, ML3.5/2, Error ellipse: s-maj=109.5km s-min=31.3km az=66.0

AUST 18 13:46:47.0... 6.985S;129.54E;h100km, n8, r085/4, ISC 18 13:46:40.8... 1.5, 7.25S;0.1:128.8E;0.3;h10km,n8, r085/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, MTN Mantion Dam, etc.

ISC 18 14:10:23.0... 1.2, 51.60N;179.72E;h0km,mb3.5/5, mb1 3.9/6, mb1mx3.5/38, mbmtmp3.7/6, ML3.9/1, Error ellipse: s-maj=89.4km s-min=22.4km az=136.0

ISC/JB 18 14:10:33.9... 0.5, 51.8N;0.1:179.75E;0.06;h101km,4km, mb3.3/5, Error ellipse: s-maj=17.7km s-min=6.5km az=175.8

NEIC 18 14:10:35.0... 51.73N;179.78E;h86km, MG3.4(AEIC), After AEIC

ISC 18 14:10:34.0... 0.9, 51.8N;0.1:179.75E;0.05;h94km,7km, n22, r0975/27, mb3.4/5, RT Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CERRA Semis' Rag'd T, CESW Semis' Southwe, etc.

ISC/JB 18 14:20:47.4... 1.4, 11.7N;0.3:44.2E;0.1;h10km,mb3.5/7, Error ellipse: s-maj=40.0km s-min=9.3km az=162.0

ISC 18 14:20:47.7... 1.6, 11.69N;44.23E;h0km,mb3.6/7, mb1 3.6/7, mb1mx3.4/44, mbmtmp3.6/7, MS3.3/1, Ms1 3.3/1, ms1mx2.6/29, Error ellipse: s-maj=50.1km s-min=18.6km az=163.0

ISC 18 14:20:48.9... 1.6, 11.7N;0.3:44.2E;0.1;h10km,n9, r0919/9, mb3.6/7, Western Gulf of Aden

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

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Table with columns: MKAR Makanchi Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, etc.

IDC 18 14:26:49.3... 7.0, 22.42N;143.26E;h248km,69km,mb3.4/6, mb1 3.4/7, mb1mx3.0/39, mbmtmp3.8/7, MS3.3/1, Ms1 3.3/1, ms1mx2.4/21, Error ellipse: s-maj=45.6km s-min=13.6km az=90.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, WRA Warramunga Arr, etc.

IDC 18 14:52:21.2... 6.8, 15.35S;173.03W;h0km,mb3.4/3, mb1 3.7/3, mb1mx3.5/32, mbmtmp3.4/3, Error ellipse: s-maj=324.9km s-min=23.8km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, H1S12 WAKE ISLAND Hy, etc.

ISC/JB 18 14:57:15.4... 0.6, 36.94N;0.03:33.93E;0.03;h0km,4km, Error ellipse: s-maj=4.3km s-min=3.6km az=2.4

DDA 18 14:57:15.3... 36.94N;33.98E;h21km,MD3.1, CSEM 18 14:57:15.8... 0.1, 36.94N;33.91E;h2km,MD3.1, Error ellipse: s-maj=3.0km s-min=2.7km az=67.0

NSSC 18 14:57:15.5... 1.9, 36.79N;33.48E;h25km,491km,MD1.1, ML2.2

ISC 18 14:57:15.2... 36.94N;33.93E;h2km,MD3.2

ISC 18 14:57:15.1... 2.1, 36.96N;0.02:33.93E;0.02;h5km,101km, n5, r089/979, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KERK Konya-Eregli, KERK Konya-Eregli, etc.

Table with columns: BIDA, Albida, 2.74 134 eP, Pn, 14 58 00.3 +0.5, S, 14 58 31.3 -2.1, etc.

AUST 18 15:29.12.16.0, 5.71Sx.123.23E, h31km, 2km, Error ellipse: s-maj=3.7km s-min=1.1km az=29.0

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

ISCBJ 18 15:34.00.6.0.7, 32.24N.0.03.115.22W.0.05, h23km, 6km, Error ellipse: s-maj=7.2km s-min=5.3km az=159.9

MEX 18 15:34.00.3.0.5, 32.22N.114.98W, h28km, 8km, MD3.5, ECX 18 15:34.02.0.0.5, 32.22N.115.28W, h8km, MD2.1, ML2.3

ISC 18 15:34.00.7.1.2, 32.21N.0.03.115.25W.0.04, h19km, 2km, n16, c043/25, 2C-4D, California-Baja California border region

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

NEIC 18 16:04.34.4, 37.29S.177.24E, h147km, MG4.0(WEL), After WEL

WEL 18 16:04.34.5.0.3, 37.30S.177.24E, h147km, 2km, ML4.0/15, 9C-16D, Error ellipse: s-maj=1.8km s-min=1.3km az=0.0, Off east coast of North Island

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

Table with columns: RAHZ, Aarahi, 1.62 184, Pn, 16 05 05.1 -0.1, Pn, 16 05 05.2 -0.6, etc.

ISC 18 16:14.21.8.0.7, 2.7N.0.1.126.9E.0.2, h53km, mb3.5/6, M52.8/1, Error ellipse: s-maj=28.6km s-min=11.8km az=152.8

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

ISC 18 16:14.25.3.4.2, 2.60N.126.98E, h72km, 44km, mb3.3/7, mb1 3.4/8, mb1mx3.2/36, mbtmp3.5/8, ML3.1, M53.0/1, Ms1 3.0/1, ms1mx2.3/15, Error ellipse: s-maj=44.3km s-min=16.5km az=73.0

ISC 18 16:14.23.0.9.2, 2.6N.0.2.126.8E.0.2, h53km, n8, c090/8, mb3.6/6, Northern Molucca Sea

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

Table with columns: ASAR, Alice Springs, 26.96 166, P, P, 16 20 00.2 -0.0, P, 16 20 00.2 -0.4, etc.

DDA 18 16:18.56.9.39, 10N.29.06E, h7km, MD2.6, ISK 18 16:18.56.5, 39.12N.29.03E, h6km, MD2.4.4, CSEM 18 16:18.57.0.1, 39.13N.29.04E, h8km, MD2.6, Error ellipse: s-maj=2.2km s-min=1.4km az=118.0

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

ISCJB 18 16:19.10.4.0.6, 37.38N.0.04.36.35E.0.03, h1km, 8km, Error ellipse: s-maj=6.0km s-min=4.5km az=179.7

CSEM 18 16:19.10.4.0.2, 37.40N.36.35E, h6km, MD2.7, Error ellipse: s-maj=3.5km s-min=3.4km az=154.0

ISK 18 16:19.10.2, 37.37N.36.38E, h6km, MD2.7, DDA 18 16:19.11.1, 37.38N.36.41E, h7km, MD2.9

ISC 18 16:19.10.6.1.2, 37.36N.0.03.36.35E.0.03, h3km, 10km, n25, c056/39, Turkey

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

CSEM 18 16:19.32.9.0.3, 37.79N.27.54E, h20km, MD2.6, Error ellipse: s-maj=8.2km s-min=6.5km az=102.0

ISK 18 16:19.33.5, 37.89N.27.59E, h26km, MD2.6, ISK 18 16:19.32.1.2, 37.80N.0.03.36.35E.0.05, h7km, 11km, n13, c095/20, Turkey

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

ISC 18 16:22.56.2.5.4, 36.20N.70.80E, h172km, 49km, mb3.3/7, mb1 3.4/11, mb1mx3.1/40, mbtmp3.8/11, Error ellipse: s-maj=39.8km s-min=17.8km az=32.0

ISCJB 18 16:22.59.6.0.8, 36.50N.0.07.70.76E.0.07, h204km, mb3.4/6, Error ellipse: s-maj=9.2km s-min=7.7km az=1.5

NNC 18 16:23.06.5.4.0, 37.02N.70.50E, h217km, 24km, mb2.9, mbv4.0, Error ellipse: s-maj=40.7km s-min=23.2km az=155.0

ISC 18 16:23.00.9.1.1, 36.59N.0.09.70.74E.0.08, h204km, n32, c1960/40, mb3.4/6, 12C-5D, Hindu Kush region

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

18d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAS, UCH, KZA, KK31, etc.

DDA 18 16:27:46.6, 40.08N, 33.42E, h7km, Md2.7
ISCJB 18 16:27:47.5, 40.10N, 0.03:33.42E, 0.04, h10km, Error ellipse: s-maj=9.9km s-min=3.9km az=5.4

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

TAP 18 16:42:24.9, 21.02N, 122.19E, h162km, 2km, ML3.6, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAY, TSEB, TWK1, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSS, ELDTW, TWM1, etc.

ISC 18 16:59:18.9, 9.5, 36.60N, 71.93E, h80km, 36km, mb3.8/2, mb1 3.5/8, mb1mx3, 1.52, mbtmp3, 7/8, MS2.9/1, Ms1 2.9/1, ms1mx2.2/43, Error ellipse: s-maj=131.2km s-min=31.2km az=154.0

ISCJB 18 16:59:20.6, 0.6, 37.03N, 0.05:71.89E, 0.07, h100km, mb4.1/2, Error ellipse: s-maj=8.5km s-min=5.5km az=144.7

NNC 18 16:59:29.3, 3.7, 37.58N, 71.41E, h152km, 45km, mb2.5, mpv3.3, Error ellipse: s-maj=37.2km s-min=18.2km az=147.0

ISC 18 16:59:21.9, 1.0, 37.01N, 0.08:71.81E, 0.07, h100km, n22, c205/27, 8C-5D, Afghanistan-Tajikistan border region

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

MEX 18 17:07:00.2, 0.7, 14.69N, 91.13W, h148km, 10km, MD4.0, Guatemala

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

ISCJB 18 17:08:02.5, 0.6, 36.93N, 0.03:33.97E, 0.04, h5km, 8km, Error ellipse: s-maj=6.1km s-min=4.5km az=153.7

DDA 18 17:08:02.4, 36.93N, 34.00E, h7km, Md2.6
CSEM 18 17:08:02.8, 0.2, 36.94N, 33.94E, h8km, MD2.6, Error ellipse: s-maj=5.4km s-min=4.1km az=151.0

ISC 18 17:08:02.6, 1.1, 36.93N, 0.03:33.96E, 0.03, h8km, 11km, n19, c055/32, Turkey

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

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

IDC 18 17:08:00.8, 0.5, 5.97S, 122.00E, h0km, mb4.5/23, mb1 4.6/27, mb1mx4.5/43, mbtmp4.5/27, ML4.5/4, MS3.7/17, Ms1.3/7/17, ms1mx3.6/31, Error ellipse: s-maj=17.5km s-min=11.9km az=60.0

BUI 18 17:08:01.2, 6.19S, 122.50E, h28km, mb4.8/41, mb4.9/33, Ms4.7/21, Ms7.4/5/18

AUST 18 17:08:01.6, 2.7, 5.99S, 122.13E, h0km, Error ellipse: s-maj=1.0km s-min=0.7km az=28.0

ISCJB 18 17:08:03.6, 0.8, 5.98S, 0.02:122.10E, 0.02, h30km, 6km, mb4.7/70, MS3.9/19, Error ellipse: s-maj=3.9km

MOS 18 17:08:03.9, 0.9, 5.92S, 122.10E, h33km, mb5.0/27, Error ellipse: s-maj=13.0km s-min=6.6km az=108.8

GCMT 18 17:08:04.9, 0.3, 5.91S, 122.00E, h16km, 1km, MW4.9/56, Moment Tensor Solution, s28,c35; s56,c98; Duration: 0 Moment tensor: Scale 1019N; Mr1.74; 15; Mw=0.66; 09; Mw=1.08; 12; Mw=0.26; 27; Mw=1.10; 07; Ms=2.24; 38; Best double couple: Mo2.90800x1016 NP1.0s188.00000, 872.00000, 1.67.00000; NP2: 0.62m=3.6km az=26.1; Azm68.00000; N -0.4520; P1g2.0000; Azm196.0000; P -2.6840, P1g23.0000; Azm293.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DJA 18 17:08:04.7, 0.7, 6.5, 12.2E, h10km, 6km, Mb4.7/52, mb4.9/52, mb5.2/24, MLV5.0/24, Mw(mB)4.6/24

NEIC 18 17:08:05.9, 0.8, 6.03S, 122.03E, h29km, 6km, mb5.0/25, Error ellipse: s-maj=8.0km s-min=4.9km az=46.5

KLM 18 17:08:06.7, 5.86S, 122.06E, h28km, mb4.9, MS5.0

ISC 18 17:08:05.3, 0.4, 6.03S, 0.04:122.11E, 0.04, h28km, 2km, n248, c143/264, mb4.7/70, MS3.8/19, 14C-5D, Flores Sea

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

DDA 18 17:30:38.0,36.58N,26.07E,h26km,Md3.4
ATH 18 17:30:42.2,36.58N,26.71E,h140km,1km,ML3.0
ISCJB 18 17:30:42.7,0.3,36.56N,0.03,26.68E,0.02,h136km,4km,
Error ellipse: s-maj=4.4km s-min=3.0km az=0.1
CSEM 18 17:30:43.4,1.36.55N,26.70E,h130km,2km,ML3.0,
Error ellipse: s-maj=3.2km s-min=2.2km az=4.0
HLW 18 17:30:44.6,36.15N,26.78E,h6km,31km,Md3.7
ISK 18 17:30:45.3,36.73N,26.80E,h117km,ML2.9
THE 18 17:30:46.1,36.55N,26.65E,h135km,5km,ML3.2/6,Error
ellipse: s-maj=5.2km s-min=1.0km az=138.0
ISC 18 17:30:43.1,2.36.58N,0.03,26.69E,0.03,h137km,7km,
n154,e0979/191,Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists various stations and their associated data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like AF1, AF2, AF3, etc., and their associated data points.

ISCJB 18 17:33:02.0,0.2,27.73S,0.04,178.32W,0.04,
h230km,7km,m4,8/101,Error ellipse: s-maj=6.3km
s-min=5.0km az=148.1
NEIC 18 17:33:07.3,0.2,27.68S,178.44W,m4,9/76,Error
ellipse: s-maj=7.6km s-min=5.2km az=140.0
MOS 18 17:33:07.5,1.1,27.52S,178.33W,h270km,m5,0/34,
Error ellipse: s-maj=11.2km s-min=8.8km az=96.6
GCMT 18 17:33:07.3,0.4,27.48S,178.07W,h278km,2km,
MVS,1/66, Moment Tensor Solution, s36,c44; s66,c87;
Durations: 0 Moment tensor: Scale 10^19Nm; Mr=4.59,25;
Mw=1.66,22; Mw=2.25,29; Mw=2.62,28; Mw=1.70,21;
Mu=0.20,26; Best double couple: M=6.27400e-07;
NP1=158.00000°, s53.00000°, A=130.00000°. NP2:
Q=32.00000°, s53.00000°, A=49.00000°. Principal axes: T
6.3260, P1g.0000°. Azm276.0000°; N=0.1040,
P1g31.0000°. Azm185.0000°; P=6.2220, P1g59.0000°,
Azm6.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
IDC 18 17:33:08.3,0.6,27.47S,178.33W,h272km,5km,m4,2/16,
mb1 4.4/18,mb1mx4,3/28,mbtmp4,8/18 Error ellipse:
s-maj=12.0km s-min=10.3km az=95.0
Bul 18 17:33:08.0,2.27,28S,178.01W,h282km,m4,8/33,
m4,9/26

AUST 18 17:33:09.9,27.50S,178.15W,h300km
ISC 18 17:33:08.4,0.3,27.94S,0.03,178.40W,0.05,
h278km,2km,h278km;P,N,645,e1913/672,m4,9/102,
61C-14D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like RAO, RAO, RAO, etc., and their associated data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like AFI, AF2, AF3, etc., and their associated data points.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TRINIDAD, 432A Menard, WRH Wood River Hill, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BRVK Borovoye, LSZ Lusaka, DAG Danmarks Havn, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ODD1, RSDY Resadiye-TOKAT, BLSS Blasjo, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ODD1, RSDY Resadiye-TOKAT, BLSS Blasjo, etc.

18D 18h

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time Res, h m s, ISC. Includes stations like ELK, AKASG, ISA, KIEV, FFC, EDW2, WSHM, R11A, NB2, NOA, GSC, ENA, ILA, TWE, EHP, ENTT, TWB1, NNS, NSK, NSK, TWA, NWF, NWF, TWD, TAP1, TAP, TAP, HWA, WHF, TWS1, TWS1, TWT, NCU, NSTT, NSTT, ESL, ESL, HSN, HSN, JYNG, JYNG, DPC, DPC, I28A, AGMN, TUC, J28A, BRG, BRG, Q24A, CLL, CLL, SDCO, ANMO, ANMO, ANMO, KHC, KHC, KHC, T25A, GERES, LPM, BNM, 121A, MNTX, MNTX, P34A, TXAR, TXAR, TXAR, TXAR, BOS, TORD.

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Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time Res, h m s, ISC. Includes stations like TSMU, SNA, VNA2, DBIC, DBIC, PTGA, PLCA, LPZA, CFAA, TAP 18, JMA, ISC, Code, Station Name, Az, El, Az', El', Phase ID, Time Res, h m s, ISC. Includes stations like TWC, TWC, ENA, ENA, ILA, ILA, TWE, TWE, EHP, EHP, ENTT, ENTT, TWB1, TWB1, NNS, NNS, NSK, NSK, TWA, TWA, NWF, NWF, TWD, TWD, TAP1, TAP1, TAP, TAP, HWA, HWA, WHF, WHF, TWS1, TWS1, TWT, TWT, NCU, NCU, NSTT, NSTT, ESL, ESL, HSN, HSN, JYNG, JYNG, DPC, DPC, I28A, AGMN, TUC, J28A, BRG, BRG, Q24A, CLL, CLL, SDCO, ANMO, ANMO, ANMO, KHC, KHC, KHC, T25A, GERES, LPM, BNM, 121A, MNTX, MNTX, P34A, TXAR, TXAR, TXAR, TXAR, BOS, TORD.

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Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time Res, h m s, ISC. Includes stations like NIED, ISCJB, JMA, NEIC, NEIC, BUJ, IDC, TWC, ENA, EHP, EHP, ILA, ILA, TWE, TWE, ENTT, ENTT, NNS, NNS, TWB1, TWB1, YHNB, YHNB, NSK, NSK, TWA, TWA, TWD, TWD, TAP, TAP, HWA, HWA, WHF, WHF, TWS1, TWS1, TWT, TWT, NCU, NCU, NSTT, NSTT, ESL, ESL, HSN, HSN, JYNG, JYNG, DPC, DPC, I28A, AGMN, TUC, J28A, BRG, BRG, Q24A, CLL, CLL, SDCO, ANMO, ANMO, ANMO, KHC, KHC, KHC, T25A, GERES, LPM, BNM, 121A, MNTX, MNTX, P34A, TXAR, TXAR, TXAR, TXAR, BOS, TORD.

18d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 18 18:42:10.7, 0.9, 6.73S, 0.07, 129.93E, 0.10, h104km, mb3.4/1, Error ellipse: s-maj=14.7km s-min=8.2km az=21.4.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MAN 18 18:50:4.7, 93N, 126.46E, h9km, mb4.2, ML3.0, MS2.7, 1D, Mindanao.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 18 18:51:52.3, 0.6, 15.2S, 0.2, 174.6W, 0.1, h200km, mb3.8/10, Error ellipse: s-maj=27.2km s-min=9.3km az=16.9.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AFI Afiamalu, AFI Sorong, URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TAP 18 18:51:59.8, 24.56N, 121.85E, h9km, ML2.0, C, Taiwan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 18 19:03:15.0, 3.0, 5.0, 06N, 0.03, 18.34E, 0.03, h0km, Error ellipse: s-maj=4.9km s-min=2.4km az=14.7.

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DPC Dobruska-Polom, VRAC Vranov, KSP Ksiaz, etc.

BUI 18 19:08:00.8, 39.34N, 142.87E, h60km, mb4.5/4, mbA.9/4, Ms4.7/1

NIED 18 19:08:00.39, 60N, 142.10E, h53km, Mw4.0 Best double couple: Ms1.18000, 0.1015 NP1: 184.00000, 0.23.00000, 1.74.00000, NP2: 182.00000, 0.68.00000, 0.97.00000.

ISCJB 18 19:08:07.6, 0.5, 39.65N, 0.03, 142.10E, 0.06, h58km, 3km, mb4.0/29, MS3.2, Error ellipse: s-maj=8.1km s-min=4.2km az=18.0

JMA 18 19:08:08.5, 39.63N, 142.10E, h40km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: 24.00000, 0.65.00000, 0.96.00000. NP2: 189.00000, 0.25.00000, 0.77.00000. Principal axes: T P1g/69.00000, Azm306.00000, N P1g/60.00000, Azm201.00000, P P1g/20.00000, Azm109.00000.

JMA Felt III J1. MOS 18 19:08:08.6, 1.0, 39.70N, 142.11E, h67km, mb4.3/11 Error ellipse: s-maj=10.1km s-min=6.7km az=87.5

NEIC 18 19:08:10.0, 0.7, 39.67N, 142.07E, h63km, 6km, mb4.6/4, MW4.0(NIED), Error ellipse: s-maj=11.5km s-min=5.6km az=118.0

NEIC Recorded [3 JMA] in Iwate and [1 JMA] in Amori and Miyagi.

ISC 18 19:08:10.5, 2.3, 39.63N, 142.06E, h70km, 19km, mb3.8/20, mb1.3/9/23, mb1mx3.8/51, mbtmp4.1/23, MS3.0/4, Ms1.3/0/4, ms1mx2.6/47, Error ellipse: s-maj=18.6km s-min=13.3km az=108.0

ISC 18 19:08:09.1, 0.7, 39.67N, 0.04, 142.11E, 0.05, h58km, 4km, n89, r153/10m, mb4.1/29, 6C-13D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MIYJ Miyakonagasaki, JTH Tanohata, JOM Ohasama, etc.

ASAJ Asahikawa, 4.45 4 P, 19 09 14.4 +0.6

ASAJ Asahikawa, 4.45 4 P, 19 09 14.6 +0.4

ASAJ Asahikawa, 4.45 4 P, 19 09 14.6 +0.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

YUK Yuzh-Kuril'sk, 5.18 31c/P, 19 09 26.3 +2.4

930

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KSRS Korea Array, KSAR Warramunga Arr, KSAR Warramunga Arr, etc.

H1N2 WAKE ISLAND HY 29.14 126 T T 19 44 37.7

H1N1 WAKE ISLAND HY 29.14 126 T T 19 44 38.5

ZAK Zakamensk, 29.15 304 eP, 19 14 03.8 -0.8

H1N3 WAKE ISLAND HY 29.15 126 T T 19 44 42.8

H1S1 WAKE ISLAND HY 29.93 128 T T 19 45 42.4

H1S3 WAKE ISLAND HY 29.94 128 T T 19 45 40.2

H1S2 WAKE ISLAND HY 29.95 128 T T 19 45 41.3

BILL Bilibino, 31.34 17j/eP, 19 14 24.0 +0.4

BILL Bilibino, 31.34 17j/eP, 19 14 24.0 +0.4

BILL Bilibino, 31.34 17j/eP, 19 14 24.0 +0.4

TIXI Tiksi, 32.74 352 eP, 19 14 36.0 +0.2

ZALV Zalesovo Beam, 40.59 310 P, 19 15 43.1 +0.4

ZALV Zalesovo Beam, 40.59 310 P, 19 15 43.1 +0.4

ZALV Zalesovo Beam, 40.59 310 P, 19 15 43.1 +0.4

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

CMAR Chiang Mai Arr, 42.74 253 P, 19 16 00.6 -0.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GCGAM, DGB, Zeytinkoy-Aydi, etc.

ISCJJB 18 19:28:33.5-0.8, 51.50N-0.04, 16.09E-0.04, h0km, Error ellipse: s-maj=6.0km s-min=3.3km az=18.7

CSEM 18 19:28:35.1-0.7, 51.48N-16.02E, h2km, ML3.1/4, Error ellipse: s-maj=10.6km s-min=5.7km az=178.0

PRU 18 19:28:35.9, 51.47N-16.04E, h0km

ISC 18 19:28:35.9, 51.47N-16.02E, h0km, n29, c0850/52, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSP, UPCC, DPC, PVCC, BRG, KRLC, etc.

CLL 18 19:29:42.9, 51.47N-16.02E, h0km, mb3.0/2, mb1 3.6/4, mb1mx3.2/20, mbtmp3.1/2, Error ellipse: s-maj=148.4km s-min=47.5km az=112.0, Western region

WRA 18 19:30:55.7-4.0, 5.37S-148.92E, h0km, mb3.0/2, mb1 3.6/4, mb1mx3.2/20, mbtmp3.1/2, Error ellipse: s-maj=148.4km s-min=47.5km az=112.0, Western region

ASAR 18 19:30:55.7-4.0, 5.37S-148.92E, h0km, mb3.0/2, mb1 3.6/4, mb1mx3.2/20, mbtmp3.1/2, Error ellipse: s-maj=148.4km s-min=47.5km az=112.0, Western region

TORD 18 19:30:55.7-4.0, 5.37S-148.92E, h0km, mb3.0/2, mb1 3.6/4, mb1mx3.2/20, mbtmp3.1/2, Error ellipse: s-maj=148.4km s-min=47.5km az=112.0, Western region

ISC 18 19:49:45.2-8.8, 12.24N-44.31E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/27, mbtmp3.5/4, Error ellipse: s-maj=198.3km s-min=44.1km az=35.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FURI, BRTR, CMAR, SONMI, etc.

DDA 18 20:08:08.6, 36.94N-33.99E, h7km, Md2.9

CSEM 18 20:08:08.6, 36.92N-33.93E, h2km, MD2.9, Error ellipse: s-maj=5.2km s-min=4.2km az=152.0

ISC 18 20:08:08.5, 36.91N-33.96E, h4km, MD2.9

ISC 18 20:08:08.9, 1.1, 36.93N-0.02-33.95E-0.02, h6km, n10km, n33, c0954/46, Turkey

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

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

ISC 18 20:11:44.0, 36.81N-34.00E, h10km, MD2.7

ISCJJB 18 20:11:45.2, 0.7, 36.94N-0.03-33.97E-0.05, h8km, n6km, Error ellipse: s-maj=6.9km s-min=5.2km az=31.9

DDA 18 20:11:45.1, 36.97N-33.92E, h15km, Md2.6

CSEM 18 20:11:45.2, 0.3, 36.93N-33.95E, h10km, MD2.6, Error ellipse: s-maj=6.3km s-min=4.9km az=140.0

ISC 18 20:11:44.7, 1.2, 36.91N-0.04-33.96E-0.03, h7km, n13km, n21, c0534/32, Turkey

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

ISC 18 20:12:39.8, 37.33N-36.36E, h8km, MD2.6

CSEM 18 20:12:40.5, 0.3, 37.33N-36.33E, h2km, MD2.6, Error ellipse: s-maj=6.6km s-min=5.8km az=159.0

DDA 18 20:12:44.2, 37.31N-36.66E, h9km, Md2.6

ISC 18 20:12:40.5, 1.2, 37.32N-0.03-36.35E-0.04, h6km, n14km, n15, c0539/23, Turkey

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

DDA 18 20:15:16.9, 37.85N-27.35E, h7km, Md2.6

ISCJJB 18 20:15:17.0, 0.3, 37.88N-0.03-27.33E-0.04, h0km, n11km, Error ellipse: s-maj=5.9km s-min=5.4km az=7.0

CSEM 18 20:15:17.0, 0.3, 37.88N-27.27E, h8km, MD2.6, Error ellipse: s-maj=9.5km s-min=4.7km az=92.0

ISC 18 20:15:18.6, 37.96N-27.41E, h5km, MD2.7

ISC 18 20:15:17.4, 1.1, 37.87N-0.03-27.34E-0.03, h3km, n14km, n19, c0559/28, Turkey

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

DDA 18 20:16:28.8, 36.94N-33.98E, h7km, Md2.8

ISCJJB 18 20:16:29.1, 0.8, 36.92N-0.03-33.98E-0.05, h1km, n7km, Error ellipse: s-maj=6.5km s-min=5.4km az=167.2

CSEM 18 20:16:29.4, 0.2, 36.91N-33.97E, h5km, MD2.8, Error ellipse: s-maj=5.5km s-min=4.6km az=51.0

ISC 18 20:16:29.1, 1.2, 36.91N-0.03-33.96E-0.03, h4km, n13km, n34, c0553/44, Turkey

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

DDA 18 20:22:10.6, 36.35N-35.52E, h7km, Md2.6

CSEM 18 20:22:10.3, 1.0, 36.19N-35.43E, h25km, 5km, MD2.2, Error ellipse: s-maj=25.4km s-min=9.5km az=37.0

ISC 18 20:22:12.2, 36.39N-35.64E, h31km, MD2.2

ISC 18 20:22:10.4, 1.4, 36.15N-0.09-35.39E-0.08, h38km, 5km, n14, c1255/24, Turkey

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

ISC 18 20:24:50.7, 37.30N-36.33E, h5km, MD2.8

DDA 18 20:24:51.7, 37.27N-36.33E, h7km, Md2.9

CSEM 18 20:24:51.9, 0.1, 37.30N-36.33E, h2km, MD2.8, Error ellipse: s-maj=2.3km s-min=2.2km az=7.0

ISC 18 20:24:51.6, 1.3, 37.29N-0.03-36.33E-0.02, h1km, n11km, n30, c0566/42, Turkey

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

MAN 18 20:27:39.8, 9.88N-126.14E, h48km, mb4.8, ML3.7, MS3.7, 1C, Mindanao

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMRS Kahramanmaras, KUZU Kuzuni, TAHT Tahtakopru-Hat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DENT Denizli, UZT Uztliz, DNZL Cakiroluk, etc.

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

AUST 18 21:32:54.73.0, 1.03S, 127.12E, h24km, Error ellipse: s-maj=2.1km s-min=1.1km az=300.0

DDA 18 21:37:37.3, 37.86N, 27.32E, h7km, Md2.8

ATH 18 21:59:50.6, 39.06N, 22.15E, h11km, 2km, MD2.1/3, Greece

Main table of station data for the left column, including stations like LBMI Labuha, MSAI Masohi, SANI Sanana, etc.

Main table of station data for the middle column, including stations like GCAM G?zelcam?, DGB zmir, DYG Zeytinkoy-Aydi, etc.

ATH 18 21:59:53.6, 0.1, 37.67N, 22.14E, h5km, MD3.0, Error ellipse: s-maj=2.3km s-min=1.9km az=42.0

ATH 18 21:59:53.4, 37.66N, 22.15E, h14km, 1km, MD3.0/32, ML3.1

THE 18 21:59:54.2, 37.66N, 22.14E, h1km, 1km, ML3.0/5, Error ellipse: s-maj=1.3km s-min=0.5km az=243.0

ISC 18 21:59:53.9, 1.0, 37.67N, 22.15E, 0.01, h5km, 8km, n160, 0.056/221, Southern Greece

CSEM 18 21:41:50.5, 0.1, 36.20N, 25.44E, h10km, ML1.9, Error ellipse: s-maj=4.0km s-min=2.6km az=90.0

ISCJB 18 21:41:51.0, 0.4, 36.24N, 0.02, 25.45E, 0.04, h17km, 4km, Error ellipse: s-maj=5.5km s-min=3.8km az=21.0

THE 18 21:41:51.1, 36.21N, 25.44E, h6km, 2km, ML1.9/2, Error ellipse: s-maj=2.2km s-min=0.5km az=334.0

ATH 18 21:41:51.2, 36.24N, 25.44E, h39km, 5km, MD3.0/9

ISC 18 21:41:50.9, 0.8, 36.21N, 0.02, 25.43E, 0.03, h11km, 6km, n40, 0.054/70, Dodecanese Islands

Main table of station data for the middle column, including stations like THRE Thra Island, SANT Santorini, THRI Thera Island, etc.

ISCJB 18 21:59:53.2, 0.3, 37.65N, 0.01, 22.14E, 0.02, h2km, 3km, Error ellipse: s-maj=2.5km s-min=2.1km az=145.8

CSEM 18 21:59:53.6, 0.1, 37.67N, 22.14E, h5km, MD3.0, Error ellipse: s-maj=2.3km s-min=1.9km az=42.0

THE 18 21:59:54.2, 37.66N, 22.14E, h1km, 1km, ML3.0/5, Error ellipse: s-maj=1.3km s-min=0.5km az=243.0

ISC 18 21:59:53.9, 1.0, 37.67N, 22.15E, 0.01, h5km, 8km, n160, 0.056/221, Southern Greece

Main table of station data for the right column, including stations like GUR Goura, VLA Vlachokerasia, ART Artemida-Makis, etc.

ISCJB 18 21:37:16.9, 0.6, 37.89N, 0.03, 29.07E, 0.07, h8km, 6km, Error ellipse: s-maj=8.9km s-min=4.6km az=0.1

DDA 18 21:37:16.7, 37.86N, 27.32E, h7km, Md2.8

ISC 18 21:37:16.7, 0.1, 37.89N, 29.09E, h10km, 8km, n19, 0.033/26, Turkey

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LKR Lokris, PDO Prodrornos, ATAL Atalanti, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KMRS Kahramanmaras, CEYT Ceyhan, AKO Adana, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Apsara Springs, MTN Manton Dam, etc.

ROMANIA

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LOT Lotru, ARR Arges, MDB Medias, etc.

DDA 18 22:02:14.6, 38.59N, 27.42E, h7km, MD2.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IZM Izmir, AKS Akhisar, AYDB Zeytinkoy-Aydi, etc.

ISC/B 18 22:31:41.2, 0.5, 24.52N, 0.02, 121.93E, 0.02, h11km, 6km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TWC Suao, ENA Nanao, ILA Ilan, etc.

ISC/B 18 22:10:12.2, 0.8, 37.26N, 0.05, 36.36E, 0.06, h8km, Error

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HCB Kahramanmara, KMRS Kahramanmaras, KOZT Kozan, etc.

DDA 18 22:02:43.0, 37.26N, 36.34E, h7km, MD3.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAMA Osmaniye, AYKD Aykandakav, KOZT Kozan, etc.

MEX 18 22:14:42.6, 1.0, 19.37N, 104.38W, h5km, MD4.0, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like R15V Norfolk Island, EZSV Urewera, MMIG Aquila, etc.

YOG 18 22:25:58.7, 0.1, 39.49N, 74.45E, mb2.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SMLT Sun Moon Lake, TYC Yuchr, EHY Hungye, etc.

AUST 18 22:25:35.5, 37.0, 14.56S, 170.68W, h284km, 2km, Error

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NFK Norfolk Island, URZ Urewera, etc.

ISC 18 22:26:31.1, 0.7, 14.95S, 0.02, 177.5W, 0.1, h372km, n24, n19, 39/25, mb3.7/9, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JKRJ Kuroshima, IJG Ishigaki jima, JISU Ishigakijima, etc.

Table with columns: NRN, Naryn, baz=329, 2.18, 34↑eP, Pn, 22 51 38.7 +0.5, etc.

18d 23h: 03.7-3.9, 16.675:75.57W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.6/19, mbtmp3.6/3, ML3.7/1, MS3.0/1, Ms1 3.2/1, ms1mx2.7/17, Error ellipse: s-maj=147.9km s-min=28.8km az=11.0, Off coast of Peru

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

18d 23h: 07.1+1.6, 3.71N:126.93E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/24, mbtmp3.4/4, Error ellipse: s-maj=156.7km s-min=25.8km az=68.0, DJA 18d 23h: 51.0, 9.0'N, 127.5'E, h10km, M3.6/3, Mlv3.6/3, ISC 18d 23h: 51.0, 4.0, 9.0N, 121.1E, h10km, n7, c285/7, mb3.5/4, Minahassa Peninsula, Sulawesi

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

18d 23h: 07.6+1.1, 9.3776S:73.31W, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.4/16, mbtmp3.2/4, ML3.4/1, Error ellipse: s-maj=65.6km s-min=19.5km az=61.0, Near coast of central Chile

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

18d 23h: 22.0, 2.0, 2.3831S:176.27E, h119km, MG4.2(WEL), After WEL, WEL 18d 23h: 22.0, 2.0, 2.3831S:176.27E, h118km, 2km, ML4.2/21, 21C-12D, Error ellipse: s-maj=1.2km s-min=1.0km az=0.0, North Island

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

Main table with columns: TARZ, Mount Tarawera, 0.20, 68, Pn, Pn, 23 22 36.6 -0.1, etc.

Table with columns: KHEZ, Kahui Hut, 2.02, 40, Pn, Pn, 23 22 54.2 +0.4, etc.

DDA 18d 23h: 48.9, 36.93N:33.96E, h7km, Md2.9, ISCJB 18d 23h: 49.3, 0.6, 36.92N:0.02:33.96E:0.03, h3km, 5km, Error ellipse: s-maj=4.3km s-min=3.9km az=32.9, CSEEM 18d 23h: 49.7, 0.1, 36.92N:33.94E:0.03, Md2.9, Error ellipse: s-maj=2.9km s-min=2.5km az=100.0, ISK 18d 23h: 49.5, 36.90N:33.93E, h10km, MD3.1, ISC 18d 23h: 49.6, 1.2, 36.93N:0.02:33.95E:0.02, h4km, 13km, n56, c051/68, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Neokhori, Xorichti, Skiathos, Simia, Agios Georgios, Atalanti, Lokris, Makrakomi, Paliouri.

DDA 19 00:53:03.8, 87.86N, 27.36E, h7km, MD2.6
ISCJB 19 00:53:04.3, 87.98N, 0.1, 27.36E, 0.05, h10km, Error
elliptic: s-maj=15.2km s-min=4.6km az=12.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zeytinkoy-Aydi, Izmir, Yerkesik, Kula-Manisa.

ISCJB 19 00:56:53.7, 0.5, 33.37N, 0.01, 116.37W, 0.02, h12km, 3km,
Error ellipse: s-maj=2.6km s-min=2.3km az=144.0

NEIC 19 00:56:55.0, 33.39N, 116.41W, h13km, ML3.8(PAS), After
PAS.
NEIC Fell [III] at Borrego Springs and Ramona; [II] at Carlsbad,
Chula Vista, El Cajon, Escondido, Julian, La Jolla, La
Mesa, La Quinta, Palm Desert, Palm Springs, Poway,
Rancho Santa Fe, San Diego, San Marcos, Santee,
Solana Beach and Spring Valley. Fell widely in Riverside
and San Diego Counties.

MEX 19 00:56:55.8, 0.5, 33.47N, 116.27W, h20km, 447km, MD4.0
ISC 19 00:56:55.8, 0.9, 33.37N, 0.02, 116.36W, 0.02, h14km, 7km,
n54, c1901/95, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pinyon Flat Ob, Monument Peak, Sam W. Stewart, Belle Mtn. Jos, Barret, Murrieta, Imperial Blvd, Camp Elliot, Big Chucakwall, Tijuana, Big Bear Solar, Cerro Bola, Glamis, Mount Baldy, Hecator Ludlow, Granite Mouna, Blythe, Mount Wilson, Fort Macarthur, Catalina Islan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pasadena, Green Verdugo, San Clemente I, Goldstone, Needles Airpor, Edwards Air Fo, Parker Dam, Lark, Turquoise Moun, Osoito Adit, Osoito Adit, Laguna Peak, Laurel Moutai, San Pedro Mart, San Pedro Mart, San Nicolas Is, Arvin, Isabella, Darwin (Calif), Sheep Range, Organ Pipe Nat, Wupatki, Tucson, Cedar City, Troy Canyon, Columbia Colle, Dugway, Paradox Valley.

ISCJB 19 01:03:26.3, 1.0, 6.41S, 0.0, 129.5E, 0.2, h10km, mb3.7/1,
MS2.9/1, Error ellipse: s-maj=34.6km s-min=12.1km
az=2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Wupatki, Tucson, Cedar City, Troy Canyon, Columbia Colle, Dugway, Paradox Valley.

ISCJB 19 01:03:26.3, 1.0, 6.41S, 0.0, 129.5E, 0.2, h10km, mb3.7/1,
MS2.9/1, Error ellipse: s-maj=34.6km s-min=12.1km
az=2.1

ISCJB 19 01:03:27.2, 2.2, 6.50S, 129.29E, h0km, mb3.6/1,
mb1.3/6.3, mb1mx3.2/20, mbtmp3.4/3, ML3.4/2, MS2.9/1,
Ms1.2/9.1, ms1mx2.4/22, Error ellipse: s-maj=115.4km
s-min=33.0km az=68.0

AUST 19 01:03:32.2, 2.7, 6.24S, 129.04E, h54km, 1km, Error
ellipse: s-maj=2.3km s-min=2.0km az=280.0

ISC 19 01:03:28.1, 1.2, 37.93N, 0.06, 27.38E, 0.05, h10km, n10,
c1919/5, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mantion Dam, Kakadu, Fitzroy Crossi, Warrungarra Arr, Palau, Coen, Alice Springs, Warkara, Matsushiro Arr, Makanchi Array.

ISCJB 19 01:04:07.7, 1.1, 37.85N, 0.10, 27.31E, 0.06, h10km, Error
ellipse: s-maj=14.3km s-min=5.8km az=16.2

DDA 19 01:04:08.7, 37.92N, 27.36E, h7km, MD2.6
CSEM 19 01:04:08.2, 37.91N, 27.36E, h20km, MD2.3, After ISK
ISK 19 01:04:08.2, 37.91N, 27.36E, h20km, MD2.3

ISC 19 01:04:08.1, 1.2, 37.93N, 0.06, 27.38E, 0.05, h10km, n9,
c0529/12, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zeytinkoy-Aydi, Zeytinkoy-Aydi, Izmir, Yerkesik, YER, Kula-Manisa, Kula-Manisa, Rikitea, Tubuai, South Pole Qui, Papeete2, Papeete, Pasa Flores, Vailhoa, Vailhoa, La Paz, Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cape Leeuwijn, Cape Leeuwijn H, Cape Leeuwijn S, Warrungarra Arr, Lajitas Array, Eielson Array, Sonm, Makanchi Array, Kemin Array.

ISCJB 19 01:42:51.8, 0.4, 17.70S, 0.0, 69.54W, 0.06, h141km, 4km,
mb4.1/7, Error ellipse: s-maj=9.5km s-min=6.0km az=5.8
NEIC 19 01:42:52.8, 0.8, 17.63S, 69.43W, h131km, 8km, mb4.1/1,
Error ellipse: s-maj=13.4km s-min=10.2km az=108.0

GUC 19 01:42:53.4, 0.5, 17.87S, 69.61W, h139km, 3km, ML4.0
IDC 19 01:42:54.5, 1.4, 17.69S, 69.28W, h140km, 9km, mb3.8/5,
mb1.3/9.8, mb1mx3.6/28, mbtmp4.3/8, MS2.4/1, Ms1.2/4/1,
ms1mx2.3/19, Error ellipse: s-maj=22.2km s-min=14.5km
az=204.0

ISC 19 01:42:52.8, 0.7, 17.72S, 0.0, 69.53W, 0.07, h130km, 7km,
n28, c1551/38, mb4.4/7, 4C-2D, Peru-Bolivia border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPOC Station P, ARCH Arica, ARCH Minimini, PISagua, La Paz, IPOC Station P, IPOC Station P, Limon Verde, Limon Verde, IPOC Station P, San Ignacio, Samuel, Coronei Fontan, Pitinga, BDFB Brasilia, PLCA, TXAR Lajitas Array, LIC, TIC, KIC, DBIC, TOAO, TOROI, ESD, AAK, PALK, SONMO.

ISCJB 19 01:53:12.9, 0.6, 55.0S, 0.2, 129.7W, 0.2, h10km, mb4.0/11,
MS3.8/14, Error ellipse: s-maj=24.5km s-min=14.2km
az=150.8

IDC 19 01:53:12.8, 0.8, 54.95S, 129.88W, h0km, mb3.9/7,
mb1.4/7.7, mb1mx3.9/22, mbtmp3.9/7, MS3.8/14,
Ms1.3/8.14, ms1mx3.7/18, Error ellipse: s-maj=30.0km
s-min=23.5km az=128.0

NEIC 19 01:53:14.3, 0.4, 54.97S, 129.73W, h10km, mb4.3/4, Error
ellipse: s-maj=16.0km s-min=10.6km az=105.0

ISC 19 01:53:14.3, 0.7, 55.0S, 0.2, 129.7W, 0.2, h10km, n46,
c0731/19, mb4.1/11, MS3.9/14, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Rikitea, Rikitea, Rikitea, Vanda, Vanda, Tubuai, Tubuai, South Pole Qui, Papeete2, Papeete, Pasa Flores, Vailhoa, Vailhoa, La Paz, Alice Springs, Samuel.

19d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for BDFB Brasilia, ASAR Alice Springs, ROSC El Rosal, etc.

ISCJB 19 01:58:37.0, 7.38160N, 0.04:27.94E, 0.05, h1km, 10km, Error ellipse: s-maj=7.6km s-min=4.4km az=136.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for AKS Akhisar, MANT Manisa, etc.

NIED 19 02:39:00, 39.20N, 144.40E, h5km, Mw3.7 Best double couple: M3.56000, 1.014 NP1.335, 00000, 837.00000, lambda=108.00000, NP2.0177, 00000, 855.00000, lambda=77.00000

ISCJB 19 02:39:14.4, 1.3, 38.98N, 144.75E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.5/34, mbtmp3.7/5, ML3.4/2, MS2.7/2, Ms1 2.7/2, ms1mx2.3/34, Error ellipse: s-maj=38.4km s-min=23.5km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for MIYJ Miyakonagasawa, JTH Tanohata, etc.

ISC 19 02:49:41.8, 36.96N, 29.20E, h5km, MD2.9

20m NOV

ellipse: s-maj=5.7km s-min=4.3km az=19.3 DDA 19 02:49:43.1, 36.96N, 29.20E, h7km, MD3.1 CSEM 19 02:49:43.2, 0.1, 36.97N, 29.19E, h8km, MD2.9 Error ellipse: s-maj=3.7km s-min=3.4km az=126.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Code Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for FETY Fethiye, GOLH Golhisar, etc.

DDA 19 03:01:12.6, 36.97N, 29.16E, h7km, MD3.0 ISK 19 03:01:12.9, 36.96N, 29.13E, h6km, MD3.0 ISCJB 19 03:01:13.0, 0.0, 36.97N, 0.0:29.16E, 0.04, h7km, Error ellipse: s-maj=5.4km s-min=5.0km az=159.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Code Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for FETY Fethiye, DALY Dalyan, etc.

ISC 19 03:03:13.5, 0.0, 36.99N, 0.0:29.16E, 0.03, h7km, n26, 0.091/34, Turkey

ISC 19 03:03:07.1, 3.9, 646E, h0km, mb3.5/2, mb1 3.9/2, mb1mx3.4/17, mbtmp3.6/2, Error ellipse: s-maj=137.6km s-min=50.0km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Arr, etc.

ISCJB 19 03:24:04.3, 0.3, 60.78N, 0.0:2.146'84W, 0.03, h29km, 2km, mb3.5/2, Error ellipse: s-maj=3.4km s-min=2.5km az=6.4

938

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SLKM Skiak Lake, SUCK Suckling Hills, VRDI Verde Repeater, etc.

VIE 19 03:25:47.9, 0.2, 47.28N, 11.44E, h3km, m0.8/3, 6C, Error ellipse: s-maj=3.3km s-min=1.0km az=30.0, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for WATA Walderalm, WTTA Wettersberg, WTTA WTTA, etc.

ISCJB 19 03:27:36.4, 0.3, 43.26N, 0.0:1.21'07E, 0.02, h3km, 2km, Error ellipse: s-maj=2.5km s-min=2.2km az=31.4

ISC 19 03:27:37.1, 0.3, 43.28N, 0.0:1.21'07E, h1km, 1h3km, MD2.5/10, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SELS Selova, BOVS Bovan, BOVS Bovan, etc.

19d 4h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, M, L, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

2010 NOV

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, M, L, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

940

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, M, L, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

KMI	Kunming	39.27	257	P	P	04 09 23.3	+0.6
KMI				pP	pP	04 09 37.3	+0.1
KMI				sP	sP	04 09 44.8	+1.0
KMI				S	S	04 15 21.8	+2.2
KMI				sS	sS	04 15 44.8	+0.7
KMI	comp=Z,50nm,0.8s			PMZ			
KMI	comp=Z,140nm,3.1s			LN			
KMI	comp=Z,140nm,23.6s			LE			
KMI	comp=Z,100nm,25.3s			LE			
KMI	comp=Z,120nm,27.6s			LZ			
RSO	Redoubt South	40.13	43	eP	P	04 09 30.3	+0.8
PPLA	Purkeypile	40.31	39	eP	P	04 09 32.7	+1.8
ZAAO	Zalesovo Array	40.39	307	eP	P	04 09 30.5	-0.9
ZALV	Zalesovo Beam	40.39	307	P	P	04 09 31.1	-0.3
ZALV	comp=Z,21nm,0.8s,baz=83,slow=2.4,SNR=18			PcP	PcP	04 11 33.1	-0.3
ZALV	comp=Z,212nm,18.0s,baz=70,slow=38			LR	LR	04 27 26.6	
SPU	Mount Spurr	40.44	41	eP	P	04 09 31.7	+1.3
KDAK	Kodiak Island	40.45	47	eP	P	04 09 31.7	-0.1
KDAK	Kodiak Island	40.45	47	eP	P	04 09 31.4	-0.4
KDAK	Kodiak Island	40.45	47	eP	P	04 09 31.0	-0.8
KDAK	Kodiak Island	40.45	47	eP	P	04 09 31.4	-0.4
KDAK	Kodiak Island	40.45	47	eP	P	04 09 31.9	+0.1
BPAW	Bear Paw Mtn.	40.84	37	eP	P	04 09 36.3	+1.3
KTH	Kantishna Hill	40.88	38	eP	P	04 09 35.9	+0.5
MLY	Manley	40.94	36	eP	P	04 09 37.2	+1.3
CNPM	China Poot	40.97	44	eP	P	04 09 37.0	+0.8
BRLK	Bradley Lake	41.12	44	eP	P	04 09 38.6	+1.2
NVS	Novosibirsk	41.14	309	eP	P	04 09 34.5	-3.1
NVS	Novosibirsk	41.14	309	eP	P	04 09 34.5	-3.1
TRF	Thorfare Moun	41.16	38	eP	P	04 09 37.5	-0.3
WMQ	Urumqi	41.21	292	P	P	04 09 38.9	+0.5
WMQ				pP	pP	04 09 54.1	+1.2
WMQ				sP	sP	04 09 58.8	+0.3
WMQ				PcS	PcS	04 15 28.5	+0.9
WMQ				PcS	PcS	04 15 46.0	-1.9
WMQ	comp=Z,29nm,1.1s			PMZ			
WMQ	comp=Z,200nm,4.0s			LN			
WMQ	comp=Z,140nm,20.0s			LE			
WMQ	comp=Z,120nm,24.0s			LE			
WMQ	comp=Z,280nm,21.0s			LZ			
COLD	Coldfoot	41.21	32	eP	P	04 09 38.0	0.0
RC01	Rabbit Creek A	41.56	41	eP	P	04 09 40.5	-0.5
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76	37	eP	P	04 11 37.2	-0.6
MCK	McKinley	41.76	37	eP	P	04 09 42.9	0.0
MCK	McKinley	41.76	37	eP	P	04 09 43.1	+0.6
MCK	McKinley	41.76</					

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOG, EDIRNE, KONYA-TATAY, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CCM, Cathedral Cave, PPT, Papeete, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VIL2, MRKA, Markates, etc.

ISCBJ 19 04:13:04.9-0.4, 38.25N-01:23.90E+0.02, h0km, 4km, Error ellipse: s-maj=3.2km s-min=2.3km az=174.4

CSEM 19 04:13:05.6-0.1, 38.25N-23.88E, h2km, MD2.8, Error ellipse: s-maj=2.8km s-min=2.1km az=85.0

THE 19 04:13:05.4, 38.25N-23.90E, h9km, 1km, ML2.2/19, Error ellipse: s-maj=1.3km s-min=0.6km az=111.0

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

CSEM 19 04:37:02.6, 39.17N-22.12E, h23km, MD2.6, After ATH 19 04:37:02.6, 39.17N-22.12E, h23km, 1km, MD2.6/7,

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

ellipse: s-maj=2.0km s-min=1.1km az=252.0
ATH 19 04:37:04.6,37.68N,22.16E,h17km,4km,MD2 8/12
ISC 19 04:37:04.5-0.9,37.68N,0.02-22.14E,0.02,h15km,7km,
n49_e081/81,Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations in Southern Greece with their respective codes and coordinates.

IDC 19 04:44:00.5-0.7,23.12N,123.10E,h0km,mb4.2/18,
mb1 4.3/20,mb1mx4.1/54,mbtmp4.2/20,ML4.0/2,MS3.7/21,
Ms1 3.7/21,ms1mx3.5/36,Error ellipse: s-maj=21.2km
s-min=14.6km az=77.0

NIED 19 04:44:00.23.10N,123.30E,h8km,Mw4.5 Best double
couple: M0.6,12000x1015 NP1.0x66.00000 876.00000,
1.166.00000 NP2.0x159.00000 876.00000 1.15.000000

JMA 19 04:44:02.0,2.23.14N,123.33E,h55km,ML4.4
ISCJB 19 04:44:02.9,0.9,23.21N,123.33E,0.103,123.33E,0.02,h26km,7km,
mb4.2/35,MS3.7/21,Error ellipse: s-maj=5.2km
s-min=3.2km az=151.2

NEIC 19 04:44:02.7,2.23.17N,123.23E,h11km,17km,mb4.5/13,
MW4.5(NIED),Error ellipse: s-maj=7.2km s-min=5.5km
az=85.0

BUI 19 04:44:04.7,23.36N,123.27E,h28km,mb4.5/29,MB4.5/29,
Ms4.3/28,Ms7 4.0/27
MOS 19 04:44:15.0,1.2,23.95N,123.31E,h88km,mb4.3/13,Error
ellipse: s-maj=13.6km s-min=7.6km az=82.5

ISC 19 04:44:05.4,0.6,23.24N,102.423.35E,0.03,h29km,3km,
n129_e226/147,mb4.3/35,MS3.7/21,4C-1D,
Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations in the Southwestern Ryukyu Islands.

Main seismic event table with columns: QZHZ, LN, Pn, S, Sn, Pmax, Pmin, etc. Lists seismic events with their origin times, locations, and magnitudes.

Table with columns: STA, LN, Pmax, Pmin, etc. Lists station names and their associated seismic data points.

Table with columns: BRTR, comp-Z, 1.0nm, 0.7s, pmax, pmax, 04 55 47.8 -1.9, 04 56 07.8 +0.3, etc.

NNC 19 04:57:24.7, 1.5, 39.74N, 73.85E, h1km, 6km, mb3.1, mpv2.8, Error ellipse: s-maj=13.3km s-min=7.4km az=132.0

KRNET 19 04:57:17.1, 0.1, 39.39N, 73.86E, mb3.0, 26C-19D, Tajikistan-Xinjiang border region

Main table for 945 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

GUC 19 05:04:49.7, 0.5, 35.38S, 72.77W, h37km, 2km, ML4.1, 5C, Near coast of Central Chile

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

ISCJB 19 05:08:08.3, 1.2, 51.44N, 0.05, 16.08E, 0.05, h0km, Error ellipse: s-maj=7.2km s-min=3.7km az=25.5

CSEM 19 05:08:09.2, 0.4, 51.47N, 16.12E, h1km, ML3.0/4, Error ellipse: s-maj=5.9km s-min=3.8km az=3.0

PRU 19 05:08:10.0, 0.1, 51.46N, 16.11E, h0km

ISC 19 05:08:09.6, 1.6, 51.44N, 0.07, 16.10E, 0.04, h0km, n24, 0.559/33, Poland

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

Table for 2010 NOV (left side) with columns: KSP, KSP, KSP, UPC, UPC, etc.

CASC 19 05:35:29.3, 3.9, 11.13N, 86.97W, h21km, 23km, MD3.9, ML3.3, 1D, Near coast of Nicaragua

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

DDA 19 05:36:13.2, 37.36N, 36.43E, h7km, Md3.0

CSEM 19 05:36:13.3, 0.1, 37.41N, 36.37E, h2km, MD2.9, Error ellipse: s-maj=3.2km s-min=2.6km az=139.0

ISC 19 05:36:13.0, 37.39N, 36.43E, h6km, MD2.9

ISK 19 05:36:13.6, 1.1, 37.37N, 0.03, 36.43E, 0.02, h7km, 9km, n39, 0.857/55, Turkey

Main table for 2010 NOV (right side) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

MAN 19 05:40:45, 17.15N, 120.58E, h25km, mb3.9, ML2.7, MS2.3, 1C, Luzon

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

ISCN 19 05:44:29.2, 5.2, 36.08N, 41.02E, h0km, 7km, ML3.4

DARE 19 05:44:32.2, 36.34N, 40.91E, h15km, Md3.3

ISC 19 05:44:36.7, 36.51N, 40.73E, h4km, ML3.4

CSEM 19 05:44:38.8, 0.5, 36.57N, 40.76E, h5km, ML3.4, Error ellipse: s-maj=10.9km s-min=5.9km az=158.0

ISC 19 05:44:34.8, 1.8, 36.41N, 0.06, 40.78E, 0.03, h2km, 12km, n63, 0.182/76, Jordan - Syria region

Table for 19d 5h (top) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NIED 19 05:57:00, 29.80N, 141.20E, h122km, Mw4.3, Best double couple: M=3.39000x1015 N1P1=271.00000, 0.68, 0.00000, 1.67, 0.00000, NP2=6.00000, 0.78, 0.00000, 1.2, 0.00000

JMA 19 05:57:22.6, 0.1, 29.78N, 141.19E, h167km, 3km, M4.2

MOS 19 05:57:22.6, 0.1, 29.71N, 140.77E, h119km, mb4.8/20, Error ellipse: s-maj=11.5km s-min=5.7km az=101.0

ISCJB 19 05:57:23.0, 4.0, 29.74N, 0.02, 140.87E, 0.04, h124km, 3km, mb4.5/56, Error ellipse: s-maj=6.0km s-min=3.6km az=168.0

NEIC 19 05:57:24.7, 0.6, 29.73N, 140.82E, h123km, 5km, mb4.8/33, MW4.3(NIED), Error ellipse: s-maj=6.0km s-min=4.6km az=104.0

IDC 19 05:57:24.4, 0.7, 29.72N, 140.70E, h121km, 5km, mb3.9/19, m1 4/025, mb1mx3.9/42, mbmtmp4.3/25, MS2.9/1, ms1 3/1, ms1mx2.4/31, Error ellipse: s-maj=14.7km s-min=9.2km az=80.0

BUJ 19 05:57:24.9, 29.77N, 140.78E, h136km, mb4.5/23, mb4.7/18

ISC 19 05:57:25.6, 0.4, 29.75N, 0.04, 140.91E, 0.05, h135km, 3km, h135km, pP-P, n168, 0.1958/202, mb4.4/57, 6C, Southeast of Honshu

Table for 19d 5h (bottom) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

19d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JNU Nakatsue, ERM Erimo, KSARS Korea Array, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like BILL Bilibino, MTN Man Dan, WMO Ururumi, etc.

946

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVAR, AKASO Malin Array, KIEV Kiev, etc.

NEIC Feat at Opotiki. WEL 19 06:11:19.5, 37:95S:177:18E, h81km, ML4.0(WEL), After WEL.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like URZ Unwera, EDJR Edgercombe, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LEGS Legarje, ROBS Robic, CESS Cesta pri Kršk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KOLS Kolonické sedl, ISCJB 19 07:14:38.0, JMA 19 07:14:38.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GVD Gavdhos, SIVA Sivas, ANOYIA Anoyia, etc.

mb1 3.6/3, mb1mx3.2/48, mbtmp3.5/3, MS2.7/1, Ms1 2.7/1, ms1mx2.2/35, Error ellipse: s-maj=167.4km s-min=53.9km az=113.0

CSEM 19 14:36:45.3±0.6, 26.53N±57.76E, h2km, ML3.4, Error ellipse: s-maj=18.5km s-min=11.6km az=119.0

ISCJB 19 14:36:47.8±1.0, 26.49N±0.05±57.53E±0.09, h10km, mb3.3/3, Error ellipse: s-maj=11.1km s-min=7.2km az=0.0

DSN 19 14:36:51.8±1.9, 26.41N±57.30E, h14km, mb3.8/3, ML3.4/7, Error ellipse: s-maj=26.1km s-min=7.0km az=176.0

ISC 19 14:36:47.2±1.2, 26.34N±0.08±57.57E±0.08, h10km, n20, c0584/21, mb3.4/3, 4C-3D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like BANOM, BNDSD, HATD, ASHO, MAZ, FAQ, ASUD, KRBR, ZHFS, GHIR, GEYT, BRTR, FINES, TORD.

ISC 19 14:37:54.9±1.7, 4.92S±133.73E, h0km, mb3.2/2, mb1 3.9/7, mb1mx3.5/42, mbtmp3.9/7, ML3.6/5, Error ellipse: s-maj=21.6km s-min=14.2km az=66.0

AUST 19 14:37:55.0±0.4, 5.3S±134.31E, h74km, Error ellipse: s-maj=2.2km s-min=1.4km az=227.0

ISC 19 14:37:55.8±1.1, 4.96S±133.6E±0.2, h10km, n13, c1567/11, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like FAKI, SJIJ, KDU, MNTR, COEN, WRA, FITZ, FITZ, FITZ, ASAR, CTA, CMAR, MKAR.

ISK 19 14:39:01.6, 36.95N±29.25E, h5km, MD3.1

DDA 19 14:39:02.2, 36.95N±29.33E, h7km, MD2.6

CSEM 19 14:39:03.1±0.2, 36.98N±29.27E, h2km, MD3.1, Error ellipse: s-maj=3.7km s-min=2.4km az=146.0

ISC 19 14:39:02.8±1.1, 36.96N±0.02±29.30E±0.02, h3km±10km, n29, c1504/44, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like GOLH, FETI, ELL, DALY, TURN, DNZL, AKAS, YER, KORT, KHL, KHAL, SUTC, BDRM, AYBD, BAGO.

ISC 19 14:46:06.1±8.5, 338S±142.61E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/24, mbtmp3.7/4, MS3.6/10, Ms1 3.6/10, ms1mx3.4/27, Error ellipse: s-maj=236.1km s-min=21.3km az=80.0, West of Macquarie Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like H01W1, H01W2, H01W3, URZ, ASAR, WRA, QSPA, FITZ, MAW, BAFI, PPTZ, PPT, CMAR, BOSB, MATP.

WEL 19 15:09:43.2±1.2, 35.53S±177.85E, h33km, ML4.0/3, Error ellipse: s-maj=14.8km s-min=8.5km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like HAZ, WMGZ, WMGZ, PUK, PUZ, URZ, URZ, MWZ, KNZ.

ISCJB 19 15:16:45.5±1.2, 11.6N±0.2±44.07E±0.08, h10km, mb3.6/10, MS2.8/4, Error ellipse: s-maj=27.9km s-min=8.9km az=165.9

ISC 19 15:16:45.5±1.6, 11.54N±43.99E, h0km, mb3.5/10, mb1 3.6/10, mb1mx3.5/61, mbtmp3.5/10, MS2.9/4, Ms1 2.9/4, ms1mx2.6/27, Error ellipse: s-maj=37.9km s-min=15.7km az=169.0

ISC 19 15:16:47.8±1.1, 11.77N±0.2±44.00E±0.10, h10km, n15, c0581/14, mb3.6/10, MS2.7/4, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ATD, FURI, KMBO, ASAF, MOUNT, MMAL, GEYT, IDI, BRTR, BRTR, TORD, GERES, MKAR, KURBB, ZALV, CMAR, SONMI.

ISC 19 15:23:39.3±2.0, 1.70N±126.49E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/37, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=120.3km s-min=26.6km az=68.0

ISCJB 19 15:23:43.3±1.2, 1.8N±0.1±126.54E±0.08, h47km, mb3.5/3, Error ellipse: s-maj=17.9km s-min=7.3km az=33.7

DJA 19 15:23:43.6±1.5, 2.12N±12.7E±1.5, h58km±17km, M3.6/9, mb3.5/1, MLV3.7/9

ISC 19 15:23:45.4±1.4, 1.70N±0.1±126.59E±0.09, h47km, n11, c1500/13, mb3.6/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like TNTI, LBMI, KMSI, GTOI, SANI, LUWI, MRSI, FITZ, WRA, ASAR, MKAR, PRYS, KSR, BFSD, MOAB.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like MOAB, TLEK, BOSB, BOSB, KSD, KSD, UPI, UPI, MATP, BLWY.

DDA 19 16:28:34.1, 38.98N±27.69E, h7km, MD2.6

ISCJB 19 16:28:35.1±0.7, 38.94N±0.04±27.67E±0.06, h5km±9km, Error ellipse: s-maj=8.6km s-min=5.8km az=38.6

CSEM 19 16:28:35.0±0.4, 38.93N±27.68E, h2km, MD2.8, Error ellipse: s-maj=12.4km s-min=7.6km az=129.0

ISK 19 16:28:35.4, 38.78N±27.82E, h7km, MD2.8

ISC 19 16:28:35.1±1.0, 38.95N±0.07±27.72E±0.06, h12km±9km, n14, c0590/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like AKS, AKS, AKS, AKHS, AKHS, AKHS, IZM, IZM, BALLY, BALLY, DURS, DURS, DST, DST, CHOS, CHOS, CHOS.

ISCJB 19 16:30:34.8±0.8, 23.99N±0.02±122.50E±0.02, h10km±6km, Error ellipse: s-maj=3.8km s-min=2.6km az=163.4

TAP 19 16:30:34.8±0.2, 24.04N±122.41E, h2km, ML3.1, D

JMA 19 16:30:34.8±0.2, 23.92N±122.49E, h2km±5km, MD2.7

ISC 19 16:30:34.6±1.2, 23.99N±0.03±122.46E±0.03, h17km±10km, n44, c0564/68, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like JYNG, YONAGUNI, ENA, TWD, TWC, TWC, ESL, EGS, EGS, TWE, TWE, ENTT, ENTT, NNS, TWP1, TWP1, WHF, WHF, EHY, IRIF, IRIF, NSK, HATJ, HATJ, WDT, TW1, TW1, NWF, NWF, TWA, TWA, TAP, TAP, JKRS, JKRS, SMLT, SMLT, TWS1, TWS1, YUS, YUS, TYC, TYC, ELDTW, ELDTW, JIJ, JIJ, TWQ1, TWQ1, ALS, ALS, CHN5, CHN5, STYT, STYT, WGK, WGK, JISG, JISG, CHN4, CHN4.

19D 20h

Table with columns: BOLV, Bolvadin, 1.09 164, iP, Pg, 19 15 25.9 -0.1, etc.

MOS 19 19:31:50.6; 1.4, 49.37N; 156.47E, h15km, mb4, 1/4, Error ellipse: s-maj=21.3km s-min=5.8km az=79.1

IDC 19 19:31:59.5; 3.2, 49.81N; 155.92E, h71km, 23m, mb3.3/8, mb1 3/6, 1/2, mb1mx3.4/32, mbtmp3.7/12, MS2.6/2, Ms1 2.6/2, ms1mx2.3/28, Error ellipse: s-maj=45.0km s-min=17.2km az=139.0

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

Table with columns: SKR, Severo-Kuril's, 1.32 347, Op, ISC, h, m, s, ISC

Table with columns: PAU, Pauzhetka, 2.08 4, eP, Pn, 19 32 27.5 -0.1, etc.

Table with columns: PETK, Petropavlovsk, 3.79 10, P, Pn, 19 32 51.6 +0.6, etc.

Table with columns: AVH, Avacha, 4.11 18, eS, Pn, 19 33 43.1 +1.2, etc.

Table with columns: KOK, Koryaka, 4.11 17, eS, Pn, 19 33 56.7 +1.2, etc.

Table with columns: SMAR, Somma, 4.12 19, eP, Pn, 19 33 56.8 +1.1, etc.

Table with columns: MA2, Magadan, 10.74 344, Pn, Pn, 19 34 23.9 -2.2, etc.

Table with columns: ASAJ, Asahikawa, 10.94 246, P, Pn, 19 34 28.6 -0.3, etc.

Table with columns: H1N1, WAKE ISLAND Hy 30.75 161, T, T, 20 11 04.0, etc.

Table with columns: ILAR, Eielson Array, 33.03 41, P, P, 19 38 26.6 +2.0, etc.

Table with columns: CMAR, Chiang Mai Arr, 55.24 257, P, P, 19 41 24.2 +1.7, etc.

Table with columns: NOA, NORSAR Array B, 66.44 342, P, P, 19 42 36.8 -1.2, etc.

KRSC 19 19:57:42.1; 2.0, 55.30N; 163.12E, h6km, 3km, ML4.7

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

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Table with columns: ZLN, Zelenaya, 1.35 305, eP, Pn, 19 58 09.8 +0.2, etc.

Table with columns: BZMR, Bezymyanniya, 1.47 298, eP, Pn, 19 58 12.0 +0.2, etc.

Table with columns: SMKR, Semkarok, 1.52 331, eP, Pn, 19 58 32.2 -0.3, etc.

Table with columns: KMY, Karymskiy, 2.29 239, eP, Pn, 19 58 26.2 +0.7, etc.

Table with columns: MY, Mys Shipunski, 2.71 218, eS, Pn, 19 59 04.2 -1.7, etc.

Table with columns: NLY, Nalytchevo, 2.91 225, eP, Pn, 19 59 10.3 -1.4, etc.

Table with columns: SDLR, Sedlovina, 3.03 231, eS, Pn, 19 59 35.0 +2.7, etc.

Table with columns: AVH, Avacha, 3.10 232, eS, Pn, 19 59 17.8 +0.4, etc.

Table with columns: KOK, Koryaka, 3.13 233, eS, Pn, 19 59 37.6 -2.2, etc.

Table with columns: PETK, Petropavlovsk, 3.30 229, eP, Pn, 19 59 37.6 +1.6, etc.

Table with columns: MA2, Magadan, 3.68 236, Pn, Pn, 19 58 44.0 +2.8, etc.

Table with columns: PETK, Petropavlovsk, 3.68 236, Pn, Pn, 19 58 44.0 +2.8, etc.

Table with columns: RUS, Ruskaya, 3.80 223, eS, Sb, 19 59 33.4 -3.9, etc.

Table with columns: SEY, Seymchan, 9.36 329, eP, Pn, 19 59 59.0 0.0, etc.

Table with columns: UGL, Uglegorsk, 14.11 253, eP, Pn, 20 01 03.5 -0.4, etc.

Table with columns: ASAJ, Asahikawa, 17.10 238, P, Pn, 20 01 42.0 -1.2, etc.

Table with columns: H1N1, WAKE ISLAND Hy 35.61 173, T, T, 20 43 52.3, etc.

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

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Table with columns: MKAR, comp=Z, 2.0nm, 1.1s, pmax, pmax, 20 08 14.9 +6.5, etc.

Table with columns: BRVK, Borovoye, 50.31 308f, eP, P, 20 08 43.5 +2.8, etc.

Table with columns: AAK, Ala-Archa, 55.53 297f, eP, P, 20 07 19.5 -0.2, etc.

Table with columns: ANMO, Albuquerque, 62.53 68f, eP, P, 20 08 14.9 +6.5, etc.

Table with columns: TXAR, Lajitas Array, 68.37 70, P, P, 20 08 50.5 +4.5, etc.

Table with columns: WRA, Warramunga Arr, 78.72 207, eP, P, 20 09 46.1 -0.7, etc.

Table with columns: ASAR, Alice Springs, 82.40 207, P, P, 20 10 06.0 -0.5, etc.

Table with columns: TOS, Tosya, 0.34 326, eP, P, 19 57 55.5 +0.4, etc.

Table with columns: ILGA, Ilgaz, 0.52 305, iP, P, 19 57 58.2 -0.2, etc.

Table with columns: CORM, Corum, 0.64 155, eP, P, 19 58 01.5 +0.4, etc.

Table with columns: ELDT, Eldivan, 0.70 248, iP, P, 19 58 02.1 -0.5, etc.

Table with columns: BOYT, Boyabat, 0.82 35, P, P, 19 58 03.3 -0.7, etc.

Table with columns: CDAG, Cicekdag, 1.13 176, iP, P, 19 58 26.1 +0.2, etc.

Table with columns: DDA 19:20:17.25; 7.39; 43N; 42.28E, h10km, Md2.7

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

Table with columns: SVKR, Severomuysk, 0.25 9f, Op, ISC, h, m, s, ISC

Table with columns: UKT, Ukit, 0.39 169f, iP, P, 20 27 07.4 +0.3, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK, NWF, NWF, TWA, IRIF, HATJ, CHKT, SMLT, SMLT, YUS, TYC, TYC, ELDTW, ELDTW, JKRS, JKRS, JKRS, ALS, CHNS, CHNS, JIJ, TWG, STYT, CHN4, WTP, WTP, JISG, CHN1, CHN1, SGST, SSD, SSD, EAST, EAST, SCZT, SCZT.

CSEM 19 21:07:09.2, 37.85N-23.93E, h4km, MD2.5, After ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLY, VLY, VLY, ATHU, ATHU, PTL, PTL, ATH, ATH, NAIG, NAIG, VILL, VILL, SERI, SERI, SERI.

DDA 19 21:07:15.4, 37.87N-27.34E, h8km, Md3.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCAM, GCAM, GCAM, AYDB, AYDB, AYDB, IZM, IZM, IZM, URLA, URLA, URLA, BDRM, BDRM, BDRM, YER, YER, YER, AKHS, AKHS, AKHS, AKS, AKS, MANT, MANT, MANT, KULA, KULA, KULA, DKL, DKL, DKL, DNZL, DNZL, DNZL, TURN, TURN, TURN, DALY, DALY, APE, APE, APE, KHAL, KHAL, KHAL.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHAL, KHAL, SGR, SGR, SGR, BALB, BALB, BALB, FETV, FETV, FETV, BALLY, BALLY, BALLY, BALS, BALS, BALS, DURS, DURS, DURS, DURS, DURS, DST, DST, DST, EZN, EZN, EZN, TVBS, TVBS, TVBS, EDC, EDC, EDC, GELI, GELI, GELI, MRMT, MRMT, MRMT, RKY, RKY, RKY, ERIK, ERIK, ERIK, ARMT, ARMT, ARMT.

IDC 19 21:07:37.4, 5.3, 12.48S-167.58E, h0km, mb3.4/3

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

ISCJB 19 21:23:07.0, 0.8, 41.14N-0.04-43.99E, 0.04, h2km, 6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKH, AKH, AKH, TBGL, TBGL, TBGL, TBGL, TBGL, DGRG, DGRG, DGRG, KARS, KARS, KARS, DIGO, DIGO, DIGO, ONI, ONI, ONI, ARTV, ARTV, ARTV, DAGI, DAGI, DAGI, DBOC, DBOC, DBOC, DDEM, DDEM, DDEM, DBAD, DBAD, DBAD, BCA, BCA, BCA, CHVG, CHVG.

IDC 19 21:34:48.0, 2.1, 1.14N-127.70E, h0km, mb3.3/3

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

CSEM 19 21:36:07.6, 51.36N-16.12E, h0km, After GFU

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, WRA, ASAR, ASAR, MKAR, MKAR, DPC, DPC, DPC, PVCC, PVCC, PVCC, BRG, BRG, BRG, PRU, PRU, PRU, OKC, OKC, OKC, KHC, KHC, KHC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARA, KARA, KARA, CEVT, CEVT, CEVT, HDMB, HDMB, HDMB, YESY, YESY, YESY, KOZ, KOZ, KOZ.

DDA 19 21:44:08.8, 36.93N-33.98E, h7km, MD2.6, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIZK, KIZK, KIZK, KERK, KERK, KERK, GED, GED, GED, GULE, GULE, GULE.

GUC 19 21:49:36.3, 0.7, 32.92S-72.54W, h15km, 75km, ML3.7

ISC 19 21:49:36.1, 3.1, 33.16S-0.09-72.4W, 0.2, h14km, n15

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNV, LNV, RCDM, RCDM, RCDM, PEL, PEL, PEL, CLCH, CLCH, CLCH, AUSP, AUSP, AUSP, ARCO, ARCO, ARCO, AVFE, AVFE, AVFE, AGUA, AGUA, AGUA.

BJI 19 21:55:09.7, 0.66N-100.14E, h213km, mb5.1/73, mB4.9/59

ISCJB 19 21:55:14.3, 0.2, 1.15N-0.02-100.10E, 0.01, h214km, 1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNSI, MNSI, MNSI, BKN, BKN, BKN, PNI, PNI, PNI, PSI, PSI, PSI, PSI, PSI, PDSI, PDSI, PDSI, GSI, GSI, GSI, FRIM, FRIM, FRIM, SISI, SISI, SISI, KCSI, KCSI, KCSI, KGM, KGM, KGM, IPM, IPM, IPM, TPTI, TPTI, TPTI, MYKOM, MYKOM, MYKOM, PPSI, PPSI, PPSI, KULM, KULM, KULM, KULM, KULM, JMBI, JMBI, JMBI, DSRI, DSRI, DSRI, LHMI, LHMI, LHMI.

DDA 19 21:55:15.7, 0.2, 1.18N-0.02-100.10E, 0.03, h216km, 1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNSI, MNSI, MNSI, BKN, BKN, BKN, PNI, PNI, PNI, PSI, PSI, PSI, PSI, PSI, PDSI, PDSI, PDSI, GSI, GSI, GSI, FRIM, FRIM, FRIM, SISI, SISI, SISI, KCSI, KCSI, KCSI, KGM, KGM, KGM, IPM, IPM, IPM, TPTI, TPTI, TPTI, MYKOM, MYKOM, MYKOM, PPSI, PPSI, PPSI, KULM, KULM, KULM, KULM, KULM, JMBI, JMBI, JMBI, DSRI, DSRI, DSRI, LHMI, LHMI, LHMI.

19d 21h

Table of astronomical data for 19d 21h, listing objects like KSI, SKLT, LHSI, etc., with their coordinates and magnitudes.

2010 NOV

Table of astronomical data for 2010 NOV, listing objects like QIZ, QIZ, QIZ, etc., with their coordinates and magnitudes.

962

Table of astronomical data for 962, listing objects like GYA, GYA, GYA, etc., with their coordinates and magnitudes.

19d 21h

Table with columns for station call letters, frequency, and various signal quality indicators (e.g., dB, SNR, S/N, etc.). Includes stations like BBOO, RBK, MK01, MKAR, etc.

2010 NOV

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like GEYT, GYHT, ISHV, ISAD, etc.

964

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like IKOM, Komasi, IVIS, ILIN, etc.

Main table containing station call signs, frequencies, and coordinates. Includes columns for call sign, frequency, and various technical parameters.

Table with columns for event name, location, date, time, and status. Includes events like Spitsbergen Ar, Tannenbergh, Copenhagen, etc.

Table with columns for event name, location, date, time, and status. Includes events like WLF Waferdange, MEM Membach, DOU Dourbes, etc.

Table with columns for event name, location, date, time, and status. Includes events like WVOR Wild Horse Val, EGMT Egleton, HLID Hailey, etc.

19d 21h

EYMN	Ely	130.04	10	ePKPdf	PKPdf	22 13 59.9	-0.1
EYMN	Mount Baldy Ra	130.05	41	eSKPab	PKPdf	22 17 02.2	-0.1
D34A	Park Rapids	130.10	14	P	PKPdf	22 14 00.5	+0.4
C37A	Embarrass	130.12	11	P	PKPdf	22 14 00.8	+0.6
K22A	Casper	130.21	26	P	PKPdf	22 14 00.7	+0.1
K22A	Casper	130.21	26	ePKPdf	PKPdf	22 14 00.8	+0.2
K22A	Casper	130.21	26	eSKPbc	PKPdf	22 17 02.3	-1.0
SHPR	Sheep Range	130.22	38	ePKPdf	PKPdf	22 14 02.9	+2.0
H27A	Hoves	130.29	21	P	PKPdf	22 14 01.0	+0.4
D35A	Remer	130.36	13	P	PKPdf	22 14 01.0	+0.4
F31A	Hecla	130.43	17	P	PKPdf	22 14 01.7	+1.0
E33A	Westby DABS, E	130.44	15	P	PKPdf	22 14 02.0	+1.2
G29A	Hoven	130.52	19	P	PKPdf	22 14 01.4	+0.4
MSU	Marysvalle	130.58	33	ePKIKP	PKPdf	22 14 03.4	+1.8
MSU	Marysvalle	130.58	33	ePKPdf	PKPdf	22 14 03.4	+1.8
MSU	Marysvalle	130.58	33	eSKPbc	PKPdf	22 17 05.0	0.0
CCUT	Cedar City	130.58	35	ePKPdf	PKPdf	22 14 03.6	+2.0
PT17	Butcher Ranch,	130.66	32	ePKPdf	PKPdf	22 14 02.9	+1.3
MURC	Murrieta	130.73	42	P	PKPdf	22 14 02.7	+0.9
I27A	Quinn	130.79	21	P	PKPdf	22 14 02.9	+1.3
G30A	Faulkton	130.82	18	P	PKPdf	22 14 02.2	+0.7
H29A	Onida	130.94	19	P	PKPdf	22 14 02.7	+0.9
F33A	5 Mile Ranch,	130.99	15	P	PKPdf	22 14 03.2	+1.3
GMRC	Granite Mounta	131.01	40	P	PKPdf	22 14 03.7	+1.3
SRU	San Rafael	131.03	32	ePKIKP	PKPdf	22 14 02.7	+0.3
SRU	San Rafael	131.03	32	ePKPdf	PKPdf	22 14 02.7	+0.3
E36A	McGregor	131.07	12	P	PKPdf	22 14 02.8	+0.9
I28A	Midland	131.16	20	P	PKPdf	22 14 03.5	+1.2
G32A	Webster	131.20	16	P	PKPdf	22 14 03.3	+1.0
PFO	Pinyon Flat Ob	131.22	41	P	PKPdf	22 14 04.1	+1.3
BELC	Belle Mtn. Jos	131.28	41	P	PKPdf	22 14 04.1	+1.1
O20A	White River Ci	131.41	29	P	PKPdf	22 14 03.8	+0.7
O20A	White River Ci	131.41	29	ePKPdf	PKPdf	22 14 02.9	-0.2
O20A	White River Ci	131.41	29	eSKPbc	PKPdf	22 17 07.2	-0.8
I29A	Vivian Onida	131.44	20	P	PKPdf	22 14 03.4	+0.6
G33A	Ortonville	131.55	16	P	PKPdf	22 14 03.5	+0.6
F36A	Milaca	131.63	13	P	PKPdf	22 14 03.6	+0.6
J28A	Allard Ranch,	131.65	21	P	PKPdf	22 14 04.0	+0.8
MONP	Monument Peak	131.68	42	P	PKPdf	22 14 05.7	+1.9
IRM	Iron Mountain	131.73	40	P	PKPdf	22 14 04.8	+1.2
PHWV	Pilot Hill	131.77	26	ePKPdf	PKPdf	22 14 04.7	+0.9
I30A	Oacoma	131.83	19	P	PKPdf	22 14 04.4	+0.9
N23A	Red Feather La	131.88	27	ePKPdf	PKPdf	22 14 04.9	+0.8
N23A	Red Feather La	131.88	27	eSKPbc	PKPdf	22 17 08.7	-1.0
J29A	Okreek	131.98	20	P	PKPdf	22 14 04.9	+1.1
SWSC	Sam W. Stewart	132.07	42	P	PKPdf	22 14 05.4	+1.2
G36A	St. Michael	132.18	13	P	PKPdf	22 14 05.5	+1.4
H34A	Spellman Lake,	132.21	15	P	PKPdf	22 14 05.5	+1.3
K28A	Ten Mile Ranch	132.22	21	P	PKPdf	22 14 05.4	+1.0
PDMC	Parker Dam,Lak	132.28	39	P	PKPdf	22 14 06.7	+1.2
J30A	Dallas	132.33	19	P	PKPdf	22 14 05.7	+1.2
Y12C	Blythe	132.39	40	P	PKPdf	22 14 06.8	+1.9
SPMN	St. Paul	132.40	12	P	PKPdf	22 14 05.9	+1.4
H35A	Sunnyside Ranc	132.43	14	P	PKPdf	22 14 06.2	+1.7
I33A	Coleman	132.50	17	P	PKPdf	22 14 05.9	+1.1
PV05	Paradox Valley	132.55	32	ePKPdf	PKPdf	22 14 07.7	+2.4
K29A	Lazy Trails An	132.55	20	P	PKPdf	22 14 06.0	+1.0
GLA	Glamis	132.64	41	P	PKPdf	22 14 05.7	+0.3
H36A	Jessenland, He	132.76	14	P	PKPdf	22 14 06.2	+1.0
I34A	Hadley	132.77	16	P	PKPdf	22 14 06.2	+1.0
L28A	Connealy Angus	132.77	22	P	PKPdf	22 14 06.6	+1.2
PV01	Paradox Valley	132.81	31	ePKPdf	PKPdf	22 14 08.3	+2.5
J32A	Parkston	132.81	18	P	PKPdf	22 14 06.6	+1.2
ECSD	EROS Data Cent	132.84	17	P	PKPdf	22 14 06.3	+0.9
ECSD	EROS Data Cent	132.84	17	ePKPdf	PKPdf	22 14 05.6	+0.1
K30A	Basset	132.87	20	P	PKPdf	22 14 06.9	+1.4
ISCO	Idaho Springs	132.92	27	ePKIKP	PKPdf	22 14 07.4	+1.3
ISCO	Idaho Springs	132.92	27	ePKPdf	PKPdf	22 14 07.2	+1.1
H37A	Idaho Springs	132.92	27	ePKPdf	PKPdf	22 14 07.4	+1.3
H37A	Dierke Farm, C	132.98	13	P	PKPdf	22 14 06.1	+0.5
WUAZ	Wupatki	133.14	36	P	PKPdf	22 14 07.8	+1.3
WUAZ	Wupatki	133.14	36	ePKPdf	PKPdf	22 14 09.2	+2.8
K31A	O'Neill	133.20	19	P	PKPdf	22 14 07.3	+2.1
I37A	Lemond, Waseca	133.41	13	P	PKPdf	22 14 07.6	+1.1
K32A	Verdigre	133.42	18	P	PKPdf	22 14 07.7	+1.2
J34A	George	133.44	16	P	PKPdf	22 14 07.4	+0.8
L30A	Spencer Herefo	133.47	20	P	PKPdf	22 14 07.4	+0.7
WVL	Waterloo	133.55	350	eSKPbc	PKPdf	22 17 14.0	-0.9
L31A	Butterfield Fa	133.57	20	P	PKPdf	22 14 07.3	+0.4
Q21A	Divide	133.80	27	P	PKPdf	22 14 08.0	+0.2
J36A	Seneca 1, Swea	133.83	15	P	PKPdf	22 14 08.0	+0.7
N28A	Pribebon Ranch	133.90	23	P	PKPdf	22 14 07.9	+0.3
K32A	Le Mars	133.96	17	P	PKPdf	22 14 08.0	+0.4
S24A	4UR Ranch, Cre	133.96	30	ePKPdf	PKPdf	22 14 08.7	+0.6
S22A	Redenius Farm,	134.04	14	P	PKPdf	22 17 15.6	-1.4
J37A	Redenius Farm,	134.04	14	P	PKPdf	22 14 07.9	+0.2
L33A	Hoskins	134.08	18	P	PKPdf	22 14 08.6	+0.8
N29A	Votaw Ranch, W	134.14	22	P	PKPdf	22 14 08.9	+0.9
K35A	Storm Lake	134.16	16	P	PKPdf	22 14 08.7	+0.8
LBNH	Lisbon	134.22	352	eSKPbc	SKPbc	22 17 16.4	-0.8
SADO	Sadowa	134.25	359	PKP	PKPdf	22 14 07.2	-0.8
SADO	comp=N,11nm,0.9s,baz=338,slow=3			SKPbc	SKPbc	22 17 15.8	-1.5
M31A	Lambrecht Ranch	134.27	20	P	PKPdf	22 14 08.9	+0.7
J38A	Wedel Dairy, R	134.28	13	P	PKPdf	22 14 08.2	+0.1
N30A	Hueftle Ranch,	134.35	22	P	PKPdf	22 14 09.5	+1.1
W18A	Petrified Fore	134.37	35	ePKPdf	PKPdf	22 14 09.6	+0.8

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K36A	Gilmore City	134.45	15	P	PKPdf	22 14 09.2	+0.8
BGNE	Belgrade	134.49	19	P	PKPdf	22 14 09.1	+0.5
BGNE	Belgrade	134.49	19	ePKPdf	PKPdf	22 14 09.2	+0.6
K37A	Belmond	134.53	14	P	PKPdf	22 14 08.9	+0.3
SDCO	Great Sand Dun	134.61	29	P	PKPdf	22 14 09.7	+0.4
214A	Organ Pipe Nat	134.65	40	P	PKPdf	22 14 10.0	+0.8
K38A	Parkersburg	134.85	13	P	PKPdf	22 14 09.7	+0.6
O30A	AW Ranch, Wils	134.91	22	P	PKPdf	22 14 10.1	+0.7
Q28A	Sharon Springs	135.17	24	P	PKPdf	22 14 11.1	+1.1
O32A	Brockman Farm,	135.47	20	P	PKPdf	22 14 11.0	+0.6
T25A	Trinidad	135.62	28	P	PKPdf	22 14 12.7	+1.6
T25A	Trinidad	135.62	28	ePKPdf	PKPdf	22 14 11.3	+0.2
T25A	Trinidad	135.62	28	eSKPbc	PKPdf	22 17 21.1	-1.0
Q29A	Oakley	135.66	24	P	PKPdf	22 14 12.3	+1.3
M37A	Trindle Farm,	135.71	15	P	PKPdf	22 14 12.2	+1.4
P31A	Trindle Farm,	135.73	22	P	PKPdf	22 14 12.1	+1.1
R28A	Tribune	135.79	25	P	PKPdf	22 14 12.4	+1.2
O33A	Hebron	135.87	20	P	PKPdf	22 14 11.6	+0.4
Q30A	Quinter	135.89	23	P	PKPdf	22 14 12.8	+1.5
P32A	Huiting Farm,	135.93	21	P	PKPdf	22 14 12.1	+0.8
TRY	Troy	135.93	353	eSKPbc	SKPbc	22 17 21.3	-1.2
O34A	Beatrice	136.07	19	P	PKPdf	22 14 12.9	+1.3
CBKS	Cedar Bluff	136.22	23	P	PKPdf	22 14 13.2	+1.2
O35A	Humboldt	136.24	18	P	PKPdf	22 14 13.0	+1.2
N37A	Lee Farris, Mou	136.27	16	P	PKPdf	22 14 12.9	+1.0
ANMO	Albuquerque	136.30	321	ePKIKP	PKPdf	22 14 13.6	+1.2
ANMO	comp=Z,8.0nm,1.0s			pmx	pmx		
S28A	Manter	136.38	26	P	PKPdf	22 14 13.5	+1.1
P33A	Williams Farm,	136.41	20	P	PKPdf	22 14 12.8	+0.5
BRYW	Bryant College	136.44	351	eSKPbc	SKPbc	22 17 23.2	-1.0
R30A	Dighton	136.47	23	P	PKPdf	22 14 13.1	+0.7
P34A	Walnut Farm, R	136.60	19	P	PKPdf	22 14 13.4	+0.8
BINY	Binghamton	136.67	356	eSKPbc	SKPbc	22 17 22.8	-2.1
Q33A	Cornelly Farm,	136.75	20	P	PKPdf	22 14 14.0	+1.2
R31A	Burdett	136.75	23	P	PKPdf	22 14 14.1	+1.2
BNM	Barren Site	136.81	33	ePKPdf	PKPdf	22 14 14.6	+1.2
BNM	Barren Site	136.81	33	eSKPbc	SKPbc	22 17 21.5	-0.7
P35A	Duane Minner,	136.88	18	P	PKPdf	22 14 14.0	+0.9
S30A	Montezuma	136.94	24	P	PKPdf	22 14 15.0	+1.7
T29A	Hugoton	137.01	25	P	PKPdf	22 14 15.1	+1.6
KSU1	Kansas State U	137.08	19	P	PKPdf	22 14 14.7	+1.3
KSU1	Kansas State U	137.08	19	ePKPdf	PKPdf	22 14 13.8	+0.4
Q34A	Chapman	137.13	20	P	PKPdf	22 14 14.6	+1.0
R33A	Olander Ranch,	137.21	21	P	PKPdf	22 14 14.7	+0.7
S31A	Multiville	137.35	23	P	PKPdf	22 14 15.6	+1.6
121A	Cookes Peak, D	137.35	36	P	PKPdf	22 14 15.7	+1.3
T30A	Plains	137.42	25	P	PKPdf	22 14 15.5	+1.3
Q35A	Mercer Eighty,	137.48	19	P	PKPdf	22 14 15.7	+1.5
S32A	Newby Ranch, P	137.50	23	P	PKPdf	22 14 15.5	+1.2

20d Oh

ISCJB 19 23:33:15.6:1.0, 23.92N:012.122.46E:01.02, h12km, 7km, Error ellipse: s-maj=3.9km s-min=2.5km az=159.0

TAP 19 23:33:16.7:23.91N:122.42E, h18km, 1km, ML3.3, D JMA 19 23:33:16.5:0.1, 23.99N:122.41E, h31km, 4km, M2.7

ISC 19 23:33:15.9:1.2, 23.93N:012.122.43E:0.02, h19km, 3km, n39, c066/69, 1C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from JYNG to TSUM.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from TSUM to NVAR.

ISCJB 20 00:27:39.3:1.0, 51.48N:014.15.98E:0.05, h0km, Error ellipse: s-maj=6.9km s-min=3.6km az=27.0

CSEM 20 00:27:40.7:0.7, 51.48N:16.00E, h2km, ML3.0/5, Error ellipse: s-maj=10.4km s-min=6.0km az=11.0

PRU 20 00:27:41.3, 51.48N:15.99E, h0km

ISC 20 00:27:40.2:1.5, 51.53N:017.15.99E:0.04, h0km, n21, c057/42, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from KSP to KHC.

ISC 20 00:33:46.0:13.0, 21.09S:178.30W, h474km, 173km, mb2.8/5, mb1 3.1/3, mb1mx2.9/32, mbtmp3.6/3, Error ellipse: s-maj=327.7km s-min=40.4km az=167.0, Fiji

Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from ASAR to GERES.

GUC 20 00:35:07.2:0.5, 34.03S:72.39W, h36km, 4km, ML3.3

ISC 20 00:35:09.1:2.4, 34.07S:072.2W:0.1, h11km, 1.1km, n15, c1166/23, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from CHPI to AGUA.

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NEIC 20 00:47:22.9:0.6, 37.91S:73.99W, h10km, mb4.4/9, Error ellipse: s-maj=15.0km s-min=10.8km az=77.0

ISC 20 00:47:23.7:0.6, 38.01S:05.07S:73.98W:0.09, h18km, n54, c138/54, mb4.1/19, MS3.9/4, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from CCSP to HARU.

CSEM 20 00:48:24.2, 67.83N:20.19E, h0km, ML0.5, Mining explosion, After UPP

UPP 20 00:48:24.2, 67.83N:20.19E, h0km, ML0.5, Mining explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from KUA to ERTU.

CSEM 20 00:48:26.7, 67.86N:20.20E, h0km, ML0.8, Mining explosion, After UPP

UPP 20 00:48:26.7, 67.86N:20.20E, h0km, ML0.8, Mining explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events from KUA to PALJU.

ISC 20 00:51:06.7:8.4, 35.90N:71.19E, h75km, 39km, mb3.5/2, mb1 3.6/8, mb1mx3.1/50, mbtmp3.8/8, ML3.5/6, MS3.0/1, Ms1 3.0/1, MS3.9/4, Error ellipse: s-maj=110.5km s-min=24.5km az=163.0

20d 2h

Table with columns: CMIG, Station Name, Time, Res, etc. Includes entries for Matias Romero, JuntasAbangare, Otavalo, Lajitas Array, etc.

CSEM 20 02:06:03.2, 43:71N-20:70E, h0km, ML1.6, After BCO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries for GRUZ, IVAS, TRUS, SELS, DIVS, SVIS, SJES, BOVS, BBLs, KUBS, TEKS, BARS, ZAPS, etc.

GUC 20 02:09:21.3-0.7, 37:73S-75:11W, h13km, 7m, ML5.4
IDC 20 02:09:28.7-0.5, 38:00S-73:72W, h0km, mb4.5/18,
mb1.4, 6/23, mb1mx4.6/35, mbtmp4.5/23, ML3.9/4, MS4.7/1,
Ms1-4.8/1, ms1mx4.0/12, Error ellipse: s-maj=19.0km
s-min=11.6km az=82.0

ISCJB 20 02:09:29.0-0.2, 37:97S-0:03:73.68W, 0.05, h10km,
mb5.0/70, MS4.9/2, Error ellipse: s-maj=5.6km
s-min=3.7km az=161.4

MOS 20 02:09:32.9-1.3, 37:98S-73:72W, h36km, mb5.3/20, Error
ellipse: s-maj=18.4km s-min=9.0km az=103.5

BUI 20 02:09:32.3, 37:50S-73:04W, h30km, mb5.2/7, Ms5.4/10,
Ms7.5/2/11

NEIC 20 02:09:33.9-2.2, 37:96S-73:69W, h30km, s-min=5.5km 2.6/1,
ML5.4(GUC), Error ellipse: s-maj=9.3km s-min=5.5km
az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries for CCSP, VLCH, CCHI, COCH, OSCH, TALC, PMCH, PLCA, CLCH, PEL, CFAA, LCO, TRQA, LVC, USHA, EPI, CPUP, LPAZ, etc.

2010 NOV

Main table with columns: LPAZ, Station Name, Time, Res, etc. Includes entries for La Paz, SIV, SPB, SAML, BDBF, PTGA, ROSC, VNA3, VNA1, VNA2, RCBR, RCBA, SNA, SNA, SNA, SBA, SBA, VNA, VNA, SYO, TBI, TBI, HOE, TVO, O3S, TIAR, PPT2, PPT2, O3SA, 934A, 738A, 834A, MAW, MAW, MAW, 632A, 340A, 631A, VBMS, 436A, LRAL, 338A, 435B, 337A, 532A, 434A, JCT, JCT, JCT, 335A, 530A, etc.

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Table with columns: TX31, TXAR, 332A, 434A, 431A, 333A, WHTX, WHTX, 430A, 429A, 332A, 234A, 331A, 233A, 238A, 232A, 330A, SWET, 231A, TKL, 329A, Z36A, Y39A, 133A, 230A, Z35A, ABTX, ABTX, 229A, Y37A, Z34A, MIAR, 131A, Z33A, 130A, Y35A, 228A, Z32A, X38A, WVT, WVT, WVT, 129A, Y34A, Z31A, X35A, X36A, W38A, Y33A, MNXT, MNXT, Z30A, W37A, Y32A, Z29A, W36A, Y31A, X33A, W35A, W38A, PBMO, V37A, W34A, V36A, X31A, W33A, TUL1, TUL1, X30A, V35A, U38A, W32A, MSTX, MSTX, U37A, V34A, V34A, W31A, U36A, V33A, 121A, U35A, AMTX, AMTX, etc.

V32A	Arapaho	76.96	339	P	P	02 21 23.4 +0.9
U34A	Anderson Ranch	77.22	341	P	P	02 21 25.1 +1.1
T37A	Cheneyville 18	77.23	343	P	P	02 21 25.2 +1.2
V31A	Spring Creek L	77.23	339	P	P	02 21 25.3 +1.1
CCM	Cathedral Cave	77.35	346	eP	P	02 21 24.7 0.0
CCM	Cathedral Cave	77.35	346	eP	P	02 21 24.7 0.0
U33A	Lingo Farm, Me	77.37	340	P	P	02 21 25.3 +0.4
T36A	Boggs Farm, Ca	77.40	342	P	P	02 21 25.7 +0.7
T35A	Sooner Cattle	77.42	342	P	P	02 21 26.1 +1.0
V30A	Spur Ranch, Mi	77.47	338	P	P	02 21 26.0 +0.5
U32A	Winter Ranch,	77.56	340	P	P	02 21 26.6 +0.7
T34A	McClasky Farm	77.69	341	P	P	02 21 27.7 +1.1
TIC	Tomodi	77.77	72	eP	P	02 21 28.2 +0.5
KIC	Kosan Boka	77.80	72	eP	P	02 21 27.6 -0.2
S37A	Fort Scott	77.82	343	P	P	02 21 27.8 +0.5
DBIC	Dimbokro	77.91	72	eP	P	02 21 28.6 +0.1
DBIC	Dimbokro	77.91	72	eP	P	02 21 29.3 +0.9
DBIC	Dimbokro	77.91	72	eP	P	02 21 29.3 +0.9
TUC	Tucson	77.93	329	eP	P	02 21 27.3 -0.9
TUC	Tucson	77.93	329	eP	P	02 21 27.3 -0.9
S36A	Lake Cedric, C	77.96	343	P	P	02 21 29.4 +1.3
T33A	Patterson Ranc	78.02	340	P	P	02 21 29.3 +0.9
S35A	Otter Creek Ra	78.09	342	P	P	02 21 30.5 +1.6
U30A	WK&E Inc. Balk	78.17	338	P	P	02 21 31.3 +1.9
U29A	Oasis Ranch, S	78.28	338	P	P	02 21 31.8 +1.8
T32A	Huddler Ranch,	78.29	340	P	P	02 21 31.5 +1.5
S34A	Willow Spring	78.31	341	P	P	02 21 31.9 +1.8
R37A	Teagarden Farm	78.34	343	P	P	02 21 31.3 +1.1
LAZ	Ladron	78.36	332	eP	P	02 21 32.0 +1.3
S33A	Kaszmual Farm,	78.44	341	P	P	02 21 32.8 +2.0
214A	Organ Pipe Nat	78.47	327	P	P	02 21 33.0 +1.9
ANMO	Albuquerque	78.61	333	eP	P	02 21 33.5 +1.5
ANMO	Albuquerque	78.61	333	eP	P	02 21 33.4 +1.4
ANMO	Albuquerque	78.61	333	eP	P	02 21 33.8 +1.8
S31A	Mullinville	78.86	340	P	P	02 21 35.0 +1.9
R34A	Isabella, Hill	78.91	342	P	P	02 21 35.0 +1.6
SFIN	Scholer Farm,	78.93	350	P	P	02 21 35.0 +1.6
T29A	Hugoton	78.94	338	P	P	02 21 35.4 +1.8
R33A	Olander Ranch,	79.11	341	P	P	02 21 36.3 +1.9
Q36A	Arnold C. Orve	79.11	343	P	P	02 21 36.1 +1.7
Q35A	Mercer Eighty,	79.14	343	P	P	02 21 36.0 +1.4
S30A	Montezuma	79.15	339	P	P	02 21 36.3 +1.5
S29A	Ulysses	79.32	338	P	P	02 21 37.3 +1.6
R32A	Long Quarter,	79.40	340	P	P	02 21 37.7 +1.6
Q34A	Chapman	79.42	342	P	P	02 21 37.2 +1.0
HDIL	Hopedale	79.44	348	P	P	02 21 37.1 +1.0
R31A	Burdett	79.50	340	P	P	02 21 37.1 +0.5
KSU1	Kansas State U	79.51	342	P	P	02 21 37.7 +1.1
KSU1	Kansas State U	79.51	342	eP	P	02 21 37.7 +1.1
B28A	Manter	79.52	338	P	P	02 21 38.2 +1.3
BOSA	Boshof	79.56	118	P	P	02 21 36.9 -0.7
BOSA	Boshof	79.56	118	P	P	02 21 36.9 -0.7
BOSA	Boshof	79.56	118	eP	P	02 21 37.6 +0.1
TSUM	Tsumeb	79.59	106	eP	P	02 21 38.5 +0.6
P36A	Good Intent, A	79.68	343	P	P	02 21 38.8 +1.3
R30A	Dighton	79.70	339	P	P	02 21 38.8 +1.0
Q33A	Connelly Farm,	79.72	341	P	P	02 21 38.8 +1.1
P35A	Duane Minner,	79.78	343	P	P	02 21 38.7 +0.7
T25A	Trinidad	79.89	336	P	P	02 21 39.9 +0.9
T25A	Trinidad	79.89	336	eP	P	02 21 41.1 +2.0
Q32A	Mettler Ranch,	79.90	341	P	P	02 21 39.9 +1.2
P34A	Walnut Farm, R	79.99	342	P	P	02 21 39.7 +0.5
CBKS	Cedar Bluff	80.05	340	P	P	02 21 40.1 +0.6
P33A	Williams Farm,	80.10	342	P	P	02 21 40.3 +0.5
O36A	Bolckow	80.11	344	P	P	02 21 40.9 +1.1
Q31A	Ellis	80.13	340	P	P	02 21 41.3 +1.2
R28A	Tribune	80.19	338	P	P	02 21 41.3 +0.8
Q30A	Quinter	80.33	340	P	P	02 21 41.8 +0.7
N38A	Joess South For	80.39	345	P	P	02 21 42.3 +1.0
Q29A	Oakley	80.46	339	P	P	02 21 42.9 +1.1
P32A	Huiting Farm,	80.50	341	P	P	02 21 43.3 +1.3
Q34A	Beatrice	80.56	343	P	P	02 21 42.9 +0.6
P31A	Stockton	80.61	340	P	P	02 21 44.0 +1.4
O33A	Hebron	80.67	342	P	P	02 21 43.8 +0.9
Y12C	Blythe	80.75	327	P	P	02 21 44.7 +1.3
BAR	Barrett	80.80	325	eP	P	02 21 44.3 +0.6
BAR	Barrett	80.80	325	eP	P	02 21 44.3 +0.6
SDCO	Great Sand Dun	80.81	335	P	P	02 21 45.4 +1.4
SDCO	Great Sand Dun	80.81	335	eP	P	02 21 45.6 +1.6
MONP	Monument Peak	80.86	325	P	P	02 21 46.0 +1.7
P30A	Selden	80.87	340	P	P	02 21 45.2 +1.2
Q28A	Sharon Springs	80.87	338	P	P	02 21 45.7 +1.6
N35A	Tabor	80.96	343	P	P	02 21 45.0 +0.6
WU4Z	Wupatki	80.96	330	P	P	02 21 45.9 +1.1

M38A	Pleasantville	80.98	345	P	P	02 21 44.7 +0.3
O32A	Brockman Farm,	81.02	341	P	P	02 21 46.4 +1.8
PDMCI	Parker Dam,Lak	81.05	327	P	P	02 21 47.0 +2.0
KSCO	Kaye Shedlock'	81.06	338	P	P	02 21 46.8 +1.7
P29A	Atwood	81.11	339	P	P	02 21 47.4 +2.1
O31A	Woolen Ranch,	81.19	341	P	P	02 21 47.2 +1.6
S22A	4UR Ranch, Cre	81.25	334	P	P	02 21 48.3 +1.9
S26A	4UR Ranch, Cre	81.25	334	eP	P	02 21 48.3 +1.9
N33A	J Bar K, Exete	81.27	342	P	P	02 21 48.7 +2.6
IRM	Iron Mountain	81.37	326	P	P	02 21 48.9 +2.1
O30A	MW Ranch, Wils	81.41	340	P	P	02 21 48.4 +1.6
PFO	Pinyon Flat Ob	81.48	325	eP	P	02 21 50.3 +2.8
PFO	Pinyon Flat Ob	81.48	325	eP	P	02 21 50.3 +2.8
PFO	Pinyon Flat Ob	81.48	325	eP	P	02 21 50.3 +2.8
Q24A	Divide	81.80	336	P	P	02 21 50.5 +1.2
Q24A	Divide	81.80	336	eP	P	02 21 50.6 +1.4
O28A	Krutsinger Ran	81.84	339	P	P	02 21 51.0 +1.8
LBTB	Lobatse	82.00	115	eP	P	02 21 50.6 0.0
LBTB	Lobatse	82.00	115	eP	P	02 21 50.6 0.0
LBTB	Lobatse	82.00	115	eP	P	02 21 50.6 0.0
BGNE	Belgrade	82.07	342	P	P	02 21 52.5 +2.3
GMRC	Granite Mounta	82.12	326	P	P	02 21 52.4 +1.6
CIS	Catalina Islan	82.21	324	P	P	02 21 53.4 +2.2
M31A	Lambrecht Ran	82.22	341	P	P	02 21 53.2 +2.1
K36A	Gilmore City	82.41	345	P	P	02 21 53.8 +1.8
BFSO	Mount Baldy Ra	82.56	325	P	P	02 21 55.0 +1.9
SMCO	Snowmass	82.59	335	eP	P	02 21 51.7 -1.9
SNCC	San Nicolas Is	82.61	323	P	P	02 21 55.6 +2.4
ISCO	Idaho Springs	82.70	336	eP	P	02 21 56.1 +2.1
ISCO	Idaho Springs	82.70	336	eP	P	02 21 55.5 +1.5
ISCO	Idaho Springs	82.70	336	eP	P	02 21 55.5 +1.5
L31A	Butterfield Fa	82.97	342	P	P	02 21 56.8 +1.9
J36A	Seneca 1, Swea	83.05	345	P	P	02 21 56.3 +1.0
GSC	Goldstone	83.06	326	P	P	02 21 57.4 +1.7
BLG	Laguna Peak	83.10	324	P	P	02 21 57.6 +1.8
L29A	Maaberg Ranch	83.28	340	P	P	02 21 57.9 +1.3
I38A	Scanlan Farm,	83.35	347	P	P	02 21 56.9 +0.1
SHPR	Sho Range	83.36	328	eP	P	02 21 58.8 +1.5
K31A	O'Neil	83.37	342	P	P	02 21 58.2 +1.2
CCUT	Cedar City	83.52	329	eP	P	02 22 00.8 +2.7
I37A	Lemond, Wase	83.52	346	P	P	02 21 58.4 +0.7
J33A	Davis	83.60	343	P	P	02 21 59.1 +0.9
K30A	Basset	83.63	341	P	P	02 21 59.7 +1.3
I36A	Fitzsimmons Fa	83.65	346	P	P	02 21 59.4 +1.0
SBC	Santa Barbara	83.68	323	P	P	02 22 00.2 +1.5
SRU	San Rafael	83.78	332	eP	P	02 22 00.9 +1.5
SRU	San Rafael	83.78	332	eP	P	02 22 00.9 +1.5
SRU	San Rafael	83.78	332	eP	P	02 22 00.9 +1.5
N23A	Red Feather La	83.80	336	P	P	02 22 00.7 +1.1
J02A	Parkston	83.86	343	P	P	02 22 00.5 +1.0
Q30A	White River Ci	83.88	334	P	P	02 22 01.7 +1.7
ECSD	EROS Data Cent	83.92	344	P	P	02 22 00.3 +0.5
ECSD	EROS Data Cent	83.92	344	eP	P	02 22 00.3 +0.5
PKM	Peak Mountain	84.10	324	P	P	02 22 03.3 +2.2
ISA	Isabella	84.11	325	P	P	02 22 03.6 +2.6
K28A	Ten Mile Ranch	84.13	340	P	P	02 22 02.6 +1.7
H36A	Jessenland, He	84.17	346	P	P	02 22 01.8 +0.8
P17A	Butcher Ranch,	84.18	332	eP	P	02 22 03.5 +2.0
TMUT	Trail Mountain	84.20	332	eP	P	02 22 02.8 +1.1
DAC	Darwin (Calif)	84.23	326	eP	P	02 22 03.4 +1.6
DAC	Darwin (Calif)	84.23	326	eP	P	02 22 03.4 +1.6
DAC	Darwin (Calif)	84.23	326	eP	P	02 22 03.4 +1.6
H35A	Sunnyside Ranch	84.46	345	P	P	02 22 03.0 +0.5
J29A	Okreek	84.50	341	P	P	02 22 03.8 +1.1
VES	Vestal, Richgr	84.53	325	P	P	02 22 04.3 +1.2
SPMM	St. Paul	84.58	347	P	P	02 22 03.2 +0.1
J28A	Allard Ranch,	84.75	340	P	P	02 22 05.6 +1.5
H33A	Prehn Over Nor	84.85	344	P	P	02 22 05.2 +0.7
RCTC	Rector, Farmer	84.99	325	P	P	02 22 07.5 +2.1
NLU	North Lily Min	85.10	332	eP	P	02 22 11.3 +5.1
O16A	Spryville	85.11	332	eP	P	02 22 02.0 -4.1
R11A	Troy Canyon, C	85.11	328	eP	P	02 22 07.6 +1.5
R11A	Troy Canyon, C	85.11	328	eP	P	02 22 08.0 +1.8
J26A	Sides Ranch, S	85.15	339	P	P	02 22 07.2 +1.1
I28A	Midland	85.27	341			

20d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZYR Zmir, ZYL Izmir, UURLA Izmir, etc.

ISCJB 20 02:50:16.5:0.8, 37.93N:01:07:27.35E:0.04, h6km, 9km, Error ellipse: s-maj=12.0km s-min=5.0km az=10.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGB Zmir, ZYR Zmir, AKS Akhisar, etc.

MEX 20 02:59:57.0:0.7, 17.25N:100.39W, h19km, 57km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ARIG Puente Sto Nin, ZIIG Zihuatajejo, etc.

DDA 20 03:01:35.8, 36.82N:27.81E, h5km, Md2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM Kayabasi, DALY Dalyan, YER Yerkesik, etc.

ISCJB 20 03:06:09.6:0.6, 38.58N:01:03:27.93E:0.04, h1km, 5km, Error ellipse: s-maj=5.9km s-min=3.9km az=143.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS Akhisar, MANT Manisa, etc.

ISCJB 20 03:06:09.9:1.1, 38.58N:01:03:27.92E:0.03, h4km, 13km, n35, c0548/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS Akhisar, MANT Manisa, DALY Dalyan, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVSB Tavsanli, EDC Edincik, MDNY Mudanya-Bursa, etc.

CSEM 20 03:07:41.7:0.3, 38.45N:25.56E, h15km, MD2.8, Error ellipse: s-maj=8.2km s-min=4.4km az=84.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOS Chios island, SGR Sigris, SGR Sigris, etc.

IDC 20 03:11:06.1:2.2, 30.32S:177.61W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/2.4, mbtmp4.0/3, Error ellipse: s-maj=48.0km s-min=25.1km az=102.0

ISCJB 20 03:11:09.5:1.7, 30.37S:177.77W:0.3, h33km, mb3.9/6, Error ellipse: s-maj=35.2km s-min=11.1km az=2-7

NEIC 20 03:11:09.5:8.6, 30.35S:177.51W, h26km, 58km, mb4.1/3, Error ellipse: s-maj=33.4km s-min=23.2km az=146.0

ISC 20 03:11:10.3:1.5, 30.2S:177.5W:0.3, h33km, n11, c0583/10, mb4.1/5, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, CTA Charters Tower, CTAO Charters Tower, etc.

IDC 20 03:24:46.6:0.8, 18.65N:121.11E, h0km, mb3.8/12, mb1.4/0.13, mb1mx3.8/5.0, mbtmp3.8/13, ML3.7/1, Error ellipse: s-maj=24.0km s-min=18.4km az=70.0

MAN 20 03:24:51.1, 18.81N:120.91E, h5km, mb4.8, ML3.7, MS3.7

ISCJB 20 03:24:52.8:0.3, 18.83N:120.81E:0.05, h41km, mb4.0/19, Error ellipse: s-maj=7.1km s-min=4.4km az=165.0

NEIC 20 03:24:52.5:2.6, 18.64N:121.11E, h41km, 24km, mb4.3/9, Error ellipse: s-maj=9.3km s-min=7.1km az=61.0

ISC 20 03:24:53.4:0.6, 18.74N:120.05:120.83E:0.06, h41km, n40, c0511/55, mb4.0/19, 1C-1D, Luzon

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

CMAR Chiang Mai Arr 20 75 273 P P 03 29 33.0+2.2

MJAR Matsushiro Arr 23 41 37 P P 03 29 57.1-1.1

KULM Kulum 23 80 238 eP P 03 30 03.5+0.8

WRAB Tennant Creek 40 66 160 eP P 03 32 27.2-2.7

WRA Warramunga Arr 40 66 160 eP P 03 32 27.0-2.9

MKAR Makranchi Array 42 16 320 P P 03 32 43.5+1.6

H1S3 WAKE ISLAND Hy 43 36 83 T T 04 18 27.9

H1S1 WAKE ISLAND Hy 43 37 83 T T 04 18 42.3

H1S2 WAKE ISLAND Hy 43 38 83 T T 04 18 44.4

H1N1 WAKE ISLAND Hy 43 40 81 T T 04 18 34.3

H1N2 WAKE ISLAND Hy 43 40 81 T T 04 18 34.1

H1N3 WAKE ISLAND Hy 43 42 81 T T 04 18 40.3

ASAR Alice Springs 44 04 163 P P 03 32 55.2-2.2

978

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR Eielson Array, FINES FINES Array B, AKASG Malin Array B, etc.

CSEM 20 03:30:52.8:2.5, 37.95N:36.29E, h10km, MD2.6, Error ellipse: s-maj=51.2km s-min=18.6km az=175.0

ISCJB 20 03:30:56.8:0.9, 37.38N:01:06:36.37E:0.05, h14km, 7km, Error ellipse: s-maj=10.0km s-min=5.6km az=18.1

DDA 20 03:30:57.2:37.39N:36.39E, h7km, MD2.6

ISC 20 03:30:55.4:1.3, 37.35N:01:06:36.29E:0.04, h19km, 3km, n9, c054/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANDN Andirin, KAMA Kozmaniye, KOZT Kozan, etc.

DDA 20 03:36:26.9, 39.37N:26.90E, h22km, Md2.7

ISCJB 20 03:36:27.5:0.5, 39.37N:26.91E:0.03, h5km, 5km, Error ellipse: s-maj=4.2km s-min=3.8km az=3.9

CSEM 20 03:36:27.8:0.1, 39.38N:26.91E, h5km, MD2.7, Error ellipse: s-maj=3.4km s-min=2.8km az=69.0

ISC 20 03:36:27.7:0.9, 39.37N:26.91E:0.02, h13km, 7km, n43, c0558/57, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYVA Ayvalik, DKL Dikili, EZN Ezine, etc.

IDC 20 03:45:24.2:5.6, 19.08S:175.04W, h0km, mb4.3/3, mb1.4/5.3, mb1mx3.8/2.9, mbtmp3.3, Error ellipse: s-maj=262.0km s-min=56.9km az=148.0, Tonga Islands

ATH 20 03:50:08.9, 35.37N:25.33E, h17km, MD3.5/21

ISCJB 20 03:50:09.3:0.4, 35.28N:104.25:33E:0.03, h19km, 4km, Error ellipse: s-maj=6.6km s-min=3.8km az=177.8

CSEM 20 03:50:09.4:0.2, 35.11N:25.35E, h10km, MD2.6, Error ellipse: s-maj=5.1km s-min=3.7km az=168.0

THE 20 03:50:09.7, 35.37N:25.32E, h10km, MD2.6/1, Error ellipse: s-maj=3.1km s-min=0.7km az=172.0

ISC 20 03:50:09.6:0.8, 35.33N:104.25:33E:0.02, h13km, 7km, n60, c0575/80, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAST Lasithi, LACT Lasithi, IACM Heraklion, etc.

Table with columns: ENTT, Nioudou, 0.74 277 P, Pn, 05 55 59.0 +0.3, etc. Lists various stations and their associated data.

MAN 20 06:00:48, 9.67N, 122.35E, h29km, mb4.4, ML3.3, MS3.1, 2C-2D, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like San Jose, Dipolog City, etc.

MAN 20 06:02:41, 10.20N, 126.18E, h0km, mb4.3, ML3.1, MS2.9, Philippine Islands region

ICD 20 06:03:19.6, 7.3, 15°16'S, 175.81W, h0km, mb4.1/3, mb1.4/4.3, mb1mx3.8/4.2, mbtmp4.1/3, MS4.0/2, Ms1.4/0.2, ms1mx3.0/3.8, Error ellipse: s-maj=320.9km s-min=31.4km az=97.0, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Warramunga Arr, Alice Springs, etc.

ICD 20 06:04:09.0, 3.2, 17°34'S, 167.70E, h0km, mb3.8/4, mb1.3/9.5, mb1mx3.7/4.4, mbtmp3.8/5, ML3.6/1, MS4.2/1, Ms1.4/2.1, ms1mx2.8/3.8, Error ellipse: s-maj=67.2km s-min=31.4km az=97.0, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Mont Dzumac, Raoul Island, etc.

ISCJB 20 06:07:36.6, 0.7, 19°05'.0, 177.6W, 0.2, h250km, mb3.9/8, Error ellipse: s-maj=21.2km s-min=18.2km az=10.2, ICD 20 06:07:40.3, 7.2, 18°30'S, 177.69W, h272km, 7.0km, mb3.7/8, mb1.3/9.9, mb1mx3.6/4.3, mbtmp4.3/9, Error ellipse: s-maj=34.0km s-min=21.0km az=13.0

ISC 20 06:07:38.7, 0.9, 18°59'.0, 177.7W, 0.2, h250km, n17, r138/12, mb4.0/8, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Urewera, Charters Tower, etc.

Table with columns: WRA, Warramunga Arr, 45.08 260 P, P, 06 15 29.8 -0.8, etc. Lists various stations and their associated data.

ISCJB 20 06:11:43.8, 0.8, 6°58'S, 0.06x130.00E, 0.10, h146km, mb3.8/1, Error ellipse: s-maj=14.7km s-min=7.6km az=22.8

ICD 20 06:11:46.2, 2.0, 6°16'S, 129°92'E, h158km, 23km, mb3.7/1, mb1.3/9.6, mb1mx3.3/5.2, mbtmp4.3/6, Error ellipse: s-maj=27.4km s-min=18.2km az=108.0

ISC 20 06:11:45.1, 1.1, 6°51'S, 0.09x130.1E, 0.1, h146km, n6, r169/9, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Sorong, Baunata, etc.

ICD 20 06:12:01.4, 1.1, 17°16'S, 168°55'E, h218km, 9km, mb4.9/42, mb1.4/9.44, mb1mx4.9/5.2, mbtmp5.4/44, Error ellipse: s-maj=8.1km s-min=6.8km az=78.0

ISCJB 20 06:12:01.8, 0.8, 17°19'S, 0.03x168.46E, 0.02, h231km, 7km, mb5.1/244, Error ellipse: s-maj=4.2km s-min=3.4km az=1.2

MOS 20 06:12:02.7, 1.0, 17°12'S, 168°45'E, h237km, mb5.3/54, Error ellipse: s-maj=7.6km s-min=6.5km az=97.3

BUI 20 06:12:03.1, 16°00'S, 168°33'E, h218km, mb5.5/63, mb5.2/43

GCMT 20 06:12:03.7, 0.2, 17°23'S, 168°35'E, h217km, 1km, MbV: 3°10', Moment Tensor Solution: s76, c10; s100, c148; Duration: 1.0s; Moment tensor: Scale 10^17 Nm; M₀=0.43t; 02; M₁=0.15t; 02; M₂=0.27t; 02; M₃=0.83t; 02; M₄=0.57t; 02; M₅=0.11t; 02; Best double couple: M₁=0.7600x10^17, NP₁=105.00000°, 876.00000°, λ=120.00000°. NP₂=352.00000°, 832.00000°, λ=26.00000°. Principal axes: T 1.0920, Plg25.0000°, Azm218.00000°; N -0.0330, Plg29.00000°, Azm113.00000°; P -1.0600, Plg50.00000°, Azm342.00000°; nst<sub>1</sub> refers to body waves, cutoff=40s. nst<sub>2</sub> refers to surface waves, cutoff=50s.

NEIC 20 06:12:03.7, 0.6, 17°19'S, 168°50'E, h240km, 5km, mb5.2/192, Error ellipse: s-maj=3.4km s-min=3.0km az=155.0

AUST 20 06:12:03.6, 1.1, 17°16'S, 168°62'E, h244km, 12km, Error ellipse: s-maj=6.6km s-min=5.1km az=92.0

ISC 20 06:12:02.7, 0.3, 17°22'S, 0.04x168.52E, 0.04, h230km, 2km, h230km, pP-0.3, r1191/989, mb5.2/241, 61C-49D, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Mont Dzumac, Nonsavu, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Norfolk Island, Lord Howe Island, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Omahuta, Port Moresby, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Omani, Hahuli, etc.

Large table with columns: URZ, comp=Z, 394nm, 0.8s, baz=306, slow=2.2, SNR=98, etc. Lists various stations and their associated data.

20d 6h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KLRB Kellerberrin, NWAOW Narrogin (SRO), BLDU Ballidu, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KSTBA Taebaek, KSJEO Jeonju, KSMGW Muongyeong, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like GYA Guiyang, GYA GYA, GYA GYA, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like REDW Red Top Meadow, QLMT Earthquake Lak, SNOW Snowing Moun, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like KSH Kashi, KURK Kurchatov, KURB Kurchatov Arra, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, KMBO Kilima Mbogo, etc.

Table with columns: Call, Colim, 140.81 336, ePKPpre, PKPpre, 06 30 58.0, PKPpdf, 06 31 02.3 -2.6, etc. Lists various stations and their coordinates and status.

Table with columns: WTTA, Wattenberg, 144.50 333, i/PKPdf, PKPab, 06 31 10.8 0.0, etc. Lists various stations and their coordinates and status.

Table with columns: IDC, 20 07:50:16.6, 40.3, 20.215, 177.62W, h0km, mb3.6/2, etc. Lists various stations and their coordinates and status.

Table with columns: TXAR, PDAR, NVAR, TORO, WRA, CMAR. Includes station names, coordinates, and other technical details.

RSPR 20 09:06:24.0, 18.59N-66.92W, h95km±1km, MD3.6/11, 6C-8D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Lists various stations like DR12, SMN1, IDE, etc.

CSEM 20 09:11:56.0: 3.35, 94N-0.18W, h5km, mb3.6, Error ellipse: s-maj=7.7km s-min=4.8km az=13.0

CRAAG 20 09:11:56.7: 35.85N-0.09E, M13.2 MDD 20 09:11:57.2: 0.2, 35.78N-0.06W, h0km, mb3.6/12, Error ellipse: s-maj=2.8km s-min=1.9km az=9.0 PRXIMO

ISC 20 09:11:55.8: 1.35, 85N-0.04, 0.06W-0.03, h16km±13km, n51, c135/76, Northern Algeria

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Lists numerous stations including USTO, ODJA, OKGL, etc.

Table with columns: EIBI, EMUJ, EADA, EMOS, ECAB, EMIN, EMIN. Includes station names, coordinates, and technical details.

NNC 20 09:13:34.3: 2.8, 37.08N-71.21E, h0km, mb3.5, mpv3.1, 4C-2D, Error ellipse: s-maj=22.0km s-min=12.1km az=167.0, Afghanistan-Tajikistan border region

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

NEIC 20 09:21:06.1, 16.87N-101.61W, h6km, MD4.0(MEX), After MEX

MEX 20 09:21:06.1: 0.9, 16.87N-101.61W, h6km, 38km, MD4.0, Near coast of Guerrero

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

IDC 20 09:31:39.8: 2.6, 3.54S-99.99E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/33, mbtmp3.8/7, Error ellipse: s-maj=93.1km s-min=19.9km az=57.0

ISCJB 20 09:31:42.2: 1.2, 3.55S-0.1, 99.99E-0.1, h33km, mb3.8/7, Error ellipse: s-maj=23.0km s-min=9.8km az=143.4

DJA 20 09:31:42.8: 1.8, 3.5S-13.3W, h30km, 9km, M3.8/7, M13.5/87

ISC 20 09:31:44.8: 1.4, 3.45S-0.1, 99.99E-0.2, h35km, n20, c109/14, mb4.0/7, Southwest of Sumatera

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

BJI 20 10:13:58.1, 51.69N-176.91W, h44km, mb5.2/56, mb5.2/42, M5.4/8/52, M5.7/4/6/55, IDC 10:13:59.0: 0.5, 51.75N-176.90W, h42km, 4km, mb4.4/48, mb1 4.5/52, mb1mx4.5/77, mbtmp4.7/52, M4.6/3, M5.4/3/39, M5.1 4.4/39, ms1mx4.3/44, Error ellipse: s-maj=10.3km s-min=7.7km az=152.0

NEIC 20 10:14:00.4: 0.2, 51.57N-176.88W, mb5.2/137, MW5.2, M5.1 (AEIC), Error ellipse: s-maj=5.3km s-min=2.5km az=172.0, Moment Tensor Solution, s33 Moment tensor: Scale 10^19Nm; Mr:6.58; Mw:7.14; Mw0:0.6; Mw1:0.1; Mw2:0.1; Mw3:0.1; Mw4:0.1; Mw5:0.1; Mw6:0.1; Mw7:0.1; Mw8:0.1; Mw9:0.1; Mw10:0.1; Mw11:0.1; Mw12:0.1; Mw13:0.1; Mw14:0.1; Mw15:0.1; Mw16:0.1; Mw17:0.1; Mw18:0.1; Mw19:0.1; Mw20:0.1; Mw21:0.1; Mw22:0.1; Mw23:0.1; Mw24:0.1; Mw25:0.1; Mw26:0.1; Mw27:0.1; Mw28:0.1; Mw29:0.1; Mw30:0.1; Mw31:0.1; Mw32:0.1; Mw33:0.1; Mw34:0.1; Mw35:0.1; Mw36:0.1; Mw37:0.1; Mw38:0.1; Mw39:0.1; Mw40:0.1; Mw41:0.1; Mw42:0.1; Mw43:0.1; Mw44:0.1; Mw45:0.1; Mw46:0.1; Mw47:0.1; Mw48:0.1; Mw49:0.1; Mw50:0.1; Mw51:0.1; Mw52:0.1; Mw53:0.1; Mw54:0.1; Mw55:0.1; Mw56:0.1; Mw57:0.1; Mw58:0.1; Mw59:0.1; Mw60:0.1; Mw61:0.1; Mw62:0.1; Mw63:0.1; Mw64:0.1; Mw65:0.1; Mw66:0.1; Mw67:0.1; Mw68:0.1; Mw69:0.1; Mw70:0.1; Mw71:0.1; Mw72:0.1; Mw73:0.1; Mw74:0.1; Mw75:0.1; Mw76:0.1; Mw77:0.1; Mw78:0.1; Mw79:0.1; Mw80:0.1; Mw81:0.1; Mw82:0.1; Mw83:0.1; Mw84:0.1; Mw85:0.1; Mw86:0.1; Mw87:0.1; Mw88:0.1; Mw89:0.1; Mw90:0.1; Mw91:0.1; Mw92:0.1; Mw93:0.1; Mw94:0.1; Mw95:0.1; Mw96:0.1; Mw97:0.1; Mw98:0.1; Mw99:0.1; Mw100:0.1; Mw101:0.1; Mw102:0.1; Mw103:0.1; Mw104:0.1; Mw105:0.1; Mw106:0.1; Mw107:0.1; Mw108:0.1; Mw109:0.1; Mw110:0.1; Mw111:0.1; Mw112:0.1; Mw113:0.1; Mw114:0.1; Mw115:0.1; Mw116:0.1; Mw117:0.1; Mw118:0.1; Mw119:0.1; Mw120:0.1; Mw121:0.1; Mw122:0.1; Mw123:0.1; Mw124:0.1; Mw125:0.1; Mw126:0.1; Mw127:0.1; Mw128:0.1; Mw129:0.1; Mw130:0.1; Mw131:0.1; Mw132:0.1; Mw133:0.1; Mw134:0.1; Mw135:0.1; Mw136:0.1; Mw137:0.1; Mw138:0.1; Mw139:0.1; Mw140:0.1; Mw141:0.1; Mw142:0.1; Mw143:0.1; Mw144:0.1; Mw145:0.1; Mw146:0.1; Mw147:0.1; Mw148:0.1; Mw149:0.1; Mw150:0.1; Mw151:0.1; Mw152:0.1; Mw153:0.1; Mw154:0.1; Mw155:0.1; Mw156:0.1; Mw157:0.1; Mw158:0.1; Mw159:0.1; Mw160:0.1; Mw161:0.1; Mw162:0.1; Mw163:0.1; Mw164:0.1; Mw165:0.1; Mw166:0.1; Mw167:0.1; Mw168:0.1; Mw169:0.1; Mw170:0.1; Mw171:0.1; Mw172:0.1; Mw173:0.1; Mw174:0.1; 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Mw903:0.1; Mw904:0.1; Mw905:0.1; Mw906:0.1; Mw907:0.1; Mw908:0.1; Mw909:0.1; Mw910:0.1; Mw911:0.1; Mw912:0.1; Mw913:0.1; Mw914:0.1; Mw915:0.1; Mw916:0.1; Mw917:0.1; Mw918:0.1; Mw919:0.1; Mw920:0.1; Mw921:0.1; Mw922:0.1; Mw923:0.1; Mw924:0.1; Mw925:0.1; Mw926:0.1; Mw927:0.1; Mw928:0.1; Mw929:0.1; Mw930:0.1; Mw931:0.1; Mw932:0.1; Mw933:0.1; Mw934:0.1; Mw935:0.1; Mw936:0.1; Mw937:0.1; Mw938:0.1; Mw939:0.1; Mw940:0.1; Mw941:0.1; Mw942:0.1; Mw943:0.1; Mw944:0.1; Mw945:0.1; Mw946:0.1; Mw947:0.1; Mw948:0.1; Mw949:0.1; Mw950:0.1; Mw951:0.1; Mw952:0.1; Mw953:0.1; Mw954:0.1; Mw955:0.1; Mw956:0.1; Mw957:0.1; Mw958:0.1; Mw959:0.1; Mw960:0.1; Mw961:0.1; Mw962:0.1; Mw963:0.1; Mw964:0.1; Mw965:0.1; Mw966:0.1; Mw967:0.1; Mw968:0.1; Mw969:0.1; Mw970:0.1; Mw971:0.1; Mw972:0.1; Mw973:0.1; Mw974:0.1; Mw975:0.1; Mw976:0.1; Mw977:0.1; Mw978:0.1; Mw979:0.1; Mw980:0.1; Mw981:0.1; Mw982:0.1; Mw983:0.1; Mw984:0.1; Mw985:0.1; Mw986:0.1; Mw987:0.1; Mw988:0.1; Mw989:0.1; Mw990:0.1; Mw991:0.1; Mw992:0.1; Mw993:0.1; Mw994:0.1; Mw995:0.1; Mw996:0.1; Mw997:0.1; Mw998:0.1; Mw999:0.1; Mw1000:0.1; Mw1001:0.1; Mw1002:0.1; Mw1003:0.1; Mw1004:0.1; Mw1005:0.1; Mw1006:0.1; Mw1007:0.1; Mw1008:0.1; Mw1009:0.1; Mw1010:0.1; Mw1011:0.1; Mw1012:0.1; Mw1013:0.1; Mw1014:0.1; Mw1015:0.1; Mw1016:0.1; Mw1017:0.1; Mw1018:0.1; Mw1019:0.1; Mw1020:0.1; Mw1021:0.1; Mw1022:0.1; Mw1023:0.1; Mw1024:0.1; Mw1025:0.1; Mw1026:0.1; Mw1027:0.1; Mw1028:0.1; Mw1029:0.1; Mw1030:0.1; Mw1031:0.1; Mw1032:0.1; Mw1033:0.1; Mw1034:0.1; Mw1035:0.1; Mw1036:0.1; Mw1037:0.1; Mw1038:0.1; Mw1039:0.1; Mw1040:0.1; Mw1041:0.1; Mw1042:0.1; Mw1043:0.1; Mw1044:0.1; Mw1045:0.1; Mw1046:0.1; Mw1047:0.1; Mw1048:0.1; Mw1049:0.1; Mw1050:0.1; Mw1051:0.1; Mw1052:0.1; Mw1053:0.1; Mw1054:0.1; Mw1055:0.1; Mw1056:0.1; Mw1057:0.1; Mw1058:0.1; Mw1059:0.1; Mw1060:0.1; Mw1061:0.1; Mw1062:0.1; Mw1063:0.1; Mw1064:0.1; Mw1065:0.1; Mw1066:0.1; Mw1067:0.1; Mw1068:0.1; Mw1069:0.1; Mw1070:0.1; Mw1071:0.1; Mw1072:0.1; Mw1073:0.1; Mw1074:0.1; Mw1075:0.1; Mw1076:0.1; Mw1077:0.1; Mw1078:0.1; Mw1079:0.1; Mw1080:0.1; Mw1081:0.1; Mw1082:0.1; Mw1083:0.1; Mw1084:0.1; Mw1085:0.1; Mw1086:0.1; Mw1087:0.1; Mw1088:0.1; Mw1089:0.1; Mw1090:0.1; Mw1091:0.1; Mw1092:0.1; Mw1093:0.1; Mw1094:0.1; Mw1095:0.1; Mw1096:0.1; Mw1097:0.1; Mw1098:0.1; Mw1099:0.1; Mw1100:0.1; Mw1101:0.1; Mw1102:0.1; Mw1103:0.1; Mw1104:0.1; Mw1105:0.1; Mw1106:0.1; Mw1107:0.1; Mw1108:0.1; Mw1109:0.1; Mw1110:0.1; Mw1111:0.1; Mw1112:0.1; Mw1113:0.1; Mw1114:0.1; Mw1115:0.1; Mw1116:0.1; Mw1117:0.1; Mw1118:0.1; Mw1119:0.1; Mw1120:0.1; Mw1121:0.1; Mw1122:0.1; Mw1123:0.1; Mw1124:0.1; Mw1125:0.1; Mw1126:0.1; Mw1127:0.1; Mw11

20d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BWN, MCK, EYAK, etc.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, NLWA, MAJO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J05D, K04D, M02C, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like TJJN Taejon, MCMT McKenzie Canyon, EGMT Eagle, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like MSU Marysvale, MURC Murrieta, B26A Jensen Ranch, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like J26A Sides Ranch, C30A Mose, Pekin, B31A Greenbush Farm, etc.

20d 10h

Table with columns: ID, Name, baz, SNR, and various performance metrics (e.g., 51.37, 69, P, P, 10 22 59.2 -1.0).

2010 NOV

Table with columns: ID, Name, baz, SNR, and various performance metrics (e.g., 53.84, 72, P, P, 10 23 18.2 -0.3).

990

Table with columns: ID, Name, baz, SNR, and various performance metrics (e.g., 56.13, 80, P, P, 10 23 34.9 -0.3).

20d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NONG, CRAI, OBN, CBN, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like KAPI, OKC, STHS, etc.

992

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB, MALT, MALD, etc.

ISCJB 20 10:44:54.8t, 1.0, 3.78S, 0:09, 99.99E, 0.1, h33km, mb, 3.9/9, Error ellipse: s-maj=18.4km s-min=7.0km az=140.6

20d 12h

Table with columns: ZAK, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Zakamensk, Monday, Oriik, etc.

DJA 20 11:50:32.6-0.3, 0.3S, 3.3, 12.0E, h10km, M4.2/14, mb4.3/4, mBSU.0/3, MLV4.1/14, Mw(MB)4.3/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PCI, MRSI, APSI, etc.

ICD 20 11:50:37.0-4.7, 11.49N, 44.01E, h0km, mb3.7/3, mb1.3/7, mb1mx3.3/44, mbmtpp3.7/3, Error ellipse: s-maj=97.3km s-min=22.4km az=163.0, Western Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ATD, BRTR, AKASG, etc.

ISCJB 20 11:51:13.3-0.3, 7.32S, 0.03, 128.80E, 0.04, h13km, mb4.0/12, Error ellipse: s-maj=5.9km s-min=4.2km az=16.7

AUST 20 11:51:14.4-0.3, 7.42S, 128.80E, h16km, Error ellipse: s-maj=1.0km s-min=0.9km az=27.0

NEIC 20 11:51:15.3-0.8, 7.41S, 128.95E, h141km, gkm, mb4.8/4, Error ellipse: s-maj=10.4km s-min=8.0km az=92.0

ICD 20 11:51:15.6-1.6, 7.31S, 128.78E, h138km, 14km, mb3.8/11, mb1.3/9.15, mb1mx3.7/48, mbmtpp4.3/15, MS3.2/2, ms1mx2.6/30, Error ellipse: s-maj=16.5km s-min=10.2km az=108.0

DJA 20 11:51:17.8-0.3, 7.3S, 12.9E, h155km, 10km, M4.6/10, mb4.6/10, mb4.9, MLV4.8/10, Mw(MB)4.2/5

ISC 20 11:51:14.8-0.4, 7.41S, 128.89E, 0.06, h131km, n61, s=180/57, mb4.1/12, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SAUI, ENDI, MSAI, etc.

2010 NOV

Table with columns: QIS, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Mount Isa, ASAR, WRKA, etc.

ICD 20 11:51:24.9-4.7, 17.07S, 179.21W, h0km, mb4.1/4, mb1.4/4, mb1mx3.9/33, mbmtpp4.1/4, Error ellipse: s-maj=170.2km s-min=76.0km az=6.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like NVAR, ILAR, TXAR, etc.

ISCJB 20 11:53:54.8-0.4, 11.97N, 0.06, 43.84E, 0.05, h4km, mb4.1/20, MS3.7/17, Error ellipse: s-maj=9.3km s-min=5.3km az=144.5

ICD 20 11:53:54.3-0.9, 11.77N, 43.88E, h0km, mb4.1/4, mb1.4/2/14, mb1mx3.9/34, mbmtpp4.1/4, MS3.7/19, Ms1.3/7.19, ms1mx3.6/34, Error ellipse: s-maj=23.0km s-min=13.9km az=165.0

CSEM 20 11:53:56.3-0.2, 12.03N, 43.93E, h2km, mb4.4/6, Error ellipse: s-maj=11.3km s-min=8.5km az=122.0

NEIC 20 11:53:57.2-0.4, 12.01N, 43.93E, h10km, mb4.5/5, Error ellipse: s-maj=9.6km s-min=6.9km az=125.0

BUI 20 11:53:57.0, 12.10N, 43.80E, h9km, mb4.5/9, mB4.9/6, Ms4.6/4, Ms7.4/2/3

ISC 20 11:53:57.2-0.5, 12.06N, 0.07, 43.82E, 0.07, h4km, n79, s=151/76, mb4.2/20, MS3.6/17, 3Z, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ATD, DAMY, FURI, etc.

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Table with columns: EKSZ, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EKSZ, AKASG, AAK, etc.

ICD 20 12:14:49.4-2.2, 20.02S, 178.83E, h517km, 23km, mb3.4/10, mb1.3/7.10, mb1mx3.5/29, mbmtpp4.3/10, Error ellipse: s-maj=20.2km s-min=15.5km az=146.0

ISCJB 20 12:14:51.5-0.7, 20.0S, 0.2, 178.7E, 0.1, h550km, mb3.8/10, Error ellipse: s-maj=23.4km s-min=11.3km az=148.7

AUST 20 12:14:59.9-9.9, 20.82S, 178.74E, h612km, 11km, Error ellipse: s-maj=13.2km s-min=4.5km az=28.0

ISC 20 12:14:52.5-0.8, 20.0S, 0.2, 178.7E, 0.1, h550km, n22, s=142/24, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CNB, FITZ, CMA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USRK, NVAR, ILAR, TXAR, PDAR, PLCA, ARCES, FINES, BRTR, GERES.

NSSC 20 12:15:35.3, 1.8, 35.85N, 36.30E, h18km, 10km, ML2.0
ISCJB 20 12:15:36.3, 0.6, 35.84N, 0.03, 36.31E, 0.04, h0km, 6km,
Error ellipse: s-maj=5.6km s-min=4.4km az=4.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTCH, SLNF, YAYL, ARNB, WRDH, KUZU, KAMA, MARH, GULE, KERK.

CSEM 20 12:25:12.0, 2.1, 40.22N, 16.02E, h20km, ML3.5/7, Error
ellipse: s-maj=3.0km s-min=2.4km az=166.0
ROM 20 12:25:12.4, 0.1, 40.22N, 16.04E, h11km, 1km, Md2.7/21,
Md2.7/17, 2C, Error ellipse: s-maj=1.4km s-min=1.0km
az=144.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIRI, MCEL, MTSN, CUC, MMN, ORI, SLCN, SALB, PZUN, MIGL, BULG, ACER, CMPR, CDRU.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATE, MRLC, PALZ, SG1, AMUR, MRVN, CDT, NOCI, TARI, BAI, PE1, MS1, SGRT.

AUST 20 12:39:16.0, 0.3, 6.104S, 127.48E, h0km, Error ellipse:
s-maj=2.0km s-min=1.2km az=339.0
NEIC 20 12:39:17.7, 0.7, 1.02S, 127.86E, h10km, mb4.4/2, Error
ellipse: s-maj=17.3km s-min=10.0km az=68.0
ISCJB 20 12:39:19.5, 0.4, 1.02S, 0.04, 127.66E, 0.04, h31km,
mb4.3/2, MS2.9/2, Error ellipse: s-maj=6.4km s-min=4.7km
az=151.8
DJA 20 12:39:20.0, 0.4, 1.1S, 4.12E, h18km, 5km, M4.5/10,
mb4.9/9, mB5.0/6, MLV4.4/10, Mw(mb)4.3/6
IDC 20 12:39:23.2, 2.2, 1.12S, 127.73E, h62km, 21km, mb4.0/2,
mb1.4, 2/6, mb1mx3.6/31, mbmtp4.3/6, MS3.0/7, Ms1.3/0.7,
ms1mx2.8/28, Error ellipse: s-maj=28.7km s-min=17.0km
az=62.0
ISC 20 12:39:20.8, 0.7, 0.98S, 0.06, 127.75E, 0.07, h31km, n41,
c1867/41, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBMI, TMTI, SANI, NLAN, SWI, SIJI, SIJI, LUI, GTOI, APSI, PCI, TTSI, DAV, SPSI, BKSI, KAPI, SOEI, BATI, MTN, KDU, KNRA, FITZ, WRAB, WRA, COEN, QIS, ASAR, ASAR, WRKA, BBOO, CMAR, ARMA, ARPS, TAPN, ODAN, RAMN, GUN, KOLN, MKAR.

ISCJB 20 13:12:50.8, 0.5, 50.24N, 0.03, 18.68E, 0.03, h0km, Error
ellipse: s-maj=5.2km s-min=2.3km az=14.4
IPEC 20 13:12:51.9, 0.2, 50.26N, 18.76E, h2km, 1km, ML1.8/3,
Error ellipse: s-maj=2.4km s-min=1.1km az=169.0
CSEM 20 13:12:52.0, 0.3, 50.23N, 18.69E, h2km, ML2.6/7, Error
ellipse: s-maj=7.3km s-min=3.5km az=10.0
PRU 20 13:12:52.7, 0.5, 50.24N, 18.69E, h0km
ISC 20 13:12:51.9, 0.5, 50.21N, 0.04, 18.69E, 0.02, h0km, n31,
c0581/58, Poland

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC, OJC, OJC, OJC, MORC, LANS, LANS, LANS, KRALC, KRALC, KRALC, NIE, NIE, NIE, DPC, DPC, DPC, VRAC, VRAC, KSP, KSP, KSP, KSP, VYHS, VYHS, VYHS, VYHS, UPIC, UPIC, STHS, STHS, STHS, KRUC, KRUC, KRUC, BRG, KHC, KHC.

JMA 20 13:26:52.0, 2.2, 24.50N, 121.79E, h73km, 3km
ISCJB 20 13:26:54.0, 0.6, 24.57N, 0.04, 121.86E, 0.03, h64km, 5km,
Error ellipse: s-maj=6.3km s-min=3.2km az=154.3
TAP 20 13:26:54.3, 2.4, 58N, 121.76E, h64km, ML3.1, 3.4
ISC 20 13:26:54.4, 1.4, 24.57N, 0.04, 121.86E, 0.03, h62km, 8km,
n31, c0977/59, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWC, TWC, ENA, ENA, TWE, TWE, ENT, ENT, NNS, NNS, NSK, NSK, NWF, NWF, TWD, TWD, TWS1, TWS1, TWT, TWT, NSTT, NSTT, ESTL, ESTL, YJNG, YJNG, WDT, WDT, YOJ, YOJ, SMLT, SMLT, SMLT, TYC, TYC, THY, THY, EHY, EHY, TWF1, TWF1, YUS, YUS, ALS, ALS, ALS, CHNS, CHNS, CHNS, ELDTW, ELDTW.

ISC 20 15:37:29.1-0.6,0.01S,0.05E,123.36E,0.04,h157km,n40,

c126/46,mb3.7/6,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

MAN 20 15:43:52, 5.90N, 125.52E, h87km, mb4.9, ML3.9, MS3.9

ISCJB 20 15:43:53.9-0.3, 6.01N, 125.61E, 0.05, h98km, 5km,

mb3.0/1.1, Error ellipse: s-maj=8.2km s-min=5.3km

az=174.5

IDC 20 15:43:55.0-0.8, 6.04N, 125.61E, h101km, mb3.5/8,

mb1.3/8.1, mb1mx3.5/3.4, mbtmp4.0/1.1, Error ellipse:

s-maj=36.4km s-min=11.6km az=85.0

DJA 20 15:44:00.6-3.1, 6.1N, 125.7E, h102km, 3.5km,

M4.6/13, mb4.5/13, mb5.0/6, ML4.8, Mw(mb)4.16

AUST 20 15:44:11.7-7.4, 4.19N, 125.00E, h118km, 2km, Error

ellipse: s-maj=5.3km s-min=1.7km az=28.0

ISC 20 15:43:54.8-0.8, 5.99N, 125.54E, 0.06, h89km, 8km,

n50, c117/51, mb3.7/1.1, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

ISCJB 20 15:51:03.6-0.5, 40.67N, 0.06-27.26E, 0.04, h7km, 4km,

Error ellipse: s-maj=9.6km s-min=4.9km az=6.2

DDA 20 15:51:03.6, 40.63N, 27.28E, h7km, Md2.7

CSEM 20 15:51:03.7-0.1, 40.65N, 27.25E, h8km, MD2.6, Error

ellipse: s-maj=4.4km s-min=2.5km az=12.0

ISC 20 15:51:03.2, 40.65N, 27.26E, h6km, MD2.6

ISC 20 15:51:03.7-0.9, 40.66N, 0.04-27.26E, 0.02, h9km, 6km,

n29, c027/36, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

MEX 20 15:53:06.5-0.5, 14.93N, 93.52W, h36km, 33km, MD3.7,

Near coast of Chiapas

Code Station Name Az Az2 Phase ID Time Res ISC

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

ISCJB 20 15:59:36.9-0.4, 42.58N, 0.02-74.27E, 0.03, h1km, 4km,

Error ellipse: s-maj=4.4km s-min=2.0km az=157.9

KRNET 20 15:59:36.8-0.1, 42.59N, 74.27E, h17km, mb2.5

NNC 20 15:59:36.8-2.3, 42.61N, 74.27E, h14km, 25km, mb3.5,

mpv3.0, Error ellipse: s-maj=160.4km s-min=15.2km

az=168.0

KNET 20 15:59:36.1-0.3, 42.58N, 74.26E, h17km, 3km, ml2.0, Error

ellipse: s-maj=2.6km s-min=2.0km az=119.0

ISC 20 15:59:36.6-0.8, 42.58N, 0.02-74.26E, 0.02, h13km, 6km,

n33, c050/59, 33C-26D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

MEX 20 16:01:59.3-1.2, 18.11N, 101.74W, h28km, 20km, MD3.7,

Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

MEX 20 16:07:05.1-0.4, 14.16N, 91.71W, h15km, MD3.5,

Guatemala

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

ISCJB 20 16:18:16.1-0.7, 35.92N, 0.04-141.61E, 0.07, h26km,

mb3.5/6, Error ellipse: s-maj=8.4km s-min=5.6km az=9.0

JMA 20 16:18:17.1-0.2, 35.91N, 141.55E, h37km, 3km, M3.1

IDC 20 16:18:21.1-3.4, 36.06N, 141.45E, h51km, 31km, mb3.2/6,

mb1.3/4.8, mb1mx3.4/6, mbtmp3.5/8, ML3.2, MS2.9/4,

M1.2 3/4, mb1mx2.6/2.2, Error ellipse: s-maj=31.2km

s-min=21.7km az=98.0

ISC 20 16:18:17.9-1.0, 35.95N, 0.05-141.48E, 0.08, h26km, n26,

c085/22, mb3.5/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

ISCJB 20 16:19:33.2-1.1, 15.75S, 0.1-167.9E, 0.1, h250km, mb3.9/9,

Error ellipse: s-maj=19.7km s-min=14.2km az=139.9

IDC 20 16:19:33.8-3.8, 15.64S, 167.83E, h242km, 35km, mb3.5/9,

mb1.3/6.10, mb1mx3.3/3.6, mbtmp4.1/1.0, Error ellipse:

s-maj=31.6km s-min=16.7km az=35.0

AUST 20 16:19:58.0, 16.96S, 167.40E, h450km

20d 19h

Table with columns for ID, Name, Time, and other details. Includes entries like W37A Quinton, GLAT Glass, GLAT GLAT, etc.

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Table with columns for ID, Name, Time, and other details. Includes entries like Q34A Chapman, Z37A Collier Ranch, 334A Centerville, etc.

1002

Table with columns for ID, Name, Time, and other details. Includes entries like TKL Tuckaleechee C, R30A Dighton, 232A Coleman, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like BLA Blacksburg, SPMM St. Paul, 933A Laredo, etc.

ISCJB 20 19:13:49.0, 0.8, 14.1, S, 0.2, 170.9, E, 0.2, h635km, mb3.7/7, Error ellipse: s-maj=27.4km s-min=16.8km az=35.2

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RPZ Rata Peaks, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like YUK 250nm,0.3s, YUK 300nm,0.3s, JRA JRA, etc.

SJA 20 19:44:33.1, 0.5, 28.4, S, 72.0, W, h12km, ML3.8, MW3.5, IDC 20 19:44:33.1, 0.5, 28.4, S, 72.0, W, h12km, ML3.8, MW3.5

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like LCO Las Campanas, LCO LCO, AGUA AGUA, etc.

ISCJB 20 19:52:21.2, 0.3, 38.4, S, 176.0, E, 0.04, h157km, 2km, mb3.8/8, Error ellipse: s-maj=5.5km s-min=4.3km az=28.4

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like WPRZ Whakapapatariri, WPRZ Whakapapatariri, HRRZ Galatos Road, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like NGZ Ngauruhoe, OPRZ Ohinepanea, OPRZ Ohinepanea, etc.

ISCJB 20 19:52:21.2, 0.3, 38.4, S, 176.0, E, 0.04, h157km, 2km, mb3.8/8, Error ellipse: s-maj=5.5km s-min=4.3km az=28.4

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DUWZ, TRWZ, PAWZ, WEL, MSWZ, SNZO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTN, KDU, BATI, SBA, SIJI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAK, MKAR, PRU, CSEM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANDN, KOZT, KYKD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISK, CSEM, DDA, etc.

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

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

20d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRU Pruhonice, TRIB Obertriebel, GOPC GO Pecny, etc.

DDA 20:50:41.7, 40.52N, 33.03E, h7km, Md2.7
CSEM 20:50:42.0, 40.53N, 33.03E, h2km, MD2.7, Error
ellip: s-maj=6.9km s-min=5.3km az=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELDT Eldivan, ILGA Ilgaz, BCAM Yenicaga, etc.

DDA 20:54:19.5, 37.25N, 34.93E, h5km, Md2.9
ISK 20:54:19.6, 37.26N, 34.93E, h5km, MD3.1
ISCJB 20:54:20.4, 37.24N, 0.02, 34.93E, 0.02, h2km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARA Karaisali, GULE Gulek, DED Adana, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAMA Aykinkavak, AYKD Yayladag, YAYL Yayladag, etc.

IDC 20:56:39.8, 5.9, 5.70S, 147.81E, h156km, 54km, mb3.5/2,
mb3.6/4, mb1mx3.1/42, mbmp3.9/4, MS3.5/1, Ms1 3.5/1,
ms1mx2.8/21, Error ellipse: s-maj=82.2km

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

JMA 20:21:01.26, 1.0, 2.3178N, 142.79E, h67km, M3.5,
Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JHO Hitachi, etc.

IDC 20:21:05.40, 1.5, 6.36, 31N, 70.97E, h152km, 55km, mb3.4/5,
mb1 3.5/7, mb1mx3.0/46, mbtmp3.9/7, Error ellipse:
s-maj=66.6km s-min=41.2km az=12.0

NCC 20:21:05.48, 2.7, 4.37, 00N, 70.83E, h158km, 131km, mb3.1,
mpv3.9, Error ellipse: s-maj=66.0km s-min=45.7km
az=20.0

ISC 20:21:05.41, 2.1, 9.36, 5N, 62.71E, 0.02, h150km, n20,
c1544/22, mb3.8/4, 5C-6D, Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayashu, MNAS Manas, UCH Uchter, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AB31 0.8nm, 0.8s, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

ISCJB 20:21:16.26, 9.0, 4.24, 53N, 0.02, 121.89E, 0.02, h7km, 4km,
Error ellipse: s-maj=4.4km s-min=2.9km az=138.9

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

TAP 20:21:16.27, 0.24, 55N, 121.85E, h9km, ML2.6, C
JMA 20:21:16.27, 2.4, 51N, 121.82E, h24km
ISC 20:21:16.26, 7.0, 8.24, 54N, 0.02, 121.87E, 0.03, h13km, 5km,

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

MOS 20:21:24.38, 3.0, 9.4, 80S, 103.04E, h39km, mb5.1/30, Error
ellip: s-maj=10.5km s-min=6.2km az=115.4

BUI 20:21:24.38, 3.5, 29S, 102.84E, h73km, mb4.8/39, mb4.9/31,
Ms4.5/21, Ms7.4/32
KLM 20:21:24.39, 4.5, 37S, 102.51E, h52km, mb5.0, MS6.2

DJA 20:21:24.42, 9.0, 3.5, 3, 10, 3E, h59km, 3km, M4.9/40,
mb5.2/40, mb5.4/31, MLV5.3/32, Mw(M)8.4/31
NEIC 20:21:24.42, 8.0, 3.4, 87S, 102.96E, h66km, 2km, mb4.9/31,

NEIC (a) [IV] at Liwa and [II] at Kotabumi
ISCJB 20:21:24.42, 3.0, 4.9, 0S, 102.93E, 0.03, h76km, 3km,
mb4.6/73, Error ellipse: s-maj=5.7km s-min=2.8km
az=138.2

AUST 20:21:24.43, 0.4, 86S, 102.94E, h60km
IDC 20:21:24.43, 3.0, 5.4, 80S, 103.10E, h67km, 3km, mb4.4/28,
mb1 4.5/30, mb1mx4.4/38, mbtmp4.6/30, MS3.6/17,
Ms1 3.6/17, ms1mx3.3/39, Error ellipse: s-maj=12.5km
s-min=7.6km az=49.0

ISC 20:21:24.43, 3.0, 3.4, 91S, 0.03, 102.96E, 0.04, h71km, 2km,
h71km, PP-P, n352, c146/406, mb4.7/74, 16C-13D,

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

Table with columns: SISI, Saibi, 5.25 313 P, Pn, 21 25 59.0 -0.2, etc. Lists various satellite stations and their parameters.

Table with columns: CHTO, Chiang Mai, 23.90 351 eP, P, 21 29 49.1 -1.5, etc. Lists various satellite stations and their parameters.

Table with columns: COEN, Coen, 40.62 106 P, P, 21 32 15.5 -1.2, etc. Lists various satellite stations and their parameters.

Table with columns: DKKL, DKKL, DKKL, BALLY, BALLY, BALLY, BALLY, DEMI, DEMI, DEMI, DURS, DURS, DURS, IZM, IZM, IZM, MANT, MANT, MANT, MANT, DST, DST, DST, KULA, KULA, KULA, AYVA, AYVA, AYVA, AYVA, GONE, GONE, GONE, AYDB, AYDB, AYDB, KNL, KNL, DGB, DGB, DGB, EDZ, EDZ, EDZ, EDC, EDC, EDC, TVSB, TVSB, TVSB, EZN, EZN, EZN, KHAL, KHAL, KHAL, SGR, SGR, SGR, SGR, MRMT, MRMT, MRMT, GELI, GELI, GELI, GELI, ARMT, ARMT, ARMT, ERIK, ERIK, ERIK, ALN, ALN, ALN, GULT, GULT, GULT, GULT

IDC 20 21:58:49.6, 1.3, 32.276N, 39.82W, h0km, mb3.9/13, mb1.4/0.13, mb1mx3.9/43, mbtmp3.8/13, MS3.9/27, Ms1.3/9.27, ms1mx3.8/38, Error ellipse: s-maj=40.5km s-min=18.1km az=3.0

ISCJB 20 21:58:51.4, 0.9, 32.8N, 0.2, 39.9W, 0.1, h22km, mb3.9/15, MS3.9/27, Error ellipse: s-maj=29.1km s-min=12.8km az=4.8

NEIC 20 21:58:51.3, 0.8, 32.80N, 39.85W, h10km, mb4.4/2, Error ellipse: s-maj=25.8km s-min=11.3km az=186.0

CSEM 20 21:58:51.3, 32.80N, 39.85W, h10km, mb4.4/2, After NEIC ISC 20 21:58:53.2, 1.1, 32.83N, 0.2, 39.8W, 0.1, h22, n45, c083/18, mb4.0/15, MS3.9/28, Northern Mid-Atlantic Ridge

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

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

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

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

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

IDC 20 21:59:11.0, 0.8, 34.075S, 178.68W, h0km, mb4.4/6, mb1.4/2.57, mb1mx4.1/25, mbtmp4.4/7, ML4.5/1, Error ellipse: s-maj=28.7km s-min=22.0km az=107.0

ISCJB 20 21:59:16.7, 0.8, 34.203S, 0.06, 179.9W, 0.1, h50km, mb4.3/8, Error ellipse: s-maj=15.6km s-min=7.5km az=17.6

NEIC 20 21:59:16.9, 0.5, 34.125S, 178.85W, h35km, mb4.1/2, Error ellipse: s-maj=15.6km s-min=12.4km az=141.0

ISC 20 21:59:18.2, 0.8, 34.105S, 0.09, 178.8W, 0.2, h50km, n41, c156/44, mb4.3/8, South of Kermadec Islands

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

IDC 20 21:59:18.2, 0.8, 34.105S, 0.09, 178.8W, 0.2, h50km, n41, c156/44, mb4.3/8, South of Kermadec Islands

ISC 20 21:59:18.2, 0.8, 34.105S, 0.09, 178.8W, 0.2, h50km, n41, c156/44, mb4.3/8, South of Kermadec Islands

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

IDC 20 21:59:18.2, 0.8, 34.105S, 0.09, 178.8W, 0.2, h50km, n41, c156/44, mb4.3/8, South of Kermadec Islands

ISC 20 21:59:18.2, 0.8, 34.105S, 0.09, 178.8W, 0.2, h50km, n41, c156/44, mb4.3/8, South of Kermadec Islands

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

IDC 20 22:08:12.2, 0.7, 32.9N, 0.1, 39.8W, 0.1, h8km, mb4.1/22, MS3.5/5, Error ellipse: s-maj=19.0km s-min=12.7km az=169.8

IDC 20 22:08:12.9, 0.8, 32.86N, 39.74W, h0km, mb4.0/19, mb1.4/2.19, mb1mx4.0/51, mbtmp4.0/19, MS3.5/5, Ms1.3/5.5, ms1mx3.1/30, Error ellipse: s-maj=25.3km s-min=15.7km az=176.0

NEIC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

CSEM 20 22:08:14.4, 32.86N, 39.73W, h10km, mb4.4/2, After NEIC ISC 20 22:08:13.8, 0.8, 32.8N, 0.1, 39.8W, 0.1, h8km, n35, c107/26, mb4.1/22, MS3.5/6, 1C, Northern Mid-Atlantic Ridge

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

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

IDC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

NEIC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

CSEM 20 22:08:14.4, 32.86N, 39.73W, h10km, mb4.4/2, After NEIC ISC 20 22:08:13.8, 0.8, 32.8N, 0.1, 39.8W, 0.1, h8km, n35, c107/26, mb4.1/22, MS3.5/6, 1C, Northern Mid-Atlantic Ridge

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

IDC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

NEIC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

CSEM 20 22:08:14.4, 32.86N, 39.73W, h10km, mb4.4/2, After NEIC ISC 20 22:08:13.8, 0.8, 32.8N, 0.1, 39.8W, 0.1, h8km, n35, c107/26, mb4.1/22, MS3.5/6, 1C, Northern Mid-Atlantic Ridge

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

IDC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

NEIC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

CSEM 20 22:08:14.4, 32.86N, 39.73W, h10km, mb4.4/2, After NEIC ISC 20 22:08:13.8, 0.8, 32.8N, 0.1, 39.8W, 0.1, h8km, n35, c107/26, mb4.1/22, MS3.5/6, 1C, Northern Mid-Atlantic Ridge

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

IDC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

NEIC 20 22:08:14.4, 0.4, 32.86N, 39.73W, h10km, mb4.4/2, Error ellipse: s-maj=13.2km s-min=9.0km az=171.0

CSEM 20 22:08:14.4, 32.86N, 39.73W, h10km, mb4.4/2, After NEIC ISC 20 22:08:13.8, 0.8, 32.8N, 0.1, 39.8W, 0.1, h8km, n35, c107/26, mb4.1/22, MS3.5/6, 1C, Northern Mid-Atlantic Ridge

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

20d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA 5.4nm, 0.3s, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH Lanzhou, HHC Hu-ho-hao-te, LSA Lhasa, etc.

1010

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YER Yerkesik, TUR Turunc, DALY Dalyan, etc.

ISK 20 22:37:35.5, 36:85N-28:24E, h6km, MD2.8
DDA 20 22:37:37.1, 37:01N-28:55E, h7km, Md2.6
ISCJB 20 22:37:38.7, 0.6, 37:06N-28:47E, 0.06, h14km, Error ellipse: s-maj=7.1km s-min=5.8km az=41.4

ISCJB 20 23:28:55.0, 0.7, 11:71N-08:44:04E, 0.06, h10km, mb3/9/19, Error ellipse: s-maj=13.1km s-min=7.1km az=151.3
IDC 20 23:28:55.4, 1.3, 11:74N-43:94E, h0km, mb4.0/15, mb1 4.1/15, mb1mx3.9/47, mbtmp4.0/15, Error ellipse: s-maj=29.5km s-min=13.9km az=162.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MMAI Mount Meron Ar, GEYT Alibeck, BRTR Keskin Array B, etc.

ISC/JB 20 23:31:56.7±0.5, 17.31N±0.06, 146°0E±0.1, h167km, mb4.2/22, Error ellipse: s-maj=16.5km s-min=6.9km az=15.4

IDC 20 23:31:58.9±0.0, 17.26N±145.98E, h176km, mb3.7/19, mb1.3/9.20, mb1mx3.7/46, mbmtpd4.2/20, MS2.6/1, ms1.2/6.1, ms1mx2.0/31, Error ellipse: s-maj=15.9km s-min=5.7km az=10.2

ISC 20 23:31:58.3±0.6, 17.272N±146°0E±0.1, h167km, n27, e114/30, mb4.1/22, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsuyama Array, SWI Sorong, etc.

ISC/JB 20 23:38:32.8±1.6, 11.96N±0.04, 44°03E±0.03, h6km, 9km, mb4.6/88, MS4.2/30, Error ellipse: s-maj=6.6km s-min=4.7km az=2.9

IDC 20 23:38:33.4±0.7, 11.93N±43.96E, h0km, mb4.3/21, mb1.4/4.24, mb1mx4.2/39, mbmtpd4.3/24, ML3.4/3, MS4.2/28, ms1.4/2.20, ms1mx1.1/30, Error ellipse: s-maj=17.2km s-min=12.6km az=159.0

BJJ 20 23:38:33.1, 11.90N±43.72E, h23km, mb4.7/31, mb5.1/23, MS4.9/16, MS7.4/5/16

CSEM 20 23:38:34.0±0.2, 11.94N±44.03E, h2km, mb4.7/28, Error ellipse: s-maj=6.6km s-min=6.4km az=106.0

NEIC 20 23:38:35.0±0.3, 11.93N±43.97E, h10km, mb4.8/22, Error ellipse: s-maj=5.9km s-min=5.9km az=166.0

MOS 20 23:38:35.7±0.9, 11.91N±44.00E, h27km, mb4.9/33, MS4.3/6, Error ellipse: s-maj=10.0km s-min=4.4km az=97.7

OMAN 20 23:38:37.2±30.0, 12°22'N±44°28'E, h7km, 5km, Error ellipse: s-maj=1.8km s-min=245.0

BGR 20 23:38:52.7, 14.64N±44°50'E, h33km, mb4.7

ISC 20 23:38:35.6±0.5, 11.88N±0.05, 43.99E±0.05, h16km±2km, h16km±pP, n360, e130/374, mb4.7/88, MS4.1/31, 42C-34, Ethiopia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NCK Nalchik, KBZ Khabaz, KIV Kislovodsk, etc.

20d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKSM Moragy, AAK Ala-Archa, and various other frequencies.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRU Pruhonice, ROTZ Rotzenmühle, and various other frequencies.

1012

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH Lanzhou, MYKOM Kota Tinggi, and various other frequencies.

Additional information and coordinates at the bottom right, including 'IDC 20 23:47:28.1±1.8, 34:00:55.178:87W, h0km, mb4.2/2, mb1 4.5/3, mb1mx3.9/22, mbtrmp4.3/3, ML4.5/1, MS3.6/2, Ms1 3.6/2, ms1mx2.8/25, Error ellipse: s-maj=57.1km s-min=31.2km az=133.0', 'ISCJB 20 23:47:29.2, 34:00:01.178:7W:0.4, h35km, mb4.1/2, MS3.6/2, Error ellipse: s-maj=45.7km s-min=10.8km az=16.5', 'ISC 20 23:47:32.8±1.6, 33:9S:0.1:178:9W:0.3, h35km, n14, =1830/18, South of Kermadec Islands', and a table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ, URZ Urewera, ASAR Alice Springs, etc.

ISCJB 20 23:55:34.8, 0.4, 37.99N, 0.02, 29.03E, 0.02, h1km, 3km, Error ellipse: s-maj=2.7km s-min=2.5km az=15.2

ISC 20 23:55:36.1, 0.1, 37.99N, 0.02, 29.05E, 0.02, h3km, 9km, n227, 0.95/250, 6C-80, Turkey

Main station list for 1013, including UZP Denizli, DENT Denizli, DZNL Cakiroluk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHOS, KIZT Kizilcal, SVRH Sivrihisar-ESK, etc.

ISC 20 00:04:24.6, 1.1, 12.31N, 43.53E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/33, mbtmp3.6/4, Error ellipse: s-maj=41.7km s-min=16.9km az=130.0, Western Arabian Peninsula

ISCJB 21 00:22:22.9, 0.1, 37.97N, 29.07E, h8km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.6km az=97.0

Main station list for 2010 NOV, including UZP Denizli, DENT Denizli, DZNL Cakiroluk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UZP Denizli, DENT Denizli, DZNL Cakiroluk, etc.

ISC 21 00:26:11.1, 1.2, 3.471N, 127.46E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/33, mbtmp3.4/4, Error ellipse: s-maj=130.5km s-min=26.2km az=70.0, Talaud Islands

GUC 21 00:29:05.8, 0.6, 30.29S, 71.60W, h65km, 6km, ML3.6, SJA 21 00:29:09.4, 1.4, 30.42S, 71.20W, h10km, 38km, ML3.2, MW3.4

ISC 21 00:29:07.9, 1.3, 30.42S, 0.04, 71.42W, 0.08, h33km, n18, 2548/21, 2D, Near coast of central Chile

Main station list for 21d 0h, including LSCH La Serena, LSCH Tololo Astrono, VACH Vallenar, etc.

Table with columns: Station 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 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 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 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.

NEIC 21 02:24:30.6; 1.0, 10.37S; 78.48W, h35km, mb4.1/1, ML4.0(ARE), Error ellipse: s-maj=21.7km s-min=13.2km az=224.0

NEIC Fell [I] at Chimote. ISCJUB 21 02:24:31.7; 1.2, 10.33S; 0.10:78.3W; 0.1, h52km, mb3.7/5, MS3.3/2, Error ellipse: s-maj=22.3km s-min=9.5km

IDC 21 02:24:34.1; 5.6, 10.29S; 78.35W, h60km, 4.4km, mb3.5/6, mb1 3.7/7, mb1mx3.5/39 mbtm3.9/7, ML4.3/2, MS3.1/6, Ms1.3/1.6, ms1mx2.9/24, Error ellipse: s-maj=47.4km s-min=18.3km az=38.0

ISC 21 02:24:32.7; 1.1, 10.33S; 0.1x78.4W; 0.1, h52km, n14, c1539/14, mb4.0/5, Near coast of Peru

Table with columns: Code, Station 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 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.

DDA 21 02:25:40.2, 37.40N-36.38E, h13km, Md2.9 CSEM 21 02:25:40.5; 0.1, 37.38N-36.37E, h2km, Md2.9, Error ellipse: s-maj=2.7km s-min=2.2km az=164.0

ISK 21 02:25:40.1, 37.36N-36.39E, h6km, MD3.2 NSCC 21 02:25:44.4; 1.4, 36.97N-36.92E, h0km, 11km, MD1.4, ML1.0

ISC 21 02:25:40.6; 0.9, 37.38N; 0.02:36.92E; 0.02, h10km, g8km, n71, c1505/87, Turkey

Table with columns: Code, Station 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 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 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 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.

PRE 21 02:28:52.0; 1.0, 28.57S-20.37E, h5km, ML4.1, South Africa

UPi Upington 0.80 76 Op Pn 02 29 08.8 +0.2

UPi Upington 0.80 76 Op Pn 02 29 18.0 0.0

UPi Upington 0.80 76 Op Pn 02 29 20.4

UPi Upington 0.80 76 Op Pn 02 29 20.4

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UPi Upington 0.80 76 Op Pn 02 29 20.4

21d 2h

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like MDVR, SVIS, BOLS, etc.

TAP 21 02:42:18.8, 24:87N, 122:83E, h131km, ML3.8, D
JMA 21 02:42:18.6, 24:85N, 122:75E, h135km, M2.9
ISCJB 21 02:42:19.1, 24:84N, 122:79E, 0.02,
h129km, 4km, Error ellipse: s-maj=7.4km s-min=2.8km

ISC 21 02:42:18.1, 24:839N, 122:779E, 0.03, h139km, 9km,
h121.70, 7

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the Taiwan region like JYNG, YONJ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the 2010 NOV section like WDT, TWQ1, EHY, etc.

NEIC 21 02:46:53.9, 17:30N, 101:06W, h17km, MD4.0(MEX), After
MEX.
MEX 21 02:46:53.9, 0.6, 17:29N, 101:06W, h17km, 4.7km, MD4.0,

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations near coast of Guerrero like ZIIG, ZIAG, etc.

ICD 21 02:48:59.3, 16.0, 16:79S, 12:47W, h0km, mb4.1/3,
mb1 4.1/3, mb1mx3.4/56, mbmtmp4.1/3, MS3.4/4, Ms1 3.4/4,
ms1mx2.9/29, Error ellipse: s-maj=568.6km
s-min=120.3km az=85.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the HIOS2, HIOS3, HIOS1 section like HIOS2 ASCENSION HYDR, etc.

ISCJB 21 02:54:21.3, 0.4, 51:51N, 0:02, 16:10E, 0.02, h0km, Error
ellipse: s-maj=3.5km s-min=2.1km az=7.9
CSEM 21 02:54:22.4, 0.2, 51:54N, 16:12E, h2km, ML3.5/8, Error
ellipse: s-maj=4.1km s-min=2.6km az=11.0,
BGR 21 02:54:23.6, 0.4, 51:56N, 16:10E, h1km, ML3.2/16, Error
ellipse: s-maj=6.6km s-min=2.2km az=19.0
PRU 21 02:54:23.5, 51:52N, 16:10E, h0km
IDC 21 02:54:24.4, 1.0, 51:50N, 15:94E, h0km, mb1 3.7/6,
mb1mx3.3/62, mbmtsp3.5/6, ML2.9/6, Error ellipse:
s-maj=16.0km s-min=9.2km az=118.0
VIE 21 02:54:25.2, 0.5, 51:35N, 16:09E, h0km, mb2.8/4, m3.1/4,
Error ellipse: s-maj=4.0km s-min=3.1km az=69.0,
Suspected Mining Induced.

ISC 21 02:54:21.0, 0.7, 51:52N, 0:03, 16:12E, 0.02, h0km, n93,
0:591/156, 6C-6D, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the KSP, KSI, etc. section like KSP, KSI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the ISCJB, CSEM, BGR, PRU, IDC, VIE section like ISCJB, CSEM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the 2010 NOV section like KSP, KSI, etc.

ISCJB 21 02:54:21.3, 0.4, 51:51N, 0:02, 16:10E, 0.02, h0km, Error
ellipse: s-maj=3.5km s-min=2.1km az=7.9
CSEM 21 02:54:22.4, 0.2, 51:54N, 16:12E, h2km, ML3.5/8, Error
ellipse: s-maj=4.1km s-min=2.6km az=11.0,
BGR 21 02:54:23.6, 0.4, 51:56N, 16:10E, h1km, ML3.2/16, Error
ellipse: s-maj=6.6km s-min=2.2km az=19.0
PRU 21 02:54:23.5, 51:52N, 16:10E, h0km
IDC 21 02:54:24.4, 1.0, 51:50N, 15:94E, h0km, mb1 3.7/6,
mb1mx3.3/62, mbmtsp3.5/6, ML2.9/6, Error ellipse:
s-maj=16.0km s-min=9.2km az=118.0
VIE 21 02:54:25.2, 0.5, 51:35N, 16:09E, h0km, mb2.8/4, m3.1/4,
Error ellipse: s-maj=4.0km s-min=3.1km az=69.0,
Suspected Mining Induced.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the ISCJB, CSEM, BGR, PRU, IDC, VIE section like ISCJB, CSEM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations in the 2010 NOV section like KSP, KSI, etc.

1016

MOA	comp=2.17nm,0.5s	Sg	Sg	02 56 27.1 -1.6	
CRVS	Cervenica-Dubn	4.38 126	eP	Pg	02 55 43.8 -1.5
CRVS	Cervenica-Dubn	4.38 126	eS	Sg	02 56 42.9 +0.9
CRVS	Cervenica-Dubn	4.38 126	eP	Sg	02 55 43.8 +1.5
KWP	Kalvarija Pacla	4.65 113	iP	Pg	02 55 48.8 -1.6
KOLS	Kolonické sedl	4.78 122	ePn	Pg	02 55 33.7 -1.0
KOLS	Kolonické sedl	4.78 122	ePn	Pg	02 55 33.7 -1.0
KOLS	Kolonické sedl	4.78 122	ePn	Pg	02 55 33.7 -1.0
GROS	Grobnik	5.18 185	iP	Pn	02 55 41.8 +1.5
PKSM	Moragy	5.67 162	iP	Pn	02 55 48.4 +1.6
PKSM	Moragy	5.67 162	iP	Pn	02 55 47.5 +0.7
DAVOX	Davos/Dischmat	6.34 223	Pn	Pn	02 55 56.1 -0.2
DRGR	Bucovina Array	7.14 121	iP	Pn	02 56 01.6 +3.5
AKASG	Malin Array Be	8.29 91	Pn	Pn	02 56 24.9 +2.1
FINES	FINES Array B	11.26 25	Pn	Pn	02 57 03.3 -0.1
EKA	Eskdalemuir Ar	12.06 295	Pn	Pn	02 57 11.3 -3.0
ARCES	ARCES Array B	18.51 10	Pn	P	02 58 37.8 -1.1

WEL 21 03:21:16.6:0.5,39'63x174.32E,h215km,4km,ML3.5/14, 2C-4D,Error ellipse: s-maj=2.8km s-min=2.4km az=90.0,

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
LREZ	Lake Rotokare	0.18 21	Op	ISC	h m s ISC
LREZ	Lake Rotokare	0.18 21	SN	Pn	02 21 06.9 +0.3
NEZ	North Egmont	0.40 334	iP	Pn	02 21 44.8 -0.5
NEZ	North Egmont	0.40 334	iP	Pn	02 21 44.8 -0.5
WAZ	Wanganui	0.53 104	iP	Pn	02 21 46.1 +0.5
WAZ	Wanganui	0.53 104	iP	Pn	02 21 46.1 +0.5
WVNZ	Wahianoa	1.03 74	Pn	Pn	02 22 08.7 +0.6
WVNZ	Wahianoa	1.03 74	SN	Pn	02 22 11.5 -1.4
MOVZ	Moawhango	1.13 79	Pn	Pn	02 21 48.2 -0.7
MOVZ	Moawhango	1.13 79	SN	Pn	02 22 11.6 -2.2
DUWZ	D'Urville Isla	1.21 194	Pn	Pn	02 21 49.2 -0.2
KIWI	Kaitiaki Island	1.32 159	Pn	Pn	02 21 52.4 +0.1
TSZ	Takapari Road	1.33 109	Pn	Pn	02 21 50.6 +0.2
TSZ	Takapari Road	1.33 109	Pn	Pn	02 21 50.6 +0.2
POWZ	Post Office Ro	1.35 125	Pn	Pn	02 21 50.4 0.0
OGWZ	Olaki Gorge	1.36 152	Pn	Pn	02 21 50.6 0.0
MRZ	Mukatainoia R	1.41 137	Pn	Pn	02 21 50.9 0.0
MRZ	Mukatainoia R	1.41 137	Pn	Pn	02 21 50.9 0.0
PNHZ	Pukeni	1.48 102	Pn	Pn	02 21 51.7 +0.2
HOWZ	Holdsword Sta	1.56 145	Pn	Pn	02 21 52.0 -0.2
PRWZ	Pori Road	1.57 127	Pn	Pn	02 21 52.6 +0.4
KRHZ	Kereru	1.58 91	Pn	Pn	02 21 52.4 0.0
TCW	Tory Channel	1.58 181	Pn	Pn	02 22 20.0 -1.1
TCW	Tory Channel	1.58 181	Pn	Pn	02 22 20.0 -1.1
CAW	Cannon Point	1.59 179	Pn	Pn	02 21 55.0 +2.6
TIWZ	Tintock	1.66 134	Pn	Pn	02 21 52.8 -0.2
BKZ	Black Stump Fm	1.74 75	iP	Pn	02 21 53.1 -0.8
NWZ	Nelson	1.74 204	Pn	Pn	02 22 35.0 0.0
MTW	Mount Morrison	1.78 150	Pn	Pn	02 21 53.8 -0.2
BFZ	Birch Farm	1.81 126	Pn	Pn	02 21 54.5 +0.1
QHZ	Quartz Range	1.82 228	Pn	Pn	02 21 53.1 -1.4
MCNZ	McNeill Hill	1.85 85	Pn	Pn	02 21 55.2 +0.4
TMWZ	Te Maipia	1.90 141	Pn	Pn	02 21 55.2 -0.1
MSWZ	Muskat Station	1.92 150	AML	AML	02 22 15.2 +0.6
KAHZ	Kahurangi	1.98 96	Pn	Pn	02 21 56.5 +0.4
ARHZ	Arapoanui	2.10 81	Pn	Pn	02 21 57.3 0.0
BSWZ	Blackbirch Sta	2.11 189	AML	AML	02 22 43.1
THZ	Tophouse	2.39 206	iP	Pn	02 21 59.2 -1.1
URZ	Urewera	2.57 59	iP	Pn	02 21 52.4 -2.2
KNZ	Kokohu	2.67 78	AML	AML	02 22 02.4 -0.8
KNZ	Kokohu	2.67 78	AML	AML	02 22 40.9
RIGZ	Rimuhau	2.83 72	iP	Pn	02 22 04.2 -0.9
KSZ	Kahutara	2.85 192	AML	AML	02 22 42.1
DSZ	Denniston Nort	2.85 221	Pn	Pn	02 22 03.6 -1.8
HAZ	Te Kaha	3.23 56	Pn	Pn	02 22 07.3 -0.4
PUZ	Puketitzi	3.44 64	Pn	Pn	02 22 10.1 -2.2
WMGZ	Waionatitini S	3.68 62	Pn	Pn	02 22 12.7 -2.3
OXZ	Oxford	4.07 204	Pn	Pn	02 22 17.1 -2.6
MOZ	McQueen's Vall	4.26 196	Pn	Pn	02 22 20.0 -2.1

GUC 21 03:25:02.9:0.6,22'14S,-67'84W,h208km,12km,ML3.8, 5C-2D,Chile-Boivia border region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
PB06	IPOC Station P	1.70 250	iP	Pn	02 25 40.2 +1.8
PB06	IPOC Station P	1.70 250	iP	Pn	02 25 40.2 +1.8
PB06	IPOC Station P	1.70 250	iP	Pn	02 25 40.2 +1.8
PB01	IPOC Station P	1.89 305	iP	Pn	02 25 42.0 +1.0
PB01	IPOC Station P	1.89 305	iP	Pn	02 25 42.0 +1.0
PB07	IPOC Station P	1.95 282	iP	Pn	02 25 43.2 +1.5
PB07	IPOC Station P	1.95 282	iP	Pn	02 25 43.2 +1.5
PB07	IPOC Station P	1.95 282	iP	Pn	02 25 43.2 +1.5
PB04	IPOC Station P	2.15 264	iP	Pn	02 25 44.5 +1.5
PB04	IPOC Station P	2.15 264	iP	Pn	02 25 44.5 +1.5
PB04	IPOC Station P	2.15 264	iP	Pn	02 25 44.5 +1.5
HMBC	Humberstone	2.67 314	iP	Pn	02 25 50.0 +0.6
HMBC	Humberstone	2.67 314	iP	Pn	02 25 50.0 +0.6
PB10	IPOC Station P	2.86 241	iP	Pn	02 25 53.2 +1.9
PSGC	Pisagua	3.31 319	Pn	Pn	02 25 57.0 +0.1
PSGC	Pisagua	3.31 319	Pn	Pn	02 26 39.9 +0.2
MNMC	Minimimi	4.32 331	iP	Pn	02 25 59.3 +1.0
MNMC	Minimimi	4.32 331	iP	Pn	02 26 42.4 +1.3
MNMC	Minimimi	4.32 331	iP	Pn	02 26 49.4

IDC 21 03:33:13.2:2.7,20'56S,-178'39W,h564km,29km, mb3/14,mb1 3.8/15,mb1mx3.5/41,mb1mp4.5/15,Error ellipse: s-maj=33.6km s-min=12.3km az=154.0

NEIC 21 03:33:15.0:0.9,20'08S,-178'76W,h573km,7km,mb4.5/22, Error ellipse: s-maj=22.6km s-min=7.5km az=154.0

BUI 21 03:33:16.0, 19'90S,-178'80W,h578km,mb4.7/11, mb4.8/7

BGR 21 03:33:17.5:2.0,45S,-178'36W,h600km, ISC 21 03:33:19.0:7.2,20'85S,-178'39W,0.10,h550km,n189, ISC 21 11/202,mb4.4/35,31C-13D,Fiji Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
MSVF	Nonsavu	4.39 309	Op	ISC	h m s ISC
DZM	Mont Dzumac	14.22 261	P	P	03 36 13.8 +0.2
CTA	Charters Tower	33.12 265	P	P	03 39 03.7 +0.5
CTA	Charters Tower	33.12 265	P	P	03 39 02.8 +0.5
CTA	Charters Tower	33.12 265	P	P	03 39 02.8 +0.5
PMG	Port Moresby	35.00 283	eP	P	03 39 16.2 -2.8
AS01	Alice Springs	44.11 257	eP	P	03 40 32.0 -0.1
ASAR	Alice Springs	44.15 257	P	P	03 40 32.0 +0.1
ASAR	Alice Springs	44.15 257	P	P	03 40 32.0 +0.1
ASAR	Alice Springs	44.15 257	P	P	03 40 32.0 +0.1
ASAR	Alice Springs	44.15 257	P	P	03 40 32.0 +0.1
ASAR	Alice Springs	44.15 257	P	P	03 40 32.0 +0.1
WRA	Warramunga Arr	44.23 252	P	P	03 40 32.4 -0.7
WRA	Warramunga Arr	44.23 252	P	P	03 40 32.4 -0.7
FITZ	Fitzroy Cross	52.66 263	P	P	03 41 35.9 +0.3
SJJI	Sorong	52.90 285	P	P	03 41 38.0 +0.5
MBWA	Marble Bar	57.49 257	eP	P	03 42 09.2 -0.1
KAPI	Kappang	61.93 275	P	P	03 42 37.9 -1.0
MJAR	Matsuhiro Arr	70.04 324	P	P	03 43 28.4 -0.5
MAJO	Matsuhiro	70.05 324	eP	P	03 43 27.3 -1.6
PETK	Petropavlovsk-	76.24 345	P	P	03 44 03.8 -0.1

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
USRK	Ustyuriysk Arr	78.81 326	P	P	03 44 18.6 +0.6
NJ2	Nanjing	79.64 310	eP	PMZ	03 44 21.3 -1.4
NJ2	Nanjing	79.64 310	eP	PMZ	03 44 21.3 -1.4
NV01	Mina Array Sit	81.32 44	eP	P	03 44 32.1 +0.6
NVAR	Mina Array Be	81.32 44	eP	P	03 44 31.8 +0.2
MOD	Modoc	82.09 40	eP	P	03 44 36.1 +0.8
CN2	Changchun	82.13 323	eP	P	03 44 38.1 +2.9
CN2	Changchun	82.13 323	eP	P	03 47 39.0 +1.0
CN2	Changchun	82.13 323	eP	P	03 54 05.4 +0.6
CN2	Changchun	82.13 323	eP	PMZ	
CN2	Changchun	82.13 323	eP	PMZ	
CN2	Changchun	82.13 323	eP	PMZ	
CN2	Changchun	82.13 323	eP	PMZ	
TUCSON	Tucson	83.30 52	eP	P	03 44 43.0 +1.5
WVOR	Wild Horse Val	83.41 40	eP	P	03 44 42.1 +0.2
SUA	Suifanshan One	84.70 13	eP	P	03 44 47.1 -0.7
G08A	Pilot Rock	84.88 38	eP	P	03 44 49.8 +0.7
BMO	Blue Mountains	85.59 39	eP	P	03 44 53.1 +0.7
GYA	Gulyang	86.36 300	eP	P	03 44 50.5 -1.6
GYA	Gulyang	86.36 300	eP	P	03 47 00.3 +4.1
GYA	Gulyang	86.36 300	eP	P	03 47 57.4 +5.6
GYA	Gulyang	86.36 300	eP	P	03 48 26.8 -1.4
GYA	Gulyang	86.36 300	eP	P	03 54 23.6 -7.4
GYA	Gulyang	86.36 300	eP	PMZ	
TRF	Thorofare Moun	86.58 12	eP	P	03 44 55.5 -1.4
HLF	Haliu	86.61 41	eP	P	03 44 57.6 +0.2
MCK	McKinley	87.11 13	eP	P	03 44 57.9 -1.2
TX31	Lajitas Ar. Si	87.39 57	eP	P	03 45 01.9 +0.6
TX3R	Lajitas Array	87.39 57	eP	P	03 45 02.3 +0.9
MLY	Manley	87.92 11	eP	P	03 45 01.8 -1.1
WRH	Wood River Hill	87.94 13	eP	P	03 45 01.3 -1.6
CCB	Clear Creek Bu	88.15 13	eP	P	03 45 02.8 -1.1
MCMT	McKenzie Canyo	88.23 40	eP	P	03 45 05.9 +0.8
MDM	Murphy Dome	88.34 12	eP	P	03 45 03.5 -1.3
COLA	College	88.34 13	eP	P	03 45 03.7 -1.1
IL1	Elison Array	88.45 13	eP	P	03 45 03.8 -1.5
ILAR	Elison Array B	88.45 13	eP	P	03 45 04.1 -1.2
KMI	Kumming	89.05 297	eP	P	03 45 06.1 -3.3
KMI	Kumming	89.05 297	eP	PMZ	
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 45 05.6 -3.6
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 47 16.6 -1.9
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 48 15.6 +1.1
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 48 49.9 0.0
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 50 52.4 -0.4
HHC	Hu-ho-hao-te	89.14 315	eP	P	03 58 50.5 +3.5
HHC	Hu-ho-hao-te	89.14 315	eP	PMZ	
BW06	Boulder Array	89.25 43	eP	P	03 45 09.5 -0.4
PDAR	Pinedale Array	89.25 43	eP	P	03 45 09.8 -0.1
BOZ	Bozeman (W)	89.39 40	eP	P	03 45 10.6 +0.3
DAWY	Dawson	89.61 1			

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ASAR Alice Springs 24.08 166 P P 03 38 56.7 +2.6
MKAR Makanchi Array 61.62 326 P P 03 43 56.3 +0.1

IDC 21 03:36:27.91.5, 7.12S: 122.87E, h0km, mb4.0/1,
mb1 4.1/5, mb1mx3.6/38, mbtmpp3.9/5, ML3.7/4, MS2.7/4,

ISCJB 21 03:36:30.6.0.6, 7.21S: 0.05: 122.83E: 0.06, h35km,
mb4.1/3, MS2.6/1, Error ellipse: s-maj=9.6km s-min=5.2km

NEIC 21 03:36:32.4.4.3, 7.31S: 122.80E, h35km, 36km, mb4.1/3,
Error ellipse: s-maj=21.2km s-min=8.4km az=219.0

DJA 21 03:36:33.7.0.4, 7.5S: 122.2E, h10km, M3.9/8, MLV3.9/8
ISC 21 03:36:32.6.9.9, 7.27S: 0.05: 122.71E: 0.09, h35km, n23,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like MMRI, BSSI, SOEI, BATTI, BATI, WRA, WRAB, ASAR, COEN, KULM, CMAR, AAK, ZALV, etc.

IDC 21 03:42:15.2.10.0, 17.17S: 179.11W, h518km, 126km,
mb2.9/5, mb1 3.3/5, mb1mx2.9/33, mbtmpp3.7/5, Error

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, ILAR, TXAR, BRTR, GERES, etc.

IDC 21 03:45:38.4.2.0, 8.13S: 129.97E, h0km, mb3.6/1,
mb1 3.7/4, mb1mx3.4/29, mbtmpp3.5/4, ML3.5/3, Error

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

CSEM 21 03:49:21.3, 43.47N: 12.42E, h8km, MD1.7/6, After ROM
ROM 21 03:49:21.3, 0.1, 43.47N: 12.42E, h8km, 1km, Mdl1.7/6,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like ATPC, ATVO, PIEI, PARC, FRON, SSFR, FSSB, etc.

ISK 21 03:49:46.8, 37.36N: 36.38E, h5km, MD2.7
DDA 21 03:49:47.1, 37.37N: 36.40E, h7km, MD2.6

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ellipse: s-maj=7.0km s-min=4.6km az=168.0
ISC 21 04:09:47.4.1.1, 37.35N: 0.04: 36.37E: 0.02, h3km, 15km,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like ANDN, KAMA, AYKD, HCB, KMRS, etc.

DDA 21 04:04:48.8, 39.49N: 33.24E, h6km, MD2.7
ISCJB 21 04:04:49.7.0.6, 39.55N: 0.04: 33.27E: 0.04, h5km, 7km,

CSEM 21 04:04:49.5.0.2, 39.58N: 33.28E, h2km, MD2.7, Error
ellipse: s-maj=4.9km s-min=4.2km az=13.0

ISC 21 04:04:49.3.1.0, 39.58N: 0.03: 33.27E: 0.02, h4km, 10km,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like BBAL, KAMT, LOD, SERE, YAYX, CDAG, ELDT, etc.

DDA 21 04:09:38.0, 37.27N: 28.12E, h7km, MD2.5
ISK 21 04:09:37.8, 37.30N: 28.17E, h6km, MD2.8

CSEM 21 04:09:38.4.0.2, 37.29N: 28.16E, h2km, MD2.8, Error
ellipse: s-maj=4.8km s-min=3.8km az=53.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like YER, YUR, TUR, BDRM, DALY, etc.

IDC 21 04:12:35.8.2.5, 17.28S: 175.78W, h234km, 26km,
mb3.2/4, mb1 3.6/5, mb1mx3.3/40, mbtmpp3.9/5, Error

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like AFI, WRA, ASAR, TXAR, ILAR, BRTR, etc.

AUST 21 04:11:50.0, 25.82S: 176.09W, h0km
IDC 21 04:13:17.0, 26.72S: 175.78E, h604km, 62km, mb3.5/5,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like DZM, URZ, RPZ, ARMA, EIDS, etc.

1018

baz=30, SNR=10
MGCD Mangrove Creek 24.87 247 P P 04 17 58.1 +2.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like RMQ, CMSA, QLP, MTSU, COEN, BISS, QBOO, ASAR, etc.

KRNET 21 04:13:53.8.0.1, 39.57N: 73.57E, mb4.2
IDC 21 04:13:54.9.0.7, 39.52N: 73.40E, h0km, mb3.9/16,

MSC 1.4/23, mb1mx3.9/50, mbtmpp3.9/23, ML3.6/7, MS3.5/19,
Ms1 3.5/19, ms1mx3.5/4, Error ellipse: s-maj=13.8km

ISCJB 21 04:13:55.9.1.1, 39.39N: 0.02: 73.37E: 0.04, h19km, 9km,
mb4.0/3, MS3.5/19, Error ellipse: s-maj=5.0km

BJI 21 04:13:57.3, 39.58N: 73.39E, h5km, mb4.4/6, mB4.4/5,
ML4.2/5, Ms4.1/8, Ms7.3/7

NEIC 21 04:13:57.5.4.3, 39.56N: 73.32E, h14km, 33km, mb4.3/7,
Error ellipse: s-maj=15.8km s-min=8.4km az=178.0

MOS 21 04:13:58.7.1.9, 39.65N: 73.36E, h29km, mb4.4/12, Error
ellipse: s-maj=8.2km s-min=5.1km az=95.0

NNC 21 04:13:59.0.1.9, 39.76N: 73.29E, h0km, mb4.6, mpv4.4,
Error ellipse: s-maj=18.1km s-min=12.0km az=173.0

ISC 21 04:13:59.1.0.9, 39.57N: 0.04: 73.35E: 0.03, h24km, 7km,
n139, t193/148, mb4.1/3, MS3.4/19, 33C-26D,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like ARSB, ARK, AML, ARL, NRN, UCH, KZA, MNAS, etc.

Table with columns: BOOM, CHMS, CHMS, CHMS, TKM2, TKM2, TKM2, KK31, KK31, KKAR, KKAR, KKNC, KKNC, ANVS, ANVS, AAA, AAA, AAA, PRZ, PRZ, CEP, CEP, CHCP, CHCP, PDGK, PDGK, PDGK, THW, THW, SARP, SARP, SMLA, SMLA, SMLA, SMLA, MK31, MK31, MK31, MK31, MKAR, MKAR, NDI, NDI, WMQ, WMQ, WMQ, WMQ, KURBB, KURBB, KURBB, KURBB, GEYT, GEYT, AB31, AB31, AB31, AB31, ABKAR, ABKAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, CHKZ, CHKZ, KOLN, KOLN, GKN, GKN, AKTO, AKTO, AKTO, DMN, DMN, GUN, GUN, ZALV, ZALV, ZALV, ZALV, NVS, NVS, RAMN, RAMN, TAPN, TAPN, SVE, SVE, ARU, ARU, ARU, GROC, GROC, DGRG, DGRG, GNI, GNI

Table with columns: GNI, GNI, ZEI, ZEI, LSNR, LSNR, NCK, NCK, ONI, ONI, KBZ, KBZ, NEY, NEY, KIV, KIV, KIV, KIV, ZAK, ZAK, ZAK, TLY, TLY, TLY, TLY, SONM, SONM, ULN, ULN, ULN, ULN, ANN, ANN, ANN, ANN, ANN, MALT, MALT, RAYN, RAYN, OBN, OBN, OBN, OBN, OBN, OBN, BRTR, BRTR, AKASG, AKASG, KIEV, KIEV, KIEV, PALK, PALK, FINES, FINES, FINES, ATD, ATD, ARCES, ARCES, ARCES, OKC, OKC, YAK, YAK, YAK, GOPC, GOPC, PVCC, PVCC, PRU, PRU, KULM, KULM, KSRs, KSRs, TIXI, TIXI, GERES, GERES, GERES, NB2, NB2, NOA, NOA, NOA, MJAR, MJAR, MJAR, MJAR, ESDC, ESDC, TORD, TORD, INK, INK, COLA, COLA, COLA, ILAR, ILAR, DBIC, DBIC, YKA, YKA, YKA, WRA, WRA, WRAB, WRAB, WRAB, WRAB, ASAR, ASAR, ASAR

Table with columns: THR 21 04:34:08.9, CSEM 21 04:34:09.2, ISC 21 04:34:07.6, Code, Station Name, Time s, Res

DSN 21 04:34:01.8, 2.2, 27.78N:54.10E, h10km, mb4.0/10, ML4.4/8, Ms4.0/1, Error ellipse: s-maj=30.2km s-min=11.6km az=16.0

21d 4h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IKLH, IKOO, IKOB, etc.

ADC 21 04:36:29.3, 0.3, 54.735x131.160W, h0km, mb5.2/35, mb1.5/3/5, mb1mx5.2/48, mbtmp5.2/35, MS5.5/34, Ms1.5/5/34, ms1mx5.4/41, Error ellipse: s-maj=12.9km s-min=8.7km az=177.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like PTCN, SBA, RKT, etc.

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Main table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BKZ, RPZ, URZ, THZ, etc.

1020

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NVL, ACLA, MOO, LPA, etc.

1021

Table with columns: QIS, Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Mount Isa, Alice Springs, Alice Springs, etc.

2010 NOV

Table with columns: GENI, Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Geniem, Faith Ranch, TXAR, etc.

21d 4h

Table with columns: HKT, Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Hockley, San Angelo, Sutherland, etc.

21d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Albuquerque, Jacksonville, Haskell, Ennis, Sheep Range, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Maui Ridge, Poteau, San Rafael, etc.

1022

Table with columns for station name, frequency, power, and other technical details. Includes stations like Casper, Detroit Lake, Snow King Mountain, etc.

21d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASUD, HATD, BOSS, SSB, SSB, EKA, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, Collm, CLL, CLL, CLL, etc.

1024

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC, DPC, DPC, DPC, DPC, etc.

21d 6h

Table with 6 columns: Station Name, Time, Res, Pn, Sn, and a numerical value. Includes stations like CAHU Cacacuatique, MOPM Montomoto, and COMN Copalpete.

WEL 21 05:13:28.4.0.5,36.775x177.13E,h156km,5km,ML3.7/6, 1C, Error ellipse: s-maj=6.8km s-min=6.6km az=0.0, Off east coast of North Island

Main table for the 21d 6h section, listing station names, coordinates, and various data points. Includes stations like HAZ Te Kaha, MXZ Patakoa Point, and WVGZ Waionatitani S.

IDC 21 05:19:44.1.3.9,11.065x163.54E,h0km,mb3.7/3, mb1 4.0/4, mb1mx3.7/35, mbtmp3.9/4, ML4.9/1, Error ellipse: s-maj=69.7km s-min=45.2km az=65.0, Bougainville - Solomon Islands region

Table for IDC 21 05:19:44, listing station names and data. Includes stations like HNR Honiara, WRA Warramunga Arr, and H1S1 WAKE ISLAND Hy 29.53.

IDC 21 05:20:45.4.9.4, 11.202S, 163.84E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/35, mbtmp4.0/5, ML4.1/1, MS4.5/1, Ms1 4.5/1, mb1mx3.5/31, Error ellipse: s-maj=206.3km s-min=54.5km az=110.0, Bougainville - Solomon Islands region

Table for IDC 21 05:20:45, listing station names and data. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and CMAR Chiang Mai Arr.

IDC 21 05:43:39.1.4.4, 2.86S, 100.61E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/40, mbtmp3.5/4, Error ellipse: s-maj=180.9km s-min=22.9km az=58.0, Southern Sumaterra

Table for IDC 21 05:43:39, listing station names and data. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, and WRA Warramunga Arr.

ISCJCB 21 05:47:06.9.0.9, 12.77S, 0.07, 166.5E, 0.2, h150km, mb3.7/8, Error ellipse: s-maj=29.2km s-min=10.2km az=173.7

Table for ISCJCB 21 05:47:06, listing station names and data. Includes stations like DZM Mont Dzumac.

2010 NOV

Table for 2010 NOV section, listing station names and data. Includes stations like DZM, WRA Warramunga Arr, and ASAR Alice Springs.

ISCJCB 21 06:00:53.8.0.5, 36.94N, 0.03, 33.95E, 0.03, h3km, 5km, Error ellipse: s-maj=4.3km s-min=3.5km az=168.6

DDA 21 06:00:53.6, 36.94N, 33.97E, h20km, MD3.1, ISK 21 06:00:53.4, 36.93N, 33.97E, h5km, MD3.2, CSEM 21 06:00:54.1, 0.1, 36.95N, 33.95E, h5km, MD3.1, Error ellipse: s-maj=3.2km s-min=3.0km az=167.0

ISC 21 06:00:54.2, 1.0, 36.95N, 0.02, 33.96E, 0.02, h12km, 9km, n17, 0.9548/28, Turkey

Main table for the 2010 NOV section, listing station names, coordinates, and various data points. Includes stations like KERG Konya-Eregli, KERG Konya-Eregli, KERG Konya-Eregli, etc.

CSEM 21 06:03:53.9.0.6, 41.30N, 39.80E, h5km, MD2.5, Error ellipse: s-maj=12.4km s-min=6.3km az=154.0

ISK 21 06:03:53.2, 41.29N, 39.77E, h5km, MD2.5, ISCJCB 21 06:03:55.1, 6.1, 41.2N, 0.2, 39.80E, 0.07, h22km, 16km, Error ellipse: s-maj=26.8km s-min=8.3km az=9.6

ISC 21 06:03:53.8, 1.4, 41.29N, 0.06, 39.80E, 0.04, h14km, 9km, n17, 0.9548/28, Turkey

Table for ISC 21 06:03:53, listing station names and data. Includes stations like KTUT Trabzon, MACK Trabzon, GUMT Gumushane, etc.

ISCJCB 21 06:12:54.3.0.9, 0.4N, 0.2, 30.0W, 0.2, h10km, mb3.7/5, MS3.7/2, Error ellipse: s-maj=40.2km s-min=13.3km az=147.7

IDC 21 06:12:54.8.1.0, 0.52N, 30.09W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.6/47, mbtmp3.9/6, ML3.9/1, MS3.8/3, Ms1 3.8/3, ms1mx3.5/31, Error ellipse: s-maj=50.3km s-min=19.9km az=154.0

ISC 21 06:12:56.2, 1.0, 0.3N, 0.2, 30.0W, 0.2, h10km, n15, 0.991/8, mb3.8/5, Central Mid-Atlantic Ridge

Table for ISC 21 06:12:56, listing station names and data. Includes stations like DZM Mont Dzumac.

1026

Table for 1026 section, listing station names and data. Includes stations like RCBR Riachuelo, RCBR, RCBR, etc.

ISCJCB 21 06:14:05.8.1.1, 11.8N, 0.2, 43.80E, 0.10, h10km, mb3.8/10, Error ellipse: s-maj=26.1km s-min=8.6km

IDC 21 06:14:05.5.1.1, 11.72N, 43.74E, h0km, mb3.8/10, mb1 3.9/10, mb1mx3.7/41, mbtmp3.8/10, Error ellipse: s-maj=34.5km s-min=13.9km az=159.0

ISC 21 06:14:07.5.1.2, 11.8N, 0.2, 43.8E, 0.10, h10km, n12, 0.881/13, mb3.9/10, Ethiopia

Table for ISC 21 06:14:07, listing station names and data. Includes stations like ATD Arta Tunnel, ATD, FURI Furi, etc.

CSEM 21 06:19:12.4, 39.55N, 29.71W, h10km, ML3.2, After PDA PDA 21 06:19:12.4, 0.8, 39.55N, 29.71W, h10km, MD3.6, ML3.2, Error ellipse: s-maj=6.6km s-min=3.2km az=37.0, Azores Islands

Table for CSEM 21 06:19:12, listing station names and data. Includes stations like H07S1 FLORES T-PHASE, PCED Cedros, etc.

ISCJCB 21 06:29:02.0, 34.18N, 26.85E, h6km, 2km, ML3.3/2, Error ellipse: s-maj=3.6km s-min=3.3km az=152.0

ISCJCB 21 06:29:04.4, 35.20N, 26.83E, h5km, ML3.7, Error ellipse: s-maj=12.0km s-min=5.9km az=177.7

CSEM 21 06:29:05.2, 0.3, 35.12N, 26.63E, h10km, ML3.3, Error ellipse: s-maj=9.9km s-min=4.4km az=176.0

DDA 21 06:29:20.9, 35.79N, 27.76E, h28km, M13.3, ISC 21 06:29:05.2, 1.6, 35.17N, 0.05, 26.67E, h7km, 12km, n52, 0.9101/59, Crete

Table for ISC 21 06:29:05, listing station names and data. Includes stations like ROSA Rosais, ROSA Rosais, etc.

THE 21 06:29:02.0, 34.18N, 26.85E, h6km, 2km, ML3.3/2, Error ellipse: s-maj=3.6km s-min=3.3km az=152.0

ISCJCB 21 06:29:04.4, 35.20N, 26.83E, h5km, ML3.7, Error ellipse: s-maj=12.0km s-min=5.9km az=177.7

CSEM 21 06:29:05.2, 0.3, 35.12N, 26.63E, h10km, ML3.3, Error ellipse: s-maj=9.9km s-min=4.4km az=176.0

DDA 21 06:29:20.9, 35.79N, 27.76E, h28km, M13.3, ISC 21 06:29:05.2, 1.6, 35.17N, 0.05, 26.67E, h7km, 12km, n52, 0.9101/59, Crete

Table for ISC 21 06:29:05, listing station names and data. Includes stations like ZKR Zakros, ZKR Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, LAST Lasithi, THRS Thira Island, etc.

MEX 21 06:32:44.8.0.6.13'38N.91'39W, h29km, 17km, MD3.7, Near coast of Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 21 06:50:30.7.1.3.5.01S.102'75E, h0km, mb4.0/9, mb1 4.2/9, mb1mx3.9/44, mbtm3.0/49, Error ellipse: s-maj=62.3km s-min=15.9km az=52.0, Error ellipse: h77km, 5km, ISCJB 21 06:50:39.1.0.7.4.90S.0.06.103.00E.0.05.0.05, h17km, 5km, mb4.0/11, Error ellipse: s-maj=11.9km s-min=4.9km az=40.6

NEIC 21 06:50:39.2.1.9.4.95S.102'89E, h63km, 11km, mb4.2/2, Error ellipse: s-maj=41.9km s-min=8.4km az=51.0, DJA 21 06:50:40.2.0.7.5.3.10'3E, h34km, 7km, M4.0/11, MLV4.0/11

ISC 21 06:50:39.5.1.0.4.97S.0.06.103.00E.0.05.0.05, h64km, 8km, n35, a12/42, mb4.0/11, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAI Manna, MASI Maura Aman, WRA Warramunga Arr, etc.

ISCJB 21 07:06:45.1.0.4.1.0.4.1S.0.03.99.13E.0.0.0.04, h73km, 6km, mb3.7/5, Error ellipse: s-maj=7.6km s-min=4.7km az=151.0, DJA 21 07:06:46.4.0.5.0.2.2.9'9E, h26km, 6km, M3.8/10, mb3.7/2, MLV3.8/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SISI Saibi, PPI Padang Panjang, MMSI Mandailing Nat, etc.

IDC 21 07:13:24.3.3.8.15.15S.173'02W, h138km, 29km, mb3.2/3, mb1 3.5/3, mb1mx3.1/39, mbtm3.6/3, Error ellipse: s-maj=209.6km s-min=25.5km az=138.0, Tonga Islands

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

IDC 21 07:15:37.9.7.8.28'83N.139'60E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.4/48, mbtm3.7/3, ML2.8/1, Error ellipse: s-maj=501.1km s-min=40.6km az=80.0

JMA 21 07:16:15.0.2.3.007N.139'39E, h463km, 4km, M3.1, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO4 Boso 4, WRA Warramunga Arr, ASAR Alice Springs, etc.

PGC 21 07:16:30.8.1.1.58'48N.137'35W, h1km, ML2.7/7, 140km, Wsw of Haines, Ak Southeastern Alaska

NEIC 21 07:16:31.6.58'50N.137'32W, h23km, ML2.6(AEIC), ML2.7(OT), After AEIC

ISC 21 07:16:31.2.1.7.58'55N.0.06.137'36W.0.0.04, h4km, 12km, n24, a187/51, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DHAK Deception Hill, PLBC Pleasant Camp, SKAG Skagway, etc.

ISCJB 21 07:25:21.7.0.9.7.36S.0.06.129'0E.0.1.1, h100km, mb3.4/1, Error ellipse: s-maj=18.3km s-min=9.0km az=4.8, IDC 21 07:25:23.2.1.7.31S.129'33E, h96km, 39km, mb3.1/1, mb1 3.5/5, mb1mx3.2/34, mbtm3.7/5, Error ellipse: s-maj=67.5km s-min=22.9km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantou Dam, KDU Kakadu, SIJI Sorong, etc.

NEIC 21 07:29:37.8.40'56N.121'72W, h6km, MW3.5(BRK), After NCEDC

NEIC Felt [III] at Shingletown. ISC 21 07:29:37.4.1.3.40'61N.0.03.121'75W.0.0.03, h2km, 14km, n27, a142/39, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDC Whiskeytown Da, WDC WDC, N02D Trinity Center, etc.

MOS 21 07:59:07.7.1.0.2.1'65N.143'04E, h288km, mb4.8/28, Error ellipse: s-maj=9.2km s-min=5.4km az=104.1, BUJ 21 07:59:07.1.2.150N.143'32E, h304km, mb4.4/24, MB4.5/18

NEIC 21 07:59:09.3.0.1.21'59N.143'08E, mb4.7/35, Error ellipse: s-maj=4.0km s-min=3.3km az=115.0, ISCJB 21 07:59:09.1.0.4.2.1'63N.0.02.143'13E.0.0.03, h306km, 4km, mb4.5/149, Error ellipse: s-maj=4.0km s-min=3.2km az=99.7

JMA 21 07:59:09.5.0.2.21'77N.143'49E, h316km, 2km, M4.6, IDC 21 07:59:10.8.1.1.21'57N.143'04E, h31km, 10km, mb4.1/48, mb1 4.2/51, mb1mx4.1/83, mbtm4.7/51, Error ellipse: s-maj=7.9km s-min=5.6km az=86.0

ISC 21 07:59:09.7.0.3.21'63N.0.04.143'13E.0.0.05, h301km, 2km, h301km, pP-P, n428, a1825/516, mb4.6/148, 10C-10D, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHHJ Haha-jima-NKT, SARJ Sarigan, CBJ Chichi jima, etc.

ISCJB 21 07:59:09.7.0.3.21'63N.0.04.143'13E.0.0.05, h301km, 2km, h301km, pP-P, n428, a1825/516, mb4.6/148, 10C-10D, Mariana Islands region

21d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAJO, Matsuhiro, and various international stations.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, YAKUTSK, and various international stations.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TTA, TATA, and various international stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like 107A Ize, NEW Newport, EDM Edmont, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SHPR Dugway, DUG Dugway, AHID Auburn, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like J29A Okreek, SUSD South Dakota S, I30A Oacoma, etc.

ISCJB 21 08:04:13.6i:0.5, 36.97N:0.03:29.67E:0.04, h0km, 7km, Error ellipse: s-maj=6.6km s-min=4.1km az=139.8

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GLHS Gilhisar (BURDU), GLHS Gilhisar (BURDU), etc.

MEX 21 08:23:20.1i:0.5, 13.97N:91.73W, h15km, MD3.7, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PCIG Cigahu, PCIG Cigahu, etc.

ILAR Eielson Array 153.46 305 PKPbc PKPbc 08 44 51.1 -0.1

GCMT 21 08:25:52.0-0.4, 35.105x108.71W, h30km, 1km, MW5.1/71, Moment Tensor Solution, s20,c23; s71,c86; Duration: 0 Moment Tensor: Scale 1019Nm; Mrr=0.73;30; Mtt=0.44;31; Mss=0.33;31; Mtr=1.36;40; Mts=5.75;24; Mtt=0.69;41; Best double couple: Ms=3.91800x1016 Np1=90.00000; s87.00000; A=168.00000; NP2: q=359.00000; s78.00000; A=3.00000; Principal axes: T 5.3190, Plg7.0000, Azm224.0000; N 1.1900, Plg7.7000, Azm104.0000; P -6.5180, Plg11.0000, Azm315.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 21 08:25:52.0-0.4, 34.865x108.79W, h0km, mb4.1/10, mb1.4/3/10, mb1mx4.2/29, mbtmp4.1/10, MS3.9/8, Ms1.3/9/8, ms1mx3.7/27 Error ellipse: s-maj=22.1km s-min=21.2km az=148.0

ISCJTB 21 08:25:53.0-0.6, 34.9S;0.1:108.7W;0.1, h15km, mb4.0/12, MS3.9/7, Error ellipse: s-maj=17.3km s-min=12.6km az=10.4

NEIC 21 08:25:54.3-0.5, 34.87S;108.79W, h10km, mb4.2/2, Error ellipse: s-maj=13.5km s-min=12.5km az=138.0

ISC 21 08:25:55.2-0.7, 34.9S;0.1:108.8W;0.1, h15km, n30, s067/19, mb4.1/12, MS3.9/7, Southern East Pacific Rise

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

NEIC 21 08:26:03.8, 40.56N, 121.73W, h1km, ML3.1 (NCEDC), After NCEDC.

ISC 21 08:26:03.9-1.4, 40.59N;0.05:121.75W;0.05, h4km, 16km, n14, c1947/22, Northern California

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

ISCJTB 21 08:41:46.9-0.8, 54.5S;0.2:131.9W;0.2, h10km, mb3.9/10, MS4.1/15, Error ellipse: s-maj=28.7km s-min=15.3km az=149.5

ISC 21 08:41:47.0-0.8, 54.49S;131.98W, h0km, mb4.0/8, mb1.4/2/8, mb1mx4.0/24, mbtmp4.0/8, MS4.1/15, Ms1.4/1/15, ms1mx3.9/26, Error ellipse: s-maj=34.9km s-min=19.7km az=157.0

NEIC 21 08:41:48.5-0.6, 54.48S;131.94W, h10km, mb4.0/1, Error ellipse: s-maj=23.1km s-min=13.7km az=151.0

GCMT 21 08:41:48.5-0.4, 54.44S;131.98W, h36km, 2km, MW5.0/77, Moment Tensor Solution, s24,c28; s77,c97; Duration: 0 Moment Tensor: Scale 1016Nm; Mrr=0.69;27; Mtt=0.40;29; Mss=3.41;23; Mtr=1.15;28; Mts=2.00;16; Mtt=0.38;24; Best double couple: Ms=4.38700x1016 Np1=90.00000; s83.00000; A=170.00000; NP2: q=122.00000; s80.00000; A=8.00000; Principal axes: T 4.8620, Plg12.0000, Azm346.0000; N -0.9500, Plg78.0000; Azm174.0000; P -3.9120, Plg2.0000, Azm76.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 21 08:41:48.8-0.4, 54.42S;131.93W, h10km, n40, s086/11, mb4.0/10, MS4.2/15, Pacific-Antarctic Ridge

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

ISCJTB 21 08:53:20.3-0.5, 37.60S;0.0:74.84W;0.09, h10km, mb3.9/10, Error ellipse: s-maj=10.6km s-min=5.1km az=19.5

GUC 21 08:53:20.2-0.7, 37.58S;74.27W, h29km, 3km, ML4.7

NEIC 21 08:53:20.0, 37.58S;74.27W, h29km, mb4.0/4, ML4.7 (GUC), Afters GUC.

NEIC Felt [IV] at Lebu and [III] at Arauco, Concepcion and San Pedro de la Paz.

ISC 21 08:53:21.5-0.9, 37.61S;75.1W, h0km, mb3.9/7, mb1.4/0/11, mb1mx3.9/29, mbtmp3.9/11, ML4.1/4, MS3.1/2, Ms1.3/1/2, ms1mx2.9/20, Error ellipse: s-maj=33.8km s-min=16.7km az=104.0

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

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

ISC 21 09:01:30.4-1.1, 3.42S;136.38E, h0km, mb3.6/5, mb1.3/8/8, mb1mx3.6/31, mbtmp3.7/8, ML3.8/3, Error ellipse: s-maj=28.6km s-min=23.0km az=89.0

ISCJTB 21 09:01:34.9-0.7, 3.45S;0.0:105.94E;0.09, h37km, mb3.6/4, Error ellipse: s-maj=13.4km s-min=8.5km az=152.0

AUST 21 09:01:40.6-0.0, 3.52S;135.94E, h150km, Error ellipse: s-maj=2.0km s-min=1.2km az=0.0

ISC 21 09:01:37.6-0.8, 3.46S;109.135E;0.09, h37km, n15, c186/13, mb3.6/4, Irian Jaya region

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

AUST 21 09:02:53.6, 4.46S;133.53E, h35km

ISC 21 09:02:56.9, 3.2, 5.08S;133.49E, h0km, mb3.6/1, mb1.4/3/4, mb1mx3.7/29, mbtmp4.1/4, ML4.0/3, MS3.2/1, Ms1.3/2/1, ms1mx2.5/28, Error ellipse: s-maj=128.1km s-min=31.6km az=82.0

ISC 21 09:02:55.8-1.4, 4.92S;0.09:133.5E;0.2, h25km, n15, c277/9, Irian Jaya region

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

MEX 21 09:08:35.7-0.4, 18.07N;99.79W, h57km, 3km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEIG Mezcala, PLIG Platanillo, ARIG Puente Sto Nin, etc.

CSEM 21 09:12:55.7, 39.94N, 29.45W, h10km, ML2.4, After PDA
PDA 21 09:12:55.7, 0.4, 39.94N, 29.45W, h10km, MD3.5, ML2.4, Error ellipse: s-maj=5.0km s-min=3.1km az=70.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCED Cedros, PGRA Graciosa, CALA Caldeira, etc.

DDA 21 09:36:36.6, 37.37N, 36.43E, h9km, Md2.9
CSEM 21 09:36:37.5, 0.3, 37.38N, 36.33E, h2km, MD2.9, Error ellipse: s-maj=8.6km s-min=7.1km az=141.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANDN Andirin, AYKO Aykinkavak, HCB Kahramanmara, etc.

ISCJB 21 09:50:36.7, 0.4, 50.04N, 0.03, 18.36E, h0km, Error ellipse: s-maj=4.5km s-min=2.4km az=15.1
IPEC 21 09:50:37.9, 0.2, 50.04N, 18.48E, h0km, 3km, ML1.5/3, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0,

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRUC Moravsky baz=53, KRUC 4.7nm, 0.3, baz=53, STHS Stnebicka Huta, etc.

NIED 21 09:53:00, 38.70N, 142.20E, h41km, Mw4.2 Best double couple: Mb1.95000+0.019, P1+g210.00000, 3.18.00000, 0.97.00000, N1P2+g22.00000, 3.72.00000, 0.88.00000, ISCJB 21 09:53:21.0, 0.9, 38.73N, 0.04, 142.22E, 0.09, h51km, 6km, mb3.9/18, MS2.9/3, Error ellipse: s-maj=11.8km s-min=6.1km az=20.1,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, OJU Ouri, JMK Ichinoseki, etc.

JMA 21 09:53:20.9, 0.1, 38.72N, 142.27E, h39km, 1km, M4.1, JMA Felt II J1, IDC 21 09:53:22.8, 2.1, 38.75N, 142.21E, h52km, 18km, mb3.7/18, mb1.3/9.23, mb1mx3.8/37, mbtmp.4/0.23, ML3.4/5, MS3.1/6, Ms1.3/1.6, ms1mx2.8/57, Error ellipse: s-maj=19.2km s-min=12.4km az=105.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro, MAT Matsushiro, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 28.51 125 T, H1N1 WAKE ISLAND Hy 28.52 125 T, H1N3 WAKE ISLAND Hy 28.53 125 T, etc.

ISCJB 21 09:54:22.0, 0.7, 38.32N, 0.04, 30.73E, h19km, 10km, Error ellipse: s-maj=9.4km s-min=5.9km az=6.0
ISK 21 09:54:21.5, 38.37N, 30.75E, h20km, MD2.7
DDA 21 09:54:22.0, 0.2, 38.36N, 30.77E, h7km, Md2.8
CSEM 21 09:54:22.0, 0.2, 38.36N, 30.75E, h19km, MD2.7, Error ellipse: s-maj=5.3km s-min=4.8km az=115.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOLV Bolvadin, SUTC Sutluce-Ispart, KHAL Karahalli, etc.

NSSP 21 09:57:22.1, 38.42N, 44.62E, h5km, Ms3.0
ISK 21 09:57:25.7, 38.62N, 44.64E, h12km, ML3.0
CSEM 21 09:57:27.0, 0.5, 38.58N, 44.46E, h2km, MD2.9, Error ellipse: s-maj=11.5km s-min=7.2km az=112.0, ISCJB 21 09:57:28.1, 0.8, 38.57N, 0.04, 44.49E, 0.07, h7km, Error ellipse: s-maj=7.9km s-min=6.1km az=24.8,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLDR Caldian, TVAN Van, VYAN Van, etc.

DJA 21 10:22:12.6, 3.9'S, 109'E, h34km, 15km, M3.7/15, mb3.9/1, ML3.6/15, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMUJ Cimerak, UGM Wanagama, WOJI Wonogiri, etc.

ISCJB 21 10:37:15.0, 0.7, 38.66N, 0.04, 13.45E, h20km, 8km, Error ellipse: s-maj=7.4km s-min=4.7km az=36.1
ROM 21 10:37:15.4, 0.2, 38.63N, 13.48E, h12km, 2km, ML3.5/3, Error ellipse: s-maj=3.0km s-min=2.3km az=103.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CORL Corleone, GIB Gibilmanna, IFIL Filicudi I Eol, etc.

21d 11h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TIA, ULN, SONM, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like SCM, XAN, YHNB, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like QIZ, CHKZ, BVAR, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CHTO Chiang Mai, MNAS Manas, POHA Pohakuloa, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FCC Fort Churchill, F03D Payne Creek, SBUM Sibiu, etc.

21d 11h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GEYT Alibeck, GEYT Boulder Array, PDAR Pinedale Array, etc.

CLZ	Clausthal	72.16 336 eP	P	11 42 38.8 +0.5
PVCC	Panska Ves	72.18 333 eP	P	11 42 38.6 +0.2
PVCC	Panska Ves	72.18 333j eP	P	11 42 38.6 +0.2
M38A	Pleasantville	72.20 45 eP	P	11 42 38.0 -0.7
S31A	Mullinville	72.24 52 P	P	11 42 38.5 -0.6
WRAB	Tennant Creek	72.25 196d iP	Pmax	11 42 39.7 +0.6
WRAB	Tennant Creek	72.25 196 pmax	Pmax	11 42 39.0 -0.1
WRAB	Tennant Creek	72.25 196 eP	P	11 42 39.8 +0.7
WRAB	Tennant Creek	72.25 196 eP	P	11 42 39.7 +0.5
WRAB	Tennant Creek	72.25 196 eP	P	11 42 39.7 +0.5
WRA	Warramunga Arr	72.26 196 P	P	11 42 54.4 +0.4
N37A	Lee Faris, Mou	72.27 46 P	P	11 42 38.6 -0.6
ISRV	Sarvestan	72.36 295 eP	P	11 42 38.9 -1.4
P35A	Duane Minner,	72.41 48 P	P	11 42 39.4 -0.6
O36A	Bolkow	72.43 47 P	P	11 42 39.3 -0.7
FITZ	Fitzro, Crossi	72.44 205 eP	P	11 42 41.2 +1.0
R33A	Olander Ranch,	72.44 50 P	P	11 42 39.5 -0.6
S32A	Newby Ranch, P	72.45 51 P	P	11 42 39.6 -0.6
Q34A	Chapman	72.46 49 P	P	11 42 39.8 -0.5
KSU1	Kansas State U	72.47 49 P	P	11 42 39.7 -0.6
KSU1	Kansas State U	72.47 49 eP	P	11 42 39.7 -0.6
MSVF	Nonsavu	72.53 153 eP	Pmax	11 42 43.2 +2.4
MSVF	Nonsavu	72.53 153 eP	Pmax	11 42 43.2 +2.4
MSVF	Nonsavu	72.53 153 eP	P	11 42 43.2 +2.4
GTGG	Gvttingen	72.53 336 eP	P	11 42 40.4 -0.1
DOPR	Dopca	72.54 324 iJP	P	11 42 41.0 +0.4
CJR	Cluj-Napoca	72.56 325 iJP	P	11 42 41.3 +0.5
TIRR	Tirgusor	72.63 321 iJP	P	11 42 40.2 -0.9
TIRR	Tirgusor	72.63 321 iJP	P	11 42 41.0 -0.1
TIRR	Tirgusor	72.63 321 eP	P	11 42 41.0 -0.1
VRAC	Vranov	72.66 331 P	P	11 42 40.9 -0.3
VRAC	Vranov	72.66 331 iJP	P	11 42 41.6 +0.4
VYHS	Vyhne	72.66 329 eP	P	11 42 41.4 +0.1
VYHS	Vyhne	72.66 329 eP	Pmax	11 42 41.4 +0.1
VYHS	Vyhne	72.66 329 eP	P	11 42 41.4 +0.1
VYHS	Vyhne	72.66 329 eP	P	11 42 41.4 +0.1
GOPC	GO Pecny, Ondr	72.67 332 eP	P	11 42 41.4 +0.1
GOPC	GO Pecny, Ondr	72.67 332 eP	P	11 42 41.4 +0.1
PRU	Pruhonic	72.67 332 eP	P	11 42 41.6 +0.3
PRU	Pruhonic	72.67 332 eP	P	11 42 41.6 +0.3
N38A	Joos South For	72.69 46 P	P	11 42 40.9 -0.7
P36A	Good Intent, A	72.72 48 P	P	11 42 41.3 -0.5
MLR	Muntele Rosu	72.73 323 P	P	11 42 41.6 -0.2
MLR	Muntele Rosu	72.73 323 iJP	P	11 42 42.4 +0.5
O37A	Wolven Farm, M	72.78 47 P	P	11 42 41.3 -0.7
IKAZ	Kazeroun	72.78 296 eP	P	11 42 42.5 -0.2
R34A	Isabella, Hill	72.80 50 P	P	11 42 41.7 -0.6
ISR	Istria	72.81 322 iJP	P	11 42 42.8 +0.5
DRGR	Drgr	72.81 326 iJP	P	11 42 41.7 -0.6
PSZ	Piszkesteto	72.81 328 eP	Pmax	11 42 42.3 0.0
PSZ	Piszkesteto	72.81 328 eP	Pmax	11 42 42.3 0.0
PSZ	Piszkesteto	72.81 328 eP	P	11 42 42.2 0.0
T32A	Huddler Ranch,	72.86 52 P	P	11 42 42.0 -0.6
MOX	Moxa	72.91 334 eP	P	11 42 42.7 0.0
N39A	Derby Farms, D	72.95 45 P	P	11 42 42.2 -0.9
TREC	Trest	73.01 331 eP	P	11 42 43.3 0.0
TREC	Trest	73.01 331j eP	P	11 42 43.3 0.0
U31A	Nine Bar Ranch	73.03 53 P	P	11 42 43.0 -0.7
BANOM	Banah	73.11 290 iJP	P	11 42 43.6 -0.7
O38A	Galt	73.12 46 P	P	11 42 43.3 -0.7
Q36A	Arnold C. Orve	73.13 48 P	P	11 42 43.7 -0.4
MSAB	Monastery St. A	73.17 321 iJP	P	11 42 44.8 +0.6
MALT	Malatya	73.22 311 iJP	P	11 42 45.6 +0.8
AMTX	Amarillo	73.25 55 P	P	11 42 44.5 -0.5
AMTX	Amarillo	73.25 55 eP	P	11 42 45.9 +0.9
T33A	Patterson Ranc	73.27 51 P	P	11 42 44.2 -0.7
R35A	Emporia Munci	73.28 49 P	P	11 42 44.5 -0.5
ARR	Arges	73.33 324 iJP	P	11 42 46.1 +0.9
S34A	Willow Spring	73.34 50 P	P	11 42 44.5 -0.9
MSTX	Muleshoe	73.39 56 P	P	11 42 45.5 -0.4
MSTX	Muleshoe	73.39 56 eP	P	11 42 46.6 +0.7
U32A	Winter Ranch,	73.45 52 P	P	11 42 45.5 -0.5
V31A	Spring Creek L	73.50 53 P	P	11 42 45.8 -0.5
CPRX	Cap Rock	73.54 58 eP	P	11 42 47.8 +1.0
ROTZ	Rotzenmuhle	73.54 334 eP	P	11 42 46.7 +0.4
R36A	Gordon, Harris	73.61 49 P	P	11 42 46.4 -0.5
SIRR	Siria	73.64 326 iJP	P	11 42 47.0 +0.1
Q37A	Longview Farm,	73.67 48 P	P	11 42 46.7 -0.5
KHC	Kasperske Hory	73.72 332 eP	Pmax	11 42 47.6 +0.2
KHC	Kasperske Hory	73.72 332j iJP	Pmax	11 42 47.6 +0.2
KHC	Kasperske Hory	73.72 332 eP	P	11 42 47.6 +0.2
KHC	Kasperske Hory	73.72 332 eP	P	11 42 47.6 +0.2
S35A	Otter Creek Ra	73.73 50 P	P	11 42 47.2 -0.5
MNTX	Cornudas Mount	73.75 60 P	P	11 42 47.6 -0.2
MNTX	Cornudas Mount	73.75 60 eP	P	11 42 49.1 +1.3
T34A	McClaskey Farm	73.84 51 P	P	11 42 47.3 -0.9
U33A	Lingo Farm, Me	73.85 52 P	P	11 42 47.9 -0.4
GRF	Grafenberg Arr	73.88 334 eP	P	11 42 48.6 +0.3
GRFO	Grafenberg	73.89 334 eP	Pmax	11 42 48.6 +0.4
GRFO	Grafenberg	73.89 334 eP	Pmax	11 42 48.6 +0.4
GRFO	Grafenberg	73.89 334 eP	P	11 42 48.6 +0.4
UOSS	Wadi Hili	73.90 290 P	P	11 42 47.0 -1.7
UOSS	Wadi Hili	73.90 290 eP	P	11 42 47.8 -0.9
W31A	Holland Ranch,	73.91 54 P	P	11 42 48.0 -0.7
WET	Wetzell	73.91 333 eP	P	11 42 48.8 +0.3
CWF	Charnov Hill	73.93 343 eP	P	11 42 48.7 +0.3

GECC	GERESS Array S	73.94 332 eP	P	11 42 48.5 -0.2
GECC	GERESS Array S	73.94 332 eP	P	11 42 48.6 -0.1
GECC	GERESS Array S	73.94 332 eP	P	11 42 48.5 -0.2
GERES	GERESS Array S	73.94 332 eP	P	11 42 48.4 -0.3
GERES	GERESS Array S	73.94 332 eP	P	11 42 48.4 -0.3
GERES	GERESS Array S	73.94 332 eP	P	11 42 48.4 -0.3
V32A	Arapah	73.94 53 P	P	11 42 48.2 -0.7
GZR	Gura Zlata	73.99 325 iJP	P	11 42 48.6 -0.4
X30A	Coker Ranch, T	74.01 55 P	P	11 42 48.5 -0.8
HATD	Hatta, Dubai	74.03 290 iJP	P	11 42 49.0 -0.5
S36A	Lake Cedric, C	74.05 49 P	P	11 42 49.0 -0.4
CONA	Conrad Observa	74.11 330 iJP	P	11 42 50.0 +0.3
Z28A	Tucker Farm, M	74.12 57 P	P	11 42 49.3 -0.7
U34A	Anderson Ranch	74.13 51 P	P	11 42 49.2 -0.7
U34A	Anderson Ranch	74.13 51 eP	P	11 42 50.3 +0.4
TNS	Taunus Mts	74.14 336 eP	P	11 42 49.8 +0.1
ASHO	Ashlihan	74.18 290 iJP	P	11 42 49.5 -0.9
BZS	Buzias	74.21 326 iJP	P	11 42 49.6 -0.6
V33A	Lossen Ranch,	74.25 52 P	P	11 42 49.8 -0.8
T35A	Sooner Cattle	74.25 50 P	P	11 42 49.7 -0.9
BRTR	Keskin Array B	74.31 315 P	P	11 42 51.0 0.0
BRTR	Keskin Array B	74.31 315 eP	P	11 44 34.7 -0.2
W32A	Sentinel	74.31 53 P	P	11 42 49.9 -1.1
X31A	McDonald Ranch	74.33 54 P	P	11 42 50.1 -0.9
MEM	Membach	74.38 338 P	P	11 42 51.1 0.0
S37A	Fort Scott	74.38 49 P	P	11 42 50.7 -0.6
FAQ	Al Faq, Dubai	74.41 290 iJP	P	11 42 50.6 -1.0
T36A	Boggs Farm, Ca	74.44 50 P	P	11 42 50.6 -1.0
Z29A	Hungry Hill Ra	74.50 56 P	P	11 42 51.3 -0.8
ANTO	Ankara	74.57 315 eP	Pmax	11 42 53.2 +0.8
ANTO	Ankara	74.57 315 eP	Pmax	11 42 53.2 +0.8
ANTO	Ankara	74.57 315 eP	P	11 42 53.2 +0.8
U35A	Pawnee	74.58 51 P	P	11 42 52.1 -0.3
128A	Castleberry Fa	74.59 57 P	P	11 42 51.6 -1.0
BR231	Keskin MP Arra	74.60 315 eP	P	11 42 51.5 -1.1
V34A	Guthrie	74.61 52 P	P	11 42 51.6 -1.1
V34A	Guthrie	74.61 52 eP	P	11 42 51.3 +0.4
HDIL	Hopedale	74.62 43 P	P	11 42 51.7 -0.9
ASUD	Al Ashush, Dub	74.66 290 iJP	P	11 42 52.6 -0.4
MOA	Molin	74.67 331 iJP	P	11 42 52.8 0.0
W33A	Caddo, Fort Co	74.68 53 P	P	11 42 52.0 -1.1
Y31A	Rekieta Farm,	74.71 55 P	P	11 42 52.6 -0.6
PKSM	Moragy	74.72 328 iJP	P	11 42 52.2 -0.8
BLCA	Clavier	74.72 338 P	P	11 42 53.1 +0.1
Z30A	Sanderson Ranch	74.79 56 P	P	11 42 53.0 -0.7
ARSA	Arzberg	74.81 330 iJP	P	11 42 53.5 -0.1
X32A	Elmer	74.84 54 P	P	11 42 53.1 -0.8
WMOK	Wichita Mounta	74.85 53 eP	Pmax	11 42 54.5 +0.5
WMOK	Wichita Mounta	74.85 53 eP	Pmax	11 42 54.5 +0.5
WMOK	Wichita Mounta	74.85 53 eP	P	11 42 54.5 +0.5
T37A	Cheneyville 18	74.85 49 P	P	11 42 52.8 -1.1
SNF	Senefte	74.88 339 P	P	11 42 53.8 0.0
MDVR	Moldovita	74.90 325 iJP	P	11 42 53.6 -0.5
Z28A	Ut Block 9, Ga	74.93 57 P	P	11 42 53.5 -1.0
W34A	Bridge Creek,	74.96 52 P	P	11 42 54.0 -0.6
W34A	Bridge Creek,	74.96 52 eP	P	11 42 55.4 +0.7
V35A	Meyer Ranch, C	75.01 51 P	P	11 42 53.8 -1.1
Y32A	R-V Farms, Ver	75.09 54 P	P	11 42 54.5 -0.9
X33A	Lawton	75.15 53 P	P	11 42 54.6 -1.0
RJOB	Jochberg	75.20 332 eP	P	11 42 56.4 +0.6
FUR	Furstenfeldbru	75.25 333 eP	P	11 42 56.2 +0.2
STU	Stuttgart	75.27 335 eP	P	11 42 55.9 -0.2
Z31A	Shea Cattle R	75.27 55 P	P	11 42 55.4 -1.0
U37A	Salina	75.33 50 P	P	11 42 56.0 -0.7
TUL1	Tulsa	75.40 50 P	P	11 42 56.1 -1.0
TUL1	Tulsa	75.40 50 eP	P	11 42 57.5 +0.5
V36A	Jenks	75.43 51 P	P	11 42 56.4 -0.8
X34A	Smith Ranch, M	75.44 53 P	P	11 42 56.7 -0.5
W35A	Tecumseh	75.47 52 P	P	11 42 56.7 -0.8
SOKA	Soboth	75.48 330 iJP	P	11 42 57.2 -0.1
Y33A	Hilltop Ranch,	75.50 54 P	P	11 42 57.0 -0.7
GROSK	Grobnik	75.52 330 iJP	P	11 42 57.1 -0.5
Z32A	Haskell	75.62 55 P	P	11 42 57.6 -0.7
131A	Roby	75.65 56 P	P	11 42 58.0 -0.5
U38A	Gravette	75.65 49 P	P	11 42 57.6 -0.8
V37A	Hulbert	75.74 50 P	P	11 42 57.9 -1.0
329A	Wagon Wheel Ra	75.74 57 P	P	11 42 58.4 -0.8
OBKA	Obir	75.78 331 iJP	P	11 42 58.9 -0.2
W36A	Wetumka	75.81 51 P	P	11 42 58.3 -1.0
CCM	Cathedral Cave	75.81 46 eP	Pmax	11 42 59.5 +0.2
CCM	Cathedral Cave	75.81 46 eP	Pmax	11 42 59.5 +0.2
CCM	Cathedral Cave	75.81 46 eP	P	11 42 59.5 +0.2
DOB5	Dobrina	75.81 330 iJP	P	11 42 58.5 -0.6
230A	Sterling City	75.89 57 P	P	11 42 59.2 -0.7
BFO	Black Forest	75.91 335 eP	Pmax	11 42 59.4 -0.3
BFO	Black Forest	75.91 335 eP	Pmax	11 42 59.4 -0.3
BFO	Black Forest	75.91 335 eP	P	

21d 12h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like YAK, CLNS, KSRK, and others.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like LZH, HVS, INK, and others.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like J04D, NEW, SRAK, and others.

LOHW	Long Hollow	61.90	55	eP	P	12 36 22.9	+2.0
SNOW	Snow King Moun	61.91	55	eP	P	12 36 22.9	+2.0
REDW	Red T Meadow	61.92	56	eP	P	12 36 22.9	+2.0
AHID	Auburn Hatcher	62.16	56	eP	P	12 36 23.6	+1.1
DMGT	Dagmar	62.24	48	eP	P	12 36 21.6	-1.1
DGMT	Dagmar	62.24	48	eP	P	12 36 23.7	+1.0
R11A	Troy Canyon, C	62.30	63	P	P	12 36 22.6	-1.0
R11A	Troy Canyon, C	62.30	63	eP	P	12 36 24.6	+1.1
LAO	LASA Array	62.34	50	P	P	12 36 22.4	-1.0
LAO	LASA Array	62.34	50	eP	P	12 36 25.0	+1.5
A25A	Svangstu Ranch	62.48	47	P	P	12 36 23.2	-1.2
HWUT	Hardware Ranch	62.62	58	eP	P	12 36 27.0	+1.4
DUG	Dugway	62.79	59	eP	P	12 36 28.2	+1.5
DUG	Dugway	62.79	59	P	P	12 36 25.7	-1.0
DUG	Dugway	62.79	59	eP	P	12 36 28.2	+1.5
DW2	Edwards Air Fo	63.02	67	P	P	12 36 27.8	-0.3
BW06	Boulder Array	63.03	55	eP	P	12 36 29.1	+0.7
PDAR	Pinedale Array	63.03	55	P	P	12 36 29.0	+0.6
NLU	North Lily Min	63.38	59	eP	P	12 36 31.7	+1.0
A27A	Ledoux Ranch,	63.40	46	P	P	12 36 29.6	-0.8
GSCA	Goldstone	63.49	66	P	P	12 36 30.8	-0.5
MTN	Manton Dam	63.53	207	eP	P	12 36 31.8	+0.2
SHPR	Sheep Range	63.74	64	eP	P	12 36 34.5	+1.4
B27A	Peters Farms,	63.76	46	P	P	12 36 31.8	-1.0
KBL	Kabul	63.83	293	eP	P	12 36 34.0	+0.3
KBL	Kabul	63.83	293	eP	P	12 36 34.0	+0.3
SCI	San Clemente I	63.89	69	P	P	12 36 33.4	-0.5
A28A	Rude Farm, Bot	63.91	46	P	P	12 36 32.6	-1.2
TUQ	Turquoise Moun	63.96	65	P	P	12 36 34.0	-0.5
HEC	Hector Ludlow	64.09	66	P	P	12 36 34.6	-0.7
C27A	Saylor Ranch,	64.10	47	P	P	12 36 34.2	-0.8
CCUT	Cedar City	64.16	62	eP	P	12 36 37.6	+1.7
B28A	Dugan Ranch, T	64.17	46	P	P	12 36 34.5	-1.0
MURC	Murrieta	64.34	68	P	P	12 36 36.2	-0.7
A29A	Manning Farm,	64.40	45	P	P	12 36 35.9	-1.1
E26A	Carlson Angus	64.44	49	P	P	12 36 36.5	-0.9
GMRC	Granite Mounta	64.55	66	P	P	12 36 37.5	-0.8
B29A	Wagenman Farm,	64.66	45	P	P	12 36 37.6	-1.1
P18A	Preston Nutter	64.67	58	eP	P	12 36 40.7	+1.4
FINES	FINESS Array B	64.71	336	P	P	12 36 38.6	-0.2
F26A	Lodgepole	64.75	49	P	P	12 36 38.3	-1.1
G25A	Newell	64.80	50	P	P	12 36 38.8	-0.9
K22A	Casper	64.80	54	P	P	12 36 38.7	-1.2
A30A	Hoffart Farm,	64.84	45	P	P	12 36 38.9	-1.0
SRU	San Rafael	64.84	59	eP	P	12 36 41.6	+1.3
SRU	San Rafael	64.84	59	eP	P	12 36 41.5	+1.3
E27A	Carson	64.93	48	P	P	12 36 39.3	-1.2
MDND	Maddock	64.95	46	P	P	12 36 39.5	-1.2
F27A	Lemmon	65.07	49	P	P	12 36 40.3	-1.1
ULM	Lac du Bonnet	65.08	42	P	P	12 36 41.5	+0.1
G26A	Maurine	65.16	50	P	P	12 36 40.9	-1.2
B30A	Myrvik Farm, E	65.16	45	P	P	12 36 40.7	-1.3
RSSD	Black Hills	65.18	51	eP	P	12 36 42.9	+0.4
RSSD	Black Hills	65.18	51	eP	P	12 36 42.9	+0.4
IRM	Iron Mountain	65.27	66	P	P	12 36 42.7	-0.2
E28A	Huff	65.27	48	P	P	12 36 41.6	-1.1
I25A	Rochford	65.41	51	P	P	12 36 42.9	-1.0
G27A	Dupre	65.45	49	P	P	12 36 43.1	-0.8
D29A	Pettibone, Tap	65.49	47	P	P	12 36 43.1	-1.1
O20A	White River Ci	65.50	57	P	P	12 36 43.4	-1.1
O20A	White River Ci	65.50	57	eP	P	12 36 45.2	+0.7
C30A	Mose, Pekin	65.61	46	P	P	12 36 43.7	-1.1
A32A	Rocking H Ranc	65.72	44	P	P	12 36 44.6	-0.9
J25A	Sunshine Ranch	65.80	52	P	P	12 36 45.6	-0.7
E29A	Napoleon	65.81	47	P	P	12 36 45.3	-0.9
H27A	Howes	65.88	50	P	P	12 36 45.9	-0.8
D30A	Buchanan	65.88	46	P	P	12 36 45.7	-0.9
C31A	Landman Farms,	65.91	45	P	P	12 36 46.0	-0.8
Y12C	Blythe	65.93	66	P	P	12 36 46.7	-0.4
B32A	Ashes, Strandq	66.06	44	P	P	12 36 46.6	-1.1
G28A	Parade	66.18	49	P	P	12 36 47.8	-0.9
GLA	Glamis	66.20	67	P	P	12 36 48.7	-0.2
F29A	Eureka	66.22	48	P	P	12 36 48.2	-0.7
E30A	Jud	66.22	47	P	P	12 36 48.2	-0.7
J26A	Sides Ranch, S	66.24	52	P	P	12 36 48.1	-1.0
OBN	Obninsk	66.27	327	eP	P	12 36 48.9	0.0
OBN	Obninsk	12 37 17.4					
OBN	Obninsk	12 39 12.5					
OBN	Obninsk			MLR	MLR		
OBN	Obninsk	66.27	327	eP	P	12 36 48.9	0.0
I27A	Quinn	66.27	50	P	P	12 36 48.5	-0.8
N23A	Red Feather La	66.30	55	P	P	12 36 48.8	-0.9
N23A	Red Feather La	66.30	55	eP	P	12 36 51.3	+1.5
D31A	McClaffin, Tow	66.43	46	P	P	12 36 49.3	-0.8

AGMN	Agassiz Nation	66.45	44	P	P	12 36 49.5	-0.7
AGMN	Agassiz Nation	66.45	44	eP	P	12 36 50.4	+0.2
G29A	Hoven	66.61	48	P	P	12 36 50.8	-0.6
F30A	Leola	66.62	47	P	P	12 36 50.8	-0.7
E31A	Nome	66.69	46	P	P	12 36 51.1	-0.8
WUJZ	Wupatki	66.70	63	P	P	12 36 51.5	-0.8
I28A	Mildred	66.79	50	P	P	12 36 51.6	-0.9
H29A	Onida	66.85	49	P	P	12 36 52.0	-0.9
J27A	Elkhorn Farm,	66.86	51	P	P	12 36 52.3	-0.7
C33A	Trail	66.88	44	P	P	12 36 52.0	-1.0
B34A	Aery, Baudette	66.89	43	P	P	12 36 52.2	-0.9
F31A	Hecla	67.00	47	P	P	12 36 52.9	-0.9
G30A	Faulkton	67.05	48	P	P	12 36 53.5	-0.6
VRH	Novokhopryorsk	67.13	322	eP	P	12 36 57.1	+2.6
VRH	Novokhopryorsk						
VRH	Novokhopryorsk						
J28A	Allard Ranch,	67.15	50	P	P	12 36 53.9	-1.0
ISCO	Idaho Springs	67.22	56	eP	P	12 36 57.0	+1.3
ISCO	Idaho Springs	67.22	56	P	P	12 36 54.5	-1.2
ISCO	Idaho Springs	67.22	56	eP	P	12 36 57.0	+1.3
I29A	Vivian Onida	67.22	49	P	P	12 36 54.2	-1.1
B35A	Bot, Littlefor	67.41	43	P	P	12 36 55.6	-0.8
SUSD	South Dakota S	67.63	48	P	P	12 36 56.8	-1.1
D34A	Park Rapids	67.63	44	P	P	12 36 56.8	-0.9
J29A	Okreek	67.64	50	P	P	12 36 57.1	-0.9
E33A	Westby DABS, E	67.65	45	P	P	12 36 57.0	-0.9
I30A	Oacoma	67.75	49	P	P	12 36 57.6	-1.1
C35A	Jirik Farms, M	67.77	43	P	P	12 36 57.8	-0.9
G32A	Webster	67.80	47	P	P	12 36 57.9	-1.0
H31A	Wolsey	67.85	48	P	P	12 36 58.2	-1.0
S22A	4UR Ranch, Cre	67.91	58	P	P	12 36 59.1	-0.9
S22A	4UR Ranch, Cre	67.91	58	eP	P	12 37 01.4	+1.4
W18A	Petrified Fore	67.96	62	P	P	12 36 59.6	-0.7
F33A	5 Mile Ranch,	67.98	46	P	P	12 36 59.1	-0.9
K29A	Lazy Trails An	68.09	50	P	P	12 36 59.9	-1.0
J30A	Dallas	68.13	50	P	P	12 37 00.1	-0.9
D35A	Remer	68.18	44	P	P	12 37 00.2	-1.0
VSR	Storozhevoje	68.19	323	eP	P	12 37 00.5	-0.7
VSR	Storozhevoje						
VSR	Storozhevoje						
VSR	Storozhevoje						
GEYT	Alibeck	68.20	302	P	P	12 37 02.5	+0.9
JEMG	Emangholi	68.24	302	eP	P	12 37 03.5	+1.3
C36A	Pine Crest Far	68.23	43	P	P	12 37 00.7	-1.0
VORD	Divnogorie	68.33	323	eP	P	12 37 04.0	+2.0
VORD	Divnogorie						
VORD	Divnogorie						
VORD	Divnogorie						
H32A	Carlson Farm,	68.36	48	P	P	12 37 01.4	-1.1
E35A	Pequot Lakes	68.39	44	P	P	12 37 01.4	-1.1
OGNE	Ogallala	68.43	53	P	P	12 37 02.1	-0.9
OGNE	Ogallala	68.43	53	eP	P	12 37 03.8	+0.8
M28A	Bar Bar Ranc	68.48	52	P	P	12 37 02.3	-1.0
L29A	Maesberg Ranch	68.49	51	P	P	12 37 02.3	-1.1
K30A	Bassett	68.52	50	P	P	12 37 02.5	-1.0
D36A	Goodland	68.53	43	P	P	12 37 02.5	-0.9
J31A	Geddes	68.55	49	P	P	12 37 02.8	-0.8
H33A	Prehn Over Nor	68.58	47	P	P	12 37 02.7	-1.1
I32A	Karley and Nic	68.68	48	P	P	12 37 03.6	-0.8
SDCO	Great Sand Dun	68.68	57	P	P	12 37 03.9	-1.0
SDCO	Great Sand Dun	68.68	57	eP	P	12 37 06.2	+1.3
NB2	NORSAR Array B	68.68	342	P	P	12 37 04.0	-0.2
NOA	NORSAR Array B	68.68	342	P	P	12 37 04.2	0.0
ISHV	Shirvan	68.71	302	eP	P	12 37 06.5	+1.6
G34A	Benson	68.73	46	P	P	12 37 03.7	-1.0
F35A	Swanville	68.81	45	P	P	12 37 04.2	-1.0
ISFR	Strayin	68.87	302	eP	P	12 37 07.3	+1.2
N28A	Pribbeno Ranch	68.88	53	P	P	12 37 05.0	-0.8
D37A	Cotton	68.89	43	P	P	12 37 04.5	-1.1
J32A	Parkston	68.95	49	P	P	12 37 05.1	-1.0

21d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O37A Wolves Farm, N38A Joes South For, V31A Spring Creek L, etc.

2010 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 332A Millersview, 431A Sonora, SFIN Schler Farm, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ROTZ Rotzenhulle, LOT Lotru, KHC Kasperske Hory, etc.

NIED 21 12:31:00.23:80N;121:80E, h53km, MWS 6 Best double couple: M2.72000x1017 NP1:265.00000; 823.00000; 1257.00000; NP2:17.00000; 881.00000; 1.69.00000. BKK 121:31:45.4.0.1, 23:85N; 121:57E, h58km, mb5.3/70, MB5.6/53, MB5.9/49, MLV6.0/1, Mw(MB)5.5/49, Mwp6.2/1 BGR 21 12:31:43.0, 24:08N; 122:27E, h33km, mb5.5, M5.3 JMA 21 12:31:44.7-0.1, 23:83N; 121:69E, h45km, mb5.9 JMA Felt I, JT MOS 21 12:31:44.2, 23:94N; 121:74E, h54km, mb5.7/90, M5.0/56, Error ellipse: s-maj=6.4km s-min=4.4km 109.4 TAP 21 12:31:45.6, 23:85N; 121:69E, h47km, ML6.1, B BUI 21 12:31:45.5, 23:95N; 121:57E, h58km, mb5.3/70, MB5.6/55, ML5.8/12, M5.5/81, M5.7 5/275 NEIC 21 12:31:45.4.0.1, 23:83N; 121:66E, h47km, mb5.6/203, M5.1/123, MWS5.6, MWS5.6, Error ellipse: s-maj=3.5km s-min=2.9km az=119.0, Moment Tensor Solution. s15 Moment tensor: Scale 1017Nm; Mr=0.33; Mw=0.20; Mv=0.14; Mh=0.34; Mv=0.72; Mv=2.96; Best double couple: M3.10000x1017 NP1:265.00000; 887.00000; 1.77.00000; NP2:17.00000; 881.00000; 1.67.00000; Principal axes: T 0.900, Plg47.0000; Azm264.0000; N -0.0100, Plg13.0000; Azm8.0000; P -3.0700, Plg40.0000; Azm110.0000; Moment Tensor Solution. s27 Moment tensor: Scale 1017 Nm; Mr=1.16; Mw=0.32; Mv=1.48; Mh=0.03; Mv=0.33; Mv=2.77; Best double couple: M3.10000x1017 NP1:265.00000; 887.00000; 1.77.00000; NP2:17.00000; 881.00000; 1.67.00000; Principal axes: T 2.9200, Plg57.0000; Azm264.0000; N 0.3400, Plg5.0000; Azm2.0000; P -3.2500, Plg32.0000; Azm96.0000; NEIC Felt [IV] at Hsin-chu, [III] at Kao-hsiung, Tai-chung, Tai-nan, Taipei and Ping-tung, [II] at Ping-tung, Felt in much of Taiwan, Felt [III] at Xiamen, Fujian, Also felt at Putian. Recorded [5 TAP] in Hua-lien; [4 TAP] in Chang-hua, Chia-i, Han, Tai-chung, Tai-tung and Yun-lin; [3 TAP] in Kao-hsiung, Miao-li, Nan-tou and Tai-nan; [2 TAP] in Hsin-chu, Peng-hu, Ping-tung, Tai-pai and Tao-yuan. Recorded [1 JMA] at Hateruma-jima, Iriomote-jima, Ishigaki-jima and Yonaguni-jima, Ryukyu Islands. GCMT 21 12:31:45.4.0.1, 23:83N; 121:62E, h59km, mb5.1km, MWS5.1/11, Moment Tensor Solution. s91, c166; s11, c245; Duration: 1.1; Moment tensor: Scale 1017 Nm; Mr=0.54; Mv=0.33; Mw=0.24; Mh=0.24; Mv=0.24; Mv=0.24; Mv=0.95; Mv=0.2; Mv=2.18; 0.1; Best double couple: M2.44100x1017 NP1:265.00000; 883.00000; 1.68.00000; NP2:17.00000; 881.00000; 1.67.00000; Principal axes: T 2.4250, Plg48.0000; Azm257.0000; N 0.0330, Plg22.0000; Azm13.0000; P -2.4570, Plg34.0000; Azm118.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. ISCJB 21 12:31:45.2.0.1, 23:83N; 121:72E; 0:01, h60km, mb5.5/379, M5.5, 1/176 Error ellipse: s-maj=7.8km s-min=1.5km az=42.8 IDC 21 12:31:46.6.1.4, 23:89N; 121:79E, h65km, mb4.8/43,

mb1 4.8/46, mb1mx4.8/52, mbtmp5.0/46, MS4.9/27, Ms1 4.9/27, ms1mx4.9/34, Error ellipse: s-maj=11.5km s-min=7.9km az=55.0

ISC 21 12:31:45.6-0.2, 23.88N, 0.02-121.72E, 0.02, h51km, 1km, h51km; p-P, n1163, e1947/1300, mb5.6/390, MSS.1/177, 110C-85D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HWA, ESF, TWD, TEGC, etc.

Main data table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TWY, WSF, WSF, ECL, CHN3, CHN8, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WHN, WHN, WHN, GGP, GOP, KSHUK, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Kiev, Didziasalis, Malin Array Si, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WRAK, WRAK, WRAK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like VRAC, VRAC, VRAC, etc.

21d 12h

21d 12h

TANN	comp=Z,39nm,1.7s,baz=59,slow=5.1	eS	P	12 54 22.1	-2.0
GE2C	GERESS Array S 83.39 321 eP	P	P	12 44 07.4	-0.1
GE2C	GERESS Array S 83.39 321 eP	P	P	12 44 07.4	-0.8
GE2C	comp=Z,30nm,1.1s,baz=59,slow=5.1	eS	P	12 54 23.3	-1.6
GE2C	GERESS Array S 83.39 321 eP	P	P	12 44 07.4	-0.1
GERES	GERESS Array B 83.39 321 P	P	P	12 44 07.0	-0.5
PYL	PYLOS 83.49 307 P	P	P	12 44 05.8	-2.3
PYL	PYLOS 83.49 307 P	P	P	12 44 05.8	-2.3
MOA	Molin 83.53 320 fP	P	P	12 44 08.1	-0.2
NRDL	comp=Z,29nm,0.8s,SNR=13	eS	P	12 44 06.9	-1.1
NRDL	Niedersack Erl 83.55 320 eP	P	P	12 44 06.9	-1.1
NRDL	comp=Z,54nm,1.8s,baz=59,slow=5.1	eS	S	12 54 23.4	-2.5
PERS	Pernice 83.60 318 iP	P	P	12 44 08.0	-0.6
SOKA	Sothob 83.63 318 iP	P	P	12 44 08.4	-0.5
MOX	Moxa 83.68 323 eP	P	P	12 44 08.0	-0.8
MOX	comp=Z,27nm,1.4s,baz=59,slow=5.1	eS	S	12 54 25.7	-1.8
MOX	baz=60,slow=10	eL	L	13 25 08.9	
WET	Wetzell 83.72 321 eP	P	L	12 44 08.6	-0.5
WET	comp=Z,26nm,1.4s,baz=59,slow=5.1	eS	S	12 54 26.1	-1.9
CLZ	Claustha 83.75 324 eP	P	P	12 44 08.8	-0.4
CLZ	comp=Z,61nm,1.4s,baz=59,slow=5.1	eS	S	12 54 26.3	-1.9
ROTZ	Rotzenmuhl 83.79 322 eP	P	P	12 44 09.1	-0.4
ROTZ	comp=Z,40nm,1.3s,baz=59,slow=5.1	eS	S	12 54 28.6	0.0
GTGG	Gvttingen 84.11 324 eP	P	P	12 44 10.4	-0.7
GTGG	comp=Z,43nm,1.5s,baz=59,slow=5.1	eS	S	12 54 30.7	-1.1
ABPO	Ambohimpanom 84.20 246 eP	P	P	12 44 12.2	0.0
ABPO	comp=Z,154nm,0.8s	MLR	MLR		
ABPO	comp=Z,449nm,22.0s	MLR	MLR		
ABPO	Ambohimpanom 84.20 246 P	P	P	12 44 12.9	+0.7
ABPO	comp=Z,317nm,0.8s,SNR=15	eS	P	12 44 12.2	0.0
ABPO	Ambohimpanom 84.20 246 eP	P	P	12 44 12.2	0.0
ABPO	comp=Z,154nm,0.8s	LR	LR		
ABPO	comp=Z,449nm,22.0s	LR	LR		
LJU	Ljubljana 84.24 318 iP	P	P	12 44 11.3	-0.6
GRF	Grafenberg Arr 84.38 322 eP	P	P	12 44 12.0	-0.4
GRF	comp=Z,57nm,1.4s,baz=59,slow=5.1	eS	S	12 54 32.0	-2.6
GRF	baz=60,slow=10	eL	L	13 25 11.5	
GRFO	Grafenberg 84.38 322 eP	P	P	12 44 12.7	+0.2
GRFO	comp=Z,42nm,1.2s	MLR	MLR		
GRFO	Grafenberg 84.38 322 eP	P	P	12 44 12.7	+0.2
GRFO	comp=Z,42nm,1.2s	MLR	MLR		
RJOB	Jochberg 84.46 320 eP	P	P	12 44 12.2	-0.8
RJOB	comp=Z,30nm,1.0s,baz=59,slow=5.1	eS	S	12 54 33.1	-2.5
MYKA	Terra Mystica 84.50 319 iP	P	P	12 44 11.8	-1.4
CADS	Cadrg 84.63 318 iP	P	P	12 44 12.6	-1.3
IBBN	Ibbenburen 84.87 326 eP	P	P	12 44 14.1	-0.7
TRI	Trieste 84.87 318 eP	P	P	12 44 14.3	-0.7
TRI	comp=Z,58nm,1.3s	MLR	MLR		
TRI	Trieste 84.87 318 eP	P	P	12 44 14.3	-0.7
TRI	comp=Z,58nm,1.3s	MLR	MLR		
ABTA	Abfaltersbach 85.11 319 iP	P	P	12 44 14.9	-1.5
FUR	Furstenfeldbr 85.13 321 eP	P	P	12 44 15.8	-0.4
FUR	comp=Z,72nm,1.1s,baz=59,slow=5.1	eS	S	12 54 39.8	-2.3
FUR	WATER 85.37 320 iP	P	P	12 44 16.9	-0.8
FUR	Walderalm 85.37 320 iP	P	P	12 44 16.9	-0.8
WTTA	Wattenberg 85.38 320 iP	P	P	12 44 16.8	-0.9
WTTA	comp=Z,31nm,1.0s,SNR=6.0	eS	P	12 44 18.9	+0.5
KMBO	Kilima Mbo 85.39 267 P	P	P	12 44 18.9	+0.5
KMBO	comp=Z,24nm,1.0s,baz=48,slow=6.2,SNR=48	LR	LR		
KMBO	comp=Z,409nm,21.7s,baz=90,slow=35	LR	LR		
KMBO	Kilima Mbo 85.39 267 P	P	P	12 44 19.6	+1.1
KMBO	SNR=19	P	P	12 44 19.4	+1.0
BUG	Bochum-Univers 85.60 325 eP	P	P	12 44 17.6	-0.8
BUG	comp=Z,74nm,1.5s,baz=59,slow=5.1	eS	S	12 54 45.3	-1.1
BUG	baz=60,slow=10	eL	L	12 44 18.1	-0.7
TNS	Tanus Mts 85.63 324 eP	P	P	12 44 18.1	-0.7
TNS	comp=Z,24nm,1.4s,baz=59,slow=5.1	eS	S	12 54 46.1	-1.0
MOTA	Moosalm 85.65 320 iP	P	P	12 44 17.8	-1.3
STU	Stuttgar 85.99 322 eP	P	P	12 44 19.4	-1.1
STU	comp=Z,122nm,2.3s,baz=59,slow=5.1	eS	S	12 54 49.3	-1.3
TIP	Timpagrande 86.01 311 iP	P	P	12 44 20.3	-0.6
TIP	Timpagrande 86.01 311 iP	P	P	12 44 20.9	0.0
TIP	comp=Z,26nm,1.2s	LR	LR		
FETA	Feichten 86.03 320 iP	P	P	12 44 19.9	-1.0
FETA	comp=Z,6nm,1.1s,SNR=5.5	eS	P	12 44 22.4	+0.2
CUC	Castroccucco 86.28 312 eP	P	P	12 44 20.6	-2.1
CUC	comp=Z,18nm,1.1s	LR	LR		
DAVA	Damuels 86.39 321 iP	P	P	12 44 20.6	-2.1
DAVA	comp=Z,17nm,1.3s	LR	LR		
FUORN	Ofenpass-Fuorn 86.51 320 eP	P	P	12 44 22.9	-0.6
FUORN	comp=Z,49nm,1.3s	LR	LR		
DAVOX	Davos/Dischmat 86.65 320 P	P	P	12 44 23.8	-0.4
DAVOX	comp=Z,6.2nm,0.5s,baz=309,slow=8.4,SNR=9.4	eS	P	12 44 24.8	+0.6
BFO	Black Forest 86.72 322 eP	P	P	12 44 24.8	+0.6
BFO	comp=Z,31nm,1.5s	MLR	MLR		
BFO	comp=Z,1um,21.0s	MLR	MLR		
BFO	Black Forest 86.72 322 eP	P	P	12 44 23.5	-0.7
BFO	comp=Z,53nm,1.9s,baz=59,slow=5.1	eS	S	12 54 55.2	-2.4
BFO	baz=60,slow=10	eL	L	12 44 24.8	+0.6
BFO	Black Forest 86.72 322 eP	P	P	12 44 24.8	+0.6
BFO	comp=Z,31nm,1.5s	LR	LR		
MEM	Membach 86.72 325 P	P	P	12 44 24.3	+0.3
TUE	Stuetta 87.13 320 eP	P	P	12 44 27.1	+0.7
TUE	comp=Z,35nm,1.3s	LR	LR		
BORG	Borgarnes 87.14 345 PFAKE	LR	LR	12 44 40.0	+1.4
BORG	comp=Z,1um,22.0s	LR	LR		
BORG	comp=Z,1um,20.0s	LR	LR		
WLF	Waferdange 87.18 324 P	P	P	12 44 26.5	+0.2
WLF	comp=Z,34nm,1.5s	MLR	MLR		
WLF	Waferdange 87.18 324 eP	P	P	12 44 26.5	+0.2
WLF	comp=Z,38nm,1.0s	MLR	MLR		
WLF	comp=Z,994nm,21.0s	MLR	MLR		
WLF	Waferdange 87.18 324 eP	P	P	12 44 25.8	-0.5
WLF	comp=Z,57nm,1.2s,baz=59,slow=5.1	eS	S	12 55 00.3	-1.7
WLF	baz=60,slow=10	eL	L	12 44 26.5	+0.2
WLF	Waferdange 87.18 324 eP	P	P	12 44 26.5	+0.2
WLF	comp=Z,38nm,1.0s	LR	LR		
BCLA	Clavier 87.20 325 P	P	P	12 44 26.7	+0.3
PGC	Sidney 87.34 37 eP	P	P	12 44 28.2	+1.2

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OSR	comp=Z,43nm,0.9s	87.69 38 P	P	12 44 31.1	+2.2
VLC	Olympics-Salm Villacollemand	87.72 318 LR	LR	12 44 40.0	+1.1
DLOU	comp=Z,487nm,21.0s	87.76 325 P	P	12 44 28.5	-0.5
DLWC	Dourbes 87.80 38 eP	P	P	12 44 29.1	-0.2
DLWC	Neillon Lookou comp=Z,424nm,2.3s	87.80 38 eP	P	12 44 29.1	-0.2
NLWA	comp=Z,658nm,20.0s	87.89 36 eP	P	12 44 30.5	+0.8
A05A	Maple Falls 87.89 36 eP	P	P	12 44 30.5	+0.8
MBW	Mount Baker 88.11 36 P	P	P	12 44 32.2	+1.2
CMK	Cultus Mountain 88.20 37 P	P	P	12 44 33.0	+1.6
EMW	Eschleimur Ar 88.21 332 P	P	P	12 44 29.6	-1.5
EMW	comp=Z,2.1nm,0.8s,baz=35,slow=3.9,SNR=6.2	88.21 332 P	P	12 44 29.6	-1.5
ESK	Eskdaleimur 88.24 332 PFAKE	LR	LR	12 44 40.0	+8.8
ESK	comp=Z,2um,21.0s	88.24 332 PFAKE	LR	12 44 40.0	+8.8
SENI	Lac Senin/Sane 88.38 321 eP	P	P	12 44 31.7	-0.7
JCW	Jim Creek 88.43 37 P	P	P	12 44 33.9	+1.5
E03A	Lebam 88.44 39 eP	P	P	12 44 34.1	+1.7
B06A	Marblemount 88.49 36 eP	P	P	12 44 33.9	+1.3
F03A	Seaside 88.79 39 eP	P	P	12 44 35.8	+1.7
D05A	comp=Z,85nm,1.0s	88.97 38 eP	P	12 44 37.0	+2.1
D05A	Ernstclaw 88.97 38 eP	P	P	12 44 37.0	+2.1
WDD	Wield Dalam 89.14 309 PFAKE	LR	LR	12 44 50.0	+1.4
WDD	comp=Z,146nm,1.3s	89.14 309 PFAKE	LR	12 44 50.0	+1.4
CLTB	Cattabellotta 89.22 311 PFAKE	LR	LR	12 44 50.0	+1.4
CLTB	comp=Z,320nm,20.0s	89.22 311 PFAKE	LR	12 44 50.0	+1.4
OBSR	Observation Ro 89.24 38 P	P	P	12 44 38.1	+1.7
RCM	Mount Rainier 89.32 38 P	P	P	12 44 38.5	+1.5
TDL	Tradelollar La 89.32 38 P	P	P	12 44 38.1	+1.4
LOL	Longmire 89.33 38 eP	P	P	12 44 37.7	+1.1
LOL	comp=Z,48nm,1.0s	89.33 38 eP	P	12 44 37.7	+1.1
LOL	Longme 89.33 38 eP	P	P	12 44 37.7	+1.1
FL2	Flat Top 2 89.33 39 P	P	P	12 44 38.7	+2.0
STD	Studebaker Rid 89.38 39 P	P	P	12 44 38.7	+1.7
F04A	Amboy 89.44 39 eP	P	P	12 44 38.5	+1.4
BNI	Bardonecchia 89.47 320 eP	P	P	12 44 36.1	-1.3
BNI	comp=Z,30nm,1.2s	89.47 320 eP	P	12 44 36.1	-1.3
BNI	comp=Z,2um,22.0s	89.47 320 eP	P	12 44 36.1	-1.3
BNI	Bardonecchia 89.47 320 eP	P	P	12 44 36.1	-1.3
BNI	comp=Z,30nm,1.2s	89.47 320 eP	P	12 44 36.1	-1.3
EDM	Edmonton 89.62 30 eP	P	P	12 44 38.9	+1.0
EDM	comp=Z,73nm,1.1s	89.62 30 eP	P	12 44 38.9	+1.0
EDM	Edmonton 89.62 30 eP	P	P	12 44 38.9	+1.0
EDM	comp=Z,73nm,1.1s	89.62 30 eP	P	12 44 38.9	+1.0
ETW	Entiat 89.65 37 eP	P	P	12 44 39.4	+1.2
LYT	Liberty 89.67 37 eP	P	P	12 44 39.3	+1.1
COR	Corvallis 89.69 40 eP	P	P	12 44 40.3	+2.1
COR	comp=Z,76nm,1.0s	89.69 40 eP	P	12 44 40.3	+2.1
B08A	Colville Reser 89.74 36 eP	P	P	12 44 39.6	+1.1
B08A	comp=Z,76nm,1.0s	89.74 36 eP	P	12 44 39.6	+1.1
TBM	Table Mountain 89.76 37 P	P	P	12 44 40.0	+1.4
KEBM	Edson Butte 90.01 42 eP	P	P	12 44 42.2	+2.3
H04A	Detroit Lake 90.29 40 eP	P	P	12 44 42.6	+1.4
H04A	comp=Z,40nm,1.2s	90.29 40 eP	P	12 44 42.6	+1.4
G05D	Wamic, OR 90.47 39 S	P	P	12 44 47.2	+5.2
G05D	baz=1.8	90.47 39 S	P	12 44 47.2	+5.2
E07A	Sunnyside 90.53 37 eP	P	P	12 44 43.8	+1.6
E07A	comp=Z,65nm,1.2s	90.53 37 eP	P	12 44 43.8	+1.6
MDW	Midway 90.55 37 P	P	P	12 44 44.2	+1.9
MDW	Midway 90.55 37 P	P	P	12 44 44.2	+1.9
SSB	Saint Sauveur 90.58 321 eP	P	P	12 44 42.2	-0.3
SSB	comp=Z,304nm,3.0s				

21d 14h

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

NEERS 21 13:23:15.3, 66.98N, 173.31W, h0km, Felt l=III MSK at Neshkan(17km)
NEIC 21 13:23:19.9, 0.6, 66.98N, 171.46W, h10km, mb4.6/1, ML4.0(AEIC), Error ellipse: s-maj=14.7km s-min=9.0km az=9.0

ISC 21 13:23:18.9, 1.5, 66.98N, 0.09, 171.7W, 0.1, h10km, n14, r181B,14, Near north coast of eastern Siberia

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

ISK 21 13:33:07.8, 39.68N, 29.55E, h5km, MD2.6
ISCJB 21 13:33:08.0, 5, 39.68N, 0.03, 29.47E, 0.04, h0km, Error ellipse: s-maj=4.5km s-min=3.8km az=177.6
DDA 21 13:33:08.4, 39.68N, 29.50E, h7km, MD2.8
CSEM 21 13:33:08.0, 2, 39.67N, 29.49E, h2km, MD2.6, Error ellipse: s-maj=5.1km s-min=3.9km az=108.0, Mining explosion.

ISC 21 13:33:08.0, 8, 39.69N, 0.03, 29.48E, 0.03, h0km, n26, r095A/0, Turkey

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

ISC 21 13:34:50.5, 3.8, 21.71S, 176.37W, h149km, 41km, mb3.0/3, mb1 3.4/5, mb1mx3.2/38, mbtmsp3.8/5, Error ellipse: s-maj=58.9km s-min=24.3km az=131.0, Fiji Islands region

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

KRNET 21 13:49:24.1, 0.1, 39.77N, 73.11E, mb3.7
NCC 21 13:49:31.8, 1.7, 40.42N, 73.10E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=15.1km s-min=10.7km az=169.0
ISC 21 13:49:27.2, 2.4, 40.1N, 0.1, 73.12E, 0.05, h10km, n25, r150A/38, 25C-8D, Kyrgyzstan

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

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

DJA 21 13:54:01.7, 0.9, 7.9S, 7.11E, h55km, 10km, M3.6/8, MLV3.6/8, Jawa

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

ISC 21 13:57:50.5, 1.6, 15.76S, 174.11W, h146km, 16km, mb3.4/7, mb1 3.7/8, mb1mx3.5/33, mbtmsp3.9/8, Tonga Islands

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

ISCJB 21 14:00:15.8, 0.5, 11.52N, 0.04, 125.94E, 0.05, h33km, mb3.8/16, MS3.4/6, Error ellipse: s-maj=7.7km s-min=4.8km az=22.1

MAN 21 14:00:16.1, 11.49N, 125.86E, h22km, mb5.1, ML4.0, MS4.2
ISC 21 14:00:16.4, 3.0, 11.36N, 125.93E, h32km, 21km, mb3.7/16, mb1 3.8/16, mb1mx3.7/35, mbtmsp3.9/16, MS3.3/7, Ms1 3.3/7, mb1mx3.0/39, Error ellipse: s-maj=26.7km s-min=12.8km az=76.0

ISC 21 14:00:17.0, 0.6, 11.46N, 0.04, 125.81E, 0.06, h33km, n48, r193T/43, mb3.9/16, MS3.3/6, 1C-4D, Samar

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

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

MEX 21 14:03:22.8, 0.7, 20.47N, 105.28W, h46km, 9km, MD3.5, Near coast of Jalisco

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

ISC 21 14:09:25.7, 1.6, 10.85N, 125.01E, h0km, mb3.2/4, mb1 3.3/4, mb1mx3.2/47, mbtmsp3.2/4, Error ellipse: s-maj=194.2km s-min=20.9km az=69.0

ISCJB 21 14:09:28.9, 1.0, 10.6N, 0.1, 124.4E, 0.1, h33km, mb3.2/4, Error ellipse: s-maj=20.9km s-min=11.1km az=32.3

ISC 21 14:09:31.0, 1.2, 10.7N, 0.1, 124.5E, 0.2, h35km, n8, r066B/6, mb3.3/4, 1D, Leyte

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

ISC 21 14:17:16.4, 2.0, 11.26N, 125.88E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.2/42, mbtmsp3.2/4, Error ellipse: s-maj=86.5km s-min=22.6km az=58.0

MAN 21 14:17:22.1, 30N, 125.74E, h1km, mb4.9, ML3.8, MS3.8
ISC 21 14:17:20.8, 1.3, 11.44N, 0.06, 125.84E, 0.09, h33km, n13, r194D/13, mb3.0/4, 1C-1D, Samar

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

MOS 21 14:18:09.7, 1.9, 49.65N, 156.98E, h15km, mb4.2/1, Error ellipse: s-maj=50.1km s-min=9.5km az=84.0

KRSC 21 14:18:09.8, 1.1, 49.65N, 156.98E, h15km, 14km, ML4.1, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asacha, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DSL Palaion Diasel, EVR Evrytania, THAL Thaler, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DSZ, FOZ, BSWZ, NNZ, JCS, WKZ, EARN, etc.

ADC 21 14:22:24.6:1.4, 37.46N:20.33E, h0km, mb3.6/6, mb1 3.5/10, mb1mx3.4/49, mbtmp3.5/10, ML2.3, Error ellipse: s-maj=28.1km s-min=19.8km az=115.0

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

DDA 21 14:30:28.8, 38.84N:26.32E, h23km, Md3.0, CSEM 21 14:30:29.3:0.1, 38.83N:26.30E, h10km, ML2.3, Error ellipse: s-maj=2.4km s-min=1.7km az=70.0

CSEM 21 14:22:27.4:0.3, 37.40N:20.36E, h22km, 1km, ML3.4, ATH 21 14:22:28.2, 37.40N:20.40E, h0km, 2km, ML3.6/6, Error ellipse: s-maj=3.6km s-min=1.2km az=237.0

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRTR, AKAS, HFS, FINES, TORD, KURB, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GONE, GONE, KNL, SMTH, SMTH, APE, APE, DURS, DURS, etc.

WEL 21 14:30:21.1:0.1, 43.60S:172.34E, h5km, ML3.7/16, 7C, 2D, Error ellipse: s-maj=0.7km s-min=0.6km az=0.0, South Island

ISCJB 21 14:31:15.8:0.8, 31.39N:0.05:130.5E:0.1, h151km, 5km, mb3.0/2, Error ellipse: s-maj=14.6km s-min=7.5km az=13.5

DC 21 14:31:15.3:5.0, 31.40N:130.13E, h142km, 144km, mb2.9/2, mb1 3.2/3, mb1mx2.8/46, mbtmp3.4/3, ML3.7/11, Error ellipse: s-maj=224.3km s-min=50.1km az=148.0

JMA 21 14:31:17.4:0.1, 31.42N:130.51E, h148km, 1km, M2.7

ISC 21 14:31:16.5:1.2, 31.40N:0.06:130.44E:0.09, h150km, 7km, n12, t102/21, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UGL, BVAR, BRVK, MA2, SEY, AAK, JUN, BILL, AKASG, NOA, ILAR, CLL, WRA, MAW, etc.

ISCJB 21 14:39:05.4, 0.6, 56.96S, 0.08, 141.4W, 0.2, h10km, mb4.0/8, MS4.5/14, Error ellipse: s-maj=18.5km s-min=12.0km az=175.7

NEIC 21 14:39:07.0, 0.6, 56.95S, 141.33W, h10km, mb4.5/3, Error ellipse: s-maj=23.8km s-min=18.6km az=185.0

GCMT 21 14:39:07.0, 1.5, 57.07S, 141.20W, h2km, MW5.5/106, Moment Tensor Solution, s=2, c153, s106, c184

ISC 21 14:39:07.0, 0.6, 56.95S, 0.10, 141.3W, 0.2, h10km, n48, e148/22, mb4.0/8, MS4.5/14, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Vnda, RPZ, URZ, QSPA, QSPA, TBI, TBI, TBI, RKT, RKT, MEH, TAVO, PAE, PPT2, PPT2, TIAR, PPT, SNA, SNA, DZM, MAW, MAW, CFAA, CPUP, LPAZ, LPAZ, ASAR, ASAR, H01W, H01W, WRA, WRA, WRAB, BDFB, H06E1, ROSC, TXAR, BOSA, NVAR, H10S3, H10S2, H10S1, H10N3, H10N1, H10N2, ILAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, TORD, ESCD, MKAR, MKAR, ZALV, ZALV, BRTR.

IDC 21 14:49:01.5, 1.1, 36.40N, 141.46E, h0km, mb3.3/5, mb1.3/5.7, mb1mx3.4/32, mbmt3.3/7, ML3.1/2, Error ellipse: s-maj=29.1km s-min=22.5km az=87.0

JMA 21 14:49:06.4, 0.1, 36.55N, 141.18E, h4km, 2km, M3.0, ISC 21 14:49:04.5, 1.1, 36.52N, 0.06, 141.30E, 0.09, h2km, 5km, n23, o885/25, mb3.4/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHO, JHO, ONAJ, ONAJ, JFK, JYK, JYK, JFT, JFT, JMM, JMM, JAG, JAG, JFY, JFY, MJAR, MJAR, MJAR, MJAR, MAT, MAT, ASAJ, ASAJ, ASAJ, USRK, USRK, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, SONM, SONM, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, KURBB, KURBB, ILAR, ILAR, WRA, WRA, ASAR, ASAR.

IDC 21 15:10:30.4, 1.4, 44.30N, 11.25E, h0km, mb3.7/2, mb1.3/6.6, mb1mx3.5/30, mbmt3.5/6, ML3.4/4, MS2.8/1, Ms1.2/8.1, ms1mx2.4/32, Error ellipse: s-maj=4.2km s-min=15.2km az=111.0

CSEM 21 15:10:32.7, 0.1, 44.51N, 10.98E, h12km, ML3.9/16, Error ellipse: s-maj=2.2km s-min=1.9km az=132.0

GEN 21 15:10:32.7, 44.49N, 11.07E, h17km, ML3.5, VIE 21 15:10:32.5, 0.3, 44.43N, 11.09E, h10km, mb3.1/15, mb3.8/17, Error ellipse: s-maj=2.9km s-min=1.8km az=145.0

STR 21 15:10:32.8, 0.2, 44.25N, 10.57E, h5km, M13.9, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 21 15:10:32.5, 0.1, 44.61N, 11.05E, h2km, M13.8/27, Error ellipse: s-maj=2.8km s-min=2.3km az=6.0

ISCJB 21 15:10:33.9, 0.2, 44.52N, 0.01, 10.92E, 0.02, h33km, 2km, mb3.7/2, Error ellipse: s-maj=2.4km s-min=1.8km az=152.3

BGR 21 15:10:34.5, 0.7, 44.50N, 10.86E, h10km, ML3.9/8, Error ellipse: s-maj=10.0km s-min=6.7km az=114.0

ROM 21 15:10:34.4, 0.1, 44.46N, 10.90E, h26km, 1km, M13.4/32, Error ellipse: s-maj=2.0km s-min=1.5km az=14.0

PRU 21 15:10:35.2, 44.44N, 11.10E, h28km, BNS 21 15:10:37.3, 0.3, 44.71N, 10.76E, h10km, ML3.2, ISC 21 15:10:33.9, 0.2, 44.53N, 0.01, 10.87E, 0.02, h27km, 6km, n324, e146/27, 18c-11D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZCCA, ZCCA, ZCCA, NOVE, NOVE, NOVE, ERBM, ERBM, ERBM, MTRZ, MTRZ, FIU, FIU, PRMA, PRMA, PRMA, POPM, POPM, BDI, BDI, ERBM, ERBM, VLC, VLC, VLC, GRAM, GRAM, SEI, SEI, SEI, BACM, BACM, BACM, VINC, VINC, IMOL, IMOL, MAIM, MAIM, MAIM, CRMI, CRMI, CRMI, CRMI, CODM, CODM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFI, SFI, ADRI, ADRI, ADRI, SC2M, SC2M, ASQU, ASQU, MSSA, MSSA, MSA, MSA, TEOL, TEOL, BOB, BOB, BOB, CTSL, CTSL, MARN, MARN, MARN, MARN, BALD, BALD, BALD, CRE, CRE, CRE, MAGA, MAGA, SASS, SASS, SASS, DDS, DDS, DDS, CAFI, CAFI, CAFI, RNI, RNI, RNI, MDI, MDI, MDI, ATPC, ATPC, ATPC, MTLO, MTLO, MTLO, PANI, PANI, PANI, PIEI, PIEI, PIEI, AVTO, AVTO, AVTO, FSSB, FSSB, FSSB, ATTE, ATTE, ATTE, CASP, CASP, CASP, MURB, MURB, MURB, QLNO, QLNO, QLNO, CAE, CAE, CAE, FINB, FINB, POLC, POLC, AGOR, AGOR, KOSI, KOSI, KOSI, CSO, CSO, CSO, MLNI, MLNI, MLNI, CIMO, CIMO, CIMO, MIOSI, MIOSI, MIOSI, RUORN, RUORN, RUORN, AFL, AFL, AFL, TSTU, TSTU, TSTU, ABSI, ABSI, ABSI, MPRI, MPRI, MPRI, BUA, BUA, BUA, CSMI, CSMI, CSMI, TRI, TRI, TRI, COLI, COLI, COLI, BADI, BADI, BADI, AD, AD, AD, PGF, PGF, PGF, TSTU, TSTU, TSTU, PGF, PGF, PGF, FUSE, FUSE, FUSE, SABO, SABO, SABO, VINO, VINO, VINO, ROSI, ROSI, ROSI, SKDS, SKDS, SKDS, SKDS, SKDS, SKDS, FETA, FETA, FETA, FETA, FETA, FETA, ABTA, ABTA, ABTA, ABTA, ABTA, ABTA, ZOU, ZOU, ZOU.

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IDMV	comp=E,76µm,0.2s	e			15 59 10.4
IDMV	comp=Z,67µm,0.2s	e			15 59 10.5
IDMV	comp=N,94µm,0.1s				
IDMV	Damavand	0.93 328 Pg	Pb		15 58 55.3 -0.1
IDMV		Sg	Sb		15 59 09.0 +0.9
IDMV	Damavand	0.93 328 Pg	Pb		15 58 55.3 -0.1
IDMV		Sg	Sb		15 59 09.0 +0.9
IDMV	Damavand	1.00 327 ePg	Pb		15 59 56.3 +0.3
IDMV		AML	AML		15 59 11.9
DAMV	comp=E,12µm,0.7s				
DAMV	Damavand	1.00 327 ePg	Pb		15 58 56.3 +0.3
DAMV		eSg	Sb		15 59 10.0 -0.1
ISHM	Shahmirzad	1.15 28 ePg	Pb		15 59 14.7 +0.3
ISHM		eSg	Sb		15 59 16.5
ISHM	comp=Z,71µm,0.2s	e			15 59 17.5
ISHM	comp=N,846nm,0.1s	e			15 59 20.1
ISHM	comp=E,908nm,0.1s	e			15 59 20.1
ISHM	Shahmirzad	1.15 28 Pg	Pg		15 58 58.6 0.0
ISHM		Pg	Pg		15 58 58.6 0.0
ISHM	Shahmirzad	1.15 28 Pg	Pg		15 58 58.6 0.0
ISHM		Pg	Pg		15 58 58.6 0.0
GHVR	GHOM	1.15 255 ePg	Pb		15 59 59.6 +0.1
GHVR		eSg	Sb		15 59 16.0 +0.4
GHVR	GHOM	1.15 255 ePg	Pb		15 58 59.7 +0.3
GHVR		eSg	Sb		15 59 16.0 +0.4
GHVR	Anjilo	1.24 57 ePg	Pb		15 59 20.1 +1.9
GHVR		eSg	Sb		15 59 21.4
IANJ	comp=Z,7µm,0.1s	e			15 59 21.4
IANJ	comp=E,706nm,0.0s				
IANJ	Anjilo	1.24 57 Pg	Pg		15 59 00.2 -0.2
IANJ		Pg	Pg		15 59 00.2 -0.2
IANJ	Anjilo	1.24 57 Pg	Pg		15 59 00.2 -0.2
IANJ		Pg	Pg		15 59 01.1 -0.5
IALA	Alasht	1.30 6j ePg	Pb		15 59 24.9
IALA		eSg	Sb		15 59 25.4
IALA	comp=E,45µm,0.1s	e			15 59 25.4
IALA	comp=Z,46µm,0.1s				
IALA	Alasht	1.30 6j ePg	Pb		15 59 01.1 -0.5
IALA		eSg	Sb		15 59 20.3 +0.6
IAFJ	Afjeh	1.30 325 e	Pb		15 59 21.4
IAFJ	comp=N,21µm,0.1s	e			15 59 21.4
IAFJ	comp=E,93µm,0.1s	e			15 59 21.7
IAFJ	comp=Z,16µm,0.1s	e			15 59 21.7
IAFJ	Afjeh	1.30 325 Pg	Pb		15 59 01.4 -0.4
IAFJ		Pg	Pb		15 59 01.4 -0.4
IAFJ	Afjeh	1.30 325 Pg	Pb		15 59 01.4 -0.4
IAFJ		Pg	Pb		15 59 25.8 +3.3
QAM	Ghamsar	1.43 224 ePg	Pb		15 59 26.1
QAM	comp=E,20µm,0.2s	e			15 59 26.1
QAM	comp=Z,24µm,0.2s	e			15 59 27.3
QAM	comp=N,57µm,0.2s	e			15 59 27.3
QAM	Peran	1.47 350 ePg	Pb		15 59 27.3
QAM		eSg	Sb		15 59 30.8
IPRN	comp=E,9µm,0.2s				15 59 32.0
IPRN	comp=Z,30µm,0.2s	e			15 59 32.0
IPRN	comp=N,47µm,0.2s	e			15 59 32.0
IPRN	Peran	1.47 350 Pn	Pg		15 59 05.9 +1.2
IPRN		Pn	Pg		15 59 07.0 +0.6
IPRN	Charan	1.67 312 ePg	Pb		15 59 07.3 -0.6
IPRN		eSg	Sb		15 59 33.7 +2.1
IPRN	Charan	1.67 312 ePg	Pb		15 59 07.3 -0.6
IPRN		eSg	Sb		15 59 33.7 +2.1
IKLH	Kolahrood	1.71 211 Pn	Pb		15 59 34.1
IKLH		Pn	Pb		15 59 34.1
IKLH	Kolahrood	1.71 211 Pn	Pb		15 59 34.1
IKLH		Pn	Pb		15 59 34.3
IKLH	Kolahrood	1.71 211 Pn	Pb		15 59 08.7 0.0
IKLH		Pn	Pb		15 59 08.7 0.0
IKLH	Kolahrood	1.71 211 Pn	Pb		15 59 31.6 +0.3
IKLH		Pn	Pb		15 59 32.0
IRS	Iran Long-Peri	1.74 285 eSg	Pb		15 59 32.0
IRS		eSg	Sb		15 59 32.3
IRS	comp=E,83µm,0.1s	e			15 59 32.3
IRS	comp=N,34µm,0.1s	e			15 59 33.6
IRS	comp=Z,61µm,0.1s	e			15 59 33.6
IRMS	Iran Long-Peri	1.74 285 eSg	Pb		15 59 31.6 +0.3
IRMS		eSg	Sb		15 59 35.2 -0.6
IRMS	Mahdasht	1.84 300 eSg	Pb		15 59 37.3
IRMS		eSg	Sb		15 59 37.3
IMHD	comp=E,3µm,0.2s	e			15 59 37.3
IMHD	comp=Z,73µm,0.1s	e			15 59 37.8
IMHD	comp=N,42µm,0.1s	e			15 59 37.8
IMHD	Mahdasht	1.84 300 Pn	Pb		15 59 09.8 +0.8
IMHD		Pn	Pb		15 59 35.5 +0.6
IMHD	Mahdasht	1.84 300 Pn	Pb		15 59 09.8 +0.8
IMHD		Pn	Pb		15 59 38.4 +0.5
IMHD	Zefreh	1.91 188 ePg	Pb		15 59 39.6
IMHD		eSg	Sb		15 59 41.3
IZEF	comp=E,73µm,0.1s	e			15 59 41.3
IZEF	comp=Z,36µm,0.2s	e			15 59 41.3
IZEF	comp=N,14µm,0.1s	e			15 59 41.3
IGLO	Ghaloghah	1.96 29j ePn	Pb		15 59 12.7 -0.3
IGLO		ePn	Pb		15 59 47.7
IGLO	comp=Z,29µm,0.2s	e			15 59 50.1
IGLO	comp=N,22µm,0.3s	e			15 59 50.1
IGLO	comp=E,97µm,0.3s	e			15 59 50.2
NASN	Na'in	1.99 176 ePg	Pb		15 59 12.7 -0.7
NASN		AML	AML		15 59 42.4
NASN	comp=E,6µm,0.4s	e			15 59 42.4
NASN	comp=N,8µm,0.3s	e			15 59 42.6
NASN	Na'in	1.99 176 eP	Pb		15 59 12.8 -0.7
NASN		eP	Pb		15 59 14.7 +1.2
NASN	Ashtian	2.17 264 ePn	Pb		15 59 45.7 -0.5
NASN		eSg	Sb		15 59 46.9
NASN	Ashtian	2.17 264 ePn	Pb		15 59 46.9
NASN		eSg	Sb		15 59 47.4
ASAO	comp=E,3µm,0.6s	e			15 59 47.4
ASAO	comp=N,2µm,0.7s	e			15 59 47.4
ASAO	Ashtian	2.17 264 eSg	Pb		15 59 45.7 -0.5
ASAO		eSg	Sb		15 59 50.8 +0.1
ASAO	Razeghan	2.31 286 eSg	Pb		15 59 50.8 +0.1
ASAO		eSg	Sb		15 59 53.1
IRAZ	comp=E,65µm,0.3s	e			15 59 53.1
IRAZ	comp=N,22µm,0.1s	e			16 00 00.4
IRAZ	comp=Z,35µm,0.2s	e			16 00 00.4
IGAR	Gharneh	2.43 192 e	Pb		15 59 54.4 -0.3
IGAR		e	Pb		15 59 56.2
IGAR	comp=N,48µm,0.3s	e			15 59 56.2
KHMZ	comp=Z,24µm,0.2s	e			15 59 56.2
KHMY	Khomeyn	2.46 245 ePn	Pb		15 59 19.0 +1.5
KHMY		ePn	Pb		15 59 20.3 +1.7
IGZV	Ghazvin	2.54 310j ePn	Pb		15 59 05.3
IGZV		ePn	Pb		16 00 07.1
IGZV	comp=Z,16µm,0.2s	e			16 00 07.1
IGZV	comp=E,22µm,0.2s	e			16 00 12.3
IGZV	comp=N,27µm,0.1s	e			16 00 12.3
IGZV	Ghazvin	2.54 310j ePn	Pb		15 59 20.3 +1.7
IGZV		ePn	Pb		15 59 59.3 +0.6
IPIR	Pirpir	2.56 215 e	Pb		16 00 08.9
IPIR	comp=N,38µm,0.2s	e			16 00 08.9
IPIR	comp=Z,23µm,0.2s	e			16 00 09.0
IPIR	comp=E,36µm,0.3s	e			16 00 09.0
ICHK	Chekchek	2.94 149j ePn	Pb		15 59 25.3 +1.1
ICHK		ePn	Pb		16 00 12.1
ICHK	comp=N,38µm,0.2s	e			16 00 12.1
ICHK	comp=Z,33µm,0.2s	e			16 00 12.8
ICHK	comp=E,26µm,0.2s	e			16 00 13.8
ICHK	Chekchek	2.94 149j ePn	Pb		15 59 25.3 +1.1
ICHK		ePn	Pb		15 59 25.2 +1.1
ICHK	Chekchek	2.94 149j ePn	Pb		15 59 25.2 +1.1
ICHK		ePn	Pb		16 00 11.5 -0.5
IRAM	comp=E,19µm,0.2s	e			16 00 14.6
IRAM	comp=N,19µm,0.2s	e			16 00 20.6
ISAD	comp=Z,13µm,0.2s	e			15 59 26.5 +1.4
ISAD	Sadradab	3.00 163 ePn	Pb		16 00 12.5
ISAD		e	Pb		16 00 13.5
ISAD	comp=N,38µm,0.1s	e			16 00 14.0
ISAD	comp=Z,49µm,0.2s	e			16 00 14.0
ISAD	comp=E,24µm,0.2s	e			15 59 26.4 +1.4
ISAD	Sadradab	3.00 163 Pn	Pb		15 59 26.4 +1.4
ISAD		Pn	Pb		16 00 11.1 -1.9
ISAD	Sadradab	3.00 163 Pn	Pb		15 59 26.1 +1.2
ISAD		Sg	Sb		16 00 11.1 -1.9
SHRO	Shahrood	3.00 66 ePn	Pb		15 59 26.1 +1.2
SHRO		AML	AML		16 00 29.7

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SHRO	comp=E,841nm,0.6s			AML	AML	16 00 32.6
SHRO	comp=N,966nm,0.6s					
SHRO	Shahrood	3.00 66 eP	Pb			15 59 26.1 +1.2
SHRO		3.77 153 e	Pn			16 00 40.2 +2.3
IMEH	comp=Z,11µm,0.2s	e				16 00 43.3
IMEH	comp=N,14µm,0.2s	e				15 59 39.8 +1.2
MRVT	Maraveh tapeh	4.00 43 ePn	Pb			15 59 39.8 +1.2
MRVT		ePn	Pb			15 59 39.8 +1.2
IBAF	Maraveh tapeh	4.00 43 eP	Pb			15 59 39.8 +1.2
IBAF		eP	Pb			16 00 45.3 -0.7
IBAF	comp=Z,5µm,0.2s	e				16 00 48.0
IBAF	comp=E,12µm,0.3s	e				16 00 54.9
IBAF	comp=N,7µm,0.2s	e				16 00 54.9
IKOM	Komasi	4.28 263j ePn	Pb			15 59 44.7 +2.2
IKOM		ePn	Pb			16 01 02.8
IKOM	comp=E,11µm,0.5s	e				16 01 16.1
IKOM	comp=Z,5µm,0.5s	e				16 01 21.1
IKOM	comp=N,14µm,0.5s	e				16 01 21.1
IKOM	Komasi	4.28 263j ePn	Pb			15 59 44.7 +2.2
IKOM		ePn	Pb			15 59 50.8 +2.8
ILIN	Lien	4.67 273j ePn	Pb			16 01 21.2
ILIN		ePn	Pb			16 01 21.2
ILIN	comp=Z,2µm,0.3s	e				15 59 50.8 +2.8
ILIN	Lien	4.67 273j ePn	Pb			15 59 51.1 +1.8
ILIN		ePn	Pb			16 01 20.8
IVIS	Veis	4.78 268j ePn	Pb			16 01 23.1
IVIS		ePn	Pb			16 01 44.1
IVIS	comp=Z,2µm,0.5s	e				15 59 51.1 +1.8
IVIS	comp=E,2µm,0.4s	e				16 00 43.2 -5.2
IVIS	comp=N,2µm,0.3s	e				15 59 51.1 +1.8
IVIS	Veis	4.78 268j ePn	Pb			16 00 43.2 -5.2
IVIS		ePn	Pb			16 00 59.7
ISFR	Sfrayin	4.90 61 e	Pb			16 01 25.3
ISFR	comp=E,7µm,0.3s	e				16 01 25.3
ISFR	comp=N,5µm,0.2s	e				16 01 25.3
IPAR	Pars	4.95 176 ePn	Pb			15 59 54.4 +2.6
IPAR		ePn	Pb			16 01 28.3
IPAR	comp=E,5µm,0.4s	e				16 01 28.4
IPAR	comp=N,5µm,0.4s	e				16 01 33.4
IPAR	comp=Z,3µm,0.4s	e				15 59 54.4 +2.6
IPAR	Pars	4.95 176 ePn	Pb			15 59 54.4 +2.6
IPAR		ePn	Pb			15 59 54.4 +1.5
IGHG	Ghaleghazi	5.03 266j ePn	Pb			16 01 31.1
IGHG		ePn	Pb			16 01 40.6
IGHG	comp=Z,3µm,0.4s	e				16 01 40.6
IGHG	comp=E,6µm,0.4s	e				16 04 37.5
IGHG	comp=N,2µm,0.1s	e				15 59 54.4 +1.5
IGHG	Ghaleghazi	5.03 266j ePn	Pb			15 59 54.2 +1.0
IGHG		ePn	Pb			16 00 01.9
IKAZ	Kazeroon	5.04 188j ePn	Pb			16 00 01.9
IKAZ		ePn	Pb			16 00 57.0
IKAZ	comp=Z,4µm,0.2s	e				15 59 07.0 +0.6
IKAZ	comp=N,					

21d 16h

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like BVAR, VRI, PLO, etc.

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Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like DAVA, HFS, BNI, etc.

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Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like IAFJ, IALA, IALA, etc.

CSEM 21 16:02:58.6, 34:79N-52:62E, h3km, ML3.5, After TEH

TEH 21 16:02:58.6, 34:79N-52:62E, h3km, ML3.5, 2C-17D,

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

IDC 21 16:06:46.3, 1.4, 34:88N-52:61E, h0km, mb3.3/8,

CSEM 21 16:06:48.0, 1.4, 34:81N-52:65E, h2km, ML3.9, Error ellipse: s-maj=3.5km s-min=3.1km az=85.0

THR 21 16:06:48.2, 0.7, 34:78N-52:66E, h14km, 6km, ML3.9

TEH 21 16:06:49.7, 34:78N-52:64E, h5km, ML3.9

ISC 21 16:06:48.9, 1.1, 34:80N-52:62E, h0km, North and central Iran

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCAM GZelcaml?, ZY Zmir, URLA Izmir, etc.

BKK 21 18:38:22.2-1.6, 19°N, 107°12'E, 1'6, h10km, M3.8/22, mb4.4/8, mb4.2/22, Mw(mb)3.5/8
IDC 21 18:38:24.6-0.5, 18:38N, 121°18'E, h0km, mb4.1/24, mb1.4, 3/26, mb1mx4.2/42, mbmp4.1/26, ML4.1, 1/23, M5.6/14, Ms1.3/14, ms1mx3.4/41, Error ellipse: s-maj=17.9km
NEIC 21 18:38:25.9-0.3, 18:35N, 121°10'E, h10km, mb4.6/13, Error ellipse: s-maj=8.9km, s-min=5.9km, az=102.0
NEIC Felt (I PIVS) at Laogang and Pasuquin.
MAN 21 18:38:27.18-56N, 120°93E, h7km, mb5.0, ML4.0, MS4.1
IOS 21 18:38:28.1-0.9, 18:39N, 121°13'E, h33km, mb4.9/20, Error ellipse: s-maj=12.1km, s-min=6.6km, az=115.2
ISCJCB 21 18:38:28.3-0.6, 18:58N, 03:120°98E, 0.3, h23km, 4km, mb4.3/59, MS3.6/13, Error ellipse: s-maj=5.5km, s-min=4.3km, az=9.3
BUJ 21 18:38:33.4, 18:95N, 120°99E, h32km, mb4.3/27, mb4.5/18, ML4.1/17, Ms4.0/14, Ms7.8/11
ISC 21 18:38:28.9-0.3, 18:38N, 03:121°05E, 0.04, h9km, 5km, n168, s141/145, mb4.4/58, MS3.7/13, 9C-8D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PIP Pasaquin, APY APY, ABRA Dolores, etc.

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Table with columns: QIZ, Qiongzong, 10.63 275, P, Pn, 18 40 56.9 -2.5, 18 43 17.3 +19. Includes stations like QIZ, Qiongzong, Guiyang, Sakolnakorn, NONG, etc.

21d 18h

Table with columns: MKAR, KRAR, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, ASAR, YAK, YAK, KSH, KSH, KSH, KSH, PETK, PETK, ZALV, ZALV, KZA, KZA, TKM2, TKM2, TKM2, CTA, KBK, AAK, AAK, NVS, MAZ, AML, KURK, KURK, EKS2, EKS2, EKS2, HNR, KKAR, KKAR, BRVK, BRVK, BRVK, TIXI, TIXI, TIXI, IMOG, BILL, BILL, BILL, ITEG, ABKAR, GEYT, GEYT, SVE, ARU, ARU, ARU, ISRV, IPAR, IKLH, IKAZ, GNI, ZEI, ZEI, KBI, KIV, KIV, VRH, VRH, VRH, NEY, NEY, RAYN, TMCR, TMCR, VSR, VSR, VSR, LPSR, LPSR, LPSR, LPSR, OBN, OBN, OBN, ILAR, ARCES, SPITS, FINES.

Table with columns: TRG, Tyrgan, 1.50 250, Pn, 20 54 05.8 -0.6, 20 54 06.9 -0.4, 20 54 25.5 -0.4, 20 54 27.5 0.0, etc.

Table with columns: KPC, Zakamensk, 4.43 231, ePn, Pn, 20 54 47.7 +1.0, 20 56 58.4 +1.1, 20 55 03.3, 20 55 55.6 +4.8, etc.

Table with columns: NB2, NORSAR Subarray, 51.84 350, PKP, PKPbc, 21 18 23.3 -1.1, 21 18 24.1 -0.3, 21 18 28.9 +0.1, 21 19 07.7 -0.1, etc.

AUST 21 22:21:37.3, 11.0, 34.65S, 178.24W, h26km, 2km, Error ellipse: s-maj=4.7km s-min=2.4km az=257.0
 IDC 21 22:22:02.3, 6.0, 34.83S, 179.05E, h111km, 43km, mb4.2/6, mb1 4.3/7, mb1mx3.9/35, mbtmp4.6/7, Error ellipse: s-maj=51.5km s-min=17.3km az=52.0
 NEIC 21 22:22:10.8, 35.57S, 178.88E, h212km, mb4.7/10, After WEL

WEL 21 22:22:10.8, 0.6, 35.55S, 178.86E, h210km, 6km, ML5.1/23, Error ellipse: s-maj=6.3km s-min=5.5km az=0.0
 ISC 21 22:22:12.9, 0.6, 35.15S, 178.73E, 0.03h, h220km, 6km, m168, 0.1666/156, mb4.5/12, 7C-14D, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MXZ	Matakaoa Point	1.88	190	Op Pn		22 22 50.0	-1.7
MXZ				eS		22 23 21.2	-0.9
MXZ				AML		22 23 23.2	
MXZ				AML		22 23 29.0	
MXZ	Matakaoa Point	1.88	190	ePn Pn		22 22 50.0	-1.7
MXZ				eS		22 23 23.1	+1.1
WMGZ	Waiomatatini S	2.12	187	Op Pn		22 22 53.3	-0.7
HAZ	The Kaha	2.18	200	Op Pn		22 22 53.3	-0.7
HAZ				SN		22 23 28.2	+1.0
WIZ	White Island	2.20	214	Op Pn		22 22 54.9	0.0
PKGZ	Pakihoro	2.21	193	Op Pn		22 22 54.5	-0.6
PUZ	Puketitahi	2.39	189	Op Pn		22 22 55.9	-1.0
PUZ				SN		22 23 30.9	-0.3
PUZ				AML		22 23 35.7	+0.5
TWGZ	Tauwhareparae	2.53	193	Op Pn		22 22 58.2	-0.2
OPRZ	Ohinepanea	2.76	219	Op Pn		22 23 00.8	0.0
MWZ	Matawai	2.79	200	Op Pn		22 23 01.0	-0.3
MWZ				AML		22 23 41.8	
MWZ				AML		22 23 41.9	
MWZ				AML		22 23 42.2	
MWZ	Matawai	2.79	200	ePn Pn		22 23 01.0	-0.3
MWZ				eS		22 23 41.8	+2.7
CNGZ	Carnagh Statio	2.80	188	Op Pn		22 23 02.1	-0.1
TKGZ	The Karaka	2.81	194	Op Pn		22 23 03.0	+0.6
URZ	Urewera	2.86	207	Op Pn		22 23 01.1	-0.8
URZ				SN		22 23 40.8	+0.5
URZ				AML		22 23 44.0	
URZ	Urewera	2.86	207	P		22 23 00.1	-1.8
URZ				S		22 23 40.5	+0.2
URZ	Urewera	2.86	207	ePn Pn		22 23 01.4	-0.6
URZ				eS		22 23 38.9	-1.4
URZ				eS		22 23 40.3	+0.5
EDRZ	Edgcombe	2.88	213	Op Pn		22 23 02.0	0.0
RAGZ	Rawiri	2.97	200	Op Pn		22 23 03.2	-0.1
TARZ	Mount Tarawera	3.09	215	Op Pn		22 23 05.6	+1.0
RIGZ	Rimu	3.09	194	Op Pn		22 23 04.1	-0.5
RRRZ	Republican Roa	3.17	213	Op Pn		22 23 05.7	+0.2
PRGZ	Paritu Road	3.21	219	Op Pn		22 23 06.7	0.0
KNZ	Kokohu	3.41	194	Op Pn		22 23 07.3	-1.0
KNZ				AML		22 23 55.0	
KNZ				AML		22 23 55.2	
KNZ	Kokohu	3.41	194	ePn Pn		22 23 07.3	-1.0
KNZ				eS		22 23 55.2	+0.5
ALRZ	Allen Road	3.43	213	Op Pn		22 23 06.1	0.1
RAHZ	Arari	3.46	202	Op Pn		22 23 08.5	-0.4
MHGZ	Mahi Peninsula	3.50	191	Op Pn		22 23 09.0	-0.4
WHZ	Waihua	3.57	199	Op Pn		22 23 09.9	-0.3
NMHZ	Naumai	3.71	204	Op Pn		22 23 11.9	-0.1
ABHZ	Arapoanui	3.81	215	Op Pn		22 23 12.7	+0.5
BKZ	Black Stump Fm	3.88	207	Op Pn		22 23 13.2	-0.8
BKZ				AML		22 24 05.9	
BKZ				AML		22 24 07.3	
BKZ	Black Stump Fm	3.88	207	ePn Pn		22 23 13.7	-0.4
BKZ				eS		22 24 05.9	+3.9
KATZ	Kakarama	4.06	216	Op Pn		22 23 17.1	+0.8
MCHZ	McNeill Hill	4.06	203	Op Pn		22 23 15.5	-0.6
KWHZ	Kaweka Forest	4.14	206	Op Pn		22 23 16.2	-0.9
CKHZ	Cape Kidnapper	4.16	198	Op Pn		22 23 16.2	-1.1
HIZ	Hauti	4.17	227	Op Pn		22 23 19.8	+0.2
KRHZ	Karewarewa	4.22	215	Op Pn		22 23 17.1	0.0
OUZ	Omahuta	4.22	275	Op Pn		22 23 14.2	-3.9
WTVZ	West Tongariro	4.22	215	Op Pn		22 23 18.1	-0.1
WTVZ				Op Pn		22 23 18.1	-0.1
OTVZ	Oturere	4.22	214	Op Pn		22 23 18.1	-0.1
OTVZ				Op Pn		22 23 18.1	-0.1
TWVZ	Taurewa	4.26	217	Op Pn		22 23 18.8	+0.1
TWVZ				Op Pn		22 23 18.8	+0.1
NGZ	Ngauruhoe	4.26	215	Op Pn		22 23 18.7	0.0
NGZ				Op Pn		22 23 18.7	0.0
WPVZ	Whakapapa	4.31	215	Op Pn		22 23 19.2	-0.2
WPVZ				Op Pn		22 23 19.2	-0.2
TUVZ	Tukino	4.31	214	Op Pn		22 23 18.8	-0.5
TUVZ				Op Pn		22 23 18.9	-0.5
BHZ	Black Hill Sta	4.31	209	Op Pn		22 23 18.3	-1.2
KAHZ	Kahuranaki	4.33	199	Op Pn		22 23 18.7	-0.8
FWVZ	Far West T-bar	4.33	219	Op Pn		22 23 18.0	-0.6
FWVZ				Op Pn		22 23 18.3	-0.6
KRHZ	Kereru	4.35	205	Op Pn		22 23 18.4	-1.3
MOVZ	Moawhango	4.38	212	Op Pn		22 23 18.9	-1.2
MOVZ				Op Pn		22 23 18.9	-1.2
TRVZ	Turoa	4.39	214	Op Pn		22 23 19.7	-0.7
TRVZ				Op Pn		22 23 19.7	-0.7
WNVZ	Wahianoa	4.39	214	Op Pn		22 23 19.5	-0.8
WNVZ				Op Pn		22 23 19.5	-0.8
MTVZ	Mangateitei	4.49	214	Op Pn		22 23 20.8	-0.7
MTVZ				Op Pn		22 23 20.8	-0.7
PXZ	Pawanui	4.56	198	Op Pn		22 23 20.7	-1.6
PXZ				AML		22 24 19.2	
PXZ				AML		22 24 20.4	
PXZ				AML		22 24 20.4	
PXZ	Pawanui	4.56	198	ePn Pn		22 23 20.7	-1.6
PXZ				eS		22 23 19.2	+2.9
PHZ	Pukenui	4.65	205	Op Pn		22 23 21.7	0.7
WPHZ	Waipukurau	4.71	202	Op Pn		22 23 22.6	-1.6
PRHZ	Porangahau	4.84	199	Op Pn		22 23 24.4	-1.4
TSZ	Takapari Road	4.86	206	Op Pn		22 23 24.2	-1.8
TSZ				AML		22 24 27.5	
TSZ				AML		22 24 28.0	
DVHZ	Dannevirke	5.01	203	Op Pn		22 23 25.8	-2.1
WAZ	Wanganui	5.01	215	Op Pn		22 23 27.6	-0.3
ANWZ	Angora Road	5.07	200	Op Pn		22 23 27.2	-1.4
POWZ	Post Office Ro	5.23	206	Op Pn		22 23 29.2	-1.4
PRWZ	Port Road	5.30	203	Op Pn		22 23 30.0	-1.8
BFZ	Birch Farm	5.33	201	Op Pn		22 24 38.2	
BFZ				AML		22 24 38.2	
BFZ				AML		22 24 38.2	
BFZ				AML		22 24 38.9	
BFZ				AML		22 24 38.9	
BFZ	Birch Farm	5.33	201	ePn Pn		22 23 30.1	-1.2
BFZ				eS		22 23 38.9	+4.4
MRZ	Mangatainoka R	5.53	206	Op Pn		22 23 32.2	-2.3
MRZ				AML		22 24 40.7	
MRZ				AML		22 24 40.7	
MRZ	Mangatainoka R	5.53	206	ePn Pn		22 23 32.2	-2.3
MRZ				eS		22 23 32.2	-2.3
TIWZ	Tintock	5.53	203	Op Pn		22 23 32.7	-1.8
TIWZ				AML		22 24 42.4	
TIWZ				AML		22 24 44.9	
CPWZ	Castlepoint	5.56	200	Op Pn		22 23 33.8	-1.0
HOWZ	Holdsworth Sta	5.76	205	Op Pn		22 23 34.9	-2.5
GSWZ	Gtaki Gorge	5.82	208	Op Pn		22 23 36.0	-1.2
TMWZ	The Maipa	5.83	202	Op Pn		22 23 36.0	-2.2
KIW	Kapiti Island	5.96	209	Op Pn		22 23 37.3	-2.6
KIW				AML		22 24 49.2	
KIW				AML		22 24 52.3	
KIW	Kapiti Island	5.96	209	ePn Pn		22 23 37.3	-2.6
KIW				eS		22 23 39.2	+0.4
MTW	Mount Morrison	6.00	204	Op Pn		22 23 37.9	-2.5
MTW				AML		22 24 50.3	
MTW				AML		22 24 51.1	
MTW	Mount Morrison	6.00	204	ePn Pn		22 23 37.9	-2.5
MTW				eS		22 24 50.3	
CAW	Cannon Point	6.11	207	Op Pn		22 23 39.2	-2.6
CAW				AML		22 24 53.5	
CAW				AML		22 24 55.0	
CAW	Cannon Point	6.11	207	ePn Pn		22 23 39.2	-2.6
CAW				eS		22 24 53.5	+1.1

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TRWZ	Traveller	6.16	202	Op Pn		22 23 40.1	-2.3
TRWZ				AML		22 24 54.7	
TRWZ				AML		22 24 54.8	
TRWZ	Traveller	6.16	202	ePn Pn		22 23 40.1	-2.3
TRWZ				eS		22 24 54.9	+1.3
PAWZ	Paruawai Farm	6.23	204	Op Pn		22 24 55.4	-2.6
PAWZ				AML		22 24 55.4	
PAWZ				AML		22 24 56.3	
PAWZ	Paruawai Farm	6.23	204	ePn Pn		22 23 40.7	-2.6
PAWZ				eS		22 24 56.3	+1.2
MSWZ	Moikau Station	6.32	205	Op Pn		22 23 41.7	-2.7
MSWZ				AML		22 24 59.3	
MSWZ				AML		22 24 59.3	
DUWZ	D'Urville Isla	6.34	215	Op Pn		22 23 42.4	-2.3
DUWZ				Op Pn		22 23 42.4	-2.3
WEL	Wellington	6.38	208	Op Pn		22 23 43.2	-1.9
WEL				AML		22 24 51.3	
SNZ	South Karori	6.42	208	ePn Pn		22 23 43.9	-1.8
SNZ				eS		22 24 57.8	-1.7
BHW	Baring Head	6.44	207	Op Pn		22 23 43.1	-2.9
BHW				AML		22 25 00.5	
BHW	Baring Head	6.44	207	ePn Pn		22 23 43.1	-2.9
BHW				eS		22 25 00.6	+0.5
PLWZ	Palliser	6.45	204	Op Pn		22 23 43.2	-3.0
PLWZ				Op Pn		22 23 44.3	-2.6
TCW	Tory Channel	6.51	211	Op Pn		22 23 44.3	-2.6
TCW				AML		22 25 03.7	
TCW				AML		22 25 03.7	
TCW	Tory Channel	6.51	211	ePn Pn		22 23 44.3	-2.6
TCW				eS		22 25 03.7	+2.0
TUWZ	Tuamarina	6.83	212	Op Pn		22 23 48.2	-2.8
TUWZ				AML		22 25 10.3	
TUWZ				AML		22 25 10.3	
TUWZ	Tuamarina	6.83	212	ePn Pn		22 23 48.2	-2.8
TUWZ				eS		22 25 10.3	+1.1
NNZ	Nelson	6.92	216	Op Pn		22 23 49.7	-2.4
QRZ	Quartz Range	7.06	222	Op Pn		22 23 51.5	-2.5
QRZ				ePn		22 23 51.5	-2.5
BSWZ	Blackbirch Sta	7.09	211	Op Pn		22 23 52.7	-2.7
BSWZ				AML		22 2	

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KHC Kasperske Hory, KHC Kasperske Hory, CLL Collin, etc.

ISC 21 23:04:18.4, 10.0, 25.12s, 179.17E, h437km, 100km, mb3.5/3, mb1 3.7/4, mb1mx3.2/28, mbtmp4.4/4, Error ellipse: s-maj=89.6km s-min=38.4km az=39.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, CTA 0.6m, 0.3s, bsz=100, etc.

ISCJB 21 23:29:52.5, 0.5, 37.90N, 0.03, 27.59E, 0.04, h6km, 5km, Error ellipse: s-maj=4.6km s-min=4.5km az=39.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, GCAM G?zelcaml?, etc.

ISCJB 21 23:31:03.0, 0.7, 51.66N, 0.07, 174.05W, 0.05, h59km, mb4.0/3, MS3.9/1, Error ellipse: s-maj=10.0km

IDD 21 23:31:04.9, 4.8, 51.73N, 172.10W, h0km, mb3.9/3, mb1 4.1/5, mb1mx3.5/43, mbtmp3.8/5, ML3.8, 2.2, MS3.9/1, Ms1 3.9/1, ms1mx2.7/32, Error ellipse: s-maj=91.4km s-min=55.0km az=93.0

NEIC 21 23:31:05.3, 51.79N, 174.25W, h47km, ML3.4(AEIC), After AEIC

ISC 21 23:31:03.7, 1.0, 51.73N, 0.10, 174.09W, 0.04, h59km, n26, 993/31, mb3.8/3, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ATKA Atka Island, ATKA Atka Island, KOKL Mount Klitchev, etc.

BUI 21 23:46:31.5, 43.60N, 127.20W, h10km, mb4.8/4, mb5.1/4, Ms4.6/2, Ms7.4/2

IDD 21 23:46:31.9, 1.5, 43.58N, 127.25W, h0km, mb3.6/6, mb1 3.9/12, mb1mx3.7/46, mbtmp3.7/12, ML3.7/6, MS4.0/20, Ms1 4.0/20, ms1mx3.9/26, Error ellipse: s-maj=27.3km s-min=13.2km az=39.0

ISCJB 21 23:46:32.0, 4.3, 58N, 0.03, 127.17W, 0.04, h15km, mb4.2/2, MS4.0/18, Error ellipse: s-maj=5.4km

GCMT 21 23:46:35.1, 0.3, 40N, 127.69W, h21km, 1km, MW5.0/94, Moment Tensor Solution, s40, c48: s94, c143: Duration: 0. Moment tensor: Scale: 10^19Nm, Mo: 0.28: 1/4: Mw: 0.32: 1/2: Mw: 0.31: 1/2: Mw: 0.67: 2/1: Mw: 2.60: 1/2: Mw: 0.32: 1/9: Best double couple: Mo: 2.44000/10^16

NP1: 116.00000, 88.00000, -170.00000. NP2: 262.00000, 88.00000, -170.00000. Principal axes: T 4.3770, Plg6.0000, Azm250.0000; N -0.2640, Plg8.0000, Azm121.0000; P -4.1100, Plg8.0000, Azm341.0000; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 21 23:46:35.0, 0.5, 43.57N, 127.23W, h10km, mb4.6/24 Error ellipse: s-maj=89.6km s-min=38.4km az=39.0

NEIC Felt at Bandon, Lincoln City and Newport. ISC 21 23:46:34.7, 0.8, 43.44N, 0.06, 127.29W, 0.07, h15km, n142, 1942/122, mb4.5/22, MS4.0/18, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RNO Roman Nose, RNO Roman Nose, IO3D Drain OR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CMB Columbia Colle, F10A Beach Ranch, C09A Chrisman Ranch, etc.

22d 1h

Table with columns: WMO, 91nm, LZ, KEST, QIZ, QIZ, QIZ, QIZ, GEYT. Includes station names like Kesra, Qionghong, Alibeck and various codes.

ISCJB 21 23:51:50.5,0.5,40.13N,0.02:25.24E,0.03,h5km,4km, Error ellipse: s-maj=4.1km s-min=3.9km az=142.4

CSEM 21 23:51:50.8,0.2,40.13N:25.24E,h5km,ML1.7, Error ellipse: s-maj=4.2km s-min=3.6km az=18.0

THE 21 23:51:50.3,40.12N:25.24E,h13km,ML1.7/4, Error ellipse: s-maj=1.7km s-min=0.7km az=98.0

ISK 21 23:51:50.4,40.14N:25.28E,h4km,MD2.9

DDA 21 23:51:51.8,40.29N:25.48E,h7km,MD2.7

ISC 21 23:51:50.7,1.0,40.12N:0.02:25.25E,0.02,h8km,8km, n37, o557/58, Aegean Sea

Main station data table for the Aegean Sea region, listing stations like LIA, SMTH, BOZC, GELI, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

ISCJB 21 23:53:32.0,2.0,6.33:13N:0.03:35.45E,0.04,h8km,6km, Error ellipse: s-maj=6.2km s-min=4.8km az=148.5

CSEM 21 23:53:32.4,0.2,33.12N:35.44E,h10km,ML2.6, Error ellipse: s-maj=4.1km s-min=3.2km az=68.0

NSSC 21 23:53:33.9,1.0,33.11N:35.55E,h8km,4km,MD1.5,ML1.1

GRAL 21 23:53:34.7,0.3,33.23N:35.32E,h2km,ML2.6

ISC 21 23:53:32.4,1.0,33.13N:0.03:35.45E,0.03,h11km,9km, n22, o555/44, Jordan - Syria region

Main station data table for the Jordan - Syria region, listing stations like NAQL, BRBR, DQRL, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

2010 NOV

Table with columns: ZALF, ZALF, ZALF, ZALF, ROOS, ROOS, ROOS, ROOS, ROOS, ROOS. Includes station names like Zalf, Alroos and various codes.

ISCJB 21 23:53:45.2,1.2,24.8S:0.1:179.8E,0.2,h507km,mb3.8/5, Error ellipse: s-maj=22.8km s-min=15.4km az=166.6

IDC 21 23:53:48.0,5.0,25.01S:179.69E,h526km,52km,mb3.4/5, mb1.3/7.6,mb1mx3.4/1.9,mbtmp4.3/6, Error ellipse: s-maj=33.4km s-min=24.6km az=62.0

ISC 21 23:53:45.8,1.0,24.9S:0.1:179.8E,0.2,h507km,n10, o579/11,mb4.0/5, South of Fiji Islands

Main station data table for the South of Fiji Islands region, listing stations like DZM, UZM, ASAR, WRA, VNA, MWA, TXAR, FINES, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

CSEM 22 00:44:10.2,0.6,39.26N:33.11E,h2km,MD2.6, Error ellipse: s-maj=10.8km s-min=4.4km az=30.0

DDA 22 00:44:11.2,39.31N:33.18E,h7km,MD2.6

ISC 22 00:44:11.1,4.4,39.3N:0.2:33.1E,0.1,h9km,n8, o592/17, Turkey

Main station data table for Turkey, listing stations like BBAL, BBAL, BBAL, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

KRSK 22 01:20:47.9,1.4,50.79N:156.97E,h86km,19km,ML3.8, Kuril Islands

Main station data table for Kuril Islands, listing stations like SKR, PAU, MIPR, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

ISCJB 22 01:45:55.2,0.5,18.0S:0.1:178.47W,0.09,h570km, mb4.1/12, Error ellipse: s-maj=18.9km s-min=7.3km az=152.9

AUST 22 01:45:55.8,6.7,18.15S:178.94W,h511km, Error ellipse: s-maj=3.1km s-min=2.0km az=263.0

IDC 22 01:45:59.7,2.6,18.08S:178.49W,h626km,29km, mb3.6/12,mb1.3/9.1,mb1mx3.6/3.3,mbtmp4.5/13, Error ellipse: s-maj=22.3km s-min=12.9km az=154.0

ISC 22 01:45:55.7,0.6,18.0S:0.1:178.39W,0.10,h579km,n39, o1504/41,mb3.9/12, Fiji Islands region

Main station data table for the Fiji Islands region, listing stations like AFI, NIUE, DZM, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

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Table with columns: WRKA, KNRA, FITZ, MEEK, KLBR, MJAR, UGM, QSPA, NVAW, MAW, ILAR, TXAR, PDAR, CMAR, SONM, MKAR, BVAR, BRTR, ASF, MMAI, GERES. Includes station names like Warakurna, Kununurra, Fitzroy Crossi, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

IDC 22 01:47:53.5,6.7,31.36S:179.81E,h483km,77km,mb2.8/2, mb1.3/1.2,mb1mx2.8/2.7,mbtmp3.7/2, Error ellipse: s-maj=88.5km s-min=36.2km az=15.0

ISC 22 01:47:50.5,1.9,31.0S:0.1:179.6E,0.5,h450km,n28, o569/30, Kermadec Islands region

Main station data table for the Kermadec Islands region, listing stations like MXZ, WMGZ, HAZ, PUZ, TWGZ, MWZ, URZ, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

JMA 22 01:50:08.8,0.2,37.49N:144.66E,h42km,ML4.1, Off east coast of Honshu

Main station data table for the Off east coast of Honshu region, listing stations like JIO, OFUJ, JIMJ, JMK, JOU, JOU, JOM, JYK, JRG, JRG, BSO1, BSO1, JRY, JRY, JOD2, JOD2, JMAT, JMAT, NEM2, NEM2, JTKR, JTKR. Includes station names like Ouri, Ofunoto, Ichinoseki, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

IDC 22 01:56:28.2,2.4,33.54S:178.71W,h0km,mb3.7/2, mb1.4/0.3,mb1mx3.7/3.7,mbtmp3.8/3.3,ML3.9/1, Error ellipse: s-maj=65.0km s-min=35.3km az=124.0

ISCJB 22 01:56:30.6,2.1,33.6S:0.1:178.5W,0.3,h41km,mb3.6/2, Error ellipse: s-maj=42.6km s-min=11.1km az=15.9

ISC 22 01:56:32.6,2.2,33.5S:0.2:178.5W,0.4,h41km,n10, o1507/14, South of Kermadec Islands

Main station data table for the South of Kermadec Islands region, listing stations like WMGZ, WMGZ, HAZ, PUZ, CNZG, MWZ, URZ, etc. with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

CSEM 22 01:59:35.6,0.2,41.84N:48.54E,h10km,mb4.1, Error ellipse: s-maj=4.7km s-min=2.7km az=62.0

AZER 22 01:59:35.7,0.0,41.75N:48.40E,h25km, Error ellipse: s-maj=1.0km s-min=0.6km az=319.0

ISCJB 22 01:59:37.5,0.6,41.79N:0.02:48.48E,0.04,h16km,4km, Error ellipse: s-maj=6.0km s-min=2.8km az=149.4

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KEK, GRG, OUR, PHL, SOH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DIVS, TRUS, KUBS, TVSB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RM33, RM32, RM31, etc.

22d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like EI Rosal, La Paz, LPZA, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TRY, MVL, MDV, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BNI, PBMO, HDIL, etc.

M38A Pleasantville	57.83 314	P	P	05 19 42.5 -1.1
736A Circle Diamond	57.86 299	P	P	05 19 44.2 +0.2
L38A Oak Wood Farm,	57.90 315	P	P	05 19 43.1 -1.0
S37A Fort Scott	57.92 310	P	P	05 19 43.2 -1.2
436A Wall Ranch, Ca	57.93 301	P	P	05 19 44.0 -0.5
636A Smothers Creek	57.94 300	P	P	05 19 44.6 +0.1
236A Katherine and	57.94 303	P	P	05 19 43.3 -1.2
K38A Parkersburg	57.94 316	P	P	05 19 43.1 -1.3
MOTA Moosalm	57.95 381 i/P			05 19 43.6 -0.9
Q37A Longview Farm,	57.95 311	P	P	05 19 43.4 -1.2
J38A Wedel Dairy, R	57.98 317	P	P	05 19 43.3 -1.4
SCIA State Center	58.00 315 eP			05 19 44.2 -0.6
SCIA State Center	58.00 315 eP			05 19 44.2 -0.6
136A Ennis	58.03 303	P	P	05 19 44.2 -1.0
536A Bastrop	58.04 300	P	P	05 19 44.0 -1.3
R37A Teagarden Farm	58.08 310	P	P	05 19 44.4 -1.1
336A Riesel	58.08 302	P	P	05 19 44.5 -1.1
Z36A Blue Ridge	58.11 304	P	P	05 19 44.9 -0.8
Y36A Durant	58.12 305	P	P	05 19 44.8 -1.1
I38A Scanlan Farm,	58.14 317	P	P	05 19 44.8 -1.0
TUL1 Tulsa	58.19 307	P	P	05 19 45.4 -0.9
TUL1 Tulsa	58.19 307 eP			05 19 45.6 -0.7
TUL1 Tulsa	58.19 307 eP			05 19 45.6 -0.7
TLIG Tiapa	58.22 286 eP			05 19 47.5 +0.6
TLIG Tiapa	58.22 286 eP			05 19 47.5 +0.6
WATA Walderalm	58.24 381 i/P			05 19 45.6 -0.9
WTTA Wattenberg	58.24 39 i/P			05 19 46.1 -0.5
U36A Oologah	58.26 308	P	P	05 19 45.8 -1.0
V36A Jenks	58.28 307	P	P	05 19 45.9 -1.0
X36A Centrahoma	58.33 306	P	P	05 19 46.2 -1.0
W36A Wetumka	58.35 306	P	P	05 19 46.4 -1.0
O35Z Hargill	58.40 296	P	P	05 19 46.8 -1.0
FUR Furstenfeldbru	58.41 37 eP			05 19 47.6 -0.0
M37A Trindle Farm,	58.43 314	P	P	05 19 46.9 -1.0
CUC CUC	58.45 48	PFAKE LR		05 20 00.0 +1.2
L37A Phoenix Point,	58.45 315	P	P	05 19 47.1 -0.9
535A Dale	58.47 300	P	P	05 19 47.5 -0.8
S36A Lake Cedric, C	58.49 309	P	P	05 19 46.9 -1.5
635A Leesville	58.54 299	P	P	05 19 47.9 -0.9
T36A Boggs Farm, Ca	58.54 309	P	P	05 19 47.5 -1.2
335A Moody	58.56 302	P	P	05 19 47.5 -1.4
ABTA Abfattersbach	58.57 39 i/P			05 19 48.6 -0.3
K37A Belmont	58.59 316	P	P	05 19 47.5 -1.4
R36A Gordon, Harris	58.59 310	P	P	05 19 47.6 -1.4
435B Jarrell	58.60 301	P	P	05 19 48.0 -1.3
O36A Bolckow	58.70 312	P	P	05 19 48.5 -1.3
WHTX Lake Whitney	58.71 302	P	P	05 19 48.3 -1.6
WHTX Lake Whitney	58.71 302 eP			05 19 49.5 -0.4
WHTX Lake Whitney	58.71 302 eP			05 19 49.5 -0.4
J37A Redenius Farm,	58.71 316	P	P	05 19 48.3 -1.5
P36A Good Intent, A	58.73 312	P	P	05 19 48.7 -1.3
Q36A Arnold C. Orve	58.73 311	P	P	05 19 48.4 -1.5
H37A Dierke Farm, C	58.73 318	P	P	05 19 49.2 -0.7
Y35A Marietta	58.74 305	P	P	05 19 50.4 +0.3
135A Vickery Place,	58.77 303	P	P	05 19 49.3 -1.1
X35A Drake	58.79 305	P	P	05 19 48.9 -1.6
Z35A Perchaven, S	58.80 304	P	P	05 19 49.8 -0.7
I37A Lemond, Waseca	58.85 317	P	P	05 19 49.8 -1.0
W35A Tecumseh	58.87 306	P	P	05 19 50.0 -1.0
SPMN St. Paul	58.90 319	P	P	05 19 50.2 -0.8
SPMN St. Paul	58.90 319 eP			05 19 50.5 -0.5
SPMN St. Paul	58.90 319 eP			05 19 50.5 -0.5
TIP Timpageard	58.91 49	PFAKE LR		05 20 00.0 +8.7
934A Benavidez	58.94 297	P	P	05 19 52.1 +0.5
M36A Felix, Anita	58.98 314	P	P	05 19 50.8 -0.9
V35A Meyer Ranch, C	58.98 307	P	P	05 19 50.9 -0.9
T35A Sooner Cattle	59.00 308	P	P	05 19 50.7 -1.3
034A Hebronville	59.01 297	P	P	05 19 52.6 +0.5
834A Tilden	59.03 298	P	P	05 19 52.0 -0.2
634A China Grove, S	59.04 299	P	P	05 19 51.9 -0.3
U35A Pawnee	59.04 308	P	P	05 19 51.1 -1.1
S35A Otter Creek Ra	59.04 309	P	P	05 19 51.1 -1.1
GRFO Grafenberg	59.06 36 eP			05 19 51.9 -0.1
GRFO Grafenberg	59.06 36 eP			05 19 51.9 -0.1
GRFO Grafenberg	59.06 36 eP			05 19 51.9 -0.1
GRF Grafenberg Arr	59.06 36 eP			05 19 51.6 -0.4
GRF Grafenberg	59.06 36 eP			05 19 51.6 -0.4
L36A Harm Buss Farm	59.09 315	P	P	05 19 51.3 -1.1
K36A Gilmore City	59.11 315	P	P	05 19 51.9 -0.7
R35A Emporia Municip	59.12 310	P	P	05 19 51.7 -1.0
Q35A Mercer Eighty,	59.13 311	P	P	05 19 51.6 -1.2
RJOB Jochberg	59.16 38 eP			05 19 52.2 -0.7
434A Burnet	59.19 301	P	P	05 19 51.8 -1.6
GTTG Gvtingen	59.22 33 eP			05 19 53.0 -0.1

JAVS Javornik	59.23 41 i/P			05 19 53.3 -0.1
JAVS Javornik	59.23 41 i/P			05 19 53.3 -0.1
534A Blanco	59.24 300	P	P	05 19 52.2 -1.5
MYKA Terra Mystica	59.24 40 i/P			05 19 53.5 0.0
334A Lometa	59.25 302	P	P	05 19 52.4 -1.3
J36A Sena 1, Swea	59.26 316	P	P	05 19 52.3 -1.3
I36A Fitzsimmons Fa	59.27 317	P	P	05 19 52.4 -1.3
234A Claitte	59.28 302	P	P	05 19 52.3 -1.7
SFJD Kangerlussuaq	59.30 355	P	P	05 19 52.8 -0.6
P35A Duane Minner,	59.30 311	P	P	05 19 52.7 -1.3
134A White-Moore Ra	59.33 303	P	P	05 19 53.2 -1.1
Y34A Reagan Ranch,	59.33 305	P	P	05 19 53.4 -0.8
Z34A Collier Ranch,	59.35 304	P	P	05 19 53.3 -1.1
D37A Cotton	59.40 321	P	P	05 19 53.3 -1.2
N35A Taber	59.41 313	P	P	05 19 53.5 -1.1
C37A Embarrass	59.47 321	P	P	05 19 54.0 -1.0
G36A St. Michael	59.52 318	P	P	05 19 55.0 -0.3
X34A Smith Ranch, M	59.53 305	P	P	05 19 54.6 -1.0
V34A Guthrie	59.54 307	P	P	05 19 55.0 -0.6
V34A Guthrie	59.54 307 eP			05 19 55.0 -0.6
V34A Guthrie	59.54 307 eP			05 19 55.0 -0.6
T34A McClaskey Farm	59.55 308	P	P	05 19 55.1 -0.6
LJU Ljubljana	59.59 41 i/P			05 19 56.1 +0.3
LJU Ljubljana	59.59 41 i/P			05 19 56.1 +0.3
933A Laredo	59.60 297	P	P	05 19 56.1 -0.1
F36A Milaca	59.60 319	P	P	05 19 54.8 -1.1
W34A Bridge Creek,	59.61 306	P	P	05 19 55.4 -0.8
W34A Bridge Creek,	59.61 306 eP			05 19 55.8 -0.4
W34A Bridge Creek,	59.61 306 eP			05 19 55.8 -0.4
M35A Neola	59.62 314	P	P	05 19 54.9 -1.2
KSU1 Kansas State U	59.63 311	P	P	05 19 54.8 -1.4
KSU1 Kansas State U	59.63 311 eP			05 19 55.2 -1.0
KSU1 Kansas State U	59.63 311 eP			05 19 55.1 -1.0
S34A Willow Spring	59.65 309	P	P	05 19 55.7 -0.7
ROTZ Rotzenmuhle	59.66 36 eP			05 19 56.0 -0.3
E36A McGregor	59.67 320	P	P	05 19 55.4 -0.9
K35A Storm Lake	59.68 315	P	P	05 19 55.4 -1.1
U34A Anderson Ranch	59.69 308	P	P	05 19 55.9 -0.8
U34A Anderson Ranch	59.69 308 eP			05 19 56.1 -0.6
U34A Anderson Ranch	59.69 308 eP			05 19 56.1 -0.6
L35A Gielow Farm, R	59.71 314	P	P	05 19 55.4 -1.3
MOX Moxa	59.71 35 eP			05 19 56.4 -0.2
MOX Moxa	59.71 35 eP			05 19 56.4 -0.2
533A Kerrville	59.73 300	P	P	05 19 56.1 -1.0
NRDL Niedersach Ric	59.76 33 eP			05 19 57.2 +0.5
633A Saathoff Ranch	59.76 299	P	P	05 19 56.3 -1.0
733A Divot King Ran	59.76 298	P	P	05 19 56.6 -0.7
OBKA Obir	59.77 40 i/P			05 19 57.3 +0.1
WET Wetzell	59.79 37 eP			05 19 56.5 -0.7
833A Chaparral WMA,	59.80 298	P	P	05 19 56.8 -0.7
Q34A Chapman	59.83 310	P	P	05 19 56.5 -1.1
D36A Godland	59.87 321	P	P	05 19 56.8 -0.9
J35A Milford	59.87 316	P	P	05 19 56.6 -1.2
I35A Creekview Farm	59.88 316	P	P	05 19 57.2 -0.7
333A Richland Sprin	59.88 301	P	P	05 19 57.0 -1.1
433A Art	59.88 301	P	P	05 19 56.9 -1.2
C36A Pine Crest Far	59.89 321	P	P	05 19 56.5 -1.4
R34A Isabella, Hill	59.91 310	P	P	05 19 57.1 -1.1
P34A Walnut Farm, R	59.91 311	P	P	05 19 57.2 -0.9
233A Rising Star	59.92 302	P	P	05 19 57.3 -1.1
O34A Beatrice	59.98 312	P	P	05 19 57.5 -1.2
G35A Watkins	60.00 318	P	P	05 19 57.9 -0.7
N34A Lincoln	60.02 313	P	P	05 19 57.9 -1.0
Z33A Whitaker Ranch	60.03 304	P	P	05 19 58.0 -1.1
133A Hamilton Ranch	60.03 303	P	P	05 19 57.6 -1.5
Y33A Hilltop Ranch,	60.05 305	P	P	05 19 58.1 -1.1
X33A Lawton	60.05 305	P	P	05 19 57.5 -1.7
H35A Sunnyside Ranc	60.05 317	P	P	05 19 58.2 -0.9
TANN Tannenbergshta	60.09 36 eP			05 19 59.0 -0.2
MOA Mota	60.11 39 i/P			05 19 58.6 -0.8
U33A Lingo Farm, Me	60.14 307	P	P	05 19 59.0 -0.8
V33A Lossen Ranch,	60.14 307	P	P	05 19 58.9 -0.9
SOKA Soboth	60.15 40 i/P			05 19 59.2 -0.6
W33A Caddo, Fort Co	60.15 306	P	P	05 19 58.8 -1.1
GERC GERESS Array S	60.16 38 eP			05 19 59.2 -0.6
GERC GERESS Array S	60.16 38 eP			05 19 59.0 -0.8
GERC GERESS Array S	60.16 38 eP			05 19 59.2 -0.6
GERC GERESS Array S	60.16 38 eP			05 19 59.2 -0.6
GERES GERESS Array B	60.16 38 P			05 19 59.1 -0.8
GERES GERESS Array B	60.16 38 P			05 19 59.1 -0.8
PERS Pernice	60.18 40 i/P			05 19 59.4 -0.5
PERS Pernice	60.18 40 i/P			05 19 59.4 -0.5
KHC Kasperske Hory	60.20 37 eP			05 19 59.7 -0.3
KHC Kasperske Hory	60.20 37 eP			05 19 59.7 -0.3
KHC Kasperske Hory	60.20 37 eP			05 19 59.7 -0.3
KHC Kasperske Hory	60.20 37 eP			05 19 59.7 -0.3
L34A Svendsen Farm,	60.26 314	P	P	05 19 59.3 -1.2
M34A Aspy Farms, Fr	60.27 313	P	P	05 19 59.3 -1.3

K34A Le Mars	60.27 315	P	P	05 19 59.0 -1.6
F35A Swanville	60.28 319	P	P	05 19 59.4 -1.2
632A Uvalde	60.29 299	P	P	05 20 00.5 -0.5
832A Faith Ranch, C	60.30 298	P	P	05 20 00.1 -0.9
S33A Kaszmaul Farm,	60.31 309	P	P	05 20 00.5 -0.5
WMOK Wichita Mounta	60.32 305 eP			05 19 59.6 -1.5
WMOK Wichita Mounta	60.32 305 eP			05 19 59.6 -1.5
WMOK Wichita Mounta	60.32 305 eP			05 19 59.6 -1.5
732A Lawson Ranch,	60.35 298	P	P	05 20 01.1 -0.2
J34A George	60.36 316	P	P	05 19 60.0 -1.2
T33A Patterson Ranc	60.39 308	P	P	05 20 00.7 -0.8
D35A Remer	60.39 320	P	P	05 20 00.0 -1.3
E35A Pequot Lakes	60.43 319	P	P	05 20 00.2 -1.3
JCT Junction City	60.44 300 eP			05 20 01.3 -0.7
JCT Junction City	60.44 300 eP			05 20 01.0 -1.0
JCT Junction City	60.44 300 eP			05 20 01.3 -0.7
JCT Junction City	60.44 300 eP			05 20 01.3 -0.7
R33A Olander Ranch,	60.47 310	P	P	05 20 01.4 -0.6
532A Rocksprings	60.48 300	P	P	05 20 01.4 -0.9
432A Menard	60.49 301	P	P	05 20 01.2 -1.1
Q33A Connelly Farm,	60.52 310	P	P	05 20 01.4 -1.0
232A Colman	60.52 302	P	P	05 20 01.7 -0.8
332A Millersview	60.53 301	P	P	05 20 01.1 -1.5
P33A Williams Farm,	60.53 311	P	P	05 20 01.3 -1.1
I34A Hadley	60.53 316	P	P	05 20 01.7 -0.7
C35A Jirik Farms, M	60.58 321	P	P	05 20 01.4 -1.2
BSEB Bad Segeberg	60.58 31 eP			05 20 02.4 0.0
O33A Hebron	60.61 312	P	P	05 20 01.6 -1.3
Z32A Haskell	60.62 304	P	P	05 20 02.0 -1.1
ABTX Abilene, Hawle	60.64 303	P	P	05 20 02.4 -0.9
ABTX Abilene, Hawle	60.64 303 eP			05 20 02.8 -0.5
ABTX Abilene, Hawle	60.64 303 eP			05 20 02.8 -0.5
X32A Elmer	60.67 305	P	P	05 20 01.7 -1.7
ARSA Arzberg	60.67 40 i/P			05 20 01.7 -1.5
B35A Bob, Littlefor	60.67 322	P	P	05 20 01.7 -1.5
H34A Spell				

EGUA	8.8nm,0.3s,SNR=7.9	1.73 233	Pn	Pn	05 37 42.4 +2.0
EGUA	10nm,0.2s,SNR=7.9		Lg	Lg	05 38 07.7
EADA	8.8nm,0.3s,SNR=7.9	2.18 278	Pn	Pn	05 37 47.4 +0.7
EADA	4.2nm,0.1s,SNR=44		Sn	Sn	05 38 14.8 +1.2
EADA	52nm,0.2s,SNR=14		Lg	Lg	05 38 22.8
EADA	9.8nm,0.2s,SNR=5.0	2.18 278	Pn	Pn	05 37 47.4 +0.7
EADA	4.2nm,0.1s,SNR=44		Sn	Sn	05 38 14.8 +1.2
EADA	52nm,0.2s,SNR=14		Lg	Lg	05 38 22.8
EMAL	9.8nm,0.2s,SNR=5.0	2.35 242	Pn	Pb	05 37 52.2 -0.6
EMAL	Malaga-Limoner		Pn	Pb	05 38 20.1 +2.5
EMAL	Malaga-Limoner	2.35 242	Pn	Pb	05 37 52.2 -0.6
EMAL			eS	eS	05 38 20.1 +2.5
ESDC	Sonseca Array	2.44 318	Pn	Pg	05 37 50.8 +0.5
ESDC	Torete		Pg	Pg	05 37 56.3 -1.2
ESDC	0.5nm,0.2s,baz=132,slow=17,SNR=42		Sn	Sn	05 38 21.4 +1.4
ESDC	6.8nm,0.2s,baz=130,slow=24,SNR=7.9		Lg	Lg	05 38 29.5
ESDC	32nm,0.4s,baz=136,slow=29,SNR=12		Lg	Lg	05 38 29.5
ESDC	Sonseca Array	2.44 318	Pn	Pn	05 37 50.8 +0.5
ESDC	Sonseca Array	2.44 318	Pg	Pg	05 37 56.3 -1.2
ESDC	4.5nm,0.2s,SNR=42		Sn	Sn	05 38 21.4 +1.4
ESDC	6.8nm,0.2s,SNR=7.9		Lg	Lg	05 38 29.5
ESDC	32nm,0.4s,SNR=12		Lg	Lg	05 38 29.5
EMIJ	Mijas	2.69 242	Pg	Pb	05 37 60.0 +1.4
EMIJ	Mijas	2.69 242	Pg	Pb	05 38 00.0 +1.4
EMOS	Mosqueruela	2.70 23	Pn	Pg	05 37 54.6 +0.7
EMOS	0.8nm,0.2s,SNR=7.9		Pg	Pg	05 38 02.2 -0.2
EMOS	6.4nm,0.4s,SNR=7.9		Sn	Sn	05 38 27.1 +0.6
EMOS	0.7nm,0.4s,SNR=7.9		Sn	Sn	05 38 37.1
EMOS	1.8nm,0.2s,SNR=7.9		Lg	Lg	05 38 37.1
EMOS	0.8nm,0.2s,SNR=7.9	2.70 23	Pn	Pn	05 37 54.6 +0.7
ECAB	Ei Cabril	2.84 275	Pn	Pn	05 37 56.1 +0.4
ECAB	3.5nm,0.1s,SNR=63		Sn	Sn	05 38 30.2 +0.5
ECAB	19nm,0.3s,SNR=75		Lg	Lg	05 38 41.6
ECAB	2.1nm,0.3s,SNR=5.0		Lg	Lg	05 38 41.6
ECAB	Ei Cabril	2.84 275	Pn	Pn	05 37 56.1 +0.4
ECAB	3.5nm,0.1s,SNR=63		Sn	Sn	05 38 30.2 +0.5
ECAB	19nm,0.3s,SNR=75		Lg	Lg	05 38 41.6
ECAB	2.1nm,0.3s,SNR=5.0		Lg	Lg	05 38 41.6
ETOR	Torete	2.94 357	Pn	Pn	05 37 58.8 +1.7
ETOR	4.4nm,0.3s,SNR=7.9		Pg	Pg	05 38 06.9 -0.1
ETOR	7.7nm,0.2s,SNR=7.9		Sn	Sn	05 38 32.3 0.0
ETOR	20nm,0.2s,SNR=7.9		Lg	Lg	05 38 46.6
ETOR	11nm,0.3s,SNR=7.9	2.94 357	Pn	Pn	05 37 58.8 +1.7
ETOR	Torete		Pn	Pn	05 38 03.0 -1.1
ETOR	4.4nm,0.3s,SNR=7.9		Lg	Lg	05 38 06.9 -0.1
LJJA	Lijar	3.00 252	Pg	Pb	05 38 03.0 -1.1
LJJA	Lijar	3.00 252	Pg	Pb	05 38 03.0 -1.1
LJJA	Lijar	3.00 252	eP	eP	05 38 04.0 +2.0
LJJA	Lijar	3.00 252	Lg	Lg	05 38 12.5 -1.3
GUD	Guadarrama	3.29 328	Pn	Pg	05 38 12.5 -1.3
GUD	0.2nm,0.4s,SNR=9.6		Pg	Pg	05 38 40.6 -0.5
GUD	2.3nm,0.2s,SNR=7.9		Sn	Sn	05 38 56.0
GUD	0.7nm,0.4s,SNR=7.9		Lg	Lg	05 38 56.0
GUD	6.1nm,0.2s,SNR=9.8		Lg	Lg	05 38 04.0 +2.0
GUD	Guadarrama	3.29 328	Pn	Pn	05 38 09.5 +0.2
EMIN	Mina Concepcio	3.83 270	Pn	Pn	05 38 53.9 -0.3
EMIN	0.2nm,0.4s,SNR=9.6		Pn	Pn	05 39 13.7
EMIN	0.7nm,0.2s,SNR=16		Sn	Sn	05 38 09.5 +0.2
EMIN	1.0nm,0.2s,SNR=8.7		Lg	Lg	05 38 53.9 -0.3
EMIN	3.1nm,0.2s,SNR=6.7		Lg	Lg	05 39 13.7
EMIN	0.7nm,0.2s,SNR=16	3.83 270	Pn	Pn	05 38 09.5 +0.2
EMIN	1.0nm,0.2s,SNR=8.7		Sn	Sn	05 38 53.9 -0.3
EMIN	3.1nm,0.2s,SNR=6.7		Lg	Lg	05 39 13.7
EPLA	Plasencia	3.96 305	Pn	Pn	05 38 11.6 +0.5
EPLA	1.9nm,0.2s,SNR=18		Pg	Pb	05 38 22.8 +2.5
EPLA	1.4nm,0.2s,SNR=7.9		Sn	Sn	05 38 57.0 -0.4
EPLA	1.0nm,0.2s,SNR=7.9		Lg	Lg	05 39 14.7
EPLA	5.3nm,0.2s,SNR=5.0		Lg	Lg	05 38 11.6 +0.5
EPLA	Plasencia	3.96 305	Pn	Pn	05 38 11.6 +0.5
ESAC	San Caprasio	3.98 15	Lg	Lg	05 39 16.2
ESAC	68nm,0.4s,SNR=7.9		Lg	Lg	05 39 16.2
ESAC	San Caprasio	3.98 15	Lg	Lg	05 39 16.2
ESAC	68nm,0.4s,SNR=7.9		Lg	Lg	05 39 16.2
PBAR	Barancos	4.12 276	ePn	Pn	05 38 14.2 +0.9
PBAR	Barancos		eS	eS	05 39 00.5 -0.7
PBAR	Barancos		eSg	eSg	05 39 23.1 +0.1
PBAR	Barancos		A	A	05 39 26.6
PBAR	Barancos	4.12 276	Pn	Pn	05 38 14.2 +0.9
PBAR	Barancos		Sn	Sn	05 39 00.5 -0.7
PBAR	Barancos		Lg	Lg	05 39 23.1
PBAR	Barancos		Lg	Lg	05 38 14.2 +0.9
PBAR	Barancos	4.12 276	Pn	Pn	05 39 00.5 -0.7
PBAR	Barancos		eSg	eSg	05 39 23.1 +0.1
EPOB	Poblet	4.13 32	Pn	Pn	05 38 14.7 +1.2
EPOB	1.7nm,0.3s,SNR=7.9		Sn	Sn	05 39 00.4 -1.3
EPOB	0.1nm,0.4s,SNR=7.9		Sn	Sn	05 38 14.7 +1.2
EPOB	1.7nm,0.3s,SNR=7.9		Sn	Sn	05 39 00.4 -1.3
EPOB	0.1nm,0.4s,SNR=7.9		Sn	Sn	05 38 14.7 +1.2
EBAD	Badajoz	4.16 284	Pn	Pn	05 38 14.1 +0.2
EBAD	0.9nm,0.1s,SNR=11		Sn	Sn	05 39 02.9 +0.5
EBAD	12nm,0.2s,SNR=16		Lg	Lg	05 39 24.8
EBAD	12nm,0.2s,SNR=5.0		Lg	Lg	05 38 14.1 +0.2
EBAD	Badajoz	4.16 284	Pn	Pn	05 39 02.9 +0.5
EBAD	0.9nm,0.1s,SNR=11		Sn	Sn	05 39 02.9 +0.5
EBAD	12nm,0.2s,SNR=16		Lg	Lg	05 39 24.8
EGRO	Ei Granado	4.49 267	Pn	Pn	05 38 18.8 +0.4
EGRO	1.2nm,0.2s,SNR=11		Sn	Sn	05 39 09.6 -0.9
EGRO	7.8nm,0.2s,SNR=5.7		Lg	Lg	05 39 35.0
EGRO	2.3nm,0.2s,SNR=5.0		Lg	Lg	05 38 18.8 +0.4
EGRO	Ei Granado	4.49 267	Pn	Pn	05 38 18.8 +0.4
EGRO	1.2nm,0.2s,SNR=11		Sn	Sn	05 39 09.6 -0.9
EGRO	7.8nm,0.2s,SNR=5.7		Lg	Lg	05 39 35.0
EGRO	2.3nm,0.2s,SNR=5.0		Lg	Lg	05 38 18.8 +0.4
PMRV	Marv??o	4.62 291	ePn	Pn	05 38 21.2 +1.1
PMRV	PMRV		eS	eS	05 39 13.6 +0.1
PMRV	PMRV		eSg	eSg	05 39 39.2 +0.3
PMRV	PMRV		A	A	05 39 39.2
PMRV	18nm,0.5s	4.62 291	Pn	Pn	05 38 21.2 +1.1
PMRV	PMRV		Sn	Sn	05 39 13.6 +0.1
PMRV	PMRV		Lg	Lg	05 39 39.2

PMRV	Marv??o	4.62 291	Pn	Pn	05 38 21.2 +1.1
PMRV	PMRV		Sn	Sn	05 39 13.6 +0.1
PMRV	PMRV		eSg	eSg	05 39 39.2 +0.3
PVAO	Vaqueiros	4.69 266	ePn	Pn	05 38 21.4 +0.3
PVAO	Vaqueiros		Sn	Sn	05 39 14.7 -0.7
PVAO	Vaqueiros		eSg	eSg	05 39 39.5 -1.8
PVAO	Vaqueiros		A	A	05 39 50.1
PVAO	Vaqueiros	4.69 266	Pn	Pn	05 38 21.4 +0.3
PVAO	Vaqueiros		Sn	Sn	05 39 14.7 -0.7
PVAO	Vaqueiros		Lg	Lg	05 39 39.5
PVAO	Vaqueiros	4.69 266	Pn	Pn	05 38 21.4 +0.3
PVAO	Vaqueiros		Sn	Sn	05 39 14.7 -0.7
PVAO	Vaqueiros		eSg	eSg	05 39 39.5 -1.8
PCBR	Castelo Branco	4.82 296	ePn	Pn	05 38 23.5 +0.6
PCBR	Castelo Branco		eS	eS	05 39 18.4 -0.1
PCBR	Castelo Branco		eSg	eSg	05 39 44.0 -1.4
PCBR	Castelo Branco		A	A	05 39 52.2
PCBR	Castelo Branco	4.82 296	Pn	Pn	05 38 23.5 +0.6
PCBR	Castelo Branco		Sn	Sn	05 39 18.4 -0.1
PCBR	Castelo Branco		Lg	Lg	05 39 44.0
PCBR	Castelo Branco	4.82 296	Pn	Pn	05 38 23.5 +0.6
PCBR	Castelo Branco		Sn	Sn	05 39 18.4 -0.1
PCBR	Castelo Branco		eSg	eSg	05 39 44.0 -1.4
PBDV	Baranco-do-Ve	4.88 264	ePn	Pn	05 38 24.3 +0.5
PBDV	Baranco-do-Ve		eS	eS	05 39 19.7 -0.5
PBDV	Baranco-do-Ve		A	A	05 39 53.0
PBDV	Baranco-do-Ve	4.88 264	Pn	Pn	05 38 24.3 +0.5
PBDV	Baranco-do-Ve		Sn	Sn	05 39 19.7 -0.5
PBDV	Baranco-do-Ve		Lg	Lg	05 39 53.0
PBDV	Baranco-do-Ve	4.88 264	Pn	Pn	05 38 24.3 +0.5
PBDV	Baranco-do-Ve		Sn	Sn	05 39 19.7 -0.5
PBDV	Baranco-do-Ve		Lg	Lg	05 39 53.0
EVO	Evora	4.91 279	ePn	Pn	05 38 26.1 +0.8
EVO	Evora		eS	eS	05 39 21.7 -1.1
EVO	Evora		eSg	eSg	05 39 50.4 +2.1
EVO	Evora		A	A	05 39 50.4
EVO	Evora	4.91 279	ePn	Pn	05 38 26.1 +0.8
EVO	Evora		eS	eS	05 39 21.7 -1.1
EVO	Evora		eSg	eSg	05 39 50.4 +2.1
EVO	Evora		A	A	05 39 50.4
EVO	Evora	4.91 279	Pn	Pn	05 38 26.1 +0.8
EVO	Evora		Sn	Sn	05 39 21.7 -1.1
EVO	Evora		Lg	Lg	05 39 50.4 +2.1
CSOR	Sort	5.03 26	Pn	Pn	05 38 27.5 +1.6
CSOR	0.5nm,0.2s,SNR=6.7		Sn	Sn	05 39 23.3 -0.6
CSOR	3.6nm,0.4s,SNR=7.9		Sn	Sn	05 38 27.5 +1.6
CSOR	0.5nm,0.2s,SNR=6.7		Sn	Sn	05 39 23.3 -0.6
MESJ	Messejana	5.05 271	eP	Pn	05 38 26.7 +0.6
MESJ	Messejana		eS	eS	05 39 22.0 -2.2
MESJ	Messejana		eSg	eSg	05 39 23.6
MESJ	Messejana		AML	AML	05 39 23.6
MESJ	Messejana	5.05 271	ePn	Pn	05 38 26.7 +0.6
MESJ	Messejana		eS	eS	05 39 22.0 -2.2
MESJ	Messejana		eSg	eSg	05 39 23.6
MESJ	Messejana		AML	AML	05 39 23.6
MESJ	Messejana	5.05 271	Pn	Pn	05 38 26.7 +0.6
MESJ	Messejana		Sn	Sn	05 39 22.0 -2.2
MESJ	Messejana		Lg	Lg	05 39 23.6
ETSF	Etsaut	5.11 11	ePn	Pn	05 38 28.6 +1.7
ETSF	Etsaut		eS	eS	05 38 28.6 +1.7
ETSF	Etsaut		eSg	eSg	05 39 29.0 +1.6
ETSF	Etsaut		A	A	05 39 55.5 +1.2
ETSF	Etsaut	5.11 11	ePn	Pn	05 38 28.6 +1.7
ETSF	Etsaut		eS	eS	05 38 28.6 +1.7
ETSF	Etsaut		eSg	eSg	05 39 29.0 +1.6
ETSF	Etsaut		A	A	05 39 55.5 +1.2
PMTG	Montargil	5.15 285	ePn	Pn	05 38 29.0 +1.6
PMTG	Montargil		eS	eS	05 39 25.5 -1.2
PMTG	Montargil		eSg	eSg	05 39 54.9 -1.2
PMTG	Montargil		A	A	05 39 57.3
PMTG	Montargil	5.15 285	ePn	Pn	05 38 29.0 +1.6
PMTG	Montargil		eS	eS	05 39 25.5 -1.2
PMTG	Montargil		eSg	eSg	05 39 54.9 -1.2
PMTG	Montargil		A	A	05 39 57.3
MVO	Moncorvo	5.18 311	ePn	Pn	05 38 28.9 +0.9
MVO	Moncorvo		eS	eS	05 39 27.6 0.0
MVO	Moncorvo		eSg	eSg	05 39 55.6 -1.5
MVO	Moncorvo		A	A	05 39 55.6
MVO	Moncorvo	5.18 311	Pn	Pn	05 38 28.9 +0.9
MVO	Moncorvo		Sn	Sn	05 39 27.6 0.0
MVO	Moncorvo		Lg	Lg	05 39 55.6 -1.5
MVO	Moncorvo		Lg	Lg	05 39 58.1
MVO	Moncorvo	5.18 311	Pn	Pn	05 38 28.9 +0.9
MVO	Moncorvo		Sn	Sn	05 39 27.6 0.0
MVO	Moncorvo		Lg	Lg	05 39 55.6 -1.5
MVO	Moncorvo		Lg	Lg	05 39 58.1
SJPF	Ste Jean	5.25 5	ePn	Pn	05 38 30.8 +2.0
SJPF	Ste Jean		eS	eS	05 39 27.5 -1.6
SJPF	Ste Jean		eSg	eSg	05 38 30.8 +2.0
SJPF	Ste Jean		A	A	05 39 27.5 -1.6
SJPF	Ste Jean	5.25 5	Pn	Pn	

22d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KATZ, ARHZ, KRZV, PKGZ, OTVZ, etc.

ISC/JB 22 05:41:47.3:0.9, 12.0N:01:43.8E:0.1, h4km, mb3.8/11, MS3.8/8, Error ellipse: s-maj=24.1km s-min=8.1km

IDC 22 05:41:48.0:1.2, 11.89N:43.79E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.8/44, mbtmp3.9/11, MS3.8/8, Ms1.3/7.8, Ms1mx3.3/46, Error ellipse: s-maj=31.7km s-min=14.0km az=153.0

ISC 22 05:41:48.9:1.1, 11.9N:02:43.8E:0.1, h4km, m23, a=15/15, mb3.9/11, MS3.8/8, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATD, FURI, KMBI, MBAR, etc.

ISC/JB 22 05:53:32.1:1.7, 11.9N:03:44.1E:0.2, h4km, mb3.6/6, Error ellipse: s-maj=46.7km s-min=9.8km az=150.0

IDC 22 05:53:32.7:2.3, 11.82N:44.00E, h0km, mb3.7/6, mb1.3/6.6, mb1mx3.5/40, mbtmp3.7/6, Error ellipse: s-maj=61.2km s-min=17.1km az=154.0

ISC 22 05:53:34.2:1.1, 11.8N:03:44.0E:0.2, h4km, n7, a=09/4/8, mb3.8/6, Western Gulf of Aden

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

DDA 22 06:07:27.9, 36.83N:35.92E, h21km, M13.4, Error ellipse: s-maj=3.1km s-min=2.7km az=32.1

ISC 22 06:07:28.0:0.4, 36.87N:02:35.96E:0.02, h6km, 4km, Error ellipse: s-maj=3.3km s-min=3.1km az=54.0

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NSSC 22 06:07:29.1:1.6, 36.96N:36.14E, h15km, 16km, ML2.7, ISC 22 06:07:29.0:0.9, 36.87N:02:35.96E:0.02, h12km, 7km, n73, a=18/11/9, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEYT, CEYH, TAHT, KRYS, etc.

IDC 22 06:09:02.4:3.5, 11.78N:44.01E, h0km, mb3.7/4, mb1.3/7.4, mb1mx3.4/37, mbtmp3.7/4, MS3.0/1, Ms1.3/0.1, ms1mx2.6/40, Error ellipse: s-maj=91.6km s-min=31.3km az=157.0, Western Gulf of Aden

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

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0.5mm, 0.8s, baz=100, slow=7.5, SNR=2.4 MKAR Makanchi Array 47.51 35 P 06 17 38.5 -0.9

ZALV Zalevo Beam 53.01 29 P 06 18 21.9 +1.0

IDC 22 06:10:38.6:1.5, 12.15N:142.98E, h0km, mb3.7/3, mb1.4/2.4, mb1mx3.6/37, mbtmp3.8/4, ML4.0/1, Error ellipse: s-maj=77.3km s-min=23.4km az=124.0, South of Mariana Islands

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

ISC/JB 22 06:22:55.7:1.2, 34.78S:07:05:72.0W:0.1, h45km, 13km, Error ellipse: s-maj=14.1km s-min=8.3km az=175.7

GUC 22 06:22:56.5:0.4, 34.77S:71.95W, h43km, 1km, ML3.7, ISC 22 06:22:55.7:1.2, 34.76S:07:05:72.0W:0.09, h31km, 14km, n21, a=18/3/37, Near coast of central Chile

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

IDC 22 06:23:49.1:6.8, 19.19S:178.08W, h0km, mb3.7/3, mb1.4/1.3, mb1mx3.7/31, mbtmp3.7/31, MS3.5/1, Ms1.3/5.1, ms1mx2.7/32, Error ellipse: s-maj=298.2km s-min=36.2km az=144.0, Fiji Islands

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

AUST 22 06:51:17.4:0.0, 4.58S:151.67E, h102km, Error ellipse: s-maj=5.1km s-min=1.3km az=253.0

ISC/JB 22 06:51:22.0:0.6, 5.24S:07:15:45E:0.09, h100km, mb4.1/1.5, Error ellipse: s-maj=12.8km s-min=8.5km az=25.6

IDC 22 06:51:22.6:3.9, 5.29S:151.57E, h95km, 34km, mb3.9/12, mb1.4/1.3, mb1mx3.9/34, mbtmp3.4/29, Error ellipse: s-maj=22.3km s-min=20.2km az=62.0

NEIC 22 06:51:24.2:2.1, 5.32S:151.52E, h109km, 18km, mb4.3/2, Error ellipse: s-maj=15.4km s-min=13.5km az=225.0

ISC 22 06:51:23.0:0.7, 5.28S:09:15:56.0E:1, h100km, n34, a=09/5/34, mb4.2/15, New Britain region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PFO Pinyon Flat Ob, ULM Lac du Bonnet, NVAR Mina Array Bea, etc.

IDC 22 07:15:52.6:3.8,35775X:102.17W,h0km,mb3.9/4, mb1 4.3/5,mb1mx3.9/22,mbtmp3.9/5,MS3.5/3,MS1 3.5/3, ms1mx3.2/19, Error ellipse: s-maj=106.1km s-min=56.0km az=20.0, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RPN Rapa Nui, PLCA Paso Flores, LPAZ La Paz, etc.

IDC 22 07:37:00.9:1.2,8:90S:126.71E,h0km,mb3.9/4, mb1 4.1/8,mb1mx3.9/26,mbtmp4.0/8,ML4.1/4, Error ellipse: s-maj=31.3km s-min=22.3km az=95.0

ISCJB 22 07:37:03.0:5.1,7.8:45S:0.06:126.81E:0.07,h33km, mb3.9/4, Error ellipse: s-maj=10.4km s-min=6.2km az=33.0

AUST 22 07:37:14.8:2.0,9:45S:126.79E,h94km, Error ellipse: s-maj=2.0km s-min=1.6km az=3.0

ISC 22 07:37:06.1:0.9,9:02S:0.08:126.82E:0.09,h35km,n16, s175/16,mb4.0/4, TIR region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Bautama, MTN Mantion Dam, KDU Kakadu, etc.

ISCJB 22 07:42:30.9:0.4,20:86S:0.03:68.99W:0.08,h114km,5km, mb3.9/7, Error ellipse: s-maj=11.8km s-min=5.6km az=175.8

GUC 22 07:42:31.3:0.4,20:87S:69.23W,h120km,km,ML4.4 IDC 22 07:42:32.8:1.1,20:82S:68.85W,h111km,13km,mb3.7/8, mb1 3.8/12,mb1mx3.7/27,mbtmp4.0/12,MS2.3/2, Ms1 2.4/2,ms1mx2.3/25, Error ellipse: s-maj=19.8km s-min=13.0km az=108.0

ISC 22 07:42:31.8:0.7,20:86S:0.04:69.02W:0.08,h108km,6km, n32:1424/35,mb3.8/7, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01 IPOC Station P, HMBC Humberstone, PSGC Pisagua, etc.

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Table with columns: LPAZ, S, Sn, 07 44 25.0 -7.4, etc. Includes stations like LPAZ, SIV, CFAA, CFAA, CPUP, etc.

IDC 22 08:05:54.4:1.1,33:65S:179.37W,h0km,mb3.9/4, mb1 4.1/5,mb1mx3.9/27,mbtmp4.0/5,ML3.8/1, Error ellipse: s-maj=34.0km s-min=27.7km az=80.0

ISC 22 08:08:00.2:1.4,33:75S:179.01W:0.02,h50km,n49, s165/35,mb3.9/4, South of Kermadec Islands

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

IDC 22 08:05:54.4:1.1,33:65S:179.37W,h0km,mb3.9/4, mb1 4.1/5,mb1mx3.9/27,mbtmp4.0/5,ML3.8/1, Error ellipse: s-maj=34.0km s-min=27.7km az=80.0

ISC 22 08:08:00.2:1.4,33:75S:179.01W:0.02,h50km,n49, s165/35,mb3.9/4, South of Kermadec Islands

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

ISCJB 22 08:06:35.0:5.0,33:97S:0.03:179.33W:0.07,h50km, mb4.4/10,MS3.8/1, Error ellipse: s-maj=8.9km

AUST 22 08:06:35.8:34.08S:179.14W,h35km NEIC 22 08:06:37.4:1.2,33:74S:179.36W,h57km,10km,mb4.5/4, Error ellipse: s-maj=14.4km s-min=10.3km az=108.0

IDC 22 08:06:39.2:2.3,33:63S:179.43W,h69km,20km,mb4.1/8, mb1 4.3/8,mb1mx4.0/26,mbtmp4.4/8,MS3.9/2,Ms1 3.9/2, ms1mx3.3/17, Error ellipse: s-maj=17.6km s-min=14.1km az=93.0

ISC 22 08:06:36.4:0.5,33:89S:0.05:179.19W:0.07,h50km,n93, s160/94,mb4.5/10, 1.C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, WMGZ Waiomatatini S, PKGZ Pakihairoa, etc.

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Table with columns: RAO, S, Sn, 07 44 25.0 -7.4, etc. Includes stations like RAO, RAO, RAO, etc.

IDC 22 08:10:12.3:1.8,25:12S:177.20W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.9/30,mbtmp4.3/3, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARHZ Aroapanui, KWHZ Kawata Forest, etc.

IDC 22 08:10:12.3:1.8,25:12S:177.20W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.9/30,mbtmp4.3/3, Error ellipse:

IDC 22 08:10:12.3:1.8,25:12S:177.20W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.9/30,mbtmp4.3/3, Error ellipse:

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

Table with columns: Station Name, Az, El, P, S, Code, Time, Res. Includes stations like PDSI Padang, KSI Kapahiang, PPI Padang Panjang, etc.

Table with columns: Station Name, Az, El, P, S, Code, Time, Res. Includes stations like ASAR 0.7nm,0.7s,baz=297,slow=7.4,SNR=8.9, LZH Lanzhou, etc.

Table with columns: Station Name, Az, El, P, S, Code, Time, Res. Includes stations like WRA Warramunga Arr 37.70 118, ASAR Alice Springs, MKAR Makarora Array, etc.

22d 10h

Table with columns: BANOM, Station Name, SNR, Az, P, Pn, Time, Res. Includes stations like Hatia, Nazwa, Naz, FAQ, ZHFS, ZHSF, ASUD, GHIR.

JMA 22 10:06:28.3, 0.2, 28.85N, 128.67E, h4km, M3.4
ISCJB 22 10:06:31.3, 0.5, 28.79N, 0.03, 128.84E, 0.05, h10km,
mb3.7/9, MS3.3/5, Error ellipse: s-maj=6.7km s-min=-4.3km
az=178.5

IDC 22 10:06:32.0, 0.9, 28.84N, 128.89E, h0km, mb3.6/9,
mb1.3/8.10, mb1mx3.6/46, mbtmp3.6/10, ML2.4/1, MS3.3/6,
Ms1.3/4.6, ms1mx2.8/7.0, Error ellipse: s-maj=31.5km
s-min=15.7km az=77.0

ISC 22 10:06:32.9, 0.7, 28.75N, 0.04, 128.86E, 0.06, h10km, n24,
e=177/21, mb3.7/9, MS3.2/5, Ryukyu Islands

Main table for 22d 10h with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like Takarajima, Amaminishikomi, Amami Oshima, Tokunoshima, Kikaishima, Okinoerabujima, Kuruchatov Arr, etc.

GUC 22 10:18:22.8, 0.4, 36.32S, 74.57W, h21km, 2km, ML4.0, Off
coast of central Chile

Table for GUC 22 10:18:22.8 with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like San Pedro de C, Cobquecura, Chillan, Talca, Nich, Valdivia.

IDC 22 10:20:29.3, 2.2, 3.62S, 99.67E, h0km, mb3.7/6, mb1.3/8/6,
mb1mx3.5/48, mbtmp3.7/6, Error ellipse:
s-maj=109.7km s-min=21.1km az=60.0, Southwest of
Sumatera

Main table for IDC 22 10:20:29.3 with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like Chiang Mai Arr, Diego Garcia H, Cape Leeuwin H, Warramunga Arr, etc.

IGQ 22 10:24:11.0, 4.2, 5.8S, 79.55W, h3km, 70km, MB4.2, Error
ellipse: s-maj=4.4km s-min=1.4km az=23.6
ISCJB 22 10:24:12.4, 0.2, 2.72S, 0.03, 79.38W, 0.03, h100km,
mb4.2/18, Error ellipse: s-maj=4.4km s-min=3.8km
az=29.1

IDC 22 10:24:13.2, 2.2, 2.62S, 79.23W, h92km, 20km, mb3.9/16,
mb1.4/1/19, mb1mx3.9/46, mbtmp4.3/19, MS2.9/2,
Ms1.2/9.2, ms1mx2.7/24, Error ellipse: s-maj=21.0km
s-min=10.7km az=62.0

NEIC 22 10:24:14.0, 0.9, 2.63S, 79.15W, h101km, 8km, mb4.3/4,
Error ellipse: s-maj=12.9km s-min=6.3km az=68.0
NEIC Felt at Cuenca and Guayaquil.

ISC 22 10:24:13.9, 0.4, 2.71S, 0.04, 79.26W, 0.07, h100km, n315,
e=67/13/17, mb4.1/18, 16C-1D, Near coast of Ecuador

Table for ISC 22 10:24:13.9 with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like Riobamba, Trival station, BMAS, BPAT.

2010 NOV

Main table for 2010 NOV with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like Tunuragua Vol, Estacion Bilba, Ulba Tunuragua, etc.

1088

Main table for 1088 with columns: Code, Station Name, Az, P, Pn, Time, Res. Includes stations like Hilltop Ranch, W63A Weturka, W36A Canehill, etc.

22d 11h

ISC 22 10:39:37.0,5,6,13S:0.04:130.44E:0.06,h124km,n46, c1998/47,mb4.1/0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like BNDI, SAUI, SAUI, SAUI, etc.

ISC/B 22 10:52:18.1-0.7, 48.9S:0.1x106.7E:0.3,h10km,mb4.0/7, MS3.7/9, Error ellipse: s-maj=33.7km s-min=13.5km

IDC 22 10:52:18.3-0.9, 48.91S:106.7E:h0km,mb4.1/7, mb1.4/2.7, mb1mx4.0/2.0, mbtp4.0/7, MS3.6/9, Ms1.3/7.9, ms1mx3.4/2.3, Error ellipse: s-maj=41.1km s-min=18.0km az=106.0

ISC 22 10:52:19.7-0.8, 48.9S:0.1x106.7E:0.3,h10km,n21, c078/13,mb4.1/7,MS3.7/9,Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H01W2, H01W1, H01W3, MAW, etc.

2010 NOV

TXAR Lajitas Array 149.67 119 PKPbc PKPbc 11 12 09.2 -0.4 1.1nm,1.0s,baz=198,slow=6.4,SNR=8.3

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

NEIC 22 10:54:16.6,37.13S:177.41E,h145km,MG4.3(WEL), After WEL.

WEL 22 10:54:16.7-0.3,37.13S:177.40E,h145km,2km,ML4.3/20, 30C-13D, Error ellipse: s-maj=2.1km s-min=1.7km az=0.0, Off east coast of North Island

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

1090

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

KRSC 22 10:58:05.6:1.3, 52.08N:160.75E,h59km,20km,ML3.5, Off east coast of Kamchatka Peninsula

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

ISC/B 22 11:06:42.7-0.4, 37.38N:0.03:36.41E:0.03,h1km,5km, Error ellipse: s-maj=4.7km s-min=3.5km az=9.9

DDA 22 11:06:42.3, 37.39N:36.41E,h7km,Md2.9

CSEM 22 11:06:42.9, 1.37:40N:36.42E,h2km,MD2.9, Error ellipse: s-maj=3.5km s-min=3.0km az=166.0

ISC 22 11:06:42.7, 0.37:43N:36.44E,h6km,ML2.3

ISC 22 11:06:42.7-0.9, 37.41N:0.03:36.41E:0.02,h10km,7km, n26, c08/47/43, Turkey

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

ellipse: s-maj=10.5km s-min=6.4km az=178.0
PRU 22 13:15:27.4.51.51N.16.06E.h0km
ISC 22 13:15:26.9.1.6.51.52N.0.07.16.04E.0.04.h0km,n23,
c#052/36,Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KSP Ksiaz, UPC Ulice, DPC Dobruska-Polom, etc.

WEL 22 13:22:21.1.0.3.39.155x174.93E.h197km,2km,ML3.5/5,
3C-5D, Error ellipse: s-maj=2.0km s-min=1.6km az=90.0,
North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PKVZ Pokaka, TRVZ Turoa, WNVZ Wahianoa, etc.

CSEM 22 13:26:27.0.2.42.39N-19.64E,h10km,ML2.7,Error
ellipse: s-maj=4.0km s-min=2.6km az=155.0
BDG 22 13:26:27.0.5.42.38N-19.66E,h12km,3km,ML2.4/7
PEO 22 13:26:27.0.3.42.36N-19.60E,h20km,MD2.8/5,
ML2.7/9, Error ellipse: s-maj=0.5km s-min=0.6km az=80.0
ISC 22 13:26:27.5.0.9.42.38N.0.02.19.63E.0.113km,8km,
n51,c#64/83,20C-12D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PDG Podgorica, TTG Podgorica, PVP Plovdiv, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IVA Brajci-Budva, BUM Brajci-Budva, CEME Cevo, etc.

ISC 22 13:26:59.6.2.5.175.95x176.13W,h0km,mb3.5/4,
mb1 3.9/5,mb1mx3.7/43,mbtmp3.6/5,ML3.2/1,MS3.3/4,
Ms1 3.3/4,ms1mx3.0/24, Error ellipse: s-maj=264.1km
s-min=24.6km az=157.0,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, AFI Afiamalu, RAO Raoul Island, etc.

ISC 22 13:33:47.0.9.1.50.515x109.21E,h0km,mb3.3/3,
mb1 3.6/3,mb1mx3.5/35,mbtmp3.3/3,MS3.2/1,Ms1 3.2/1,
ms1mx2.8/13, Error ellipse: s-maj=290.1km
s-min=33.4km az=102.0,Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISC 22 13:44:27.9.1.2.30.74N-84.14E,h0km,mb3.4/5,
mb1 3.6/7,mb1mx3.4/47,mbtmp3.5/7,ML3.7/2,MS2.9/1,
Ms1 3.1/1,ms1mx2.5/26, Error ellipse: s-maj=33.5km
s-min=22.5km az=66.0
ISC/JB 22 13:44:29.8.1.1.30.70N.0.1x84.1E.0.2,h26km,mb3.3/4,
Error ellipse: s-maj=29.5km s-min=14.4km az=154.0
ISC 22 13:44:32.1.1.1.30.8N.0.2x84.3E.0.2,h26km,n8,c#996/8,
mb3.5/4,Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AAK Ala-Archa, MKAR Makanchi Arr, CMAR Chiang Mai Arr, etc.

NEIC 22 14:12:57.0.0.2.18.755x169.28E,mb5.1/44,Error
ellipse: s-maj=5.8km s-min=4.3km az=157.0
ISC/JB 22 14:12:57.4.0.7.18.815x169.27E.0.02,h257km,7km,
mb4.9/27, Error ellipse: s-maj=6.0km s-min=3.8km
az=119.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AAK Ala-Archa, MKAR Makanchi Arr, CMAR Chiang Mai Arr, etc.

GCMT 22 14:12:57.0.0.3.18.815x169.21E,h250km,2km,
MMV5.1/66, Moment Tensor Solution, s43,c51, s66,c19;
Duration: 0 Moment tensor: Scale 1016Nm; Mr0.95±.97;
Mw-0.04±.20; Mw-0.91±.18; Ms1.14±.22; Mw-3.54±.15;
Mw-4.88±.17; Best double couple: Mo6.16900x10^16
NP1=177.00000°,84.00000°,1.54.00000°. NP2:
φ=80.00000°,δ=36.00000°,λ=171.00000°. Principal axes: T
6.5600,Plg40.0000°,Azms55.0000°;N-0.7820,
Plg36.0000°,Azml181.0000°;P-5.7780,Plg30.0000°.
Azms296.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
BJJ 22 14:12:58.9.18.285x169.37E,h258km,mb4.9/41,
mb4.9/26

AUST 22 14:12:60.0.1.1.18.885x169.20E,h259km,11km,Error
ellipse: s-maj=5.9km s-min=4.9km az=55.0
ISC 22 14:12:58.5.0.3.18.845x169.29E.0.04,h257km,2km,
h257km,pP-P,n380,c1#22/423,mb4.9/97,17C-10D,
Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM Dum Dumac, DZM Dum Dumac, MSFV Nonsavu, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TIAR, FAKI, BNDI, PMOR, VAH, FITZ, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PSI, GSI, SKNT, HABR, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M02C, PASC, VES, CMB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like VYHS, ARCES, SURA, TRTT, NB2, NOA, NOX, TAXI, TIRK, INUK, ILAR, WRA, WRAB, WRAB, ASAR.

KRSC 22 14:18:50.9:1.7,49.06N,155.77E,h205km,23km,ML3.9, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like SKR, ASAK, RUS, UGLR, KOK, AVH, SMAR, SDLR, SDR, KRX, GNL, SPN, KBTR.

NEIC 22 14:20:59.5, 17.37N, 95.35W, h138km, MD4.1 (MEX), After MEX.

MEX 22 14:20:59.0:9, 17.37N, 95.35W, h138km, 14km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like HUIG, TPIG, PNIG, TLIG, CGIG.

JMA 22 14:21:36.0:0.3, 28.26N, 140.55E, h375km, 4km, M3.9, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like CBJJ, JHHU, BSO1, BSO3, JHY, JRT, JHO.

IDC 22 14:24:50.3:1.4, 12.02N, 94.67E, h0km, mb3.5/5, mbl 3.6/m, mb1mx3.4/49, mbtrmp3.4/6, ML3.2/1, MS3.0/2, Ms1 3.1/2, ms1mx2.5/44, Error ellipse: s-maj=50.5km s-min=24.5km az=58.0

ISC 22 14:24:53.5:1.3, 12.12N, 0.2-94.8E, 0.2, h18km, n15, o181/12, mb3.5/6, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like CMAR, TAPN, RAMN, PKI, GUN, DMN, GKN, KOLN, MKAR, KURBB, ZALV, WRA, ASAR, OPO, BRTR.

CASC 22 14:32:07.1:2.8, 9.46N, 83.69W, h5km, 7km, MD3.6, 3C, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like BUS, QCR, CGA, BRUZ, TBSZ, FORC, CEDE.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like JCR, AMAS, PTEN, CUU, MESS, GBSZ, AZU.

BUC 22 14:40:03.8:1.4, 44.44N, 28.50E, h10km, 5km, MD1.9/4, 6C-2D, Error ellipse: s-maj=8.3km s-min=5.3km az=108.0, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like TIRR, TLB, HARR, CFR.

BUI 22 14:40:52.8, 17.72S, 177.98W, h587km, mb4.5/14, mb4.8/6

ISC/BJ 22 14:40:55.0:2, 17.92S, 0.07, 178.58W, 0.03, h600km, mb4.6/13, Error ellipse: s-maj=9.6km s-min=3.3km az=162.4

BGR 22 14:40:55.2, 18.34S, 176.24W, h600km

NEIC 22 14:40:55.2, 0.5, 17.93S, 178.51W, h586km, 6km, mb4.7/67, Error ellipse: s-maj=8.8km s-min=3.9km az=153.0

NEIC Felt at Nausori, IDC 22 14:40:58.6:1.9, 17.99S, 178.57W, h626km, 22km, mb4.1/26, mb1 4.2/27, mb1mx4.0/40, mbtrmp5.0/27, Error ellipse: s-maj=14.3km s-min=9.1km az=145.0

ISC 22 14:40:56.1:0.4, 17.91S, 0.09, 178.53W, 0.06, h600km, n383, o696/397, mb4.6/113, 1C, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like MSVF, AFI, DZM, URZ, HNR, EIDS, ARMA, CTA, CTAO, CAN, PMG, PMG, COEN, GENI, BBO, WRAB, WRA, ASO1, ASAR, ASAR, ASAR, GUMO, MTN, FAKI, SJJI, FITZ, FITZ, LBMI, SOEI, SOEI, TNTI, BATI, MBWA, KMSI, LUWI, LUWI, LUWI, BSSI, APSI, MRSI, KAPI, SPSI, PCI, KBKI, BBKI, MJAR, MAT, SMRI, QSPA, TPUB, KSM, PETK, KSRK, KSAR, USRK.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like SMMC, KMRM, ARVC, 109C, MWC, YES, MURC, BFSC, EDWZ, NJ2, NJ2, ISA, ISA, MONP, CMB, N02D, O03D, M02C, SWSC, KDAK, YBH, MTUM, BELC, TIN, DAC, GSC, GSC, HEC, BC3, M4A, GLO4, QIZ, QIZ, QIZ, QIZ, QIZ, GRAC, GMRC, FURC, IRM, NV01, NVAR, SHOC, TUQ, Y12C, Y04D, 214A, MOD, J05D, SHPR, H04A, RSO, I05D, E03A, R11A, R11A, W10R, G05D, SPU, TUC, G06A, I07A, J08A, J08A, IPM, CCUT, TTA, PMR, ELK, WUAZ, WUAZ, B05A, G08A, DIV, LTY, E07A, HAWA, BCRM, SCLT, BMO, MSU, SEY, MFID, SKNT, PSI, MAW, D08A.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like KTH Kantishna Hill, TRF Thorofare Moun, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like CHTO Chiang Mai, CHTO 531A, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like J28A Allard Ranch, R32M Long Quarter, and many others.

Technical notes and station identifiers including:
IDC 22:14:43:51.0, 1.3, 67S, 99:34E, h0km, mb4.2/12,
mb1 4.3/13, mb1mx4.0/45, mbtmp4.2/13, ML3.3/1, MS3.4/4,
Ms1 3.4/4, ms1mx2.9/45, Error ellipse: s-maj=40.3km
s-min=15.3km az=45.0
NEIC 22:14:43:53.7, 0.9, 3:33S, 99:67E, h10km, mb4.4/4, Error
ellipse: s-maj=24.4km s-min=10.6km az=52.0
ISCJB 22:14:43:54.4, 0.5, 3:44S, 0:04, 99:56E, 0:04, h33km,
mb4.2/15, MS3.5/4, Error ellipse: s-maj=7.9km
s-min=3.5km az=41.6
DJA 22:14:43:56.0, 0.5, 3:54S, 10:0E, h65km, 7km, MA.5/16,
mb4.8/5, mb5.1/4, MLV4.4/14, MLV4.4/16, Mw(mb)4.4/4
BUJ 22:14:44:00.7, 2:83S, 99:43E, h32km, mb4.5/7, mb5/0.5
ISC 22:14:43:56.4, 0.8, 3:48S, 0:07, 99:52E, 0:08, h35km, n49,
s161/48, mb4.3/15, MS3.4/4, Southwest of Sumatra

22d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDSI Maura Dua, LWLI Liwa, GSI Gunungsitoli, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, ASAJ Liwa, ASAJ Gunungsitoli, etc.

1098

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VRAC 61nm,0.3s, VRAC 61nm,0.3s, etc.

1099

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOX, GRAI, BZS, BURAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL, APZ, DCZ, WHZ, etc.

ISCJB 22 15:09:60.0, 0.1, 11.9N:0.1:43.99E:0.08, h4km, mb3.8/9, MS3.1/7, Error ellipse: s-maj=20.6km s-min=8.3km az=153.0

IDC 22 15:10:00.6:1.2, 11.68N:43.96E, h0km, mb3.9/8, mb1.4/0.8, mb1mx3.7/4.2, mbtmp3.9/8, MS3.2/8, Ms1 3.2/8, ms1mx3.0/4.3, Error ellipse: s-maj=33.6km s-min=15.4km az=164.0

NEIC 22 15:10:02.4:0.8, 11.90N:43.90E, h10km, mb4.1/1, Error ellipse: s-maj=21.8km s-min=12.9km az=148.0

CSEM 22 15:10:02.3, 11.90N:43.90E, h10km, mb4.1/1, After NEIC 22 15:10:01.4:0.9, 11.9N:0.1:43.9E:0.1, h4km, n20, e0.93/13, mb3.9/9, MS3.1/7, Ethiopia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATD, DAMY, FURI, KMBO, etc.

MEX 22 15:25:42.7:0.6, 14.51N:92.38W, h72km, 8km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG, CCIG, TGIG, etc.

IDC 22 15:27:18.7:3.5, 5.52S:152.22E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.3/4.5, mbtmp3.3/3, ML1.3/1, MS3.9/1, Ms1 3.9/1, ms1mx2.8/1.5, Error ellipse: s-maj=146.2km s-min=47.3km az=125.0, New Britain region

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TORO, BUTH, BIFH, etc.

IDC 22 15:37:14.0:1.5, 15.40S:175.02W, h278km, 24km, mb2.8/4, mb1 3.2/5, mb1mx3.0/28, mbtmp3.5/5, Error ellipse: s-maj=96.5km s-min=19.0km az=147.0, Tonga Islands

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

CSEM 22 15:43:54.9:0.2, 33.78N:35.71E, h10km, ML2.8, Error ellipse: s-maj=4.2km s-min=3.2km az=69.0

NSCC 22 15:43:54.9:0.3, 33.78N:35.69E, h10km, 3km, ML 1.6

ISCJB 22 15:43:55.3:0.6, 33.78N:0.03:35.74E:0.05, h8km, 6km, Error ellipse: s-maj=7.7km s-min=4.9km az=172.7

GRAL 22 15:43:55.9:0.3, 33.79N:35.78E, h0km, 20km, MD2.8

ISC 22 15:43:54.9:0.9, 33.78N:0.03:35.70E:0.03, h14km, 6km, n22, e0.92/38, Jordan - Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHL, DQRL, BEYL, etc.

IDC 22 15:48:33.1:1.0, 18.05S:168.13E, h0km, mb4.0/9, mb1 4.3/10, mb1mx4.1/33, mbtmp4.1/10, ML4.6/1, MS3.4/5, Ms1 3.4/5, ms1mx3.1/37, Error ellipse: s-maj=24.8km s-min=23.5km az=97.0

ISCJB 22 15:48:37.0:0.5, 18.24S:0.06:167.99E:0.08, h32km, mb4.0/11, MS3.4/4, Error ellipse: s-maj=11.2km s-min=8.9km az=11.1

NEIC 22 15:48:43.6:1.4, 18.14S:168.07E, h2km, 15km, mb4.2/2, Error ellipse: s-maj=15.9km s-min=10.9km az=199.0

ISC 22 15:48:38.9:0.7, 18.23S:0.08:167.94E:0.10, h32km, n24, e1.94/21, mb4.1/11, MS3.4/4, Vanuatu Islands

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

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

IDC 22 15:49:43.8:0.9, 8.90N:126.87E, h0km, mb3.8/8, mb1 3.9/10, mb1mx3.7/43, mbtmp3.8/10, ML4.0/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/52, Error ellipse: s-maj=33.9km s-min=16.7km az=73.0

NEIC 22 15:49:45.2:0.6, 8.84N:126.80E, h10km, mb4.0/1, Error ellipse: s-maj=20.2km s-min=9.0km az=80.0

MAN 22 15:49:46.8:5.2N:126.73E, h2km, mb4.8, ML3.7, MS3.7

ISC 22 15:49:47.9:1.6, 8.61N:0.04:126.70E:0.08, h28km, 11km, n25, e1.73/33, mb3.7/9, 1C-2D, Mindanao

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

IDC 22 15:52:31.1:2.3, 16.80S:177.83W, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/37, mbtmp3.8/4, MS3.8/2, Ms1 3.8/2, ms1mx2.8/39, Error ellipse: s-maj=129.3km s-min=28.3km az=150.0, Fiji Islands region

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

IDC 22 16:00:14.9:1.4, 6.36N:127.12E, h203km, 10km, mb3.6/14, mb1 3.8/15, mb1mx3.6/39, mbtmp4.3/15, Error ellipse: s-maj=29.0km s-min=9.0km az=72.0

ISCJB 22 16:00:14.5:0.4, 6.31N:0.03:127.00E:0.05, h208km, 3km, mb3.9/17, Error ellipse: s-maj=8.4km s-min=3.7km az=159.3

BUI 22 16:00:15.9:6.25N:126.62E, h206km, mb4.5/22, MB4.8/11

MAN 22 16:00:16.6:6.4N:127.05E, h192km, mb4.9, ML3.8, MS3.9

NEIC 22 16:00:16.1:0.9, 6.31N:126.85E, h211km, mb4.9, mb4.6/9, Error ellipse: s-maj=20.2km s-min=8.7km az=70.0

DJA 22 16:00:23.9:1.0, 6.1N:8.127E, h187km, 30km, M4.5/15, mb4.5/15, mb4.9/19, ML4.9/9, MbW16.4/2.9

AUST 22 16:00:25.1:6.00N:127.51E, h300km, ISC 22 16:00:26.0:0.5, 6.29N:0.04:126.98E:0.07, h209km, 3km, n83, e1.98/109, mb4.0/17, 2C-12D, Mindanao

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AFI, RAR, MGCD, ARMA, ARMA, MCQ, CNB, MILA, CAN, CAN, CAN, YNG, EIDS, EIDS, EIDS, TBI, TBI, TAU, TAU, TAU, MOO, RMQ, TOO, CMSA, PAE, PPT2, PPT2, PPT, PPT, HNR, ARPS, QLP, VAH, VAH, CTA, CTA, CTA, CTA, TARA, TARA, MTSU, BBOO, BBOO, BBOO, BBOO, PMG, PMG, PMG, RKT, RKT, COEN, COEN, COEN, XMAS, XMAS, AS01, AS01, AS31, ASAR, ASAR, PTCN, PTCN, WB2.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRAB, WRAB, WRAB, WRAB, WRA, WRA, MANU, SBA, SBA, SBA, Vnda, Vnda, Vnda, JAY, KDU, GENI, KMBL, MTN, MTN, MTN, KNRA, JOHN, JOHN, FITZ, FITZ, FITZ, SAUI, SAUI, SAUI, NWA0, NWA0, KLRB, MEEK, BLDU, WAKE, WAKE, FAKI, FAKI, FAKI, FAKI, MORW, MORW, MBWA, MBWA, BNDI, QSPA, QSPA, QSPA, SJI, SJI, SWI, MSAI, SOEI, SOEI, SOEI, SOEI, POHA, POHA, BATI, BATI, BATI, NLAI, MIR, MIR, MMRI, MMRI, MMRI, EDFI, LBMI, PALU, SANI, WSI, TNTI, TNTI, TNTI, MIDW, MIDW, KDI, BSSI, BSKI, LUWI, LUWI, LUWI, LUWI, LUWI.

22d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMSI, KAPI, KAPI, KAPI, KAPI, TWSI, SPSI, APSI, TTSI, IGBI, JAGI, JAGI, JAGI, DAV, DAV, DAV, MAW, MAW, MAW, MAW, PMSA, PMSA, UGM, UGM, SMRI, SMRI, TSM, TSM, CISI, CISI, XMSI, XMSI, KKM, KKM, KKM, KDM, KDM, SYO, SYO, SBUM, SBUM, SBUM, SBUM, SNA, SNA, SNA, SNA, SNA, KSM, KSM, KSM, KSM, VNA3, VNA3, NVL, NVL, NVL, NVL, VNA1, VNA1, JHJ, JHJ, JHJ, PAF, PAF, MNAI, MNAI, COCO, COCO, TWG, TWG, YULB, YULB, EFI, EFI, MJAR, MJAR, MAJO, MAJO, MAJO, MYKOM, MYKOM, MYKOM, PLCA, PLCA, PLCA, PLCA, TPUB, TPUB, SSSL, SSSL, KGM, KGM, YHNB, YHNB, TATO, TATO, TATO, JNU, JNU, JNU.

22d 16h

Table with columns: Station, Name, Time, Frequency, Mode, and various performance metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

2010 NOV

Table with columns: Station, Name, Time, Frequency, Mode, and various performance metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

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Table with columns: Station, Name, Time, Frequency, Mode, and various performance metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

22d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like V34A, CBKS, COLD, U34A, RSSD, PALK, LAO, TUL1, MIAR, ULN, KSU1, RER, BGNE, SONM, DGMT, VBMS, SAML, LSA, CHLP, SPB, INK, ECSD, PVM, OXF, BRAL, PBMO, CCM, ADKI, SCIA, RCLA, TRIS, NJS, SLM, MTDJ, SRLM, SIUC, FFC, URV, AGMN, SDV, HYB, RPR.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SPMN, SWET, USIN, HDIL, ULM, SRSP, JFWS, TIXI, GOGA, WCI, GTBY, KLRI, SFIN, ABPO, SUR, BDFB, EYMN, COWI, LGNH, PTGA, PAPH, NHSC, KMSC, BOA, SDDR, WMQ, AAM, BLM, SDD, FCC, GLMI, GRTK, MNEY, CNCC, ALLY, CBN, SJG, CPD, HUMP, SDMM, SADO, GRGR, MK01, MKAR, MKAR, MKAR, STVI, MAKZ, ZAAO, ZALV, LUPA.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BINY, RES, RES, RES, RES, FDF, ODNJ, ODNJ, KSH, KSH, KSH, KSH, BBGH, PAL, ANWB, LONY, ULHL, NCB, TRY, YLE, ACCN, KZA, TKM2, TKM2, TKM2, TKM2, KBK, UCH, CHMS, HNH, FRU, FRU, FRU, FRU, AAK, AAK, AAK, HRV, USP, FFD, LBNH, AML, EKS2, EKS2, EKS2, KBL, KBL, LSZ, LSZ, WVL, PKME, KKAR, KKAR, EMMW, PPI, PPI, BRVK, BRVK, BRVK, JMDO, SMDO, RBK, SHEL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LCO LOO, LCO LCO, LCO VACH, etc.

IPEC 22 17:33:39.2,0.4,49.84N;18.55E, h0km,3km, ML1.2/3, Error ellipse: s-maj=2.4km s-min=2.0km az=110.0

PRU 22 17:33:41.0,49.85N;18.42E, h0km CSEM 22 17:33:40.2,0.3,49.85N;18.42E, h1km, ML1.9/5, Error ellipse: s-maj=6.2km s-min=2.9km az=23.0, Czech and Slovak Republics

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

IPEC 22 17:35:17.5,0.2,49.82N;18.56E, h0km,3km, ML1.4/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PRU 22 17:35:19.0,49.86N;18.44E, h0km CSEM 22 17:35:18.1,0.3,49.84N;18.43E, h2km, ML2.2/6, Error ellipse: s-maj=7.3km s-min=3.9km az=11.0, Czech and Slovak Republics

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOPC GO Pecny, Ondr, KHC Kasperske Hory, etc.

MEX 22 17:42:03.1,0.6,17.04N;100.42W, h14km,2km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACAP2 Acapulco, ARIG Arig, etc.

IDC 22 17:44:48.9,3.3,33.53S;178.66W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.5/34, mbtmp3.7/3, ML3.6/1, Error ellipse: s-maj=73.3km s-min=37.0km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Ala Springs, WRA Warramunga Arr, etc.

IDC 22 17:49:48.8,1.0,3.79S;99.60E, h0km, mb4.4/19, mb1 4.5/20, mb1mx3.4/34, mbtmp4.4/20, ML3.3/1, MS4.2/2, MS1 4.2/2, ms1mx3.2/49, Error ellipse: s-maj=28.9km s-min=18.1km az=31.0

NEIC 22 17:49:51.1,0.6,3.66S;99.61E, h10km, mb4.7/8, Error ellipse: s-maj=14.1km s-min=7.1km az=46.0

ISCJ 22 17:49:52.8,0.4,3.64S;0.04;99.69E;0.03, h33km, mb4.5/28, MS4.1/2, Error ellipse: s-maj=5.9km s-min=3.1km az=37.8

DJA 22 17:49:54.0,0.4,4.3S;3.10E, h54km,7km, M4.5/23, mb4.3/1, mb5.7/2, MLV4.5/23, MW(mb)5.2/2

ISC 22 17:49:54.6,0.6,3.65S;0.07;99.68E;0.07, h35km, n87, +136.89, mb4.6/28, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, SISI Saibi, PDSI Padang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NONG Nongkai, CMAR Chiang Mai, CMAR Chiang Mai, CMAT Chiang Mai, etc.

IDC 22 17:51:36.9,1.2,8.64S;112.08E, h0km, mb3.9/10, mb1 4.0/11, mb1mx3.8/39, mbtmp3.9/11, ML3.9/11, MS3.8/1, MS1 3.8/1, ms1mx2.9/39, Error ellipse: s-maj=51.0km s-min=18.2km az=48.0

ISCJ 22 17:51:41.9,0.7,9.02S;0.06;111.97E;0.04, h59km,6km, mb3.9/13, MS3.8/1, Error ellipse: s-maj=10.9km s-min=5.1km az=22.1

NEIC 22 17:51:41.6,0.7,8.84S;111.96E, h35km, mb4.4/2, Error ellipse: s-maj=22.4km s-min=8.8km az=215.0

NEIC Fell [I] at Bilhar, DJA 22 17:51:44.3,0.6,9.54S;1.12E, h36km,5km, M4.4/20, mb4.6/1, MLV4.3/20

ISC 22 17:51:41.7,1.1,9.06S;0.08;111.99E;0.04, h45km,11km, n34, +195/40, mb4.0/13, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PWJI Pagerwojo, PCJI Pakitan, WQJ Wonogiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MJAR, SONM, MKAR, ZALV, BVAR, PETK, ABKAR, KBZ, BRTR.

IDC 22 17:54:05.0, 2.9, 33.75S, 179.74E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.7/32, mbmtpp4.0/4, ML3.7/1, Error ellipse: s-maj=58.9km s-min=44.6km az=100.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for URZ, CTA, ASAR, WRA, FINES.

AUST 22 17:58:34.8, 6.48S, 130.54E, h100km, ISCJB 22 17:58:35.6, 6.6, 6.56S, 130.20E, h10km, mb3.5/1, Error ellipse: s-maj=11.0km s-min=7.0km az=20.7

IDC 22 17:58:36.2, 6.4, 6.56S, 130.23E, h132km, 27km, mb3.4/1, mb1 3.5/6, mb1mx3.2/26, mbmtpp3.9/6, Error ellipse: s-maj=29.9km s-min=20.5km az=108.0

ISC 22 17:58:36.2, 0.9, 6.49S, 130.33E, 0.1, h150km, n14, 184B/16, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for FAKI, SUII, SUIJ, MTN, KDU, SOEI, BATI, FITZ, WRA, ASAR, WRKA, MKAR.

IDC 22 18:03:12.4, 1.2, 12.79S, 167.01E, h0km, mb3.4/5, mb1 3.7/5, mb1mx3.6/32, mbmtpp3.4/5, Error ellipse: s-maj=40.7km s-min=28.4km az=118.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA, ASAR, VVDA, SONM, ILAR.

MEX 22 18:19:01.4, 0.6, 17.39N, 101.39W, h6km, 4km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ZIIG, CAIG, ARIG, ACX, MEIG, PLIG, MMIG, TLIG.

ISCJB 22 18:23:48.3, 0.8, 12.0'N, 02.44.0'E, 0.1, h4km, mb3.6/6, Error ellipse: s-maj=25.0km s-min=9.3km az=151.4

IDC 22 18:23:49.0, 1.1, 11.96N, 43.99E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/34, mbmtpp3.6/6, Error ellipse: s-maj=36.4km s-min=17.2km az=154.0

ISC 22 18:23:49.6, 1.0, 12.0'N, 02.44.0'E, 0.1, h4km, n8, 0975/8, mb3.6/6, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ATD, KMB0, BRTR, MKAR, ZALV, CMAR, SONM, ASAR.

ISCJB 22 18:38:49.5, 1.0, 18.2S, 02.178.8W, 0.2, h550km, mb3.7/6, Error ellipse: s-maj=26.1km s-min=16.8km az=142.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM, URZ, CMSA, QLP, STKA, WRA, WRA, ASAR, ASAR, KDU, MTN, WRKA, KNRA, FITZ, MEEK, ILAR, PDAR, CMAR, MKAR, BRTR, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM, URZ, CMSA, QLP, STKA, WRA, WRA, ASAR, ASAR, KDU, MTN, WRKA, KNRA, FITZ, MEEK, ILAR, PDAR, CMAR, MKAR, BRTR, GERES.

IDC 22 18:38:50.2, 4.4, 18.19S, 178.71W, h546km, 49km, mb3.2/7, mb1 3.4/8, mb1mx3.1/28, mbmtpp4.0/4, Error ellipse: s-maj=33.5km s-min=25.1km az=174.0

AUST 22 18:39:30.3, 1.0, 18.2S, 02.178.7W, 0.2, h550km, n19, 0566/21, mb3.5/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM, URZ, CMSA, QLP, STKA, WRA, WRA, ASAR, ASAR, KDU, MTN, WRKA, KNRA, FITZ, MEEK, ILAR, PDAR, CMAR, MKAR, BRTR, GERES.

MAN 22 18:41:53, 13.60N, 120.60E, h97km, mb4.4, ML3.2, MS3.1, 1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for PGP, LUBP, SUMP, BUSP, ENPP.

ISCJB 22 18:51:33.5, 0.4, 60.42S, 0.06, 45.2W, 0.1, h10km, mb4.2/20, MS3.6/4, Error ellipse: s-maj=11.9km s-min=6.9km az=145.7

IDC 22 18:51:33.3, 0.5, 60.46S, 45.32W, h0km, mb4.2/14, mb1 4.3/15, mb1mx4.2/24, mbmtpp4.3/15, ML4.8/1, MS3.7/6, Ms1 3.7/6, mb1mx3.5/27, Error ellipse: s-maj=21.4km s-min=12.7km az=57.0

NEIC 22 18:51:34.7, 0.3, 60.48S, 45.26W, h10km, mb4.7/6, Error ellipse: s-maj=9.9km s-min=7.5km az=70.0

AWI 22 18:51:48.3, 60.98S, 43.44W, h30km, n44, 1912/38, mb4.3/20, MS3.7/3, Scotia Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HOPE, PMSA, PMSA, USHA, USHA, VNA3, VNA1, VNA2, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, TRQA, PLCA, PMSA, QSPA, CFAA, CFAA, CPUP, CPUP, SBA, VVDA, LVC, MAW, MAW, BDFB, SIV, SIV, LAUZ, LAUZ, SAML, SAML, BOSB, BOSB, H10S2, H10S2, H10S1, H10S1, H10N2, H10N2, H10N1, H10N1, ATAH, ATAH, OTAV, OTAV, LSZ, LSZ, DBIC, DBIC.

ISCJB 22 18:51:33.5, 0.4, 60.42S, 0.06, 45.2W, 0.1, h10km, mb4.2/20, MS3.6/4, Error ellipse: s-maj=11.9km s-min=6.9km az=145.7

IDC 22 18:51:33.3, 0.5, 60.46S, 45.32W, h0km, mb4.2/14, mb1 4.3/15, mb1mx4.2/24, mbmtpp4.3/15, ML4.8/1, MS3.7/6, Ms1 3.7/6, mb1mx3.5/27, Error ellipse: s-maj=21.4km s-min=12.7km az=57.0

NEIC 22 18:51:34.7, 0.3, 60.48S, 45.26W, h10km, mb4.7/6, Error ellipse: s-maj=9.9km s-min=7.5km az=70.0

AWI 22 18:51:48.3, 60.98S, 43.44W, h30km, n44, 1912/38, mb4.3/20, MS3.7/3, Scotia Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HOPE, PMSA, PMSA, USHA, USHA, VNA3, VNA1, VNA2, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, TRQA, PLCA, PMSA, QSPA, CFAA, CFAA, CPUP, CPUP, SBA, VVDA, LVC, MAW, MAW, BDFB, SIV, SIV, LAUZ, LAUZ, SAML, SAML, BOSB, BOSB, H10S2, H10S2, H10S1, H10S1, H10N2, H10N2, H10N1, H10N1, ATAH, ATAH, OTAV, OTAV, LSZ, LSZ, DBIC, DBIC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TORD, ASAR, ASAR, CMAR, ABKAR, BRVK, ILAR, COLA, MKAR, ZALV.

IDC 22 19:07:03.5, 3.2, 3.78S, 99.66E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.3/32, mbmtpp3.5/6, Error ellipse: s-maj=126.6km s-min=20.2km az=58.0, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR, H0S2, H0S3, H0S1, WRA, ASAR, SONM, MKAR, TXAR.

FUNV 22 19:14:48.5, 6.37N, 73.54W, h124km, MW3.5, 3C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAPV, VIGV, SOCV, ELOY, VIRV, QARV, SANV, CURV, DABV, TEVP, SIQV, BAUV, MONV, TURV, CUPV.

IDC 22 19:17:19.3, 0.6, 33.40S, 178.80W, h0km, mb4.4/12, mb1 4.6/14, mb1mx4.4/31, mbmtpp4.5/14, ML5.0/1, MS3.9/13, Ms1 3.9/13, ms1mx3.7/28, Error ellipse: s-maj=21.0km s-min=17.9km az=93.0

NEIC 22 19:17:22.3, 0.8, 33.46S, 178.81W, h19km, 22km, mb4.6/5, Error ellipse: s-maj=12.6km s-min=9.4km az=106.0

ISCJB 22 19:17:24.5, 0.6, 33.74S, 0.03, 178.87W, 0.09, h48km, mb4.4/16, MS3.9/13, Error ellipse: s-maj=11.1km s-min=4.6km az=9.9

AUST 22 19:17:24.7, 34.03S, 178.55W, h30km, ISC 22 19:17:24.1, 0.6, 33.64S, 0.06, 178.97W, 0.09, h48km, n99, 1567/92, mb4.6/16, MS3.9/13, 1C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for RAO, RAO, RAO, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUZ, PUZ, PUZ, TWGZ, CNGZ, TKGZ, MWZ, MWZ, URZ, URZ, URZ, URZ, RAGZ, RAGZ, RIGZ, RIGZ, PRGZ, SHANNON, KNZ, MHGZ, RAHZ, OUZ, NMHZ, ARHZ, BKZ, MCHZ, CKHZ, KWHZ, KAHZ, OTVZ, KERU, BHHZ, FWVZ, BFZ, BFZ, MRZ, MRZ, HOWZ, KIWZ, CTZH, KHZ, RPZ, RPZ, DZM, DZM, EIDS, EIDS, TBI, TBI, RMQ, RMQ, CMSA, CMSA.

ISCJB 22 19:17:24.5, 0.6, 33.74S, 0.03, 178.87W, 0.09, h48km, mb4.4/16, MS3.9/13, Error ellipse: s-maj=11.1km s-min=4.6km az=9.9

AUST 22 19:17:24.7, 34.03S, 178.55W, h30km, ISC 22 19:17:24.1, 0.6, 33.64S, 0.06, 178.97W, 0.09, h48km, n99, 1567/92, mb4.6/16, MS3.9/13, 1C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for RAO, RAO, RAO, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUZ, PUZ, PUZ, TWGZ, CNGZ, TKGZ, MWZ, MWZ, URZ, URZ, URZ, URZ, RAGZ, RAGZ, RIGZ, RIGZ, PRGZ, SHANNON, KNZ, MHGZ, RAHZ, OUZ, NMHZ, ARHZ, BKZ, MCHZ, CKHZ, KWHZ, KAHZ, OTVZ, KERU, BHHZ, FWVZ, BFZ, BFZ, MRZ, MRZ, HOWZ, KIWZ, CTZH, KHZ, RPZ, RPZ, DZM, DZM, EIDS, EIDS, TBI, TBI, RMQ, RMQ, CMSA, CMSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PPTZ, Papeete2, HNR, Honiara, STKA, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUST, ISCB, DJA, IS2, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC, mb1, ms1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC, mb1, ms1, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC, H10S2, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Chiang Mai, DZM, etc.

ISCJB 22:01:53.2±1.1, 10.70S;0.1°161.7E±0.1, h61km, mb3.7/6, Error ellipse: s-maj=22.4km s-min=13.6km az=41.7

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

ISCJB 22:04:09.1±0.5, 5.03N;0.03°183.6E±0.03, h0km, Error ellipse: s-maj=4.7km s-min=2.5km az=17.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raciborz, Ostrava-Krasne, MORC, etc.

ISCJB 22:04:26.09±0.2, 5.05N;18.46E, h0km, mb1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0

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

ISC 22:04:29.2±1.9, 33.61S;178.92W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.7/34, mbmp3.9/3, ML4.0/1, Error ellipse: s-maj=67.1km s-min=35.3km az=118.0, South of Kermadec Islands

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

JMA 22:16:19.9±0.2, 23.93N;122.37E, h24km, 4km, M2.5

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

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

ISCJB 22:04:15.3±1.1, 10.70S;0.1°161.7E±0.1, h61km, mb3.7/6, Error ellipse: s-maj=22.4km s-min=13.6km az=41.7

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

ISCJB 22:04:09.1±0.5, 5.03N;0.03°183.6E±0.03, h0km, Error ellipse: s-maj=4.7km s-min=2.5km az=17.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raciborz, Ostrava-Krasne, MORC, etc.

ISCJB 22:04:26.09±0.2, 5.05N;18.46E, h0km, mb1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0

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

ISC 22:04:29.2±1.9, 33.61S;178.92W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.7/34, mbmp3.9/3, ML4.0/1, Error ellipse: s-maj=67.1km s-min=35.3km az=118.0, South of Kermadec Islands

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

JMA 22:16:19.9±0.2, 23.93N;122.37E, h24km, 4km, M2.5

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

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

ISCJB 22:13:35.37±1.0, 10.20S;0.09°116.39E±0.08, h76km, mb2.6/1, Error ellipse: s-maj=14.2km s-min=8.3km az=37.3

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

ISC 22:13:39.5±1.4, 10.15S;0.1°116.39E±0.08, h76km, n6, ±184.9, South of Sumbawa

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

ISC 22:13:39.36±7.2, 18.07S;177.13W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/26, mbmp3.5/3, Error ellipse: s-maj=361.2km s-min=39.1km az=143.0, Fiji Islands

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

DSN 22:13:39.7±0.0, 27.93N;57.06E, h15km, mb3.4/6, ML4.0/3, Error ellipse: s-maj=11.2km s-min=3.4km az=292.0

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

ISC 22:13:39.41±3.1, 27.80N;0.06°57.29E±0.06, h24km, n14, ±082/18, 2C-3D, Southern Iran

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

NIED 22:14:00.36±20N, 142.50E, h8km, Mw3.6 Best double couple: M=2.63000x1014 NP1:±173.00000°, ±52.00000°, 748.00000°, NP2:±49.00000°, ±54.00000°, ±131.00000°

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

JMA 22:14:17.2±0.2, 36.17N;142.49E, h76km, M3.5

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

ISCJB 22:14:15.5±0.8, 36.14N;0.04°142.53E±0.06, h18km, mb3.6/5, Error ellipse: s-maj=7.2km s-min=6.2km az=174.8

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

IDC 22-21:50:03.0.2.5, 12.70S;-167.04E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/33, mbmtmp3.7/4, Error ellipse: s-maj=116.2km s-min=29.5km az=135.0, Santa Cruz Islands

ISCJB 22-21:58:32.9.0.7, 31.53S;-02:69.49W, 0.04, h133km, 7km, Error ellipse: s-maj=5.3km s-min=3.8km az=20.9

GUC 22-21:58:34.1.0.5, 31.54S;-69.87W, h150km, 14km, ML3.8

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

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

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

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

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

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

ISCJB 22-22:02:25.5.1.3, 11.7N;02:43.9E, 0.1, h10km, mb3.5/7, Error ellipse: s-maj=32.2km s-min=9.3km az=158.6

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

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

ISCJB 22-22:03:09.9.1.2, 12.0N;02:43.9E, 0.2, h4km, mb3.6/6, Error ellipse: s-maj=37.2km s-min=14.5km az=150.8

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

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

ISCJB 22-22:03:20.4.0.4, 11.85N;02:43.9E, 0.05, h4km, mb4.2/22, Error ellipse: s-maj=8.4km s-min=5.2km az=44.0

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

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

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

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

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

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

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

ISCJB 22-22:34:00.5.1.1, 23.96N;03:122.39E, 0.02, h14km, 8km, Error ellipse: s-maj=6.1km s-min=2.5km az=161.4

n34, c0561/54, 2C, Taiwan region									
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC	ISC
						h	m	s	ISC
JYNG	Yonagunijimaku	0.70	50	P	Pb	22 34	14.1	+0.1	
JYNG	Chiawan	0.70	277	eS	Sb	22 34	22.3	-0.9	
ENA	Nanau	0.70	307	Pg	Sg	22 34	24.3	+0.5	
YON	Yonaguni jima	0.75	52	P	Pb	22 34	14.9	-0.1	
YJ	Shilin	0.77	323	P	Pb	22 34	15.0	-0.2	
ESL	Shilin	0.87	258	eP	Pg	22 34	16.7	-0.2	
TWE	Neicheng	0.96	319	P	Pg	22 34	19.1	-0.1	
ENTT	Nioudou	0.97	311	P	Pg	22 34	19.2	-0.1	
NNS	Nan Shan	1.00	296	iP	Pn	22 34	19.7	0.0	
NNS	Nan Shan			S	Sn	22 34	33.2	-0.1	
WHF	Hehuan Shan	1.01	278	eP	Pb	22 34	19.6	-0.1	
WHF	Hehuan Shan			eS	Sb	22 34	33.2	+0.5	
EHY	Hungye	1.07	243	eP	Pb	22 34	20.4	0.0	
EHY	Hungye			eS	Sb	22 34	33.8	-0.3	
TWT	Tachien	1.11	283	eP	Pg	22 34	21.9	-0.2	
TWT	Tachien			eS	Sb	22 34	37.0	+0.2	
NSK	Sanguang	1.14	307	iP	Pn	22 34	21.7	+0.1	
WDT	Danda	1.15	258	eP	Pn	22 34	21.8	-0.1	
WDT	Danda			eS	Sb	22 34	35.9	-0.7	
TWF1	Yuli	1.17	237	eP	Pn	22 34	21.9	0.0	
TWF1	Yuli			eS	Sb	22 34	36.5	-0.4	
NWF	Wu-fen Shan	1.19	334	eP	Pb	22 34	22.5	0.0	
CHKT	Chengkung	1.28	226	eP	Pn	22 34	23.2	-0.1	
CHKT	Chengkung			eS	Sn	22 34	37.5	-2.5	
IRIF	Iriomote-Funau	1.29	75	P	Pb	22 34	23.8	+0.3	
IRIF	Iriomote-Funau			eS	Sb	22 34	41.2	+0.7	
SMLT	Sun Moon Lake	1.34	265	eP	Pb	22 34	25.5	+0.4	
SMLT	Sun Moon Lake			eS	Sb	22 34	42.6	+0.7	
TYC	Yuchr	1.38	266	eP	Pb	22 34	26.0	+0.3	
TYC	Yuchr			eS	Sg	22 34	44.2	-1.0	
YUS	Yu-Shan	1.39	249	eS	Sn	22 34	43.2	-0.2	
NSTT	Nanjuang	1.39	297	P	Pb	22 34	26.5	+0.6	
ELDTW	Lidau	1.47	237	eP	Pn	22 34	26.7	+0.6	
TWQ1	Liyutan	1.49	284	eP	Pb	22 34	28.1	+0.5	
ALS	Alishan	1.51	251	eP	Pb	22 34	28.4	+0.4	
ALS	Alishan			eS	Sn	22 34	46.2	+0.2	
JKRS	Kuro-shima	1.52	81	P	Pb	22 34	28.4	+0.3	
JKRS	Kuro-shima			eS	Sb	22 34	47.5	+0.4	
CHNS	Tsauling	1.59	256	eP	Pb	22 34	28.9	-0.4	
CHNS	Tsauling			eS	Sn	22 34	49.4	+0.2	
JJU	Ishigaki jima	1.67	77	P	Pn	22 34	29.3	+0.6	
JJU	Ishigaki jima			eS	Sn	22 34	48.6	-1.0	
STYT	Tauyuan	1.69	241	eP	Pn	22 34	29.6	+0.5	
STYT	Tauyuan			eS	Sn	22 34	51.2	+0.9	
CHN4	Tsashan	1.75	249	eP	Pb	22 34	32.1	+0.2	
CHN4	Tsashan			S	Sb	22 34	54.3	+0.9	
WTP	Ta-pu	1.77	245	eP	Pn	22 34	31.9	-0.5	
CHN1	Nanshi	1.87	245	eP	Pn	22 34	31.9	+0.5	
CHN1	Nanshi			eS	Sb	22 34	57.1	+0.1	
JISG	Ishigakijimahi	1.87	71	P	Pn	22 34	31.7	+0.2	
JISG	Ishigakijimahi			eS	Sn	22 34	55.0	+0.4	
EAST	Anshuo	2.13	221	eP	Pn	22 34	36.5	+1.4	

CSEM 22 22:47:01.1±0.1, 44°02'N, 21°29'E, h5km, ML1.9, Error ellipse: s-maj=3.1km s-min=2.6km az=29.0

BEO 22 22:47:02.2±0.2, 44°01'N, 21°29'E, h0km, ML1.9/1, 8C-8D,

Northwestern Balkan Peninsula									
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC	ISC
						h	m	s	ISC
SVIS	Svilajnac	0.26	348	iP	Pg	22 47	06.8	-0.4	
GRUS	Gruza	0.43	254	iP	Pg	22 47	09.4	-1.1	
GRUS	Gruza			eS	Sg	22 47	15.4	-0.8	
GRUS	Gruza	0.43	254	iP	Pg	22 47	09.4	-1.1	
GRUS	Gruza			eS	Sg	22 47	15.4	-0.8	
BOVS	Bovan	0.48	141	iP	Pg	22 47	10.9	-0.5	
BOVS	Bovan			iS	Sg	22 47	17.6	-0.1	
BOVS	Bovan	0.48	141	iP	Pg	22 47	10.9	-0.5	
BOVS	Bovan			iS	Sg	22 47	17.6	-0.1	
KUBS	Kucevo	0.49	34	eP	Pg	22 47	09.9	-1.7	
KUBS	Kucevo			iS	Sg	22 47	16.8	-1.2	
KUBS	Kucevo	0.49	34	eP	Pg	22 47	09.9	-1.7	
KUBS	Kucevo			iS	Sg	22 47	16.8	-1.2	
BOLS	Boljevac	0.51	110	eP	Pg	22 47	10.6	-1.5	
BOLS	Boljevac			eS	Sg	22 47	10.6	-1.5	
TRUS	Trudelj	0.67	289	eP	Pg	22 47	13.5	-1.6	
TRUS	Trudelj			eS	Sg	22 47	22.4	-1.5	
TRUS	Trudelj	0.67	289	eP	Pg	22 47	13.5	-1.6	
TRUS	Trudelj			eS	Sg	22 47	22.4	-1.5	
SELS	Selova	0.80	189	eP	Pg	22 47	15.8	-1.8	
SELS	Selova			iS	Sg	22 47	27.2	-0.8	
IVAS	Ivanjica	0.93	243	eP	Pg	22 47	19.2	-1.0	
IVAS	Ivanjica			eS	Sg	22 47	32.1	-0.2	
IVAS	Ivanjica	0.93	243	eP	Pg	22 47	19.2	-1.0	
IVAS	Ivanjica			eS	Sg	22 47	32.1	-0.2	
DIVS	Divibare	0.94	276	eP	Pg	22 47	20.5	+0.1	
DIVS	Divibare			iS	Sg	22 47	33.2	+0.5	
DIVS	Divibare	0.94	276	eP	Pg	22 47	20.5	+0.1	
DIVS	Divibare			iS	Sg	22 47	33.2	+0.5	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	31.4	-1.3	
DIVS	Divibare			eS	Sg	22 47	31.4	-1.3	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	31.4	-1.3	
DIVS	Divibare			eS	Sg	22 47	31.4	-1.3	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	31.4	-1.3	
DIVS	Divibare			eS	Sg	22 47	31.4	-1.3	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg	22 47	18.0	-2.4	
DIVS	Divibare			eS	Sg	22 47	20.5	+0.1	
DIVS	Divibare	0.94	276	eP	Pg				

Table of astronomical observations for 2010 NOV, columns include object name, RA, Dec, mag, and other parameters.

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NIED 23 00:17:00.29; 10N; 129.40E; h5km; Mw4.3 Best double couple: M3.41000-1015; NP1.3; 115.00000; 836.00000; 1-96.00000; NP2; 302.00000; 854.00000; 1-86.00000; ISCBJ 23 00:17:41.7; 0.4; 29.06N; 0.02; 129.50E; 0.04; h26km; 3km; mb4.3/31; MS3.2/7; Error ellipse: s-maj=5.7km s-min=3.1km az=17.5 JMA 23 00:17:41.0; 1.1; 29.09N; 129.46E; h29km; 4km; M4.2 JMA Felt II J1. NEIC 23 00:17:45.1; 0.7; 29.00N; 129.50E; h41km; 6km; mb4.8/15; MW4.3(NIED); Error ellipse: s-maj=7.5km s-min=5.4km az=101.0. NEIC (Academi [2 JMA]) on Akusaki-jima and [1 JMA] on Amami-ojima and Suwanose-jima. IDC 23 00:17:47.5; 2.5; 29.09N; 129.41E; h62km; 22km; mb3.7/19; mb1.4/0.22; mb1mx3.8/68; mbtmp4.1/22; ML3.8/3; MS3.3/9; Ms1.3/3.9; ms1mx2.9/49; Error ellipse: s-maj=17.9km s-min=12.4km az=86.0. ISC 23 00:17:41.7; 1.1; 29.04N; 129.52E; 0.05; h16km; 7km; n88; 1928/91; mb4.4/31; MS3.2/7; Ryukyu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRR1 Warramunga Arr, WRA Warramunga Arr, WCA Warramunga Arr, etc.

Table for WBNET 23 00:27:25.2, 50:27N:12:41E, h8km, M10.1, 4C-2D, Germany. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ADC 23 00:27:50.7, 0.9, 35:28S:107:64W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.7/4.1, mbtmp3.7/4, MS3.5, Ms1 3.5/3, ms1mx2.9/1.9, Error ellipse: s-maj=71.0km s-min=27.3km az=81.0

ISC 23 00:27:52.3, 1.0, 35:3S:107:6W, 0.6, h10km, n17, r133/11, mb3.9/4, MS3.5/3, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, ROSC El Rosal, BDFB Brasilia, etc.

ADC 23 00:37:23.0, 4.2, 3:62S:149:10E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/3, mbtmp3.7/3, Error ellipse: s-maj=131.6km s-min=53.1km az=111.0, Bismarck Sea

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

AWI 23 00:37:47.2, 57:17S:27:55W, ADC 23 00:37:56.4, 1.3, 8:53S:27:00W, h0km, mb4.0/3, mb1 4.0/4, mb1mx3.9/3, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=49.3km s-min=30.2km az=104.0

ISC 23 00:37:51.5, 1.9, 58:2S:102:28W, 0.3, h10km, n13, r134/7, mb3.8/4, South Sandwich Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10S3 ASCENSION HYDR50.26, H10S1 ASCENSION HYDR50.27, etc.

ADC 23 00:38:14.6, 0.8, 15:87S:172:48W, h0km, mb4.3/10, mb1 4.6/10, mb1mx4.2/3.1, mbtmp4.3/10, MS3.6/10, Ms1 3.6/10, ms1mx3.3/3.8, Error ellipse: s-maj=39.6km s-min=16.7km az=136.0, ISCVJ 23 00:38:18.2, 0.2, 15:54S:107:81W, 0.8, h29km, mb4.7/33, MS3.7/8, Error ellipse: s-maj=14.5km s-min=5.9km az=136.9, NEIC 23 00:38:20.9, 0.3, 15:54S:172:80W, h35km, mb5.0/23, Error ellipse: s-maj=14.9km s-min=7.0km az=130.0, ISC 23 00:38:19.8, 0.7, 15:4S:102:28W, 0.2, h29km, n89, r123/71, mb4.8/33, MS3.7/8, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, LTZ Lake Taylor, OXZ Oxford, etc.

H1S2 WAKE ISLAND Hy 39.28 328 T, H1S3 WAKE ISLAND Hy 39.29 328 T, H1S1 WAKE ISLAND Hy 39.30 328 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEN Coen, STKA Stephens Creek, BBOO Bucleo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASOI Alice Springs, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNTX Corudas Mount, MNTX Corudas Mount, TX31 Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 429A Davenport Ranc, ILR Eielson Array, ILB Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 531A Rocksprings, 632A Uvalde, 532A Rocksprings, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 332A Millersview, 232A Colman, 433A Art, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 332A Millersview, 232A Colman, 433A Art, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COCH Cobquecura, COCH Cobquecura, TALC Talca, etc.

ADC 23 00:54:43.9, 0.9, 35:60S:103:73W, 0.10, h17km, mb3.5/1, Error ellipse: s-maj=11.4km s-min=4.1km az=5.5, GUC 23 00:54:44.6, 0.5, 35:63S:73:05W, h13km, 2km, ML3.9, ADC 23 00:54:54.0, 4.3, 35:92S:71:61W, h94km, 30km, mb3.1/1, mb1 2.9/4, mb1mx2.9/2.0, mbtmp3.2/4, MS2.7/2, Ms1 2.8/2, ms1mx2.6/9, Error ellipse: s-maj=119.7km s-min=27.0km az=96.0, ISC 23 00:54:44.7, 1.3, 35:63S:104:73, 0.2W, 0.09, h17km, n23, r126/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AUSP Uspallata, ASAL Salagasta, NICH Leoncito, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPFA Coronel Fontan, CPFA Coronel Fontan, RTCC Cerro Villucun, etc.

ADC 23 00:57:06.0, 0.5, 74:88N:133:40E, h0km, mb4.1/21, mb1 4.3/21, mb1mx4.0/58, mbtmp4.1/21, MS3.3/10, Ms1 3.3/10, ms1mx3.0/44, Error ellipse: s-maj=17.9km s-min=11.5km az=160.0, BUJ 23 00:57:06.0, 74:80N:133:60E, h10km, mb4.8/12, mb5.0/7, Ms4.4/2, Ms7.4/2, MOS 23 00:57:06.3, 1.1, 74:88N:133:43E, h10km, mb4.7/15, Error ellipse: s-maj=27.3km s-min=9.6km az=83.3, ISCVJ 23 00:57:08.2, 6.2, 74:75N:104:133.5E, 0.1, h26km, 19km, mb4.6/70, MS3.3/11, Error ellipse: s-maj=7.2km s-min=4.3km az=145.9, NEIC 23 00:57:09.7, 2.9, 74:81N:133:34E, h26km, 21km, mb4.9/46, Error ellipse: s-maj=6.3km s-min=3.9km az=154.0, YARS 23 00:57:10.1, 0.8, 73:23N:104:136.62E, 0.07, h10km, MSV3.3

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPB1 Spitsbergen Ar, SPB5 Spitsbergen Ar, SPB1 Spitsbergen Ar, etc.

23d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TXAR, Lajitas Array, ESDC, Sonseca Array, BJI, IDC, MOS, BYKL, ISC, OGRR, SYVR, KAB, HRMR, YLYR, NIZ, LSTR, IRK, KMO, KUMORA.

2010 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMO, CIT, TLY, YOA, UKT, ARS, SVKR, KPC, ZAK, MOY, NELYATY, ORL, BOD.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BOD, ULANBAATAR, SONGINGO ARR, CHARA, YAKUTSK, NOVOSIBIRSK, KHABAROVSK, USSURIYSK AR, MAKANCHI ARR, KURCHATOV ARR, TIKSI, KOREA ARR, BOROVYOYE ARR, ALA-ARCHA, NAKATSUJE, SVENSK, ALIBECK, FINES, AKASG, ILAR, BRTR, DAVOX, WRA, ASAR, NVAR, TORDI, HONIARA.

ISCJB 23 01:32:34.7, 10.8, 6.8S, 0.1, 159.2E, 0.1, h111km, mb3.5/4, Error ellipse: s-maj=24.0km s-min=12.7km az=36.2
IDC 23 01:32:35.7, 3.4, 8.6S, 159.27E, h108km, 4.1km, mb3.5/4, mb1 3.7/4, mb1mx3.3/3.1, mb1p3.8/4, Error ellipse: s-maj=75.9km s-min=23.9km az=142.0
ISC 23 01:32:35.7, 0.9, 8.6S, 0.2, 159.3E, 0.2, h111km, n15, a0570/11, mb3.5/4, Bougainville - Solomon Islands region

23d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, DZM Mont Dzumac, PPT Papeete, etc.

GUC 23 03:35:59.1-0.4, 21.115:68.98W, h15km, 3km, ML4.0, IDC 23 03:36:02.3-0.0, 20.91S:68.63W, h129km, 40km, mb3.3/1, mb1 3.4/3, mb1mx3.1/22, mbtmp3.6/3, MS2.4/1, Ms1 2.6/1, ms1mx2.4/7, Error ellipse: s-maj=105.6km s-min=22.9km az=103.0

ISC 23 03:35:59.4-0.9, 21.115:06.69W, 0.2, h117km, 10km, n15, e150916, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB07 IPOC Station P, etc.

IDC 23 04:18:17.7-1.4, 52.328N-170.91E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.4/52, mbtmp3.5/4, ML3.1/1, MS1.9/1, Ms1 1.9/1, ms1mx3.1/925, Error ellipse: s-maj=60.3km s-min=24.9km az=148.0, Near Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk-, PETK, etc.

IDC 23 04:23:59.1-3.6, 28.19S:177.43W, h0km, mb3.2/1, mb1 3.6/1, mb1mx3.3/19, mbtmp3.2/1, Error ellipse: s-maj=139.0km s-min=55.5km az=26.0, Kermadec Islands region

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

ISCJB 23 04:42:56.9-0.6, 32.16N:102.115W, 0.02, h15km, 4km, Error ellipse: s-maj=3.4km s-min=3.2km az=11.4 ECX 23 04:42:58.2-0.6, 32.13N:115.19W, h8km, MD3.6, NEIC 23 04:42:58.4, 32.14N:115.21W, h8km, ML3.4(PAS),

2010 NOV

ML3.4(ECX), After ECX, MEX 23 04:42:59.0-0.6, 32.22N:115.03W, h15km, MD3.8, ISC 23 04:42:56.7-1.0, 32.15N:102.115W, 0.02, h13km, 9km, n53, e1218/4, 4C-9D, California-Baja California border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EMSC East Mesa, YMD Yuma Desert, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPX San Pedro Mart, SPX, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MONP Monument Peak, MONP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECN Esteban Cantu, ECN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y12C Blythe, Y12C, etc.

ISCJB 23 04:47:06.3-0.6, 11.70N:106.43E, 0.06, h10km, mb4.0/16, MS3.7/14, Error ellipse: s-maj=11.0km s-min=6.7km az=136.6, IDC 23 04:47:06.5-0.8, 11.72N:43.80E, h0km, mb4.0/12, mb1 4.1/13, mb1mx3.9/35, mbtmp3.9/13, ML3.7/1, MS3.7/15, Ms1 3.7/15, ms1mx3.4/32, Error ellipse: s-maj=21.1km s-min=13.8km az=156.0, NEIC 23 04:47:08.0-0.5, 11.72N:43.78E, h10km, mb4.1/4, Error ellipse: s-maj=13.3km s-min=9.2km az=127.0, CSEM 23 04:47:08.0, 11.72N:43.78E, h10km, mb4.1/4, After NEIC ISC 23 04:47:07.6-0.7, 11.72N:108.49E, 0.08, h10km, n36, e111/33, mb4.0/1, MS3.6/14, Ethiopia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD, etc.

1122

0.3mm, 0.3s, baz=233, slow=20, SNR=3.9, KMB0 comp=2.412mm, 20.2s, baz=60, slow=10, LR LR 04 56 05.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASF Jabal al Asfar, ASB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK, etc.

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

MOS 23 05:02:19.3-0.9, 31.22S:70.49W, h85km, mb4.9/10, Error ellipse: s-maj=17.0km s-min=9.0km az=100.1, SJA 23 05:02:20.3-1.0, 31.14S:70.91W, h82km, 33km, MD4.8, ML4.6, MW4.4, NEIC 23 05:02:21.0, 31.25S:71.04W, h94km, mb4.8/19, After GUC, NEIC Felt [IV] at Combarbala; [III] at Colina, Coquimbo, La Higuera, Lampa, La Serena, Monte Patria, Ovalle, Punitaqui, Quillota, Rio Hurtado, San Felipe, Tilti and Zapallar; [II] at Canela, Curacavi, El Monte, Iliapel, Los Vilos, Melipilla, Rancagua, Salamanca, San Antonio, Santiago and Vicuna. Also felt at Copiapo, Lillayil and Valparaiso.

GUC 23 05:02:21.5-0.6, 31.25S:71.04W, h94km, 6km, ML5.1, ISCJB 23 05:02:21.6-0.2, 31.24S:0.02W, 0.05, h106km, 2km, mb4.6/31, Error ellipse: s-maj=6.4km s-min=3.6km az=174.9, BJJ 23 05:02:22.0, 31.10S:70.40W, h99km, mb4.9/3, IDC 23 05:02:22.5-0.4, 31.21S:70.69W, h104km, 3km, mb4.3/12, mb1 4.4/15, mb1mx3.4/27, mbtmp3.4/715, MS3.5/7, Ms1 3.4/7, ms1mx3.1/24, Error ellipse: s-maj=13.7km s-min=8.1km az=24.0

ISC 23 05:02:22.4-0.3, 31.25S:0.04W, 0.05, h103km, 2km, h103km, pP-P, n458, e124/508, mb4.8/31, 10C-2D, Chile-Argentina border region

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

ISCJB 23 05:02:22.5-0.4, 31.21S:70.69W, h104km, 3km, mb4.3/12, mb1 4.4/15, mb1mx3.4/27, mbtmp3.4/715, MS3.5/7, Ms1 3.4/7, ms1mx3.1/24, Error ellipse: s-maj=13.7km s-min=8.1km az=24.0

ISC 23 05:02:22.4-0.3, 31.25S:0.04W, 0.05, h103km, 2km, h103km, pP-P, n458, e124/508, mb4.8/31, 10C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, CFAA, etc.

Table with columns: PB07, PB07, comp=E,93nm,0.4s, PB01, PB01, PB01, PB01, MMEC, Minimini, MNMC. Includes station names, codes, and coordinates.

ISK 23 06:32:03.3, 37.31N, 0.37E, h9km, MD3.0
ISCJB 23 06:32:04.0, 37.35N, 0.04E, h10km, 5km,
Error ellipse: s-maj=8.0km s-min=6.4km az=34.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KMRS, AYKD, KAMA, KUZU, ANDN, KOZT, SARI, TAHT, DARE, URF, MALT.

NMC 23 06:55:15.0, 2.8, 38.01N, 72.20E, h0km, mb3.8, mpv3.4,
4C-5D, Error ellipse: s-maj=24.3km s-min=9.7km
az=148.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DZET, MNAS, MNAS, AAK, AAK, KK31, KK31, KK31.

ATH 23 07:12:20.6, 33.80N, 24.96E, h2km, 4km, MD3.5/10
CSEM 23 07:12:22.5, 0.2, 33.97N, 24.98E, h2km, MD3.5, Error
ellipse: s-maj=10.0km s-min=5.0km az=69.0

ISC 23 07:12:22.1, 1.3, 34.05N, 25.15E, h0km, mb4.0/3,
mb1 3.9/9, mb1mx3.7/5.3, mbtmpt3.8/9, ML4.0/5, MS2.6/4,
Ms1 2.5/4, ms1mx2.3/4.3, Error ellipse: s-maj=21.8km
s-min=19.6km az=86.0

ISCJB 23 07:12:23.1, 0.5, 33.91N, 0.04E, 25.10E, 0.07, h20km,
mb4.0/3, MS2.4/2, Error ellipse: s-maj=8.6km s-min=4.9km
az=151.0

HLW 23 07:12:39.4, 32.85N, 25.80E, h7km, 9km, MD3.2, MI3.5
ISC 23 07:12:23.4, 1.0, 33.92N, 0.07E, 25.00E, 0.06, h20km, n41,
+1527/40, mb4.2/3, Eastern Mediterranean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GVD, GVD, LAST, LAST, IDI, IDI, IDI, IACM, Heraklion, NPS, NPS, ZKR, ZKR, ZKR, ZKR, VAM, VAM, YAM, YAM, IMMV, IMMV, ARG, ARG, ARG, ARG, SWA2, SWA2, SWA2, SWA2, HNAT, HNAT, HFRF, HFRF, HFRF, HFRF, NBNS, NBNS, MMAI, MMAI, BRTR, EIL, EIL, KBL, KBL, KBZ, AKASG, GERES, DAVOX, HFS, NOA.

TORD Torodi Ar. Bea 29.60 231 P P 07 28 30.3 +3.0
MKAR Makanchi Array 44.58 55 P P 07 20 34.5 +0.5
ZALV Zalavos Beam 45.96 P P 07 20 44.5 -0.3

ISCJB 23 07:22:42.9, 0.4, 10.25N, 0.05E, 84.62W, 0.05, h88km, 3km,
mb3.7/4, Error ellipse: s-maj=10.6km s-min=5.3km
az=41.8

CASC 23 07:22:43.3, 1.8, 10.25N, 84.59W, h80km, 5km, MD3.7,
ML3.3

IDC 23 07:22:43.0, 1.9, 10.31N, 84.61W, h71km, 1.7km, mb3.5/4,
mb1 3.8/5, mb1mx3.4/3.2, mbtmpt3.9/5, MS2.9/1, Ms1 3.1/1,
ms1mx2.4/2.0, Error ellipse: s-maj=66.4km s-min=20.1km,
az=49.0

ISC 23 07:22:43.9, 0.7, 10.24N, 0.05E, 84.63W, 0.05, h81km, 5km,
n45, 0.5/27.0, mb3.9/4, 5C-2D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CASO, FODE, CEDE, CGAZ, JTS, JTS, BANL, CHPA, AMAS, AMAS, PTEN, PTEN, JCR, JCR, CUJ, CUJ, COLC, COLC, HORNC, A494, MESS, GUAB, LIM, LIM, GSP2, GSP2, GSP1, GSP1, GSP3, GSP3, QUES, QUES, BUEV, LAPC, LAPC, GB1A, GB1A, GB3S, GB3S, VCR, GBS2, GBS2, BUS, CONN, CONN.

CRUM El Crucero 2.39 317 eP Pn 07 23 21.0 -0.2
BRUZ Volcan 2.39 127/11 eP Pn 07 23 21.5 +0.3
BRUZ 2.39 127/11 eP Pn 07 23 48.6 -1.1

TISN Laguna Tiscapa 2.48 320 eP Pn 07 23 22.9 +0.5
APYN Apoeyoque 2.60 320 eP Pn 07 23 23.3 -0.7
APYN 2.60 320 eP Pn 07 23 56.2 +1.6

COPN Copaltepe 2.73 315 eP Pn 07 23 25.5 -0.2
COPN 2.73 315 eP Pn 07 23 25.5 0.0
COPN 2.73 315 eP Pn 07 24 00.3

MOMM Motomombo 2.86 319 eP Pn 07 23 26.8 -0.6
MOMM 2.86 319 eP Pn 07 24 01.0 +0.1
MOMM 2.86 319 eP Pn 07 24 04.7

BCIP Isla Barro Col 4.84 102/11 eP Pn 07 23 54.7 +0.4
BCIP 4.84 102/11 eP Pn 07 24 47.3 -1.9
AZU Azuero 4.94 119 eP Pn 07 24 12.5 +1.7

CMIG Matias Romero 12.07 305 P Pn 07 23 56.2 -0.4
CMIG 12.07 305 P Pn 07 27 45.4 -0.4
CMIG 12.07 305 P Pn 07 28 09.0 -0.8

LPAZ La Paz 31.00 148 LR LR 07 42 12.8
LPAZ 31.00 148 LR LR 07 42 12.8

BDFB Brasilia 44.45 125 P P 07 30 47.9 +0.4
CPUP Villa Florida 45.01 144 P P 07 30 51.5 0.0
PLCA Paso Flores 52.36 167 P P 07 31 48.5 +0.6

ISCJB 23 07:23:40.9, 0.5, 10.62N, 0.03E, 82.56W, 0.03, h102km, 6km,
Error ellipse: s-maj=5.7km s-min=3.4km az=140.7
FUNV 23 07:23:42.9, 10.62N, 0.03E, 82.49W, h99km, MW3.3,
TRN 23 07:23:44.7, 10.69N, 0.02E, 82.49W, h100km, MD4.0

ISC 23 07:23:40.8, 1.3, 10.60N, 0.03E, 82.53W, 0.03, h111km, 8km,
n30, 0.19/48.0, 5C-6D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GUVI, GUVI, GUNV, GUNV, TCC, TCC, TCC, TCC, TRN, TRN, TRN, TRN, TBH, TBH, ORIV, ORIV, ORIV, ORIV, GRW, GRW, GRHS, GRHS, BOT, BOT, GRSS, GRSS, TOSP, TOSP, PCRV, PCRV, RIOV, RIOV, RIOV, RIOV, GURV, GURV, GURV, GURV, SVB, SVB, CUPV, CUPV.

Table with columns: CUPV, MCLT, MCLT, BIRV, BIRV, BIRV, BIRV, MERV, MERV, MERV, MERV, LUEV, LUEV, TURV, TURV, BAUV, BAUV, MAPV, MAPV, TEPV, TEPV, MONV, MONV.

CSEM 23 07:38:05.1, 0.2, 43.73N, 20.79E, h2km, ML1.8, Error
ellipse: s-maj=3.3km s-min=2.7km az=26.0

BEO 23 07:38:05.9, 0.2, 43.75N, 20.75E, h0km, ML1.8/1, 9C-4D,
Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GRUS, GRUS, GRUS, GRUS, IVAS, IVAS, IVAS, IVAS, TRUS, TRUS, TRUS, TRUS, SELS, SELS, DIVS, DIVS, DIVS, DIVS, BOVS, BOVS, BOVS, BOVS, SJSJ, SJSJ, KUCU, KUCU, KUBS, KUBS, BBSL, BBSL, BBSL, BBSL, TEKS, TEKS, TEKS, TEKS, BARS, BARS, BARS, BARS, MDVR, MDVR, MDVR, MDVR, ZAPS, ZAPS, ZAPS, ZAPS, BZS, BZS, BZS, BZS, GZUR, GZUR, GZUR, GZUR, GZUR, GZUR.

CSEM 23 07:39:28.4, 0.3, 38.13N, 20.76E, h12km, ML2.7, Error
ellipse: s-maj=6.0km s-min=4.0km az=33.0

ATH 23 07:39:28.0, 38.16N, 20.70E, h19km, 1km, MD3.0/14,
Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KFL, Anninata, VLS, Valsamata, VLS, Valsamata, PDD, PDD, PDD, PDD, RLS, RLS, RLS, RLS, LKD2, LKD2, LKD2, LKD2, DRO, Drossia, DRO, Drossia, EFP, Efpalio, EFP, Efpalio, LAKA, LAKA, LAKA, LAKA, KLV, Kalavryta, Ach, KLV, Kalavryta, Ach, EVR, Evertyania, EVR, Evertyania, KALE, Kalithea, KALE, Kalithea, GUR, Gaura, GUR, Gaura, GUR, Gaura, ITM, Ithomi, ITM, Ithomi, IGT, Igoumenitsa, IGT, Igoumenitsa, IGT, Igoumenitsa, THL, Klokotos Trika, THL, Klokotos Trika.

ISC 23 07:40:13.0, 2.0, 51.46N, 0.10E, 16.02E, 0.06, h0km, n6,
0.6/67/12, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KRLC, Kraliky, GOPC, GO Pecny, Ondr, GOPC, PRU, Pruhonice, PRU, PRU, CLL, Collim, CLL, Collim, OKC, Ostrava-Krasne, OKC, Ostrava-Krasne, KHC, Kasperske Hory, KHC, Kasperske Hory.

Table with columns: SJPF, comp=N,5,6m,0.3s, eSn, Sn, 08 03 18.6 -4.1, etc. Includes stations like Ste Jean, Poblet, EPOB, etc.

KRSC 23 08:02:10.8:0.4,54:22N:160:27E, h105km,6km,ML4.4, FELT (I) at GMS Kronaki.

ISCJB 23 08:02:11.4:0.3,54:31N:0:03:159:94E:0:08, h119km,2km,mb4.0/21, Error ellipse: s-maj=8.7km s-min=3.1km az=29.9

MOS 23 08:02:11.2:1.0,54:32N:159:73E, h122km,mb4.0/12, Error ellipse: s-maj=14.1km s-min=5.2km az=77.8

IDC 23 08:02:11.9:0.7,54:48N:159:73E, h104km,6km,mb3.7/21, mb1 3.9/24, mb1mx3.8/51, mbtmp4.1/24, Error ellipse: s-maj=14.6km s-min=8.2km az=138.0

ISC 23 08:02:11.3:0.5,54:28N:0:03:160:01E:0:05, h108km,4km, n102, s150/127, mb4.0/21, 5C-2D, Near east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations like KII, KIZ, MY, etc.

Main station list table with columns: HABR, YAK, KIL, TXR, etc. Lists stations like YAKUTSK, KILDIR, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations like ISCJB, GUC, IDC, etc.

23d 9h

Table with columns for station call letters, frequency, power, and time. Includes stations like LBZ, KSKA, KSKJ, etc.

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Table with columns for station call letters, frequency, power, and time. Includes stations like KSCFA, KSRK, KSRM, etc.

1130

Table with columns for station call letters, frequency, power, and time. Includes stations like DL2, TIA, RAR, etc.

23d 9h

Table with columns: ID, Name, Time, Distance, Wind, Conditions, Date, Time, Wind, Conditions. Includes entries like M33A Taylor Creek F, O33A Hebron, Q33A Connelly Farm, etc.

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Table with columns: ID, Name, Time, Distance, Wind, Conditions, Date, Time, Wind, Conditions. Includes entries like 735A Kenedy, Y35A Marietta, AKASG Marlin Array Be, etc.

1134

Table with columns: ID, Name, Time, Distance, Wind, Conditions, Date, Time, Wind, Conditions. Includes entries like 339A Huntington, CFR Caraliu, BOSA Bosof, etc.

Table with columns for station call letters, frequency, and various signal quality indicators (e.g., S/NR, SNR, SNR=11, etc.). Rows include stations like UPC Ulice, PLCA Paso Flores, and CLC Colim.

Table with columns for station call letters, frequency, and various signal quality indicators. Rows include stations like CLL Colim, BRAL Brewton, CONA Conrad Observa, and ACSS Alum Creek Sta.

Table with columns for station call letters, frequency, and various signal quality indicators. Rows include stations like WTTA Wattenberg, MOTA Moosalm, BLA Blacksburg, and WTTA Lake Ozonia.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BJI, STKA, KSH, KSAR, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LPSR, LPSR, TIXI, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like JYN, JHU, JRY, etc.

ellipse: s-maj=44.8km s-min=12.9km az=96.0
KRSC 23 10:53:40.2, 0.9, 49.91N, 159.39E, h41km, 23km, ML4.2, East of Kuril Islands

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

MAN 23 11:25:51, 17.25N, 120.30E, h29km, mb4.7, ML3.6, MS3.6, ID, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dolores, Bologues City Da, Bolinao, etc.

IDC 23 11:39:35.2, 2.3, 33.352S, 178.45W, h0km, mb3.9/2, mb1.4/2.3, mb1mx3.8/2.3, mbtmp4.0/3, ML3.8/1, MS3.1/2, Ms1.3/1.2, ms1mx2.7/2.3, Error ellipse: s-maj=67.0km s-min=42.0km az=136.0

ISCJB 23 11:39:39.4, 2.7, 33.37S, 0.1x1.78S, 0.4x1.4km, mb3.8/2, Error ellipse: s-maj=54.1km s-min=11.7km az=17.3

ISC 23 11:39:41.0, 2.3, 33.73S, 0.2x1.78S, 0.4x1.4km, n11, #0611/13, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Matakaa Point, etc.

GUC 23 12:28:15.0, 0.7, 35.68S, 73.15W, h35km, 5km, ML4.1, 1C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cobquecura, Talca, Chillan, Cerro Calan, Peldehue, etc.

IDC 23 12:32:13.5, 2.0, 26.50S, 177.99W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/2.2, mbtmp3.9/3, Error ellipse: s-maj=38.3km s-min=17.6km az=59.0, Kermadec Islands region

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

IDC 23 12:37:23.5, 2.5, 18.89N, 39.38E, h0km, mb3.8/4, mb1.3/4, mb1mx3.5/3.3, mbtmp3.8/4, MS3.2/1.0, Ms1.3/2/1.0, ms1mx3.0/3.0, Error ellipse: s-maj=69.9km s-min=27.3km az=151.0, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Etat, Mount Meron Arr, etc.

comp=Z.290nm, 21.4s, baz=6.5, slow=36

BUI 23 12:40:20.4, 20.57S, 175.14W, h406km, mb4.6/8, mB5.1/4, NEIC 23 12:40:21.8, 1.6, 21.14S, 175.60W, h415km, 15km, mb4.8/15, Error ellipse: s-maj=26.0km s-min=12.2km az=134.0

AUST 23 12:40:41.6, 18.05S, 178.47W, h450km, IDC 23 12:40:41.3, 1.4, 18.29S, 178.09W, h501km, 18km, mb3.5/12, mb1.3/1.1, mb1mx3.5/2.9, mbtmp4.4/5, Error ellipse: s-maj=19.8km s-min=10.1km az=149.0

ISCJB 23 12:40:44.0, 1.8, 35.0S, 0.1x1.78S, 0.4x1.4km, h557km, n61, #121/54, mb4.5/25, 1C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Monsauv, Afiamalu, Niue, DZM, etc.

Ms1.3/7.6, ms1mx3.3/2.4, Error ellipse: s-maj=21.1km s-min=16.4km az=84.0

ISCJB 23 12:52:51.6, 0.3, 17.40S, 0.05x1.67S, 0.06x0.6, h27km, mb4.8/28, MS3.7/3, Error ellipse: s-maj=7.9km s-min=7.6km az=177.9

NEIC 23 12:52:55.1, 1.3, 17.46S, 167.82E, h39km, 12km, mb4.9/18, Error ellipse: s-maj=10.0km s-min=8.3km az=181.0

BUI 23 12:52:59.5, 17.86S, 168.02E, h111km, mb4.6/22, mb5.2/13

AUST 23 12:53:12.0, 18.47S, 166.85E, h100km, ISC 23 12:53:53.0, 5.0, 17.48S, 0.06x1.67S, 0.08x0.6, h27km, n96, #1845/10, mb4.9/28, MS3.6/3, 2C-3D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, DZM, etc.

IDC 23 12:52:49.8, 0.8, 17.48S, 167.76E, h0km, mb4.7/15, mb1.4/7.16, mb1mx4.5/3.5, mbtmp4.7/16, ML4.3/1, MS3.7/6,

23d 14h

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, and other parameters. Includes stations like Gorkha, Songo Array, SONM, KOLDANDA, etc.

2010 NOV

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, and other parameters. Includes stations like ARCES, CRVS, TXAR, TORD, CFAA, LCO, etc.

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Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, and other parameters. Includes stations like SNZO, RPZ, DZM, RAR, TBI, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRHZ Matea Rd, NMHZ Naumai, ARHZ Aropoanui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD 312m,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, AKZT Kozan, AKZ Adana, etc.

IDC 23 14:20:33.0±0.7, 3.79S:99.57E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.7/52, mbtmp3.9/11, MS2.8/2, Ms1.2/9.2, ms1mx2.5/37, Error ellipse: s-maj=32.6km s-min=14.8km az=50.0

NEIC 23 14:20:34.0±0.5, 3.74S:99.63E, h10km, mb4.1/1, Error ellipse: s-maj=17.1km s-min=7.0km az=48.0

ISCJB 23 14:20:35.0±0.6, 3.78S:0.04:99.63E:0.05, h33km, mb3.9/12, MS2.5/1, Error ellipse: s-maj=8.4km s-min=4.7km az=145.7

DJA 23 14:20:36.0±0.7, 3.4S:101.0E, h48km, M4.3/11, mb4.4/3, mb4.9/1, MLV4.2/6, MLV4.3/1, Mw(mb4.1/1)

ISC 23 14:20:38.0±0.7, 3.77S:0.07:99.65E:0.08, h35km, n35, r156/36, mb3.8/12, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASF Jabal al Asfar, ASF 3.7, 1.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 23 14:56:39.8±44N:126.93E, h1km, mb4.6, ML3.4, MS3.4, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, BRTR 29.07 344 P, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CGJI Cibinong, CGJI Chiang Mai Arr, CGJI Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOLN Koldanda, KOLN Ala-Archa, KOLN Ala-Archa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S22 Diego Garcia H, H0S23 Diego Garcia H, H0S21 Diego Garcia H, etc.

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

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

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

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

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

IDC 23 14:22:30.4±966.0, 63.35N:9.43E, h0km, Error ellipse: s-maj=476.6km s-min=177.2km az=129.0, Southern Norway

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASONS, I48TN KESRA INFRASONS, I31KZ AKTYUBINSK INF, etc.

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

IDC 23 15:09:27.2±1.3, 0.93N:121.46E, h0km, mb3.5/4, mb1.3/7.6, mb1mx3.5/35, mbtmp3.6/6, ML3.8/2, Error ellipse: s-maj=55.3km s-min=21.2km az=78.0

IDC 23 14:27:45.8±32.0, 18.00S:175.07W, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.6/37, mbtmp3.3/7.4, Error ellipse: s-maj=622.5km s-min=149.6km az=86.0, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, MRSI Ampiana, GTOI Gorontalo, etc.

IDC 23 14:31:35.0±0.7, 11.89N:43.66E, h0km, mb4.1/19, mb1.4/2/21, mb1mx4.0/51, mbtmp4.1/21, ML3.4/2, MS3.8/27, Ms1.3.8/27, ms1mx3.7/38, Error ellipse: s-maj=16.9km s-min=12.6km az=148.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, MRSI Ampiana, GTOI Gorontalo, etc.

CSEM 23 14:36:15.6±0.5, 37.98N:35.63E, h1km, MD2.5, Error ellipse: s-maj=12.6km s-min=9.7km az=159.0, Mining explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, MRSI Ampiana, GTOI Gorontalo, etc.

23D 15h

CSEM 23 15:22:42.7, 37.24N, 42.57E, h5km, MD3.0, After ISK
Code Station Name Az AZZ Phase ID Time Res

ISK 23 15:24:02.7, 36.91N, 33.92E, h5km, MD3.2
ISCJB 23 15:24:03.6, 0.6, 36.93N, 0.02, 33.94E, 0.03, h1km, 4km,
Error ellipse: s-maj=4.0km s-min=3.6km az=14.3

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Lists various stations like KIZK, KERG, DED, GULE, YESY, KAR, HDMB, KRIS, AKO, NIG, SULT, EREN, CEYT, GUL, GAZI, KZAN, KOZ, LFK, TAHT, ARNB, YAYL, YAYX, KDH, KAMA, BTCH, SLNF, AYKD, HCB, KMRS, SAR, KUZU, BIDA, BAH, MARH, RAHB, BRBR.

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BRBR Barbar 3.84 154 eP Pn 15 25 01.7 -1.6
BUC 23 15:34:10.4, 0.1, 45.10N, 28.22E, h16km, MD2.0, 6C-2D,
Error ellipse: s-maj=1.0km s-min=0.8km az=67.0,
Ukraine - Moldova - Southwestern Russia region

TAP 23 15:42:41.2, 24.93N, 122.21E, h6km, 1km, ML3.5, D
JMA 23 15:42:41.2, 0.2, 24.98N, 122.23E, h5km, 5km, M2.9
ISC 23 15:42:40.1, 1.1, 24.98N, 0.03, 122.21E, 0.03, h13km, 8km,
n50, c079/85, 2D, Taiwan region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Lists various stations like TWB1, EGS, NWF, TWC, TWE, TWA, PCYT, TWY, TAP, TAP, ENA, ENT, JYNG, YOJ, TWS1, NSK, NNS, TWD, TWT, WHF, ESL, IRIF, TWQ1, WDT, HATJ, TYC, JKRS, EHY, JIJ, JISG, TWFI, YUS, ALS, CHN5, WGK, CHKT, ELDTW, CHN4, STYT, WTP.

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WTP baz=220 eS Sb 15 43 50.7 +0.3
TWK Hsinying baz=223 2.38 225 eP Pb 15 43 22.4 -0.5
TWK baz=223 eS Sb 15 43 52.7 +0.4
CHN1 Nanshi baz=221 2.42 223 eP Pb 15 43 22.9 -0.6
CHN1 baz=221 eS Sb 15 43 53.6 +0.4
SGST Jiashan baz=218 2.46 220 eP Pb 15 43 23.6 -0.6
SGST baz=218 eS Sb 15 43 55.0 +0.5
ECL Taimali baz=206 2.67 208 eS Sn 15 43 55.4 +0.2
SSD Sandimen baz=213 2.70 215 eP Pb 15 43 26.1 -2.3
SSD baz=213 eS Sb 15 43 59.8 -1.6
EAST Anshuo baz=206 2.91 208 eP Pb 15 43 30.7 -1.2
EAST baz=206 eS Sb 15 44 06.3 -1.1

CASC 23 15:51:10.7, 1.2, 13.65N, 90.78W, h29km, 4km, MD3.7,
ML4.0, 5D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Lists various stations like IXG, PCG, FUG, NBG, RTR, SBL, RBDL, SNJE, BOQS, SNET, SNET, LFLU, LFRS, LBRS, MRL, SNVI, SNVI, COPN.

BJJ 23 15:55:10.9, 56.53S, 146.17E, h10km, mb5.3/17, mb5.6/13,
MS5.2/14, MS7.4/8/15

ISCJB 23 15:55:12.6, 0.3, 55.69S, 0.04, 146.96E, 0.09, h10km,
mb5.0/47, MS4.5/18, Error ellipse: s-maj=7.1km
s-min=5.4km az=1.5

IDC 23 15:55:12.6, 0.5, 55.63S, 147.01E, h0km, mb4.8/14,
mb1.4/9.15, mb1mx4.7/22, mbtmp4.8/15, MS4.7/15,
MS1.4/6.15, ms1mx4.5/21, Error ellipse: s-maj=20.8km
s-min=12.9km az=97.0

MOS 23 15:55:13.7, 1.8, 55.59S, 147.30E, h10km, mb5.1/13,
MS4.8/4, Error ellipse: s-maj=25.4km s-min=8.4km
az=91.3

NEIC 23 15:55:13.9, 3.9, 55.72S, 146.73E, h8km, 24km, mb5.0/28,
Error ellipse: s-maj=9.4km s-min=7.0km az=72.0

GCMT 23 15:55:13.9, 0.1, 55.74S, 146.80E, h12km, MW5.3/104,
Moment Tensor Solution, s80, c124, s104, c200;
Duration: 1s1 Moment tensor: Scale 1017Nm;
Mn-0.21+0.1; Mw0.53-0.1; Mo0.32-0.1; Mo0.15+0.4;
Mw-1.02+0.1; Mw0.09+0.4; Best double couple:
lambda-1.240000*10^17 NP1:0.259.000000, s84.000000,
lambda-1.600000, NP2:0.168.000000, s80.000000,
lambda-6.000000, Principal axes: T 1.2140, P1g3.0000,
AzM33.0000; N -0.1810, P1g78.0000; AzM288.0000; P
-1.0340, P1g11.0000; AzM124.0000; nsta1 refers to
body waves; cutoff=40s. nsta2 refers to surface waves,
cutoff=50s

AUST 23 15:55:16.2, 1.4, 55.86S, 147.68E, h45km, 8km Error
ellipse: s-maj=14.6km s-min=5.2km az=26.0

ISC 23 15:55:14.4, 0.3, 55.76S, 0.05, 147.32E, 0.06, h10km, m293,
c204/295, mb5.0/47, MS4.6/18, 34C-11D, West of
Macquarie Island

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Lists various stations like MCQ, TAU, MOO, WHZ, WKZ, MILA, ARPS, RPZ, RPZ, HATJ, OXF, CAN, CAN, CAN, CNB, YNG, KHZ, THZ, Vnda, Vnda, Vnda, Vnda, MGCD, SBA, SBA, STKA, BFZ, CMSA, BBOO, BBOO, BKZ, ARMA, ARMA, URZ.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like URZ, URZ, URZ, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like PPT2, PPT2, PPT2, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like MDJ, MDJ, MDJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, InK, Inuvik, 76.24 22 P, 19 03 54.2 0.0, ARCES ARCES Array B 88.45 342 P, 19 04 57.9 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAR 1.6nm,0.3s, DZM Mout Dzumac, PPT2 Papeete, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNR Honiara, RKT Rikitea, PMG Port Moresby, etc.

NEIC 23 19:15:32.8, 16:07N:98:69W, h9km, MD4.1 (MEX), After MEX

MEX 23 19:15:32.7, 0.5, 16:07N:98:69W, h8km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, PNIG Pinotepa, PNIG Pinotepa, etc.

ISCJB 23 19:28:13.7, 0.3, 16:68S:172:70W, h10km, mb4.7/26, MS3.7/8, Error ellipse: s-maj=9.7km

IDC 23 19:28:13.8, 0.7, 16:60S:173:03W, h0km, mb4.3/11, mb1.4/5/11, mb1mx4.2/33, mbtmp4.3/11, MS3.6/10, s-min=18.2km az=132.0

NEIC 23 19:28:15.0, 0.4, 16:69S:172:82W, h10km, mb4.9/17, Error ellipse: s-maj=15.1km s-min=10.7km az=150.0

BUI 23 19:28:14.6, 16:50S:172:71W, h10km, mb5.1/12, mb5.5/9, Ms5.3/5, Ms7.5/0/5

AUST 23 19:28:15.9, 27.0, 16:51S:172:40W, h32km, Error ellipse: s-maj=4.5km s-min=1.3km az=263.0

ISN 23 19:28:17.5, 0.4, 16:44S:172:61W, h24km, n115, s1979/97, mb4.7/26, MS3.7/8, 14C-1D, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, NIUE Niue, etc.

IDC 23 19:12:37.4, 0.9, 16:78S:172:89W, h0km, mb4.2/9, mb1.4/4.9, mb1mx4.0/43, mbtmp4.2/9, MS3.6/8, Ms1.3/6/8, ms1mx3.2/33, Error ellipse: s-maj=35.0km s-min=19.4km az=142.0

NEIC 23 19:12:38.4, 0.5, 16:96S:172:70W, h10km, mb4.6/5, Error ellipse: s-maj=14.7km s-min=11.6km az=171.0

ISC 23 19:12:40.4, 0.7, 17:05S:172:51W, 0.1, h17km, n36, s1859/22, mb4.2/14, MS3.7/6, Samoa Islands region

VNA3 Neumayer Olymp 91.76 175 P P 19 41 22.6 -0.2

SNA4 Sanae 91.84 177 P P 19 41 23.9 +0.5

KMI Kunming 92.16 195 PMZ 19 41 28.5 +2.6

KMI 6.0nm,0.9s 92.16 195 PMZ 19 41 28.5 +2.6

VNA2 Neumayer-Watz 92.26 175 P P 19 41 25.3 +0.1

CD2 Chengdu 93.00 301 eP P 19 41 29.1 -0.2

CD2 9.8nm,1.2s 93.00 301 eP P 19 41 29.1 -0.2

CD2 10.0nm,0.9s 93.00 301 eP P 19 41 29.1 -0.2

CD2 110nm,4.8s 93.00 301 eP P 19 41 29.1 -0.2

CD2 240nm,18.0s 93.00 301 eP P 19 41 29.1 -0.2

23d 20h

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ISCJB 23 20:34:07.5:0.6,23.31N:04.94:08E:0.04,h77km,6km, mb4.3/38, Error ellipse: s-maj=8.0km s-min=4.1km az=43.6

BUJ 23 20:34:08.9,23.48N:94.15E,h73km,mb4.6/21,mb4.7/13, Ms4.4/6,Ms7.4/14

NEIC 23 20:34:10.7,0.7,23.38N:94.22E,h86km,6km,mb4.6/19, Error ellipse: s-maj=8.1km s-min=3.8km az=60.0

ICD 23 20:34:10.3,1.9,23.37N:94.24E,h82km,16km,mb4.0/26, mb1.4/27,mb1mx3.8/75,mbtmp4.3/27,MS3.7/4, Ms1.3.7/4,ms1mx3.0/43,Error ellipse: s-maj=16.3km s-min=5.6km az=60.0

ISC 23 20:34:09.2,0.7,23.36N:05.94:04E:0.05,h77km,6km, n92, c1989/109,mb4.3/38,1C-1D,Myanmar-India border region

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

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

ISCJB 23 20:40:06.7:0.5,10.0N:01.42:9E:0.1,h10km,mb4.0/11, MS3.4/4, Error ellipse: s-maj=20.9km s-min=8.4km az=37.9

ICD 23 20:40:07.5:1.1,10.08N:42.86E,h0km,mb3.9/7, mb1.3/9,mb1mx3.6/64,mbtmp3.9/8,ML3.1/1,MS3.5/5, Ms1.3.5/5,ms1mx3.0/49,Error ellipse: s-maj=25.5km s-min=16.9km az=96.0

CSEM 23 20:40:08.9,10.24N:42.78E,h10km,mb4.1/4,After NEIC NEIC 23 20:40:08.9,10.24N:42.78E,h10km,mb4.1/4,Error ellipse: s-maj=23.2km s-min=11.8km az=113.0

NEIC Fall at Borama, Somalia. ISC 23 20:40:08.4:0.7,10.05N:09.42:88E:0.08,h10km,n36, c1903/34,mb3.9/11,MS3.4/4,Ethiopia

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

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

ISCJB 23 20:40:35.5:1.5,45.9N:01.153:6E:0.2,h27km,mb3.8/8, Error ellipse: s-maj=25.9km s-min=7.5km az=142.1

SKHL 23 20:40:42.3:0.3,48.85N:149.06E,h156km,7km,mb4.7/4, msh4.9/5

ICD 23 20:40:48.1:5.8,46:50N:152:93E,h87km,52km,mb3.9/9, mb1.3/5/11,mb1mx3.3/63,mbtmp3.8/11,ML3.1/2,MS3.6/1, Ms1.2.6/11,ms1mx2.4/35,Error ellipse: s-maj=61.9km s-min=22.1km az=154.0

ISC 23 20:40:37.0:1.7,45.7N:02:153:8E:0.1,h27km,n23, c218/14,mb3.9/8,1D,East of Kuril Islands

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

ISCJB 23 20:50:04.2:0.8,11.8N:01.143:98E:0.08,h4km,mb3.6/15, MS3.6/11, Error ellipse: s-maj=19.2km s-min=8.0km az=156.3

ICD 23 20:50:04.9:1.1,11.77N:43.91E,h0km,mb3.7/15, mb1.3/1/15,mb1mx3.7/58,mbtmp3.7/15,MS3.7/13, Ms1.3.7/13,ms1mx3.4/41,Error ellipse: s-maj=25.3km s-min=13.7km az=164.0

ISC 23 20:50:05.5:0.9,11.8N:01.143:91E:0.09,h4km,n26, c098/19,mb3.8/15,MS3.5/11,Ethiopia

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

23d 21h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, NACB, Ninganchiao, 16.60 239 eP, 21 43 52.9 -1.4, ZAA1, ZAA1, ZALV, Zalesovo Beam, 41.68 315 ePP, PcP, 21 49 25.4 -1.1

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Table with columns: NACB, Ninganchiao, 16.60 239 eP, 21 43 52.9 -1.4, ZAA1, ZAA1, ZALV, Zalesovo Beam, 41.68 315 ePP, PcP, 21 49 25.4 -1.1

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Table with columns: ZAA1, ZAA1, ZALV, Zalesovo Beam, 41.68 315 ePP, PcP, 21 49 25.4 -1.1

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KDak Kodiak Island, CNPM China Pool, BRK Bradley Lake, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EDM Edmonton, E07A Sunnyside, C09A Chrisman Ranch, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, LTX Lajitas, TX31 Lajitas Ar. Si, etc.

23d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JNU Nakatsu, KSRS Korea Array, KSRS Wonju Array, etc.

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

ISCJ23 22:03:09.4-0.4, 57.11N-0.07.143.5E, h327km, 5.6km, mb3.4/10, Error ellipse: s-maj=12.7km s-min=11.3km az=2.2

JMA 23 22:03:10.0-0.7, 45.69N-143.44E, h325km, 4km, M3.6, mb1 3.4/12, mb1mx3.1/44, mbtmp3.8/12, Error ellipse: s-maj=19.5km s-min=13.3km az=104.0

ISC 23 22:03:10.0-0.7, 45.80N-143.46E, h327km, 7km, n32, c1943/39, mb3.4/10, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JSE Soyaes, JWKC Keihoku, JWKC Maruseppu, etc.

OMAN 23 22:11:06.0-99.0, 28.24N-59.22E, h12km, Error ellipse: s-maj=24.5km s-min=17.7km az=25.0

CSEM 23 22:11:22.0-2.8, 27.16N-58.56E, h15km, ML4.3, Error ellipse: s-maj=75.4km s-min=19.9km az=20.0

DSN 23 22:11:22.7-1.4, 27.32N-58.32E, h15km, mb2.9/5, ML4.3/2, Error ellipse: s-maj=32.3km s-min=7.9km az=157.0

ISC 23 22:11:19.6-5.2, 27.33N-0.3-58.6E-0.1, h10km, n17, c1930/19, 1C-10D, Southern Iran

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

2010 NOV

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

ISCJ23 22:16:51.2-0.5, 39.11N-0.02-29.04E-0.03, h2km, 5km, Error ellipse: s-maj=3.9km s-min=3.7km az=35.9

DDA 23 22:16:51.1, 39.13N-0.03, h8km, MD3.0, CSEM 23 22:16:51.6, 0.1, 39.11N-29.03E, h5km, MD3.0, Error ellipse: s-maj=1.9km s-min=1.8km az=95.0

ISK 23 22:16:51.2, 39.13N-29.05E, h5km, MD3.0, ISC 23 22:16:51.7-0.9, 39.12N-0.02-29.02E-0.02, h9km, 9km, n59, c050/81, Turkey

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

ISCJ23 22:18:31.7-0.8, 4.44S-0.06-141.55E-0.07, h33km, mb3.5/2, MS2.6/2, Error ellipse: s-maj=11.0km s-min=8.2km az=158.7

ISC 23 22:18:33.6-2.8, 4.10S-141.48E, h35km, 23km, mb3.4/4, mb1 3.7/5, mb1mx3.4/19, mbtmp3.7/5, ML2.0/1, MS2.9/4, MS1 2.9/4, ms1mx2.7/17, Error ellipse: s-maj=34.3km s-min=17.4km az=79.0

ISC 23 22:18:32.7-1.0, 4.49S-0.08-141.4E-0.1, h35km, n9, c1939/39, New Guinea

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

1154

IDC 23 22:28:54.1-0.9, 35.86S-73.30W, h0km, mb4.2/9, mb1 4.2/13, mb1mx4.1/29, mbtmp4.2/13, ML3.8/3, MS3.9/14, MS1 3.8/14, ms1mx3.7/28, Error ellipse: s-maj=32.0km s-min=16.8km az=99.0

GUC 23 22:28:55.7-0.6, 35.92S-73.54W, h38km, 4km, ML4.5, ISCJ23 22:28:56.5-0.5, 35.84S-0.04-73.49W-0.07, h33km, mb4.4/10, MS3.9/11, Error ellipse: s-maj=7.7km s-min=5.4km az=3.6

NEIC 23 22:28:56.6-4.5, 35.77S-73.50W, h20km, 26km, mb4.3/2, Error ellipse: s-maj=20.0km s-min=8.1km az=85.0

ISC 23 22:28:58.7-0.6, 35.90S-0.05-73.47W-0.08, h35km, n53, c29/45, mb4.5/10, MS4.0/11, 3C, Off coast of central Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TULEG Thule, ILOON Igloolik, Nuna, KUKN Kuglukuk, HPLN Hepburn Lake, YBKN Baker Lake, etc.

ISCJB 23 22:55:49.6,0.3, 45:171N,0:02:26:75E,0.03,h10km,Error ellipse: s-maj=3.2km s-min=2.0km az=145.2, h33km,mb2.8 BUC 23 22:55:51.3,0.5,45:57N,26:71E,h23km,5km,MD3.5/2, Error ellipse: s-maj=5.0km s-min=4.3km az=45.0, CSEM 23 22:55:52.0,0.1,45:59N,26:70E,h20km,MD3.5,Error ellipse: s-maj=2.8km s-min=2.3km az=38.0

ISC 23 22:55:50.9,0.7, 45:61N,0:01:26:72E,0.02,h10km,n118, a=112/164,45C-36D,Romania

Main table for station 1155, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

Table for station 2010 NOV, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

ISC 23 22:58:06.7,1.6,33:64S,178:39W,h0km,mb4.0/2, mb1 4.3/3, mb1mx3.8/29,mbtmp4.1/3,ML4.0/1,MS3.3/1, Ms1 3.3/1,ms1mx2.6/20,Error ellipse: s-maj=43.9km s-min=41.6km az=173.0, Error ellipse: s-maj=43.3km s-min=11.9km az=19.3

ISC 23 22:58:11.7,1.6,33:75S,0:2:17:3W,0.3,h37km,n113, a=095/191,South of Kermadec Islands

Table for station 2010 NOV, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

ISC 23 23:09:41.3,1.1, 10:33S,124:15E,h0km,mb4.1/5, mb1 4.2/9,mb1mx3.9/29,mbtmp4.0/9,ML3.9/4,MS3.5/2, Ms1 3.5/2,ms1mx2.7/28,Error ellipse: s-maj=25.2km s-min=9.6km az=10.0

ISCJB 23 23:09:43.0,3.0,4.0, 10:56S,0:04:123:96E,0.06,h27km, mb4.0/7,MS4.2/1,Error ellipse: s-maj=8.3km s-min=4.8km az=160.1

NEIC 23 23:09:44.6,1.1, 10:49S,123:96E,h28km,9km,mb4.0/2, Error ellipse: s-maj=14.8km s-min=7.3km az=62.0

NEIC Fell IIII at Baum, DJA 23 23:09:45.7,0.4, 11:51S,12:42E, h10km,ML4.3/8,mb4.4/4, mb5.2/1,MLV4.2/8,MW(m)6.4/5/1

AUST 23 23:09:47.3, 10:50S,124:01E,h60km ISC 23 23:09:45.1,0.6, 10:55S,0:04:123:91E,0.06,h27km,n32, a=2509/34,mb4.1/7,Timor region

Table for station 2010 NOV, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

Table for station 23d 23h, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

IDC 23 23:16:03.4, 1.3, 35:76S,73:37W,h0km,mb3.7/5, mb1 3.8/7,mb1mx3.7/29,mbtmp3.7/7,ML3.7/2,MS3.6/9, Ms1 3.6/9,ms1mx3.3/25,Error ellipse: s-maj=37.5km s-min=22.6km az=105.0

ISCJB 23 23:16:06.9,0.8, 35:83S,0:07:73:3W,0.2,h33km,mb3.7/5, MS3.6/7,Error ellipse: s-maj=20.0km s-min=8.5km az=20.0

ISC 23 23:16:08.6,1.0, 35:81S,0:09:73:4W,0.2,h35km,n18, a=099/112,mb3.6/5,MS3.6/7,Off coast of central Chile

Table for station 23d 23h, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

MDD 23 23:20:34.3,1.8, 36:64N,9:81W,h49km,38km,mb3.6/2, Error ellipse: s-maj=18.3km s-min=14.4km az=38.0, PRXIMO

IGIL 23 23:20:34.9, 36:70N,9:73W,h16km,ML1.3 INMG 23 23:20:34.9,0.9, 36:70N,9:73W,h19km,3km,ML1.4, Error ellipse: s-maj=4.8km s-min=4.4km az=42.0

CSEM 23 23:20:34.4,0.6, 36:75N,9:66W,h20km,ML1.4, Error ellipse: s-maj=9.9km s-min=9.1km az=12.0

ISC 23 23:20:33.9,3.0, 36:7N,0:1:97W,0.1,h30km,n150, a=087/86,2C,West of Gibraltar

Table for station 23d 23h, listing codes, station names, and various parameters like Az, Az', Phase ID, Time, Res, ISC.

24d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MESJ Messejana, PNCL Nicolau / Gran, PVAQ Vaqueiros, EGRO El Granado, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLAR PLOIESTI, TESR Tescani, DOPR Dopca, AMRR Amara, etc.

2010 NOV 1156

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONO, KOLS Kolonicke sedl, PSZ Piskozeteto, etc.

IDC 24 00:00:29.8z.3,2,33:54Sx178.55W,h0km,mb3.7/2, mb1 4.0/3,mb1mx3.6/3A,mbtmp3.8/3,ML4.0/1,MS3.2/1, Ms1 3.2/1,mb1mx5.2/7,Error ellipse: s-maj=75.9km s-min=46.7km az=123.0, South of Kermadec Islands

NIED 24 00:06:00.26:00N:128:70E,h14km,Mw4.7 Best double couple: Mb1.2500x1016 NPI:ns213.00000°,s41.00000°, 7.94.00000°; NPI2:ns41.00000°,s49.00000°, 1.95.00000°; BUJ 24 00:06:21.9,25:79N:128:96E,h8km,mb4.7/49,mb4.8/38, Ms4.7/45,Ms7.4/343

MOS 24 00:06:29.8z.1,3,26:05N:128:58E,h33km,mb4.9/31, MS4.2/6, Error ellipse: s-maj=13.7km s-min=5.9km az=120.7

JNTH Nagatoyohara 0.78 317 Op Pp 00 06 43.2 -0.6 JJT2 Tamagusuku 2 0.80 284 P Pg 00 06 44.4 -0.1 JOW Kunigami 0.93 341 P Sb 00 06 46.1 -0.5 JTK Okinoerabujima 1.41 359 P Pn 00 06 52.2 -0.6 JTH Iheyu 1.12 332 P Pg 00 06 53.5 -0.7 JAM Amaminishikomi 2.34 12 P Pn 00 07 06.3 -0.3 JMN Manamidaito 2.36 93 P Pn 00 07 06.6 -0.2 JAM Amami Oshima 2.61 20 P S 00 07 33.8 -1.7 JMG Gusukube 3.13 248 P S 00 07 57.2 -2.0 JIKM Ikemajima 3.20 252 P Pn 00 07 18.5 0.0 JTAJ Takarajima 3.24 9 P Pn 00 07 18.3 -0.7 JIRB Irabujima 3.30 251 P S 00 07 54.1 -3.1 JIRB Irabujima 3.30 251 P S 00 07 56.0 -2.8 JTT Tarama 3.77 251 P S 00 07 25.2 -1.0 JTN Nakanoshima 4.04 16 P Pn 00 07 29.5 -0.5 JNSH Ishigakijima 4.12 252 P Pn 00 07 29.6 -1.5 JIJ Ishigaki-jima 4.34 250 P Pn 00 07 32.8 -1.4 JKRS Kuro-shima 4.50 249 P Pn 00 07 36.1 -0.3 JKRS Kuro-shima 4.50 249 P S 00 08 25.3 -3.2 NACB Ninganchiao 6.80 256 ePn Pn 00 08 02.5 -2.6 YHNB Yeheng 6.72 261 ePn Pn 00 07 39.5 -2.3 YULB Yuli 1.67 251 ePn Pn 00 08 07.9 -4.4 YULB Yuli 1.67 251 ePn Pn 00 09 25.2 -7.9 SSSLB Suanglung 7.28 254 ePn Pn 00 08 11.2 -3.3 SSSLB Suanglung 7.28 254 ePn Pn 00 09 33.0 -4.0 NAK Natasue 7.42 15 Pn S 00 08 17.0 +0.6 JNU 1.6nm,0.3s,baz=41,slow=20,SNR=4.3 LR 00 09 37.4 -3.0 JNU comp=2.821nm,19.7s,baz=190,slow=42 LR 00 11 35.3

TPUB Ta-pu 7.72 252 ePn Pn 00 08 18.2 -2.4 NJ2 Nanjing 10.48 308 ePn Pn 00 08 58.3 -0.1 NJ2 13nm,0.6s SNR=13.3 PMZ

KS15 Wonju Array Si 11.48 357 ePn Pn 00 09 12.0 0.0 KSAR Wonju Array Be 11.48 357 P Pn 00 09 12.0 0.0 KSAR Wonju Array Be 11.48 357 Pn Pn 00 09 12.0 0.0 KSRS Korea Array 11.49 357 Pn Pn 00 09 12.0 -0.2 KSRS comp=174,slow=13,SNR=8.3 LR 00 13 56.9

MJAR Matsushiro Arr 13.37 36 Pn P 00 09 43.6 -3.9 WHN Wuhuan 13.37 37 LR 00 09 41.0 +3.0 BJI Beijing 17.47 327 P S 00 10 34.4 +1.5 BJI 17nm,0.8s PMZ 00 10 34.8 +2.3 BJI 360nm,7.8s LN 00 10 34.8 +2.3 BJI 2um,14.2s LE 00 10 34.8 +2.3 BJI 1um,12.6s LZ 00 10 34.8 +2.3 BJI 650nm,14.9s LZ 00 10 34.8 +2.3

CN2 Changchun 18.00 353 ePn P 00 10 38.4 -0.3 CN2 10.0nm,0.5s PMZ 00 10 38.4 -0.3 CN2 11nm,4.0s PMZ 00 10 38.4 -0.3 CN2 5.5s,29.9s SM 00 10 38.4 -0.3 CN2 25.2,22.7 -1.1 LN 00 10 38.4 -0.3

24d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various stations like KONT, LADK, YER, etc. with their respective coordinates and parameters.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations under 'Kermadec Islands' and 'ISC 24 01:34:30.8, 0.5, 33.86S, 0.06, 178.48W, 0.08, h37km, n117, e170/114, mb4.7/20, MS4.0/17, 1C, South of Kermadec Islands'.

1160

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like TXAR, LPAZ, CPUP, etc. with their respective coordinates and parameters.

ISC 24 01:34:25.3, 0.6, 33.60S, 178.53W, h0km, mb4.5/11, mb1.4, 7.1/13, mb1mx3.5/28, mbtmp4.5/13, MLS, 1/2, MS4.0/18, Ms 1.4/0.18, ms1mx3.9/30, Error ellipse: s-maj=22.6km s-min=17.7km az=108.0

ISC 24 01:34:26.4, 0.3, 33.79S, 178.42W, h10km, mb4.9/9, Error ellipse: s-maj=11.1km s-min=6.6km az=115.0

FUNV 24 02:01:16.6, 9.11N, 61.200W, h35km, MW3.5, 3C-2D, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUPV, MERV Las Mercedes, BIRV Bironogo, TURV Tuniamo, BAUV El Baul, MAPV Macapao, TEVP Tepairama, MONV Montecano.

MAN 24 02:16:58, 19.07N, 121.10E, h31km, mb4.6, ML3.5, MS3.4, 2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PIP Pasuquin, APYP Conner, SGCP Mt. Cagua, SGCP Dolores, CVP Caliao Caves, CVP Basco, BBP Cauayan.

IDC 24 02:34:26.2, 1.0, 4.4, 63N, 83.02E, h0km, mb3.4/4, mb1 3.6/9, mb1mx3.5/35, mbtmp3.4/9, ML3.1/5, MS2.0/1, Ms1 2.0/1, ms1mx1.9/35, Error ellipse: s-maj=18.7km s-min=12.7km az=73.0

NNC 24 02:34:29.1, 1.3, 4.4, 57N, 82.84E, h5km, mb3.9, mpv3.7, Error ellipse: s-maj=11.2km s-min=7.0km az=120.0

ISC 24 02:34:28.7, 0.9, 44.69N, 0.06, 83.17E, 0.0, h17km, n21, r122.20, mb3.4/4, 10C-11D, Northern Xinjiang

Main table for station data in the 1161 section, including stations like MK31 Makanchi Array, PDGK Podgoryoye, TKM2 Tokmak 2, AAK Ala-Archa, KURBB Kurchatov Arra, etc.

IDC 24 02:52:41.0, 3.0, 33.60S, 178.65W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.7/20, mbtmp3.9/3, ML3.9/1, Error ellipse: s-maj=70.7km s-min=35.8km az=119.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

CSEM 24 03:17:21.7, 0.4, 36.74N, 3.55E, h5km, mb4.0, Error ellipse: s-maj=11.2km s-min=7.0km az=91.0

CRAAG 24 03:17:21.5, 36.64N, 3.45E, ML3.2

MDD 24 03:17:22.0, 0.5, 36.67N, 3.49E, h0km, mb4.0/10, Error ellipse: s-maj=7.5km s-min=4.3km az=82.0, PRXIMO

ISC 24 03:17:20.9, 0.9, 36.68N, 0.03, 3.55E, 0.04, h18km, n65, r175/81, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABMS Boumerdes, ABA Alger-Bouzarea, ADJB Djebel Djouab, EMHD Djebel Mahouad, AKET Djebel Ketaf, EBNR Beni Rached.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EBNR Beni Rached, ECHA Ech Chlef, ECHA Ech Chlef, ECHA Ech Chlef, ECHP Ech Chlef, EANR 'Ain N'Sour, EANR 'Ain N'Sour, EANR 'Ain N'Sour, EANTR Tiarret, ETRT Tiarret, ETRT Tiarret, OKGL Djebel Kef Gue.

ISC 24 03:27:07.7, 1.1, 32.85S, 0.07, 70.13W, 0.06, h120km, 9km, ANTU Error ellipse: s-maj=12.1km s-min=5.8km az=150.0

Main table for station data in the 2010 NOV section, including stations like EIBI Ibiza, EIBI Ibiza, EIBO Mallorca, ETOS Mallorca, ETOS Mallorca, EMUR La Murta, EMUR La Murta, ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, EMOS Mosqueruela, EMOS Mosqueruela, ERTA Horta de San J, EHUE Huesca, EHUE Huesca, EPOB Poblet, EPOB Poblet, SESP Santiago Espad, SESP Santiago Espad, CFON Fontmartina, CFON Fontmartina, EBER Berja, EBER Berja, EQES Quesada, EQES Quesada, EMIR Mirale, EMIR Mirale, SJAF Saint Jean de, SJAF Saint Jean de, CLLI Livlia, CLLI Livlia, CSOR Sort, CSOR Sort, ETOR Torete, ETOR Torete, ATE Arete, ATE Arete, EAR1 Arriendas, EAR1 Arriendas, EAR2 Calabor, EAR2 Calabor, ECAL Calabor, ECAL Calabor.

ISC 24 03:27:09.0, 0.4, 32.94S, 70.45W, h130km, 4km, ML2.7

GUC 24 03:27:07.2, 5.5, 32.85S, 0.08, 70.15W, 0.06, h121km, 18km, n14, 09:49/26, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PEL Feldehue, CLCH Cerro Calan, ROCH El Roble, ANTU Antumapu, RCDM Rinconada Maip, AUSP Uspallata, ARCO Cerro Arco, AAGR Agrelo, ASAL Galagasta, RTLS Leoncito.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTLS Coronel Fontan, CFAA Mognona, AVFE Valle Fertil, AVFE Valle Fertil.

NEIC 24 03:35:26.7, 1.4, 5.59N, 127.19E, h90km, 12km, mb4.1/3, Error ellipse: s-maj=28.0km s-min=7.3km az=71.0

IDC 24 03:35:26.7, 3.0, 5.54N, 127.12E, h89km, 23km, mb3.9/11, mb1 4.0/12, mb1mx3.7/46, mbtmp4.2/12, MS2.4/1, Ms1 2.4/1, ms1mx2.1/37, Error ellipse: s-maj=57.5km s-min=12.6km az=68.0

ISC 24 03:35:27.3, 0.8, 5.53N, 0.07, 127.2E, 0.2, h100km, n21, r130/23, mb4.2/14, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Davao City (B), DAV 91nm, DAV comp=Z, 7.9nm, 20.0s, DAV Davao City (B), DAV General Santos, TNTI Ternate, TNTI Ternate, LUWI Luwuk, FITZ Fitzroy Crossi, WRAB Bennett Creek, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, BVAR Borovoye Array, BRVK Borovoye, ABKAR Akbulak Arra, AKTO Akiyubinsk, ARAR Akiyubinsk, LAR ARCES Array B, FINES FINESS Array B, TORD Torod Ar. Bea.

IDC 24 03:44:00.4, 0.8, 40.85N, 75.63E, h0km, mb4.1/14, mb1 4.2/20, mb1mx1.4/46, mbtmp4.1/20, ML3.3/6, MS3.6/13, Ms1 3.6/13, ms1mx3.7/47, Error ellipse: s-maj=16.2km s-min=13.2km az=157.0

ISCJB 24 03:44:01.2, 0.7, 41.1N, 0.02, 75.73E, 0.0, h9km, 4km, mb4.2/30, MS3.6/14, Error ellipse: s-maj=4.2km s-min=2.8km az=164.6

KRNET 24 03:44:02.5, 0.1, 41.26N, 75.55E, h8km, mb4.5, BUI 24 03:44:02.6, 41.22N, 75.55E, h10km, mb4.2/17, mb4.6/10, ML4.5/8, ML4.2/8, Ms7 3.7/7

NNC 24 03:44:03.1, 0.6, 41.22N, 75.55E, h0km, mb4.7, mpv4.4, Error ellipse: s-maj=4.7km s-min=3.5km az=169.0

NEIC 24 03:44:05.2, 2.9, 41.12N, 75.63E, h26km, 20km, mb4.4/3, Error ellipse: s-maj=12.5km s-min=7.7km az=176.0

MOS 24 03:44:05.6, 1.6, 41.19N, 75.67E, h31km, mb4.4/12, Error ellipse: s-maj=8.4km s-min=4.9km az=101.2

ISC 24 03:44:02.5, 0.9, 41.13N, 0.03, 75.58E, 0.02, h4km, 5km, n153, r197/180, mb4.2/30, MS3.6/14, 48C-37D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NRN Naryn, KZA Kyzart, ARLS Aral, ARLS Ulaloh, ULHL Ulaloh, ULHL Ulaloh, UCH Uchtor, BOOM Boomsyok usch, BOOM Boomsyok usch, KBK Karagaybulak, KBK Karagaybulak, KSH Kashi, KSH Kashi, KSH Kashi.

ISC 24 03:27:07.7, 1.1, 32.85S, 0.07, 70.13W, 0.06, h120km, 9km, ANTU Error ellipse: s-maj=12.1km s-min=5.8km az=150.0

SJA 24 03:27:07.9, 0.7, 32.79S, 70.12W, h114km, 4km, MD2.8, ML2.6

GUC 24 03:27:08.9, 0.4, 32.94S, 70.45W, h130km, 4km, ML2.7

ISC 24 03:27:07.2, 5.5, 32.85S, 0.08, 70.15W, 0.06, h121km, 18km, n14, 09:49/26, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PEL Feldehue, CLCH Cerro Calan, ROCH El Roble, ANTU Antumapu, RCDM Rinconada Maip, AUSP Uspallata, ARCO Cerro Arco, AAGR Agrelo, ASAL Galagasta, RTLS Leoncito.

24d 3h

Table with columns: FRU, CHMS, EKS2, EKS3, USP, MNAS, MNAS, ARK, PDGK, PDGK, PDGK, PDGK, BTK, BTK, KK31, KK31, KK31, KKAR, KKAR, KKAR, MK31, MK31, MK31, MK31, MKAR, MKAR, OTUK, OTUK, OTUK, OTUK, CHCP, CEP, THW, DHRM, DHRM, DHRM, WMQ, WMQ, WMQ, SARP, KURBB, KURBB, KURBB, KURBB, KURBB, SMLA, SMLA, SMLA, DDI, BVAO, BVAO, BVAO, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK. Each row contains station name, frequency, power, and other technical details.

2010 NOV

Table with columns: BRVK, BRVK, BRVK, NDI, ZRNC, ZRNC, ZRNC, IMYA, CHKZ, CHKZ, CHKZ, IEMG, AB31, AB31, AB31, IPAY, GEYT, IAKL, ISFR, ZALV, ZALV, ZALV, DANM, AJM, NVS, KOLN, GKN, AKTO, AKTO, AKTO, AKTO, KKN, DMN, GUN, ITEG, PKIN, PKI, RAMN, TAPN, ODAM, GTA, GTA, GTA, GTA, ARU, ARU, ARU, ARU, SHL, ZAK, ZAK, SONM, ULN, ULN, ULN, GNI, GNI, GNI, HYB, HYB, KBZ, KIV, KIV, KIV, OBN, OBN, OBN, BRTR, BRTR, BRTR, AKASG, AKASG, AKASG, AKASG, AKASG. Each row contains station name, frequency, power, and other technical details.

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Table with columns: KIEV, FINES, YAK, YAK, YAK, ARCES, ARCES, VYHS, VYHS, TIXI, TIXI, DPC, DPC, DPC, CONA, NOARS, NOARS, NOA, NOA, CLL, CLL, GERES, GERES, KHC, KHC, KEST, KEST, BILL, BILL, BILL, BILL, KMBO, KMBO, ESDC, ESDC, COLD, COLD, INK, INK, COLA, COLA, ILAR, ILAR, TORD, TORD, YKA, YKA, SCHO, SCHO, WRA, WRA, ASAR, ASAR, SADO, SADO, PDAR, PDAR. Each row contains station name, frequency, power, and other technical details.

ISCJB 24 03:52:35.6,0.5,50.07N,0.03,18.99E,0.03,h0km, Error ellipse: s-maj=4.6km s-min=2.4km az=13.0 IPEC 24 03:52:36.0,0.2,50.14N,0.11E,17.1km,ML2,0/3, Error ellipse: s-maj=2.7km s-min=1.1km az=165.0 CSEM 24 03:52:36.0,0.4,50.10N,19.05E,h2km,ML2,7/12, Error ellipse: s-maj=8.2km s-min=4.2km az=50.0 PRU 24 03:52:37.2,50.10N,19.05E,h3km VIE 24 03:52:43.8,0.6,49.77N,18.64E,h0km,mb,1.72,ml2,1/3, Error ellipse: s-maj=3.5km s-min=3.0km az=100.0 Suspected Mining induced. ISC 24 03:52:36.4,0.8,50.07N,0.03,19.06E,0.02,h0km,n34, e087/49,12,Poland

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time Res. Each row contains station name, frequency, power, and other technical details.

Table with columns: ELK, comp, Z, F, m, pmax, pmax, 04 22 39.4 +0.4, etc. Lists various station data including Goldstone, Topopah Spring, and others.

Table with columns: TORD, Torodi Ar. Bea, 134.76 302, PKHP, PKPpre, 04 28 41.2, etc. Lists station data for Torodi Ar. Bea, DBIC, KIC, TIC, LIC, CFAA, LVC, LVP, LPAZ, SAML, CPUP, SIV, WRA, ILAR, NVAR, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc. Lists station data for Haleakala, Hawaii Prepar, Kailua Kona, and others.

ellipse: s-maj=54.0km s-min=26.5km az=137.0
NCC 24 05:49:55.71.4.36:85N-71.06E,h133km,26km,mb3.4,
mpv4.2,Error ellipse: s-maj=13.8km s-min=10.5km
az=64.0

ISC 24 05:49:52.21.7.36:6N:01:17:1E:0.1,h100km,m28,
o091/31,mb3.9/3,3C-3D,Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists seismic stations and their parameters.

BUIJ 24 06:02:56.5, 11:56N:143:95E, h30km, mb4.8/37, mB5.1/30,
Ms4.6/21, Ms7.4/218

IDC 24 06:02:56.2, 0.5, 11:88N:143:69E, h0km, mb4.5/27,
mb1.4/6/27, mb1mx4.5/44, mbtmp4.5/27, MS3.8/27,
Ms1.3/8/27, ms1mx3.7/38, Error ellipse: s-maj=21.0km
s-min=12.4km az=79.0

MOS 24 06:02:59.9, 1.2, 11:88N:143:45E, h33km, mb5.1/20, Error
ellipse: s-maj=11.1km s-min=7.2km az=101.2

ISCJIB 24 06:03:01.1, 0.3, 11:94N:0105:143:52E:0:04, h33km,
mb4.8/72, MS3.9/30, Error ellipse: s-maj=6.9km
s-min=5.3km az=166.7

NEIC 24 06:03:02.5, 0.3, 11:89N:143:49E, h35km, mb5.1/37, Error
ellipse: s-maj=8.8km s-min=7.3km az=107.0

NEIC Felt at Barrigada, Guam.
ISC 24 06:03:02.3, 0.5, 11:89N:0106:143:61E:0:06, h34km, mb1km,
h35km: p-P, n171, c194/181, mb5.0/72, MS3.9/30, 9C-5D,
South of Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists seismic stations and their parameters.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists seismic stations and their parameters.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists seismic stations and their parameters.

Table with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like JANG Nango, JTM Tenmabayashi, JOT Ohata, etc.

BUL 24 08:38:23.9, 6.44S:130.80E, h125km, mb4.9/42, mB5.0/28
MOS 24 08:38:25.2, 0.9, 6.11S:130.55E, h112km, mb5.0/8, Error
ellipse: s-maj=15.0km s-min=8.2km az=115.2

ISCJ 24 08:38:26.2, 0.2, 6.17S:130.02E, h124km, mb4.8/34, Error ellipse: s-maj=5.0km s-min=3.3km
az=166.4
IDC 24 08:38:27.2, 2.5, 6.15S:130.45E, h111km, mb4.2/16, mB1
4.3/18, mb1mx4.2/28, mbtp4.6/18, MS3.1/8, Ms1 3.1/8, ms1mx2.8/31, Error ellipse: s-maj=18.0km
s-min=10.3km az=76.0

AUST 24 08:38:28.1, 0.2, 6.27S:130.65E, h122km, Error ellipse:
s-maj=0.9km s-min=0.6km az=261.0
NEIC 24 08:38:28.7, 0.6, 6.17S:130.62E, h129km, mb5.0/12,
Error ellipse: s-maj=7.4km s-min=5.4km az=51.0
DJA 24 08:38:28.3, 0.2, 6.18S:131.15E, h129km, mb5.0/33,
mb5.2/33, mb5.4/23, MLV5.5/13, MWP6.4/11
ISC 24 08:38:28.0, 0.3, 6.18S:130.65E, h124km, mb4.9/33, 4C-4D, Banda Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saui, etc.

Main station list table for 2010 NOV with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like SBUM Sibiu, CTA Charters Tower, KSM Kuching, etc.

Main station list table for 24d 8h with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like HYB Hyderabad, KOLN Kolderand, ULN Ulanbaatar, etc.

NEIC 24 08:46:42.0, 32.08'N:115.07'W, h8km, ML2.6(PAS),
ML3.1(ICC), After ECX.
ECX 24 08:46:42.9, 0.6, 32.08'N:115.07'W, h8km, MD2.6, ML2.8,
3C-5D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like CPBX Cerro Prieto, CPBX CPBX, etc.

Table with columns: BKZ, Black Stump Fm, 6.79 212 ePN, Pn, 10 03 28.1 -1.3, etc. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like San Pedro de C, COCH, CCHI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Diego Garcia H, H08N2, H08N3, etc.

GUC 24 10:09:05.70.4.29.47S:71.04W, h57km, 1km, ML4.0
ISCJB 24 10:09:05.70.5.29.45S:0.02:71.25W,0.07, h58km,4km,
mb1.1/13, MS3.4/2, Error ellipse: s-maj=9.6km
s-min=3.9km az=4.0
SJA 24 10:09:06.9.0.7.29.56S:70.73W, h10km, 16km, ML3.9,
MW3.5
NEIC 24 10:09:06.5.0.29.43S:71.09W, mb4.5/3, Error ellipse:
s-maj=11.5km s-min=7.3km az=82.0
NEIC Fell [IV] at La Higuera and [III] at Andacollo, Coquimbo, La
Serena and Vicuna.
IDC 24 10:09:06.5.0.29.43S:70.93W, h50km, 5km, mb3.8/9,
mb1.3/9.12, ms1mx3.8/29, mbtmp4.0/12, MS3.2/7,
ms1.3/2.7, ms1mx3.0/26, Error ellipse: s-maj=22.5km
s-min=15.9km az=77.0
BUJ 24 10:09:09.0.29.60S:71.00W, h51km, mb5.2/1
ISC 24 10:09:06.0.5.29.42S:0.03:71.29W,0.07, h47km,4km,
h47km?pp-P, n81, e158/55, mb4.1/13.7Z, Near coast of
central Chile

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists numerous stations including La Serena, Las Campanas, Valle Fertil, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BOSA, TOAO, TORO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ISK, CSEM, DDA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MRMT Marmara Adasi, SERI Serifos, SKIA Skiathos, PAIG Paliouri, etc.

NIC 24 10:21:18.6, 33°63'N, 32°43'E, h33km, ML3.2
CSEM 24 10:21:19.8, 0.2, 33°74'N, 32°39'E, h30km, ML3.2, Error
ellip: s-maj=12.7km s-min=2.8km az=102.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SZAC Souini-Zanaja, PPHY Paphos, AKMC Akamas, etc.

WEL 24 10:22:25.1, 0.6, 45°39'S, 166°67'E, h26km, 3km, ML3.7/12,
3C-2D, Error ellipse: s-maj=5.4km s-min=3.2km az=90.0,
Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like DCZ Deep Cove, PUY Puysegur Point, WHT Wether Hill, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LBZ Lake Benmore, FOZ Fox Glacier, ODZ Othaua Downs, etc.

CASC 24 10:27:08.4, 2.5, 13°30'N, 91°40'W, h36km, 99km, MD3.5,
Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FUG Fuego 3, PAC Pacaya, LAS Las Nubes, etc.

WEL 24 10:33:32.4, 0.4, 36°53'S, 179°32'W, h33km, ML3.9/9, Error
ellip: s-maj=6.6km s-min=5.5km az=0.0, East of
North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MXZ Matakaoa Point, WNGZ Waionataini S, PKGZ Pakihiora, etc.

DDA 24 10:36:30.3, 40°08'N, 31°91'E, h7km, Md2.6
ISCJB 24 10:36:32.3, 0.7, 40°16'N, 0°03'31.65E, 0.06, h0km, Error
ellip: s-maj=7.0km s-min=4.3km az=159.9

CSEM 24 10:36:33.6, 0.3, 40°09'N, 31°54'E, h1km, MD2.7, Error
ellip: s-maj=6.4km s-min=4.2km az=57.0, Mining
explosion.

ISK 24 10:36:33.4, 40°11'N, 31°55'E, h9km, MD2.7
ISC 24 10:36:32.1, 0.9, 40°14'N, 0°03'31.66E, 0.04, h0km, n23,
r103/33, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AUMIH MIHALICIK, MDUB Mudurnu, BTAS Taskesti, etc.

FUNV 24 10:54:13.1, 12°81'N, 73°36'W, h25km, MW3.6, Caribbean
Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VIRV Villa del Rosa, DABV Dabajuro, MONV Montecano, etc.

Code Station Name Azimuth Azimuth Error Phase ID Time Res Residual Error
WRA Warramunga Arr 37.43 262 Op P ISC h m s ISC
1.0mm, 0.3s, baz=32, slow=8, SNR=8.5
ASAR Alice Springs 37.65 256 P P 11 06 53.5 -0.2
1.8mm, 0.6s, baz=89, slow=7, SNR=38
ILAR Ellison Array 88.57 16 P P 11 12 30.9 +0.1
0.6mm, 1.0s, baz=214, slow=6.4, SNR=4.1

NIED 24 11:09:00.36, 30°N, 141°00'E, h41km, Mw4.9, Best double
couple: M=2.69000x10^16 NP1=199.00000, 816.00000,
1.89.00000. NP2=20.00000, 874.00000, 1.90.00000.
BGR 24 11:09:01.4, 34°75'N, 141°97'E, h33km, mb5.3, Ms4.4
BUJ 24 11:09:08.1, 36°16'N, 141°05'E, h42km, mb5.0/71, mb5.0/49,
Ms4.5/71, Ms7.4/368
ISCJB 24 11:09:11.0, 0.3, 36°23'N, 0°02'140.87E, 0.02, h47km, 2km,
mb5.1/71, MS4.2/44, Error ellipse: s-maj=3.4km
s-min=2.8km az=39.0
JMA 24 11:09:10.7, 36°23'N, 140°90'E, h47km, 1km, M4.9
JMA Felt IV J
NEIC 24 11:09:11.7, 0.1, 36°20'N, 140°80'E, mb5.2/49,
MW4.9(NIED), Error ellipse: s-maj=4.3km s-min=3.2km
az=129.0
NEIC Felt [I] at Tokyo. Also felt at Chiba, Fussa, Hitachinaka,
Koriyama, Narita, Otowa, Sendai, Sodegaura, Tsukuba,
Wako and Yokosuka. Recorded [4 JMA] in Ibaraki; [3 JMA]
in Chiba, Fukushima and Tohigi; [2 JMA] in Gumma and
Saitama; [1 JMA] in Kanagawa, Miyagi, Nagano and
Tokyo.

GCMT 24 11:09:11.6, 0.3, 36°19'N, 141°03'E, h47km, 1km, MW5.0/81,
Moment Tensor Solution, s42, s22: s81, c133. Duration:
0. Moment tensor: Scale 10^19Nm; Mrc, 3.2e17;
Mw=0.3; 12; Mw=3.35e12; Mw=0.44e10; Mw=1.42e10;
Mw=2.62e10; Best double couple: M=4.47400x10^16
NP1=199.00000, 863.00000, 1.83.00000. NP2:
209.00000, 827.00000, 1.104.00000. Principal axes:
T 4.2270, P1g71.0000, Azm268.0000; N 0.4910,
P1g6.0000, Azm16.0000; P -4.7200, P1g18.0000.
Azm18.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
IDC 24 11:09:12.0, 4.3, 32°24'N, 140°32'E, h44km, 4km, mb4.6/36,
mb1.4/739, mb1mx4/646, mbmp4/839, ML4.5/3, MS4.1/38,
Ms1.4/138, ms1mx4/046 Error ellipse: s-maj=11.3km
s-min=7.0km az=105.0
MOS 24 11:09:13.2, 0.9, 36°63'N, 140°73'E, h49km, mb5.3/48,
MS4.3/9, Error ellipse: s-maj=6.6km s-min=4.3km
az=111.3
ISC 24 11:09:11.3, 0.3, 36°24'N, 0°03'140.90E, 0.03, h39km, 2km,
h39cm, p-P, n565, 0.1921/638, mb5.1/172, MS4.2/45,
23C-57D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JHO Hitachi, CHJO Choshi, CHJO Yasato, etc.

DDA 24 10:36:30.3, 40°08'N, 31°91'E, h7km, Md2.6
ISCJB 24 10:36:32.3, 0.7, 40°16'N, 0°03'31.65E, 0.06, h0km, Error
ellip: s-maj=7.0km s-min=4.3km az=159.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AUMIH MIHALICIK, MDUB Mudurnu, BTAS Taskesti, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUG, BW06, PDAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL, CLL, CLL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like 121A, SCHO, SCHO, etc.

24d 11h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like COLA College, ILAR Eielson Array, BVAR Borovoye Array, etc.

2010 NOV

Table with columns for call sign, frequency, power, and other technical details. Includes stations like N02D Trinity Center, IRAM Ramesh, WDC Whiskeytown Da, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, VSR Storozhevo, VORD Divnogorie, etc.

24d 12h

IDC 24 12:27:48.5:11.0, 12:16N:103.75W, h0km, mb3.5/2, mb1.3/3, mb1mx3.7/29, mbtmp3.4/3, ML3/01, MS3.8/2, Ms1.3/8.2, ms1mx3.1/19, Error ellipse: s-maj=269.1km s-min=122.7km az=111.0

ISCJB 24 12:28:24.8:0.5, 18:22N:0.04:100:03W:0.03, h56km, 6km, mb3.1/3, MS3.7/2, Error ellipse: s-maj=6.3km s-min=5.3km az=3.3

MEX 24 12:28:27.0:0.6, 18:24N:100.02W, h53km, 4km, MD4.0 NEIC 24 12:28:27.0, 18:24N:100.02W, h53km, MD4.0(MEX), After MEX

ISC 24 12:28:25.5:1.0, 18:21N:0.03:100:03W:0.03, h53km, 8km, n25, r124/40, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ARIG, MEIG, PLIG, etc.

BGR 24 12:34:13.4, 19:89S:170:66E, h243km NEIC 24 12:34:16.7:0.1, 18:98S:169:35E, mb5.1/75, Error ellipse: s-maj=5.2km s-min=4.0km az=154.0

GCMT 24 12:34:16.7:0.3, 19:01S:169:30E, h251km, 2km, MW5.2/74, Moment Tensor Solution. s44.c57; s74.c109; Duration: 0 Moment tensor: Scale 10^19Nm; Mw5.31+-0.20; Mw1.55+-0.19; Mw0.68+-0.17; Mw0.23+-0.22; Mw0.05+-0.19; Mw0.10+-0.20; Best double couple: Mw6.73400x10^16

NP1:0.154.000000; 0.555.000000; 1.60.000000; NP2: 0.159.000000; 0.845.000000; 1.126.000000; Principal axes: T=6.4560, Plg65.0000; Azm7.0000; N=0.5550, Plg25.0000; Azm172.0000; P=7.0110, Plg6.0000; Azm265.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 24 12:34:16.0:0.0, 18:98S:169:36E, h240km, 7km, mb4.6/30, mb1.4/7.3, mb1mx4.6/41, mbtmp5.1/33 Error ellipse: s-maj=7.4km s-min=6.9km az=144.0

MOS 24 12:34:16.7:0.9, 18:98S:169:32E, h259km, mb5.3/37, Error ellipse: s-maj=8.6km s-min=8.2km az=177.2

ISCJB 24 12:34:16.4:0.7, 19:02S:0.04:169:33E:0.03, h255km, 6km, mb4.9/115, Error ellipse: s-maj=6.8km s-min=4.2km az=165.7

BUI 24 12:34:17.4, 18:49S:169:58E, h255km, mb5.0/50, mb5.0/50

AUST 24 12:34:21.7, 19:00S:169:47E, h300km ISC 24 12:34:16.8:0.3, 18:98S:0.05:169:40E:0.04, h250km, 2km, h250km:pp-P, n503, r1914/512, mb5.0/115, 43C-15D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like DZM, MSFV, Nonsavu, etc.

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Main table with columns: QLP, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like QLP, RPZ, CMSA, etc.

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Table with columns: IPM, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like IPM, USRK, WHN, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RC01 Rabbit Creek A, CIS Catalina Islan, FMP Fort Macarthur, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like I05D Terrebonne, BOD Bodaibo, TPNV Topopah Spring, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like INK chaz=96, INK Inuvik, INK Inuvik, etc.

ISK 24 13:00:01.5, 37.86N;27.37E, h2km, MD2.7
ISCJB 24 13:00:02.1, 0.6, 37.86N;0.04;27.37E;0.04, h8km, 7km,
Error ellipse: s-maj=6.6km s-min=5.1km az=175.0
DDA 24 13:00:02.5, 37.86N;27.34E, h1km, MD2.6
CSEM 24 13:00:02.0, 0.4, 37.86N;27.38E, h11km, 5km, MD2.6,
Error ellipse: s-maj=10.6km s-min=7.8km az=68.0
ISC 24 13:00:01.9, 0.9, 37.86N;0.03;27.38E;0.03, h13km, 9km,
n20, 0.962/28, Turkey

ellipse: s-maj=43.2km s-min=17.5km az=17.0
ISC 24 13:35:55.8, 1.2, 3.9N;0.62;1E;0.2, h10km, n10, 0.982/6,
mb3.8/6, Carlsberg Ridge

Table with columns: IGLO, Ghaloghah, 26.00, 18, eP, P, 13 41 52.6 +0.4
ISHB, Shabestar, 26.29, 3, eP, P, 13 41 55.0 +0.2
GNI, Gari, 28.12, 1, eP, P, 13 42 13.4 +2.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
GCAM G7zelcam! 0.20 216 P Sg 13 00 06.5 +0.1
GCAM G7zelcam! 0.20 216 P Sg 13 00 09.3 +0.1
GCAM G7zelcam! 0.20 216 P Sg 13 00 05.1 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
H08N2 Diego Garcia H 13 49 139 T T 13 51 25.6
H08N3 Diego Garcia H 13 49 139 T T 13 51 28.6
H08N1 Diego Garcia H 13 49 139 T T 13 51 27.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
MAK Makhachkala 31.07 5 eP MLR MLR 13 42 41.0 +4.0
MAK Neytrino 31.23 358 eP Pmax Pmax 13 42 40.4 +1.7
NEU Neytrino 31.23 358 eP Pmax Pmax 13 42 40.4 +1.7

CASC 24 13:13:13.3, 1.5, 13.49N;90.72W, h20km, 6km, MD3.4,
ML3.6
IDC 24 13:13:21.4, 3.9, 13.63N;91.14W, h80km, 23km, mb3.5/1,
mb1 3.6/4, mb1mx3.3/7, mbtmp3.6/4, MS3.6/2, Ms1 3.6/2,
ms1mx2.8/22, Error ellipse: s-maj=17.4km s-min=13.0km
az=37.0

BUI 24 13:36:14.0, 1.2, 14N;43.35E, h10km, mb4.6/21, mb5.0/14,
Ms4.7/9, Ms7 4.3/8
CSEM 24 13:36:17.8, 0.2, 11.98N;44.15E, h2km, mb4.7/18, Ms5.0,
Error ellipse: s-maj=8.7km s-min=6.5km az=124.0
IDC 24 13:36:17.1, 0.5, 11.95N;44.04E, h0km, mb3.4/2/27,
mb1 4.3/29, mb1mx4.1/52, mbtmp4.2/29, ML3.8/2, MS3.9/25,
Ms1 3.9/25, ms1mx3.7/41, Error ellipse: s-maj=13.7km
s-min=10.7km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
KIV Kislodovsk 31.94 358 eP S 13 42 46.5 +1.7
KIV Kislodovsk 31.94 358 eP Smax Pmax 13 42 56.8 +1.3
KIV comp=2.15nm, 1.0s 13 42 46.5 +1.7
KIV comp=2.15nm, 1.0s 13 42 56.8 +1.3

ISC 24 13:13:14.8, 2.5, 13.7N;0.1;90.69W;0.08, h30km, 16km,
n22, 0.1918/25, Near coast of Guatemala

MOS 24 13:36:17.0, 1.1, 11.93N;44.06E, h10km, mb4.9/16, Error
ellipse: s-maj=11.7km s-min=6.4km az=87.0
NEIC 24 13:36:18.6, 0.3, 11.97N;44.04E, h10km, mb4.6/8, Error
ellipse: s-maj=9.6km s-min=6.9km az=118.0
DSN 24 13:36:20.6, 3.1, 12.05N;44.30E, h11km, mb4.6/11,
Ms5.0/11, Error ellipse: s-maj=13.1km s-min=34.5km
az=134.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
PALK Palkeleke 36.38 94 LR LR 13 55 10.8
TAM Tamnarrasset 38.25 292 eP P 13 43 40.4 +0.8
TAM Tamnarrasset 38.25 292 eP P 13 43 40.4 +0.8
TAM Tamnarrasset 38.25 292 eP P 13 43 40.4 +0.8
KKAR Karatay Array 38.59 32 Pmax Pmax 13 43 40.4 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
PCG Pacaya 0.74 6 eP Pn 13 13 30.8 +1.3
PCG Pacaya 0.74 6 eP Sb 13 13 36.6 -2.1
FUG Fuego 3 0.81 349 eP P 13 13 31.1 +0.7
NBG Las Nubes 0.80 20 eP Pn 13 13 35.2 +1.6

OMAN 24 13:36:21.6, 0.1, 11.62N;44.78E, h10km, Error ellipse:
s-maj=26.2km s-min=1.6km az=303.0
ISC 24 13:36:19.8, 0.6, 11.92N;0.05;44.09E;0.06, h17km, 3km,
n16km; PP-P, n207, 0.1922/207, mb4.4/49, MS3.8/25, 17C-D,
Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
KAR Karatay Array 38.59 32 P 13 43 40.4 -1.6
KAR Karatay Array 38.59 32 P 13 43 40.4 -1.6
KAR Karatay Array 38.59 32 P 13 43 40.4 -1.6
KAR Karatay Array 38.59 32 P 13 43 40.4 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
MTOZ Montecristo Z 1.49 60 eP Pn 13 13 40.4 +0.7
LFU Lfu Fuento 1.53 86 eP Pn 13 13 40.8 +0.6
LFU Lfu Fuento 1.53 86 eP Sb 13 14 01.9 +0.2

ATD Arta Tunnel 1.28 252 Pn Pn 13 36 39.9 -3.0
ATD Arta Tunnel 1.28 252 Pn S 13 36 57.5 -2.1
DAMY Dhamar 2.65 6 ePn Pn 13 36 58.7 -3.4
DAMY Dhamar 2.65 6 ePn S 13 37 39.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
AKK Al-Archah 40.41 35 eP P 13 43 57.2 -0.2
AAK Al-Archah 40.41 35 eP P 13 43 58.7 +1.3
AAK Al-Archah 40.41 35 eP Pmax Pmax 13 43 58.7 +1.3
AAK Al-Archah 40.41 35 eP P 13 43 57.2 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
MIRL Marmol 1.71 34 eP Pn 13 14 02.5 -0.6
San Miguel 2.36 36 eP Pn 13 14 44.8 -0.8
COPN Copallepe 4.25 110 eP Pn 13 14 17.5 -0.1
CMIG Matias Romero 5.30 311 P Pn 13 14 34.2 +2.3

ATD Arta Tunnel 1.28 252 Pn Pn 13 36 39.9 -3.0
ATD Arta Tunnel 1.28 252 Pn S 13 36 57.5 -2.1
DAMY Dhamar 2.65 6 ePn Pn 13 36 58.7 -3.4
DAMY Dhamar 2.65 6 ePn S 13 37 39.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
FRU Bishkek 40.61 35 eP P 13 43 59.5 +0.6
KOLS Kolonicke sedl 41.11 338 eP P 13 44 03.9 +1.1
KOLS Kolonicke sedl 41.11 338 eP P 13 44 03.9 +1.1
KOLS Kolonicke sedl 41.11 338 eP P 13 44 03.9 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
JTS JuntasAbangare 6.53 120 P P 13 14 59.0 -8.8
JTS JuntasAbangare 6.53 120 P S 13 16 19.0 -6.3
XTAR Lajitas Array 19.70 324 P P 13 17 43.3 -0.2
XTAR Lajitas Array 19.70 324 P P 13 17 43.3 -0.2

ATD Arta Tunnel 1.28 252 Pn Pn 13 36 39.9 -3.0
ATD Arta Tunnel 1.28 252 Pn S 13 36 57.5 -2.1
DAMY Dhamar 2.65 6 ePn Pn 13 36 58.7 -3.4
DAMY Dhamar 2.65 6 ePn S 13 37 39.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
VYHS Vyhne 42.09 335 eP Pmax Pmax 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
MTOZ Montecristo Z 1.49 60 eP Pn 13 13 40.4 +0.7
LFU Lfu Fuento 1.53 86 eP Pn 13 13 40.8 +0.6
LFU Lfu Fuento 1.53 86 eP Sb 13 14 01.9 +0.2

ATD Arta Tunnel 1.28 252 Pn Pn 13 36 39.9 -3.0
ATD Arta Tunnel 1.28 252 Pn S 13 36 57.5 -2.1
DAMY Dhamar 2.65 6 ePn Pn 13 36 58.7 -3.4
DAMY Dhamar 2.65 6 ePn S 13 37 39.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
VYHS Vyhne 42.09 335 eP Pmax Pmax 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4
VYHS Vyhne 42.09 335 eP P 13 44 11.3 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC
MTOZ Montecristo Z 1.49 60 eP Pn 13 13 40.4 +0.7
LFU Lfu Fuento 1.53 86 eP Pn 13 13 40.8 +0.6
LFU Lfu Fuento 1.53 86 eP Sb 13 14 01.9 +0.2

ATD Arta Tunnel 1.28 252 Pn Pn 13 36 39.9 -3.0
ATD Arta Tunnel 1.28 252 Pn S 13 36 57.5 -2.1
DAMY Dhamar 2.65 6 ePn Pn 13 36 58.7 -3.4
DAMY Dhamar 2.65 6 ePn S 13 37 39.6 +0.1

ISCJB 24 13:35:53.9, 0.9, 4.0N;0.3;62.1E;0.2, h10km, mb4.0/6,
MS3.5/1, Error ellipse: s-maj=50.3km s-min=20.4km
az=16.9
IDC 24 13:35:54.0, 1.1, 3.85N;62.13E, h0km, mb3.9/5, mb1 4.1/5,
mb1mx3.5/4, mbtmp3.9/5, MS3.6/1, Ms1 3.6/1,
ms1mx2.7/43, Error ellipse: s-maj=56.7km s-min=22.7km
az=16.0
NEIC 24 13:35:55.9, 0.8, 3.96N;62.13E, h10km, mb4.6/1, Error

24d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like MOS, BOSA, DPC, GERES, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SYO, FITZ, MJAR, PETK, WTK, ASAR, INK, NVAR, TXAR, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like 531A, 537A, 530A, etc.

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WMOK	Wichita Mounta	18.39 360	eP	Pn	14 05 29.3	-1.9
WMOK	Wichita Mounta	18.39 360	eP	Pn	14 05 29.3	-1.9
X37A	Clayton	18.49	9 P	P	14 05 31.9	-0.5
X38A	Whitesboro	18.66	10 P	P	14 05 33.8	-0.5
AMTX	Amarillo	18.71 353	P	Pn	14 05 35.0	-0.3
AMTX	Amarillo	18.71 353	eP	P	14 05 34.4	-0.6
W32A	Sentinel	18.78 359	P	Pn	14 05 35.8	-0.2
MIAR	Mount Ida	18.79	13 eP	P	14 05 34.7	-0.9
MIAR	Mount Ida	18.79	13 P	P	14 05 35.0	-0.6
MIAR	Mount Ida	18.79	13 eP	P	14 05 34.7	-0.9
W33A	Caddo, Fort Co	18.80	1 P	P	14 05 35.8	-0.1
W31A	Holland Ranch,	18.86 357	P	P	14 05 36.5	-0.1
W35A	Tecumseh	18.88	5 P	P	14 05 36.3	-0.3
W34A	Bridge Creek,	18.90	3 P	P	14 05 36.7	-0.2
W34A	Bridge Creek,	18.90	3 eP	P	14 05 36.0	-0.9
W36A	Wetumka	18.93	6 P	P	14 05 37.1	-0.1
W37A	Quinton	19.02	8 P	P	14 05 37.9	-0.3
W38A	Poteau	19.10	11 P	P	14 05 38.5	-0.6
BNM	Barren Site	19.15 340	eP	Pn	14 05 41.4	+0.7
LPM	Los Pinos Moun	19.30 340	eP	Pn	14 05 42.6	+0.1
UALR	University of	19.31 16	eP	P	14 05 40.8	-0.6
UALR	Tucson	19.33 328	e	Pn	14 05 48.1	
TUC	Tucson	19.33 328	eP	Pn	14 05 43.0	+0.3
TUC	Tucson	19.33 328	eP	Pn	14 05 43.0	+0.3
V32A	Arapaho	19.37 359	P	P	14 05 41.8	-0.2
V31A	Spring Creek L	19.44 357	P	P	14 05 42.4	-0.6
V33A	Lossen Ranch,	19.47	1 P	P	14 05 43.3	+0.1
V30A	Spur Ranch, Mi	19.48 355	P	P	14 05 43.6	+0.2
V35A	Meyer Ranch, C	19.49	5 P	P	14 05 43.3	0.0
V34A	Guthrie	19.51	3 P	P	14 05 43.5	-0.1
V34A	Guthrie	19.51	3 eP	P	14 05 42.1	-1.5
LAZ	Ladron	19.55 339	eP	P	14 05 44.1	-0.2
V36A	Jenks	19.60	7 P	P	14 05 44.3	-0.2
TUL1	Tulsa	19.74	7 P	P	14 05 46.0	0.0
TUL1	Tulsa	19.74	7 P	P	14 05 43.2	-2.8
V37A	Hulbert	19.80	9 P	P	14 05 46.0	-0.7
LRAL	Lakeview Retre	19.80	30 eP	P	14 05 46.2	-0.5
ANMO	Albuquerque	19.83 341	P	Pn	14 05 48.5	-0.2
ANMO	Albuquerque	19.83 341	P	Lg	14 11 52.0	
ANMO	Albuquerque	19.83 341	eP	Pn	14 05 48.4	-0.4
ANMO	Albuquerque	19.83 341	eP	Pn	14 05 47.3	0.0
ANMO	Albuquerque	19.83 341	eP	Pn	14 05 47.3	0.0
V38A	Canehill	19.89	10 P	P	14 05 47.3	-0.5
OXF	Oxford	20.02 23	eP	P	14 05 48.2	-0.9
OXF	Oxford	20.02 23	eP	P	14 05 48.2	-0.9
OXF	Oxford	20.02 23	eP	P	14 05 48.2	-0.9
U32A	Winter Ranch,	20.02 359	P	P	14 05 49.2	0.0
U31A	Nine Bar Ranch	20.04 357	P	P	14 05 49.5	+0.1
U33A	Lingo Farm, Me	20.09	2 P	P	14 05 49.9	0.0
U35A	Pawnee	20.10	5 P	P	14 05 49.7	-0.3
U34A	Anderson Ranch	20.11	3 P	P	14 05 49.9	-0.3
U34A	Anderson Ranch	20.11	3 eP	P	14 05 49.0	-1.1
214A	Organ Pipe Nat	20.16 323	P	P	14 05 51.1	+0.4
214A	Organ Pipe Nat	20.16 323	eP	P	14 05 51.6	+0.9
U36A	Oologah	20.22	7 P	P	14 05 50.9	-0.4
U30A	WK&E Inc. Balk	20.24 356	P	P	14 05 51.3	-0.4
U37A	Salina	20.31	9 P	P	14 05 51.6	-0.7
U38A	Gravette	20.46	10 P	P	14 05 53.2	-0.8
T35A	Sooner	20.66	5 P	P	14 05 55.7	-0.4
T34A	McClaskey Farm	20.71	4 P	P	14 05 56.4	-0.3
T33A	Patterson Ranch	20.73	1 P	P	14 05 57.1	+0.2
T30A	Plains	20.75 356	P	P	14 05 57.3	+0.1
T31A	Randall Ranch,	20.76 358	P	P	14 05 57.3	+0.1
T32A	Huddler Ranch,	20.82 360	P	P	14 05 57.9	0.0
T36A	Boogs Farm, Ca	20.86	7 P	P	14 05 58.1	-0.2
T29A	Hugoton	20.92 354	P	P	14 05 58.8	-0.2
T37A	Cheneyville 18	21.05	9 P	P	14 05 59.6	-0.7
W18A	Petrified Fore	21.17 334	P	P	14 06 02.2	+0.3
W18A	Petrified Fore	21.17 334	eP	P	14 06 02.0	+0.2
S33A	Kaszaul Farm,	21.25	2 P	P	14 06 02.5	+0.1
S31A	Mullinville	21.27 358	P	P	14 06 02.8	0.0
S30A	Montezuma	21.34 356	P	P	14 06 03.6	+0.1
S32A	Newby Ranch, P	21.34 360	P	P	14 06 03.3	-0.3
T29A	Ulysses	21.36 355	P	P	14 06 03.8	+0.1
S25A	Trinidad	21.37 348	P	P	14 06 03.8	-0.3
T25A	Trinidad	21.37 348	eP	P	14 06 04.7	+0.7
S34A	Willow Spring	21.39	4 P	P	14 06 03.7	-0.3
S28A	Manter	21.41 353	P	P	14 06 04.5	+0.2
S35A	Otter Creek Ra	21.43	5 P	P	14 06 03.8	-0.7
S36A	Lake Cedric, C	21.55	7 P	P	14 06 05.3	-0.4
GLAT	Glass	21.63 21	eP	P	14 06 07.8	+1.2
S37A	Fort Scott	21.68	8 P	P	14 06 06.8	-0.3
PBMO	Poplar Bluff	21.73 18	eP	P	14 06 09.7	+2.2
PARMO	Parma	21.83 20	eP	P	14 06 07.9	-0.8
UTMT	University of	21.85 22	eP	P	14 06 09.0	+0.1
R31A	Burdett	21.94 358	P	P	14 06 09.8	-0.1

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GOGA	Godfrey	21.96 36	eP	P	14 06 06.9	-3.2
GOGA	Godfrey	21.96 36	eP	P	14 06 06.9	-3.2
R33A	Olander Ranch,	21.97	2 P	P	14 06 09.8	-0.3
R30A	Dighton	21.97 357	P	P	14 06 10.2	0.0
R34A	Hill	21.98	3 P	P	14 06 10.1	-0.3
WVT	Waverly	22.05 24	eP	P	14 06 09.2	-1.9
WVT	Waverly	22.05 24	eP	P	14 06 09.2	-1.9
WVT	Waverly	22.05 24	eP	P	14 06 09.2	-1.9
R32A	Long Quarter,	22.06	0 P	P	14 06 11.5	+0.2
R35A	Emporia Munci	22.08	5 P	P	14 06 11.3	-0.1
R35A	Sewanee	22.09 29	eP	P	14 06 10.4	-1.2
GLA	Glamis	22.12 322	eP	P	14 06 12.7	+0.7
GLA	Glamis	22.12 322	eP	P	14 06 12.5	+0.5
GLA	Glamis	22.12 322	eP	P	14 06 12.7	+0.7
R28A	Tribune	22.14 354	P	P	14 06 12.0	-0.2
R36A	Gordon, Harris	22.15	7 P	P	14 06 11.4	-0.7
R29A	Marienthal	22.16 355	P	P	14 06 12.3	-0.1
SDCO	Great Sand Dun	22.20 346	P	P	14 06 13.3	+0.3
SDCO	Great Sand Dun	22.20 346	eP	P	14 06 13.3	+0.3
SDCO	Great Sand Dun	22.20 346	eP	P	14 06 13.3	+0.3
WUAZ	Wupatki	22.22 332	eP	P	14 06 14.4	+1.3
WUAZ	Wupatki	22.22 332	eP	P	14 06 13.6	+0.5
WUAZ	Wupatki	22.22 332	eP	P	14 06 13.6	+0.5
R37A	Teagarden Farm	22.23	8 P	P	14 06 12.6	-0.4
Y12C	Glythe	22.45 324	P	P	14 06 16.4	+0.9
CBKS	Cedar Bluff	22.47 358	eP	P	14 06 12.6	-3.0
CBKS	Cedar Bluff	22.47 358	eP	P	14 06 16.5	+0.8
CBKS	Cedar Bluff	22.47 358	eP	P	14 06 12.6	-3.0
S22A	4UR Ranch, Cre	22.54 343	P	P	14 06 17.5	+0.9
S22A	4UR Ranch, Cre	22.54 343	eP	P	14 06 17.8	+1.1
Q29A	Oakley	22.61 356	P	P	14 06 16.9	-0.2
Q34A	Chapman	22.62	4 P	P	14 06 17.5	+0.4
Q35A	Mercer Eighty,	22.63	6 P	P	14 06 17.0	-0.2
Q32A	Meitler Ranch,	22.63	0 P	P	14 06 17.2	-0.1
SWSC	Sam W. Stewart	22.63 320	P	P	14 06 18.5	+1.2
Q31A	Ellis	22.65 359	P	P	14 06 17.8	+0.3
Q30A	Quinter	22.65 357	P	P	14 06 18.2	+0.6
Q33A	Coately Farm,	22.65	2 P	P	14 06 17.5	-0.1
CCM	Cathedral Cave	22.69 16	eP	P	14 06 15.8	-2.1
CCM	Cathedral Cave	22.69 16	eP	P	14 06 15.8	-2.1
GTBY	Guantanamo Bay	22.78 77	eP	P	14 06 17.7	-1.4
Q36A	Arnold C. Orve	22.79	7 P	P	14 06 19.7	+0.7
KSU1	Kansas State U	22.82	4 P	P	14 06 19.5	+0.2
KSU1	Kansas State U	22.82	4 eP	P	14 06 18.4	-0.9
Q37A	Longview Farm,	22.83	9 P	P	14 06 19.6	+0.2
Q28A	Sharon Springs	22.86 354	P	P	14 06 20.1	+0.3
KSCO	Kaye Shedlock'	22.90 352	P	P	14 06 21.2	+1.0
KSCO	Kaye Shedlock'	22.90 352	eP	P	14 06 20.6	+0.4
BC3	Big Truckwall	22.92 322	P	P	14 06 21.5	+0.9
CPCT	Cooper Cave	22.95 31	eP	P	14 06 20.6	-0.2
SIUC	Southern Illin	22.96 20	eP	P	14 06 20.7	-0.1
MONP	Monument Peak	22.98 319	P	P	14 06 21.5	+0.2
IRM	Iron Mountain	23.11 323	P	P	14 06 22.9	+0.6
P31A	Stonewall	23.17 359	P	P	14 06 22.7	-0.3
P30A	Selden	23.22 357	P	P	14 06 23.3	-0.2
P34A	Walnut Farm, R	23.25	4 P	P	14 06 23.6	-0.2
P32A	Huiting Farm,	23.26	0 P	P	14 06 23.7	-0.1
Q24A	Divide	23.28 347	P	P	14 06 24.9	+0.5
Q24A	Divide	23.28 347	eP	P	14 06 25.6	+1.2
P35A	Duane Minner,	23.29	5 P	P	14 06 24.3	+0.1
P29A	Atwood	23.32 356	P	P	14 06 25.4	+0.9
P28A	Saint Francis	23.36 354	P	P	14 06 25.0	+0.1
109C	Carroll, Elliot, M	23.42 318	P	P	14 06 25.8	+0.3
P36A	Good Intent, A	23.47	7 P	P	14 06 25.7	-0.2
BELC	Belle Meun, Jos	23.49 322	P	P	14 06 26.8	+0.4
PFO	Pinyon Flat Ob	23.49 321	P	P	14 06 25.8	-0.6
PFO	Pinyon Flat Ob	23.49 321	P	P	14 06 26.9	+0.5
TKL	Tuckaleechee C	23.49 32	eP	P	14 06 25.9	-0.4
TKL	Tuckaleechee C	23.49 32	eP	P	14 06 25.9	-0.4
SLM	Saint Louis	23.51 17	eP	P	14 06 26.0	-0.3
SLM	Saint Louis	23.51 17	eP	P	14 06 32.4	
SLM	Saint Louis	23.51 17	eP	P	14 06 26.0	-0.3
SLM	Saint Louis	23.51 17	eP	P	14 06 32.4	
USIN	University of	23.72 22	eP	P	14 06 28.1	-0.4
O33A	Helroy	23.74	2 P			

24d 14h

K30A	Basset	26.32 359	P	P	14 06 51.8 -0.5
K29A	Lazy Trails An	26.43 357	P	P	14 06 53.0 -0.2
BLA	Blacksburg	26.43 34	eP	P	14 06 52.7 -0.6
BLA	Blacksburg	26.43 34	eP	P	14 06 52.7 -0.6
BLA	Blacksburg	26.43 34	eP	P	14 06 52.7 -0.6
K28A	Ten Mile Ranch	26.44 356	P	P	14 06 53.3 -0.1
R11A	Troy Canyon, C	26.49 329	P	P	14 06 54.0 0.0
R11A	Troy Canyon, C	26.49 329	eP	P	14 06 54.4 +0.4
K36A	Gilmore City	26.54 7	P	P	14 06 53.6 -0.5
VES	Vestal, Richgr	26.59 321	P	P	14 06 54.8 +0.1
K37A	Belmond	26.77 8	P	P	14 06 55.3 -1.0
DUG	Dugway	26.78 336	eP	P	14 06 55.9 -0.6
DUG	Dugway	26.78 336	P	P	14 06 57.0 +0.4
DUG	Dugway	26.78 336	eP	P	14 06 55.9 -0.6
K38A	Parkersburg	26.78 10	P	P	14 06 55.7 -0.6
CTU	Camp Tracy	26.80 338	eP	P	14 06 57.5 +0.7
SMMC	Simmler	26.81 319	P	P	14 06 56.8 0.0
J31A	Geddes	26.93 0	P	P	14 06 57.0 -0.6
J30A	Dallas	26.97 359	P	P	14 06 57.7 -0.4
J33A	Davis	27.00 3	P	P	14 06 58.0 -0.3
RCTC	Rector, Farmer	27.00 322	P	P	14 06 58.3 -0.1
J32A	Parkston	27.02 1	P	P	14 06 57.9 -0.5
J29A	Okreek	27.07 358	P	P	14 06 58.7 -0.3
K22A	Casper	27.11 347	P	P	14 07 00.3 +0.8
K22A	Casper	27.11 347	eP	P	14 07 00.0 +0.6
J28A	Allard Ranch,	27.14 356	P	P	14 07 00.0 +0.4
J26A	Sides Ranch, S	27.20 353	P	P	14 07 01.3 +1.1
J36A	Seneca 1, Swea	27.23 7	P	P	14 06 59.7 -0.6
J25A	Sunshine Ranch	27.36 352	P	P	14 07 02.3 +0.6
ECSD	EROS Data Cent	27.43 3	P	P	14 07 01.7 -0.5
ECSD	EROS Data Cent	27.43 3	eP	P	14 07 01.2 -0.9
J38A	Wedel Fairy, R	27.49 10	P	P	14 07 02.0 -0.7
BGU	Big Grassy Mou	27.49 336	eP	P	14 07 02.4 -0.5
BGU	Big Grassy Mou	27.49 336	eP	P	14 07 02.9 -0.2
JFWS	Jewell Farm	27.54 14	P	P	14 07 02.9 -0.2
JFWS	Jewell Farm	27.54 14	P	P	14 07 02.9 -0.2
JFWS	Jewell Farm	27.54 14	P	P	14 07 02.9 -0.2
ACSO	Alum Creek Sta	27.57 27	eP	P	14 07 02.6 -0.5
MLAC	Mammoth Lakes	27.67 324	P	P	14 07 04.6 -0.1
I29A	Vivian Onida	27.69 358	P	P	14 07 04.6 +0.1
I28A	Midland	27.71 356	P	P	14 07 04.8 +0.1
I27A	Quinn	27.84 355	P	P	14 07 05.9 -0.1
NV01	Mina Array Sit	27.95 326	eP	P	14 07 07.8 +0.6
NVAR	Mina Array Bea	27.95 326	P	P	14 07 08.2 +1.1
NVAR	Mina Array Bea	27.95 326	P	P	14 07 08.2 +1.1
NVAR	Mina Array Bea	27.95 326	P	P	14 07 08.2 +1.1
PDAR	Pinedale Array	27.97 343	P	P	14 07 07.3 +0.1
PDAR	Pinedale Array	27.97 343	P	P	14 07 07.3 +0.1
PDAR	Pinedale Array	27.97 343	P	P	14 07 07.3 +0.1
BW06	Boulder Array	27.97 343	eP	P	14 07 07.2 0.0
I25A	Rocheford	27.97 352	P	P	14 07 07.1 -0.2
SUSD	South Dakota S	28.08 360	P	P	14 07 08.0 0.0
RSSD	Black Hills	28.11 352	eP	P	14 07 08.9 +0.4
RSSD	Black Hills	28.11 352	eP	P	14 07 08.9 +0.4
RSSD	Black Hills	28.11 352	eP	P	14 07 08.9 +0.4
HVU	Hansel Valley	28.13 337	eP	P	14 07 08.8 +0.1
HVU	Hansel Valley	28.13 337	eP	P	14 07 08.8 +0.1
HVU	Hansel Valley	28.13 337	eP	P	14 07 08.8 +0.1
H32A	Carlson Farm,	28.16 2	P	P	14 07 08.2 -0.5
I38A	Scanlan Farm,	28.21 10	P	P	14 07 08.6 -0.6
ELK	Elko	28.25 333	P	P	14 07 09.8 -0.1
ELK	Elko	28.25 333	P	P	14 07 09.8 -0.1
ELK	Elko	28.25 333	P	P	14 07 09.8 -0.1
ELK	Elko	28.25 333	eP	P	14 07 09.7 -0.1
H33A	Prehn Over Nor	28.37 3	P	P	14 07 09.8 -0.8
H28A	Mission Ridge	28.38 357	P	P	14 07 10.4 -0.2
SDV	Santo Domingo	28.41 102	P	P	14 07 10.0 -1.5
SDV	Santo Domingo	28.41 102	P	P	14 07 10.7 -0.7
SDV	Santo Domingo	28.41 102	P	P	14 07 10.7 -0.7
H36A	Jessenland, He	28.51 7	P	P	14 07 11.2 -0.6
H35A	Sunnyside Ranc	28.53 6	P	P	14 07 11.3 -0.7
H25A	Fruitdale	28.55 353	P	P	14 07 11.7 -0.5
H37A	Dierke Farm, C	28.65 9	P	P	14 07 12.3 -0.8
G28A	Parade	28.77 357	P	P	14 07 13.7 -0.4
G30A	Faulkon	28.77 359	P	P	14 07 13.9 -0.2
CMB	Columbia Colle	28.84 323	eP	P	14 07 13.7 -1.1
CMB	Columbia Colle	28.84 323	eP	P	14 07 13.7 -1.1
CMB	Columbia Colle	28.84 323	eP	P	14 07 13.7 -1.1
G29A	Hoven	28.84 358	P	P	14 07 14.6 -0.2
REDW	Red Top Meadow	28.89 342	eP	P	14 07 15.6 +0.1
G33A	Ortonville	28.90 3	P	P	14 07 14.6 -0.7
BMD	Battle Mountai	28.91 330	eP	P	14 07 16.3 +0.7
BMN	Battle Mountai	28.91 330	eP	P	14 07 16.3 +0.7
BMN	Battle Mountai	28.91 330	eP	P	14 07 16.3 +0.7
G32A	Webster	28.91 2	P	P	14 07 15.0 -0.4
SNOW	Snow King Moun	28.95 342	eP	P	14 07 16.2 +0.1
SNOW	Snow King Moun	28.95 342	eP	P	14 07 16.2 +0.1
LOHW	Long Hollow	29.05 342	P	P	14 07 17.1 -0.1
G26A	Maurine	29.11 354	P	P	14 07 17.1 -0.1
MOOW	Moose Ponds	29.21 342	eP	P	14 07 18.3 -0.1

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SPMN	St. Paul	29.30 9	P	P	14 07 18.2 -0.5
SPMN	St. Paul	29.30 9	eP	P	14 07 17.5 -1.3
FLWY	Flag Ranch	29.50 342	eP	P	14 07 20.4 -0.5
F33A	5 Mile Ranch,	29.55 4	P	P	14 07 20.7 -0.3
F27A	Lemmon	29.63 355	P	P	14 07 22.3 +0.5
F26A	Lodgepole	29.67 355	P	P	14 07 22.0 -0.1
F25A	Bowman	29.82 353	P	P	14 07 23.7 +0.2
F36A	Milaca	29.82 7	P	P	14 07 22.9 -0.5
RLMT	Red Lodge	30.08 345	P	P	14 07 26.3 +0.3
RLMT	Red Lodge	30.08 345	eP	P	14 07 26.8 -1.2
YMR	Madison River	30.12 343	eP	P	14 07 26.4 +0.1
E30A	Jud	30.14 360	P	P	14 07 26.4 +0.1
E31A	Nome	30.20 1	P	P	14 07 26.6 -0.2
E29A	Napoleon	30.21 359	P	P	14 07 26.7 -0.2
E26A	Carlson Angus	30.26 355	P	P	14 07 28.1 +0.7
HLID	Hailey	30.28 337	P	P	14 07 27.5 -0.2
HLID	Hailey	30.28 337	eP	P	14 07 27.8 0.0
E34A	Wadena	30.30 5	P	P	14 07 27.0 -0.6
MFID	Camas Ranch	30.70 335	eP	P	14 07 31.7 +0.3
D30A	Buchanan	30.75 0	P	P	14 07 31.7 +0.1
D26A	Manning	30.82 355	P	P	14 07 32.3 0.0
D27A	Center	30.83 356	P	P	14 07 32.2 -0.1
D28A	Regan	30.86 358	P	P	14 07 33.0 +0.3
D33A	AnnSam, Waubun	30.87 4	P	P	14 07 32.4 -0.3
LAO	LASA Array	30.95 350	P	P	14 07 33.2 -0.3
D35A	Remer	30.97 6	P	P	14 07 33.3 -0.2
D25A	Fairfield	31.02 354	P	P	14 07 34.1 0.0
WVOR	Wild Horse Val	31.13 331	eP	P	14 07 34.6 -0.6
WVOR	Wild Horse Val	31.13 331	eP	P	14 07 34.6 -0.6
D36A	Goodland	31.16 7	P	P	14 07 34.8 -0.5
O03D	Paynes Creek	31.18 325	P	P	14 07 35.4 -0.2
BOZ	Bozeman (W)	31.20 342	P	P	14 07 35.5 -0.3
SJG	San Juan	31.20 82	P	P	14 07 36.3 +0.4
DLMT	Wilson	31.24 84	eP	P	14 07 35.7 -0.4
D37A	Cotton	31.24 84	eP	P	14 07 35.6 -0.4
C30A	Mose, Pekin	31.34 0	P	P	14 07 36.8 -0.1
C28A	Hausauer Farms	31.38 358	P	P	14 07 37.6 +0.4
C27A	Say R Ranch,	31.43 356	P	P	14 07 37.2 -0.4
C31A	Landman Farms,	31.44 1	P	P	14 07 37.5 -0.2
MDND	Maddock	31.49 359	P	P	14 07 38.1 -0.1
MDND	Maddock	31.49 359	eP	P	14 07 38.0 -0.2
MOD	Modoc	31.54 328	eP	P	14 07 39.0 +0.1
MOD	Modoc	31.54 328	eP	P	14 07 39.2 0.0
C35A	Jirik Farms, M	31.59 6	P	P	14 07 38.6 -0.4
LRM	Limekiln Ridge	31.61 342	eP	P	14 07 40.0 +0.6
C36A	Pine Crest Far	31.78 8	P	P	14 07 40.2 -0.5
J08A	Circle Bar Ran	31.78 332	eP	P	14 07 41.7 +0.8
B33A	Robert and Kas	32.02 4	P	P	14 07 42.5 -0.2
AGMN	Agassiz Nation	32.02 4	P	P	14 07 42.6 -0.2
AGMN	Agassiz Nation	32.02 4	eP	P	14 07 42.1 -0.8
AGMN	Agassiz Nation	32.02 4	eP	P	14 07 42.1 -0.8
B32A	Ashes, Strandq	32.09 3	P	P	14 07 43.2 -0.2
B30A	Myrvik Farm, E	32.09 1	P	P	14 07 43.6 +0.1
B29A	Wagenman Farm,	32.11 359	P	P	14 07 44.1 +0.5
B25A	Knox Farm, Ray	32.11 354	P	P	14 07 44.3 +0.6
B28A	Dugan Ranch, T	32.11 358	P	P	14 07 43.9 +0.3
B26A	Jensen Ranch,	32.14 356	P	P	14 07 43.8 -0.1
N02D	Trinity Center	32.15 325	P	P	14 07 44.2 0.0
HRY	Holter Researc	32.23 343	eP	P	14 07 44.6 -0.3
M04C	Maapel	32.24 327	P	P	14 07 45.3 +0.3
B34A	Aery, Baudette	32.30 5	P	P	14 07 45.1 -0.2
DGMT	Dagmar	32.41 353	P	P	14 07 46.6 +0.2
DGMT	Dagmar	32.41 353	eP	P	14 07 46.5 +0.2
DGMT	Dagmar	32.41 353	eP	P	14 07 46.5 +0.2
K05A	Summer Lake	32.44 329	eP	P	14 07 52.9
BMO	Blue Mountains	32.49 335	eP	P	14 07 48.0 +1.1
A29A	Manning Farm,	32.56 359	P	P	14 07 47.3 -0.3
A28A	Rue Farm, Bot	32.57 358	P	P	14 07 47.4 -0.2
A30A	Hoffart Farm,	32.58 1	P	P	14 07 47.7 0.0
A32A	Rocking H Ranc	32.61 3	P	P	14 07 47.8 -0.1
A26A	Wade Farm, Ken	32.64 356	P	P	14 07 48.2 -0.1
A27A	Ledoux Ranch,	32.65 357	P	P	14 07 48.6 +0.2
A25A	Svangstu Ranch	32.77 355	P	P	14 07 49.7 +0.3
I07A	Ize	32.81 332	eP	P	14 07 50.0 +0.1
CHMT	Chamberlain Mo	32.83 342	eP	P	14 07 50.0 -0.1
EGMT	Eagleton	32.93 346	eP	P	14 07 52.4 +1.6
MSO	Missoula	32.97 341	P	P	14 07 51.1 -0.1
MSO	Missoula	32.97 341	eP	P	14 07 51.8 -0.3
SLMT	Seeley Lake	33.20 342	eP	P	14 07 52.3 -1.0
F10A	Rue Farm, Bot	33.38 336	eP	P	14 07 55.3 +0.4
F10A	Umpqua Nationa	33.43 328	eP	P	14 09 07.8 +2.4
G08A	Pilot Rock	33.53 334	eP	P	14 07 55.8 +0.4
SWMT					

Table with columns: GYA, PP, PP, 14 22 45.6 +2.1, KMI, CMAR, HYB, ABPO, ABPO, JMA 24 14:10:25.5, 33.81N, 135.44E, h43km, 1km, M0.2, Near south coast of Western Honshu

ISC/JB 24 14:10:58.5, 0.27, 76N, 0.05, 139.21E, 0.09, h507km, mb3.4/10, Error ellipse: s-maj=10.3km s-min=6.6km az=16.8

JMA 24 14:10:59.3, 0.27, 90N, 139.67E, h549km, M4.1, IDC 24 14:11:00.9, 1.9, 27.83N, 139.33E, h535km, 24km, mb3.0/10, mb1.3/14, mb1mx3.1/40, mbtmp4.0/14, Error ellipse: s-maj=19.6km s-min=11.5km az=105.0

ISC 24 14:10:59.5, 0.7, 27.86N, 0.08, 139.31E, 0.10, h507km, n31, r135/34, mb3.5/10, BONIN Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, CBU, Chichi jima, CBU, Chichi jima, JWZ, Kozaga, JIE, Ise, BSO1, Boso 1, BSO1, Odawara 2, JOD2, Odawara 2, JOD2, Ryogami san, JRJ, Ryogami san, JRJ, Matushiro Arr, Matushiro, MAT, Matushiro, JHS, Saijyo, JNU, Naksutse, ASAJ, Asahikawa, USRK, Ussuriysk Arr, PETK, Petropavlovsk, CMAR, Chiang Mai Arr, TAPN, Tappejung, ODAN, Odare, RAMN, Ramite, GUN, Gumba, PKIN, Pulchoki, KKN, Kakani, DMN, Daman, WRA, Warramunga Arr, GKN, Gorkha, MKAR, Makanchi Array, KOLN, Koldanda, ASAR, Alice Springs, ILAR, Eielson Array B, ARCES, ARCES Array B, YKA, Yellowknife Ar, FINES, FINES Array B, NVAR, Niina Array Bea

NIED 24 14:15:00.24, 0.00N, 121.70E, h35km, Mw3.9 Best double couple: M0.6, 72000x1014, NP1.0, 60.0000, 851.00000, 1.129.00000, NP2.0, 187.0000, 853.00000, 1.52.00000, IDC 24 14:15:26.9, 0.9, 24.12N, 121.95E, h0km, mb3.7/11, mb1.3/9/11, mb1mx3.7/45, mbtmp3.7/11, MS3.0/3, Ms1.3/0.3, ms1mx2.6/32, Error ellipse: s-maj=24.5km s-min=20.4km az=80.0

JMA 24 14:15:31.3, 0.1, 23.97N, 121.73E, h31km, 2km, M3.7, ISC/JB 24 14:15:32.1, 0.3, 23.98N, 0.02, 121.79E, 0.02, h27km, 2km, mb3.6/11, MS2.9/3, Error ellipse: s-maj=3.1km s-min=1.7km az=142.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, HWA, Hwalien, TWD, Chiawan, ESF, Shouting Towns, TEGC, Jichi Village, ESL, Shilin, EHP, Heping Village, EHP, Hehuan Shan, WHF, Hehuan Shan, NNS, Nan Shan, TWT, Tachien, TWT, Hungye, EHY, Danda, WDT, Danda, WDT, Suao, TWC, Suao, TWC, ENT, Nioudou, ENT, Yuli, TWF1, Yuli

Table with columns: TWE, Neicheng, SMLT, Sun Moon Lake, SMLT, Sun Moon Lake, ILA, ilan, NSK, Sanguang, TYC, Yuch, TYC, Yuch, YUS, Yu-Shan, YUS, Yu-Shan, EGS, Santiao, EGS, Santiao, CHKT, Chengkung, TWT, Nanjuang, TWT, Liyuan, TWT, Liyuan, ALS, Alishan, ALS, Alishan, WNT, Mingjian, WNT, Mingjian, TCU, Taichung, TCU, Taichung, TCU, Santiao, TCU, Santiao, NSY, Sanyi, NSY, Sanyi, TWA, Mucha, TWA, Mucha, ELDT, Lidau, CHNS, Tsauling, CHNS, Tsauling, TWS1, Chiao, TWS1, Chiao, TAP1, Taipei, TAP1, Taipei, TAP2, Taipei, TAP2, Taipei, TAP, Taipei, TAP, Taipei, NWF, Wu-fen Shan, NWF, Wu-fen Shan, NCU, National Centre, NCU, National Centre, NCU, National Centre, WKG, Gukung, WGS1, Kuangyinsan, TWS1, Kuangyinsan, JYNG, Yonangijimaku, JYNG, Yonangijimaku, STYT, Tauyuan, STYT, Tauyuan, CHN4, Tashan, CHN4, Tashan, CHN4, Tashan, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, CHN2, Minshung, CHN2, Minshung, WTP, Tapu, WTP, Tapu, WTP, Pinang, WTP, Pinang, CHY, Chiayi, CHY, Chiayi, TTN, Taitung, WTC1, Ta-cheng, WTC1, Ta-cheng, TWK, Hsinying, TWK, Hsinying, TWK, Hsinying, CHN1, Nanshi, CHN1, Nanshi, SGST, Jiashan, SGST, Jiashan, SGST, Jiashan, WSF, Szu, WSF, Szu, WSF, Szu, CHN8, Yiju, CHN8, Yiju, CHN8, Yiju, ECL, Taimali, ECL, Taimali, CHN3, Shinhua, CHN3, Shinhua, CHN3, Shinhua, SSD, Sandimen, SSD, Sandimen, SSD, Sandimen, SCLT, Jiali, SCLT, Jiali, SCLT, Jiali, TWM1, Shoushan, SCLT, Jiali, TWM1, Shoushan, PCYT, Pengchayiu, PCYT, Pengchayiu, PCYT, Pengchayiu, TAI1, Yung-k'ang, TAI1, Yung-k'ang, SGLT, Anshuo, SGLT, Anshuo, IRIF, Iriomote-Funau, IRIF, Iriomote-Funau

Table with columns: HATJ, Materuma jima, HATJ, Materuma jima, SCZT, Fangliu, SCZT, Fangliu, LAY, Lan-yu, LAY, Lan-yu, WDGJ, Dungi, WDGJ, Dungi, PNG, Penghu, PNG, Penghu, JKRS, Kuro-shima, JKRS, Kuro-shima, TWK1, Hengchun, TWK1, Hengchun, TSEB, Hengchuen, Pin, TSEB, Hengchuen, Pin, JIJ, Ishigaki jima, JIJ, Ishigaki jima, JIJ, Ishigaki jima, JISG, Ishigakijimahi, JISG, Ishigakijimahi, JKE, Tarama, JKE, Tarama, JTK, Kinmen, JTK, Kinmen, JIRB, irabujima, JIRB, irabujima, JIKM, Ikemajima, JIKM, Ikemajima, JIKM, Miyako jima 2, JIKM, Miyako jima 2, JOGS, Gusuiku, JOGS, Gusuiku, JKE, Alice Springs 2, JKE, Alice Springs 2, USRK, Ussuriysk Arr, USRK, Ussuriysk Arr, CMAR, Chiang Mai Arr, CMAR, Chiang Mai Arr, CMAR, Chiang Mai Arr, ASAJ, Asahikawa, ASAJ, Asahikawa, SONM, Songo Array, SONM, Songo Array, MKAR, Makanchi Array, MKAR, Makanchi Array, ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, H11S3, WAKE ISLAND Hy 42.10, H11S3, WAKE ISLAND Hy 42.10, H11S1, WAKE ISLAND Hy 42.11, H11S1, WAKE ISLAND Hy 42.11, H11S2, WAKE ISLAND Hy 42.12, H11S2, WAKE ISLAND Hy 42.12, WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR, Alice Springs, ILAR, Eielson Array, ILAR, Eielson Array, INK, Inuvik, INK, Inuvik, BRTR, Brattberg, BRTR, Brattberg, YKA, Yellowknife Ar, YKA, Yellowknife Ar

WEL 24 14:21:18.2, 0.3, 38.45S, 175.80E, h142km, 3km, ML3.7/18, 13C-7D, Error ellipse: s-maj=2.0km s-min=1.6km az=0.0,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, MRHZ, Matea Rd, MRHZ, Matea Rd, KRZV, Karewarewa, KRZV, Karewarewa, WTVZ, West Tongariro, WTVZ, West Tongariro, NGZ, Ngauruhoe, NGZ, Ngauruhoe, HIZ, Hauri, HIZ, Hauri, COVZ, Chateau Observ, COVZ, Chateau Observ, WPHZ, Whakapapa, WPHZ, Whakapapa, WPHZ, Whakapapa, FWVZ, Far West T-bar, FWVZ, Far West T-bar, WNVZ, Waihanoa, WNVZ, Waihanoa, BKZ, Black Stump Fm, BKZ, Black Stump Fm, BKZ, Black Stump Fm, PKVZ, Pokaka, PKVZ, Pokaka, MOVZ, Moawhango, MOVZ, Moawhango, MTVZ, Mangateitei, MTVZ, Mangateitei, NMHZ, Naumai, NMHZ, Naumai, URZ, Urewera, URZ, Urewera, GHZ, Hill Sta, GHZ, Hill Sta, VRZ, Vera Road, VRZ, Vera Road, KWHZ, Kaweka Forest, KWHZ, Kaweka Forest, RAHZ, Aarahi, RAHZ, Aarahi, MCHZ, McNeill Hill, MCHZ, McNeill Hill, ARHZ, Arapaho, ARHZ, Arapaho, SMZ, Snares Statio, SMZ, Snares Statio, KRHZ, Kereru, KRHZ, Kereru, WHHZ, Waihua, WHHZ, Waihua, WAZ, Matawai, WAZ, Matawai, MWZ, Wanganui, MWZ, Wanganui, WAZ, Wanganui, RIGZ, Rimuhau, RIGZ, Rimuhau, NEZ, North Egmont, NEZ, North Egmont, CKHZ, Cape Kidnapper, CKHZ, Cape Kidnapper, CKHZ, Cape Kidnapper, KNZ, Kokohu, KNZ, Kokohu, KAHZ, Kahurangi, KAHZ, Kahurangi, TKGZ, Te Karaka, TKGZ, Te Karaka, TSZ, Takapari Road, TSZ, Takapari Road, WPHZ, Waipukurua, WPHZ, Waipukurua, PRGZ, Paruru Road, PRGZ, Paruru Road, TWZ, Te Kaha, TWZ, Te Kaha, PZ, Pawanui, PZ, Pawanui, MHGZ, Mania Peninsula, MHGZ, Mania Peninsula, DVHZ, Dannevirke, DVHZ, Dannevirke, PKGZ, Pakihoro, PKGZ, Pakihoro, CNKZ, Carnagh Statio, CNKZ, Carnagh Statio, PRHZ, Porangahau, PRHZ, Porangahau, POWZ, Post Office Ro, POWZ, Post Office Ro, PUZ, Puketiti, PUZ, Puketiti, ANWZ, Angora Road, ANWZ, Angora Road, PRWZ, Poru Road, PRWZ, Poru Road, WNGZ, Waioamatini S, WNGZ, Waioamatini S, MZX, Matarua Point, MZX, Matarua Point, MZX, Matarua Point, BFZ, Birch Farm, BFZ, Birch Farm, TIWZ, Tintock, TIWZ, Tintock, OGWZ, Otaki Gorge, OGWZ, Otaki Gorge, HGWZ, Holdsworth Sta, HGWZ, Holdsworth Sta, CPWZ, Carterpoint, CPWZ, Carterpoint, KIW, Kapiti Island, KIW, Kapiti Island, TMWZ, Te Maipa, TMWZ, Te Maipa, CAW, Cannon Point, CAW, Cannon Point, MTW, Mount Morrison, MTW, Mount Morrison, WEL, Wellington, WEL, Wellington, PAWZ, Parawai Farm, PAWZ, Parawai Farm, TRWZ, Traveller, TRWZ, Traveller, MSWZ, Moikau Station, MSWZ, Moikau Station, TCW, Tory Channel, TCW, Tory Channel, BHW, Baitoa Head, BHW, Baitoa Head, PLWZ, Pailiser, PLWZ, Pailiser, NNZ, Nelson, NNZ, Nelson, QRZ, Quartz Range, QRZ, Quartz Range, THZ, Tophouse, THZ, Tophouse, KHZ, Kahurangi, KHZ, Kahurangi, DSZ, Denniston Nort, DSZ, Denniston Nort, OXZ, Oxford, OXZ, Oxford, MQZ, McQueen's Vall, MQZ, McQueen's Vall, MQZ, McQueen's Vall

CSEM 24 14:28:19.2, 0.8, 38.14N, 135.74E, h2km, MD2.5, Error ellipse: s-maj=20.4km s-min=14.1km az=133.0

TAP 24 16:30:30.9,24'63N:122'59E,h128km,1km,ML2.9,D
ISCJB 24 16:30:32.3,1.0,24'60N:0'09:122'69E:0.03,
h105km,8km,Error ellipse: s-maj=14.7km s-min=4.5km
az=1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Yonagunijimaku, Yonaguni jima, Suao, etc.

ISCJB 24 16:39:59.3,0.5,51'38N:0'03:16'17E:0.03,h0km,Error
ellipse: s-maj=3.7km s-min=2.3km az=11.3
CSEM 24 16:40:00.1,0.2,51'42N:16'18E,h2km,ML3.8/9,Error
ellipse: s-maj=4.5km s-min=3.1km az=7.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Ksiaz, Upice, Dobruska-Polom, etc.

Table with columns: TREC, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Trest, Tannenbergssta, etc.

BUI 24 16:42:24.5,3'39N:128'17E,h155km,mb4.4/13,mb4.7/10
ISCJB 24 16:42:28.9,0.3,4'02N:0'03:128'03E:0.05,h150km,
mb4.2/4,Error ellipse: s-maj=6.5km s-min=3.5km
az=164.0

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

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

IDC 24 16:51:22.3,2.6,1'97S:128'47E,h0km,mb3.3/2,
mb1.3/4/3,mb1mx3.2/30,mbtmp3.3/3,ML3.3/1,Error
ellipse: s-maj=203.7km s-min=29.4km az=68.0.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
WRA	Warramunga Arr	18.76	163	P	P	16 55 42.9	-0.2
ASAR	Alice Springs	22.20	167	P	P	16 56 20.4	-0.1
MKAR	Makanchi Array	63.22	326	P	P	17 01 52.6	+0.1

comp=N,214nm,1.4s
 TRG Tyrgan 3.47 222 ePn Pn 17 02 36.9 +1.3
 TRG ePg Pn 17 02 43.5 +0.7
 TRG eSg Sb 17 03 28.0 +2.8
 TRG eSgSg Sb 17 03 33.7 +1.5
 Pmax

IDC 24 17:05:20.2, 7.2, 403N, 141.140E, h324km, 81km, mb3.0/5, mb1 3.2/6, mb1mx2.9/38, mbtmp3.6/6, Error ellipse: s-maj=35.5km s-min=14.8km az=87.0, Volcano Islands region
 Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
 KSRS Korea Array 17.67 322 P P 17 01 05.0 +0.2
 ASAJ Asahikawa 20.06 3 P P 17 01 25.9 -4.2
 WRA Warramunga Arr 44.24 190 P P 17 04 58.6 +0.1
 ASAR Alice Springs 47.97 189 P P 17 05 26.8 -0.5
 MKAR Makanchi Array 51.92 311 P P 17 05 56.4 -0.1
 ILAR Gielson Array 60.74 28 P P 17 06 57.6 -0.3
 YKA Yellowknife Arr 75.17 28 P P 17 08 27.6 +0.5

MOS 24 17:01:40.3, 1.2, 55.41N, 110.114E, h12km, mb4.4/1, Error ellipse: s-maj=14.7km s-min=8.6km az=77.5
 BYKL 24 17:01:41.2, 0.2, 55.40N, 110.111E
 ISC 24 17:01:41.0, 1.1, 55.40N, 0.02, 110.16E, 0.02, h5km, 9km, n41, c1986/80, 6C-3D, Lake Baykal region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
NIZ	Nizh Angarsk	0.52	318	Pg	Pg	17 01 50.8	-0.1
NIZ	Nizh Angarsk	0.52	318	ePg	Pg	17 01 57.7	-0.1
NIZ	Nizh Angarsk	0.52	318	ePg	Pg	17 01 50.8	-0.1
NIZ	Nizh Angarsk	0.52	318	ePg	Pg	17 01 57.7	-0.1
KMO	Kumora	0.77	50	Pg	Pg	17 01 55.3	-0.4
KMO	Kumora	0.77	50	ePg	Pg	17 02 05.3	-0.4
KMO	Kumora	0.77	50	ePg	Pg	17 01 55.3	-0.4
KMO	Kumora	0.77	50	ePg	Pg	17 02 05.3	-0.4
YLVR	Ulyunkhan	0.78	132	Pg	Pg	17 01 55.9	0.0
YLVR	Ulyunkhan	0.78	132	ePg	Pg	17 02 06.8	+0.9
YLVR	Ulyunkhan	0.78	132	ePg	Pg	17 01 55.9	0.0
YLVR	Ulyunkhan	0.78	132	ePg	Pg	17 02 06.8	+0.9
YOA	Uoyan	1.15	50	Pb	Pb	17 02 02.5	-0.9
YOA	Uoyan	1.15	50	ePg	Pb	17 02 18.6	-0.0
YOA	Uoyan	1.15	50	ePg	Pb	17 02 22.6	+2.7
YOA	Uoyan	1.15	50	ePg	Pb	17 02 02.7	-0.7
YOA	Uoyan	1.15	50	ePg	Pb	17 02 19.8	-0.7
SYVR	Suwo	1.75	183	Pb	Pb	17 02 12.9	-0.6
SYVR	Suwo	1.75	183	ePg	Pb	17 02 36.8	-0.2
SYVR	Suwo	1.75	183	ePg	Pb	17 02 12.9	-0.6
SYVR	Suwo	1.75	183	ePg	Pb	17 02 36.8	-0.2
UKT	Ukai	1.98	86	Pn	Pn	17 02 16.1	+0.9
UKT	Ukai	1.98	86	ePg	Pb	17 02 43.8	+0.8
UKT	Ukai	1.98	86	ePg	Pb	17 02 16.1	+0.9
UKT	Ukai	1.98	86	ePg	Pb	17 02 43.8	+0.8
SVKR	Severomuyk	2.05	68	Pn	Pn	17 02 17.1	+0.9
SVKR	Severomuyk	2.05	68	ePg	Pb	17 02 44.9	+0.3
SVKR	Severomuyk	2.05	68	ePg	Pb	17 02 50.2	+0.5
SVKR	Severomuyk	2.05	68	ePg	Pb	17 02 17.1	+0.9
SVKR	Severomuyk	2.05	68	ePg	Pb	17 02 46.1	+0.9
OGRR	Ongureny	2.31	221	Pn	Pn	17 02 20.3	+0.7
OGRR	Ongureny	2.31	221	ePg	Pb	17 02 22.8	-0.2
OGRR	Ongureny	2.31	221	ePg	Pb	17 02 51.0	-0.8
OGRR	Ongureny	2.31	221	ePg	Pb	17 02 20.3	+0.7
OGRR	Ongureny	2.31	221	ePg	Pb	17 02 22.8	-0.2
BOD	Bodaibo	3.23	40	Pn	Pn	17 02 32.6	+0.4
BOD	Bodaibo	3.23	40	ePg	Pb	17 02 38.5	-0.2
BOD	Bodaibo	3.23	40	ePg	Pb	17 03 10.4	-0.6
BOD	Bodaibo	3.23	40	ePg	Pb	17 03 20.4	+2.1
BOD	Bodaibo	3.23	40	ePg	Pb	17 02 38.2	-0.2
BOD	Bodaibo	3.23	40	ePg	Pb	17 03 10.3	-0.7
BOD	Bodaibo	3.23	40	ePg	Pb	17 03 19.6	-0.7
NLYR	Nelyaty	3.31	68	Pn	Pn	17 02 33.7	+0.3
NLYR	Nelyaty	3.31	68	ePg	Pb	17 02 40.8	+0.7
NLYR	Nelyaty	3.31	68	ePg	Pb	17 03 13.0	0.0
NLYR	Nelyaty	3.31	68	ePg	Pb	17 03 24.7	-2.4
NLYR	Nelyaty	3.31	68	ePg	Pb	17 02 33.7	+0.3
NLYR	Nelyaty	3.31	68	ePg	Pb	17 02 40.8	+0.7
NLYR	Nelyaty	3.31	68	ePg	Pb	17 03 13.0	0.0
NLYR	Nelyaty	3.31	68	ePg	Pb	17 03 24.7	-2.4

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
CIT	Chita	3.94	148	Pn	Pn	17 02 42.3	+0.2
CIT	Chita	3.94	148	ePg	Pb	17 02 51.9	+1.1
CIT	Chita	3.94	148	ePg	Pb	17 02 28.1	-0.5
CIT	Chita	3.94	148	ePg	Pb	17 03 43.0	+4.3
CIT	Chita	3.94	148	ePg	Pb	17 02 41.2	-0.9
CIT	Chita	3.94	148	ePg	Pb	17 03 27.6	-1.0
CIT	Chita	3.94	148	ePg	Pb	17 03 42.6	-1.0
CIT	Chita	3.94	148	ePg	Pb	17 03 43.5	-4.1
CIT	Chita	3.94	148	ePg	Pb	17 02 49.9	-1.1
CIT	Chita	3.94	148	ePg	Pb	17 03 00.0	+1.9
CIT	Chita	3.94	148	ePg	Pb	17 03 33.4	-2.4
CIT	Chita	3.94	148	ePg	Pb	17 03 51.0	+3.8
IRK	Irkutsk	4.71	230	Pb	Pb	17 03 05.2	+1.3
IRK	Irkutsk	4.71	230	ePg	Pb	17 03 43.5	-4.0
IRK	Irkutsk	4.71	230	ePg	Pb	17 04 05.3	-4.0
IRK	Irkutsk	4.71	230	ePg	Pb	17 03 46.5	-2.0
IRK	Irkutsk	4.71	230	ePg	Pb	17 04 06.5	+4.5
CRS	Chara	4.78	68	Pn	Pn	17 02 55.8	+2.2
CRS	Chara	4.78	68	ePg	Pb	17 03 07.6	+2.4
CRS	Chara	4.78	68	ePg	Pb	17 04 10.4	-3.9
CRS	Chara	4.78	68	ePg	Pb	17 03 06.3	+1.1
CRS	Chara	4.78	68	ePg	Pb	17 04 09.4	-1.1
TLY	Talaya	5.38	229	Pb	Pb	17 03 17.1	+1.7
TLY	Talaya	5.38	229	ePg	Pb	17 04 01.1	-3.0
TLY	Talaya	5.38	229	ePg	Pb	17 04 26.2	+6.0
TLY	Talaya	5.38	229	ePg	Pb	17 03 00.2	-1.6
TLY	Talaya	5.38	229	ePg	Pb	17 03 16.0	-1.6
TLY	Talaya	5.38	229	ePg	Pb	17 04 01.2	-2.9
TLY	Talaya	5.38	229	ePg	Pb	17 04 24.7	-2.9
TUP	Tupik	5.74	96	Pn	Pn	17 03 06.8	+0.1
TUP	Tupik	5.74	96	ePg	Pb	17 03 24.1	+2.7
TUP	Tupik	5.74	96	ePg	Pb	17 04 11.8	-1.1
TUP	Tupik	5.74	96	ePg	Pb	17 04 39.3	-5.7
TUP	Tupik	5.74	96	ePg	Pb	17 03 06.2	-0.5
TUP	Tupik	5.74	96	ePg	Pb	17 03 12.5	-0.4
TUP	Tupik	5.74	96	ePg	Pb	17 04 39.7	-0.4
ARS	Arshan	5.77	236	Pn	Pn	17 03 07.9	+0.7
ARS	Arshan	5.77	236	ePg	Pb	17 03 24.7	+2.7
ARS	Arshan	5.77	236	ePg	Pb	17 04 10.8	-2.9
ARS	Arshan	5.77	236	ePg	Pb	17 04 38.7	-7.3
KPC	Khapcheringa	5.86	166	Pn	Pn	17 03 27.0	+3.4
KPC	Khapcheringa	5.86	166	ePg	Pb	17 04 12.6	-3.5
KPC	Khapcheringa	5.86	166	ePg	Pb	17 04 43.3	-5.7
KPC	Khapcheringa	5.86	166	ePg	Pb	17 03 26.1	+0.4
KPC	Khapcheringa	5.86	166	ePg	Pb	17 04 12.5	-3.5
KPC	Khapcheringa	5.86	166	ePg	Pb	17 04 40.5	+4.0
ZAK	Zakamsk	6.52	222	Pn	Pn	17 03 38.4	+3.5
ZAK	Zakamsk	6.52	222	ePg	Pb	17 05 02.0	-8.2
ZAK	Zakamsk	6.52	222	ePg	Pb	17 03 20.3	+2.7
ZAK	Zakamsk	6.52	222	ePg	Pb	17 03 39.0	+2.7
ZAK	Zakamsk	6.52	222	ePg	Pb	17 05 00.7	+2.7
MOY	Mondy	6.62	239	Pn	Pn	17 03 20.5	+1.6
MOY	Mondy	6.62	239	ePg	Pb	17 03 40.5	+4.0
MOY	Mondy	6.62	239	ePg	Pb	17 04 32.2	-2.5
MOY	Mondy	6.62	239	ePg	Pb	17 05 05.6	-7.7
MOY	Mondy	6.62	239	ePg	Pb	17 03 20.5	+1.6
MOY	Mondy	6.62	239	ePg	Pb	17 03 40.5	+4.0
MOY	Mondy	6.62	239	ePg	Pb	17 04 32.2	-2.5
MOY	Mondy	6.62	239	ePg	Pb	17 05 05.6	-7.7

comp=N,129nm,0.2s
 UUDB Ulan-Yde 3.83 204 ePg Pn 17 02 50.0 +0.9
 UUDB eSg Pn 17 03 40.3 -3.8
 UUDB Pmax
 comp=N,23nm,0.5s
 UUDB Chita 3.94 148 ePn Pn 17 02 42.3 +0.2
 UUDB ePg Pn 17 02 51.9 +1.1
 UUDB eSg Pn 17 02 28.1 -0.5
 UUDB eSg Pn 17 03 43.0 +4.3
 Pmax
 comp=N,19nm,0.1s
 CIT Chita 3.94 148 ePn Pn 17 02 41.2 -0.9
 CIT ePg Pn 17 03 27.6 -1.0
 CIT eSg Pn 17 03 42.6 -1.0
 CIT eSg Pn 17 03 43.5 -4.1
 Pmax
 comp=N,238nm,0.4s
 CIT Chita 3.94 148 ePn Pn 17 02 41.2 -0.9
 CIT ePg Pn 17 03 27.6 -1.0
 CIT eSg Pn 17 03 42.6 -1.0
 CIT eSg Pn 17 03 43.5 -4.1
 Pmax
 comp=E,250nm,0.6s
 KAB Kabansk 3.95 213 eSg Sg 17 03 43.5 -4.1
 KAB eSg Sg 17 02 49.9 -1.1
 KAB eSg Sg 17 03 00.0 +1.9
 KAB eSg Sg 17 03 33.4 -2.4
 KAB eSg Sg 17 03 51.0 +3.8
 Pmax
 comp=E,305nm,0.8s
 KAB HRMR Khuramsha 4.23 208 ePn Pn 17 02 49.9 -1.1
 HRMR ePg Pn 17 03 00.0 +1.9
 HRMR eSg Pn 17 03 33.4 -2.4
 HRMR eSg Pn 17 03 51.0 +3.8
 Pmax
 comp=E,261nm,0.7s
 IRK Irkutsk 4.71 230 ePn Pn 17 03 05.2 +1.3
 IRK ePg Pn 17 03 43.5 -4.0
 IRK ePg Pn 17 04 05.3 -4.0
 IRK ePg Pn 17 03 46.5 -2.0
 IRK ePg Pn 17 04 06.5 +4.5
 Pmax
 comp=N,85nm,1.0s
 CRS Chara 4.78 68 ePn Pn 17 02 55.8 +2.2
 CRS ePg Pn 17 03 07.6 +2.4
 CRS ePg Pn 17 04 10.4 -3.9
 CRS ePg Pn 17 03 06.3 +1.1
 CRS ePg Pn 17 04 09.4 -1.1
 Pmax
 comp=N,65nm,0.9s
 CRS Talaya 5.38 229 ePg Pn 17 03 17.1 +1.7
 CRS ePg Pn 17 04 01.1 -3.0
 CRS ePg Pn 17 04 26.2 +6.0
 CRS ePg Pn 17 03 00.2 -1.6
 CRS ePg Pn 17 03 16.0 -1.6
 CRS ePg Pn 17 04 01.2 -2.9
 CRS ePg Pn 17 04 24.7 -2.9
 Pmax
 comp=N,55nm,0.5s
 TLY Talaya 5.38 229 ePn Pn 17 03 00.2 -1.6
 TLY ePg Pn 17 03 16.0 -1.6
 TLY ePg Pn 17 04 01.2 -2.9
 TLY ePg Pn 17 04 24.7 -2.9
 Pmax
 comp=N,2.0nm,0.2s
 TUP Tupik 5.74 96 ePn Pn 17 03 06.8 +0.1
 TUP ePg Pn 17 03 24.1 +2.7
 TUP ePg Pn 17 04 11.8 -1.1
 TUP ePg Pn 17 04 39.3 -5.7
 Pmax
 comp=N,144nm,1.0s
 ARS Arshan 5.77 236 ePn Pn 17 03 07.9 +0.7
 ARS ePg Pn 17 03 24.7 +2.7
 ARS ePg Pn 17 04 10.8 -2.9
 ARS ePg Pn 17 04 38.7 -7.3
 Pmax
 comp=N,10.0nm,0.5s
 KPC Khapcheringa 5.86 166 ePn Pn 17 03 27.0 +3.4
 KPC ePg Pn 17 04 12.6 -3.5
 KPC ePg Pn 17 04 43.3 -5.7
 KPC ePg Pn 17 03 26.1 +0.4
 KPC

HRZ	Handcock Road	4.65 209	PN	Pn	17 40 38.5 +1.8
SNZ	Shannon Statio	4.65 198	PN	Pn	17 40 37.5 +0.8
PRGZ	Paritu Road	4.67 193	PN	Pn	17 40 37.5 +0.5
OZU	Omahuta	4.68 258	ePn	Pn	17 40 37.0 -0.1
OZU	Omahuta	4.68 258	ePn	Pn	17 40 37.0 -0.1
OUZ	Plateau Road	4.70 249	PN	Pn	17 40 38.4 +1.2
ALRZ	Allen Road	4.78 208	PN	Pn	17 40 39.4 +1.1
KNZ	Kokohu	4.81 194	PN	Pn	17 40 38.4 -0.2
RAHZ	Arahi	4.85 200	PN	Pn	17 40 39.6 +0.5
MHGZ	Mahia Peninsula	4.89 192	PN	Pn	17 40 40.3 +0.7
WRHZ	Matea Rd	4.99 206	ePn	Pn	17 40 41.6 +0.6
WHZ	Whakara	5.20 210	PN	Pn	17 40 42.9 +1.6
NMHZ	Naumai	5.20 201	PN	Pn	17 40 42.9 +0.7
HATZ	Hinemaiahi	5.16 208	PN	Pn	17 40 43.5 +0.5
ARHZ	Aropanoai	5.20 199	PN	Pn	17 40 43.6 +0.3
BKZ	Black Stump Fm	5.26 203	PN	Pn	17 40 44.3 +0.1
KAKZ	Kakaramea	5.29 203	PN	Pn	17 40 44.3 +0.1
HIZ	Hauti	5.42 219	PN	Pn	17 40 49.9 +3.3
MCHZ	McNeill Hill	5.45 201	PN	Pn	17 40 46.7 +0.2
KRVZ	Karewarehira	5.51 210	PN	Pn	17 40 48.0 +0.6
KWHZ	Kaweke Forest	5.51 203	PN	Pn	17 40 46.9 -0.4
CKHZ	CAPE Kidnapper	5.55 197	PN	Pn	17 40 47.4 -0.3
WTVZ	West Tongariro	5.55 209	PN	Pn	17 40 48.5 +0.5
OTVZ	Otareu	5.56 209	PN	Pn	17 40 48.5 +0.5
TVZ	Tarewa	5.58 212	PN	Pn	17 40 49.3 +1.1
NGZ	Ngaruroho	5.60 210	PN	Pn	17 40 49.0 +0.6
COVZ	Chateau Observ	5.64 210	PN	Pn	17 40 49.7 +0.8
WVZ	Whakapapa	5.65 217	PN	Pn	17 40 49.7 +0.7
TUWZ	Tukino	5.69 207	PN	Pn	17 40 51.7 +0.0
RAO	Raoul Island	5.66 27	S	S	17 41 45.4 -1.1
RAO	Raoul Island	5.66 27	ePn	Pn	17 40 43.3 -5.9
RAO	Raoul Island	5.66 27	eS	S	17 41 47.1 -9.2
FWVZ	Far West T-bar	5.69 210	PN	Pn	17 40 49.5 -0.2
BHVZ	Whangaehu Hut	5.69 209	PN	Pn	17 40 50.2 +0.5
WHZ	Black Hill Sta	5.70 205	PN	Pn	17 40 48.8 -0.8
DRZ	Dome Shelter	5.70 210	PN	Pn	17 40 51.1 +1.3
KHURZ	Kahurangi	5.73 209	ePn	Pn	17 40 50.1 -0.0
WNVZ	Wahianoa	5.73 209	ePn	Pn	17 40 50.1 -0.0
KRHZ	Kereru	5.73 202	PN	Pn	17 40 49.1 -0.9
MOVZ	Moawhango	5.74 208	PN	Pn	17 40 49.3 -0.8
MTVZ	Mangatetei	5.83 210	ePn	Pn	17 40 51.7 +0.5
VRZ	Vera Road	5.94 207	PN	Pn	17 40 51.9 +1.8
PXZ	Pawantui	5.96 197	PN	Pn	17 40 51.7 -1.0
WPHZ	Waipukurau	6.10 200	PN	Pn	17 40 53.3 -1.2
PRHZ	Porangahau	6.24 198	PN	Pn	17 40 55.3 -0.9
TSZ	Takapari Road	6.24 203	PN	Pn	17 40 54.5 -1.8
WAZ	Wanganui	6.34 211	PN	Pn	17 40 57.1 -0.5
PKZ	Pukei	6.41 210	PN	Pn	17 41 01.9 +3.0
NEZ	North Egmont	6.38 218	PN	Pn	17 41 00.6 +2.5
DVHZ	Dannevirke	6.40 201	PN	Pn	17 40 56.6 -1.7
PREZ	Palmer Road	6.40 218	PN	Pn	17 41 00.8 +2.5
KHEZ	Kahui Hut	6.43 219	PN	Pn	17 41 01.2 +2.4
ANWZ	Angora Road	6.46 199	PN	Pn	17 40 57.7 -1.3
POWZ	Post Office Ro	6.51 203	PN	Pn	17 40 59.4 -1.5
PRZ	Pori Road	6.69 201	PN	Pn	17 41 00.4 -1.5
BFZ	Birch Farm	6.73 199	PN	Pn	17 41 00.8 -1.6
MRZ	Mangatoinoka R	6.73 203	PN	Pn	17 41 02.7 -2.0
TIWZ	Tintock	6.92 201	PN	Pn	17 41 03.0 -1.9
CPWZ	Castlepoint	6.95 199	PN	Pn	17 41 03.1 -1.5
HOWZ	Holdsforth Sta	6.95 203	PN	Pn	17 41 05.2 -2.4
OGWZ	Otaki Gorge	7.19 205	PN	Pn	17 41 05.9 -2.2
TMWZ	Te Maipa	7.22 200	PN	Pn	17 41 06.6 -2.0
KIW	Kapiti Island	7.32 206	PN	Pn	17 41 07.3 -2.6
MTW	Mount Morrison	7.38 202	PN	Pn	17 41 08.0 -2.7
CAW	Cammo Point	7.41 209	PN	Pn	17 41 09.2 +4.0
TRWZ	Traveller	7.55 200	PN	Pn	17 41 10.5 -2.3
PAWZ	Parawai Farm	7.61 202	PN	Pn	17 41 10.8 -2.7
DUWZ	D'Urville Is	7.67 211	PN	Pn	17 41 11.9 -2.4
MSWZ	Moikau Station	7.70 203	PN	Pn	17 41 11.7 -2.9
WEL	Wellington	7.74 205	ePn	Pn	17 41 11.6 -3.5
SNZO	South Kori	7.79 206	ePn	Pn	17 41 12.6 -3.1
SNZO	South Kori	7.79 206	eS	S	17 42 39.2 -5.5
BHW	Baring Head	7.82 205	PN	Pn	17 41 13.2 -2.9
PLWZ	Palliser	7.84 202	PN	Pn	17 41 13.2 -3.2
TCW	Tory Channel	7.85 209	PN	Pn	17 41 13.2 -3.2
TUWZ	Tuamarina	7.88 209	PN	Pn	17 41 17.7 -3.0
NRZ	Nelson	8.24 212	PN	Pn	17 41 18.3 -3.1
QNZ	Quartz Range	8.34 217	PN	Pn	17 41 20.0 -2.7
BSWZ	Blackbirch Sta	8.45 208	ePn	Pn	17 41 21.1 -3.0
THZ	Topohue	8.89 212	PN	Pn	17 41 26.8 -3.0
KHZ	Kahutara	9.18 207	ePn	Pn	17 41 30.0 -3.4
KHZ	Kahutara	9.18 207	ePn	Pn	17 41 30.0 -3.4
DSZ	Denniston	9.39 216	PN	Pn	17 41 31.8 -4.2
CTZ	Chatham Island	9.91 162	PN	Pn	17 41 50.1 +1.6
CRZLZ	Canterbury Las	10.15 219	PN	Pn	17 41 45.9 +4.4
OXZ	Oxford	10.54 210	PN	Pn	17 41 46.3 -4.1
MQZ	McQueen's Vall	10.62 207	PN	Pn	17 41 47.6 -3.8
WVZ	Waikata Valley	10.91 215	PN	Pn	17 41 51.8 -3.3
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.7 -3.0
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.7 -3.0
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.6 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ	Rata Peaks	11.27 212	S	S	17 43 56.4 -9.2
RPZ	Rata Peaks	11.27 212	PN	Pn	17 41 56.2 -3.4
RPZ	Rata Peaks	11.27 212	ePn	Pn	17 41 56.5 -3.1
RPZ					

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PSI Prapat, SKNT Sakonakorn, GSI Gunungsitoli, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like COLA College, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KOLS Kolonice sedl, KOLS Kolonice sedl, UZH Uzhgorod, etc.

ISCJB 24 17:51:26.0:0.6, 19:7S:0.1x177:05W:0:09, h350km, mb3.9/8, Error ellipse: s-maj=14.5km s-min=1.7km

IDC 24 17:51:26.2:2.9, 19:71S:176:99W, h338km, 29km, mb3.7/8, mb1.4/0.9, mb1mx3.6/33, mbtmp4.5/9, Error ellipse: s-maj=26.8km s-min=14.7km az=162.0

AUST 24 17:51:26.5:36.0, 20:24S:177:32W, h291km, 8km, Error ellipse: s-maj=7.9km s-min=2.7km az=248.0

ISC 24 17:51:27.0:0.7, 19:8S:0.1x177:00W:0:11, h350km, n31, o=85/30, mb3.9/8, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

ISCJB 24 17:57:03.0:0.6, 37:66N:0:04:36:14E:0:03, h2km, 6km,

Error ellipse: s-maj=7.0km s-min=3.4km az=6.9
 ISK 24 17:57:02.8, 37.64N, 36.12E, h11km, MD2.6, Error
 CSEM 24 17:57:03.1, 0.1, 37.67N, 36.12E, h10km, MD2.8, Error
 ellipse: s-maj=1.1km s-min=2.8km az=9.0
 DDA 24 17:57:04.2, 37.59N, 36.16E, h7km, Md2.8
 ISC 24 17:57:03.3, 1.0, 37.65N, 0.04, 36.14E, 0.02, h8km, 8km,
 n28, c0564/43, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
						h m s	ISC
ANDN	Andirín	0.18 111		Op	ISC	17 57 04 +0.1	
ANDN	Andirín	0.18 111		iS	Pg	17 57 10 +0.8	
ANDN	Andirín	0.18 111		P	Sg	17 57 07.1 +0.1	
ANDN	Andirín	0.18 111		P	Sg	17 57 10 +0.8	
KOZT	Kozan	0.29 236		ePg	Pg	17 57 08.7 -0.4	
KOZT	Kozan	0.29 236		eSg	Pg	17 57 13.6 +0.5	
KOZT	Kozan	0.29 236		ePg	Pg	17 57 08.7 -0.4	
KOZT	Kozan	0.29 236		eSg	Pg	17 57 13.6 +0.5	
AKO	Adana	0.58 252		P	Sb	17 57 14.6 +0.1	
AKO	Adana	0.58 252		S	Sb	17 57 24.3 +0.4	
AYKD	Aydkinkavak	0.58 113		Op	ISC	17 57 14.5 0.0	
AYKD	Aydkinkavak	0.58 113		iS	Pg	17 57 22.1 -0.1	
KMRS	Kahramanmaraş	0.62 103		ePg	Pg	17 57 15.6 +0.3	
KMRS	Kahramanmaraş	0.62 103		eSg	Pg	17 57 24.8 -0.5	
KMRS	Kahramanmaraş	0.62 103		ePg	Pg	17 57 15.6 +0.3	
KMRS	Kahramanmaraş	0.62 103		eSg	Pg	17 57 24.8 -0.5	
KAMA	Osmaniye	0.62 137		P	Sb	17 57 14.4 -1.0	
KAMA	Osmaniye	0.62 137		S	Sb	17 57 24.8 -0.5	
HCB	Kahramanmaraş	0.69 116		P	Sb	17 57 16.0 -0.5	
HCB	Kahramanmaraş	0.69 116		S	Sb	17 57 26.3 -0.8	
CEYT	Ceyhan	0.71 206		ePg	Pb	17 57 17.4 -0.4	
CEYT	Ceyhan	0.71 206		ePg	Pb	17 57 17.4 -0.4	
SARI	Sarıdiz-Kayseri	0.79 161		ePg	Pg	17 57 18.9 -0.5	
KARA	Karaisalı	0.94 246		ePg	Pg	17 57 20.9 -0.5	
KARA	Karaisalı	0.94 246		ePg	Pg	17 57 20.9 -0.5	
GULE	Gulek	1.14 252		iS	Pn	17 57 25.5 -0.1	
GULE	Gulek	1.14 252		P	Pn	17 57 43.4 +1.9	
GULE	Gulek	1.14 252		P	Pn	17 57 25.5 -0.1	
GULE	Gulek	1.14 252		S	Pn	17 57 43.4 +1.9	
KUZU	Kuzuni	1.15 139		iS	Pn	17 57 25.7 0.0	
KUZU	Kuzuni	1.15 139		iS	Pn	17 57 40.4 +0.2	
KUZU	Kuzuni	1.15 139		P	Pn	17 57 25.7 0.0	
KUZU	Kuzuni	1.15 139		S	Pn	17 57 40.4 +0.2	
GZT	Gaziantep	1.17 104		P	Sg	17 57 26.7 +0.5	
GZT	Gaziantep	1.17 104		S	Sg	17 57 42.3 0.0	
BNN	Bunyan	1.23 349		ePn	Pn	17 57 26.4 -0.3	
BNN	Bunyan	1.23 349		ePn	Pn	17 57 26.5 -0.3	
TAHT	Tahtakopru-Hat	1.27 178		ePn	Pb	17 57 27.1 -0.3	
TAHT	Tahtakopru-Hat	1.27 178		ePn	Pb	17 57 27.1 -0.3	
NIG	Nigde	1.29 281		ePn	Pn	17 57 27.1 -0.7	
NIG	Nigde	1.29 281		ePn	Pn	17 57 27.1 -0.7	
GULA	Gulagac	1.65 296		ePn	Pn	17 57 32.2 -0.5	
GULA	Gulagac	1.65 296		ePn	Pn	17 57 32.2 -0.5	

MEX 24 17:58:05.2, 1.0, 15.73N, 92.45W, h201km, 8km, MD3.9,
 Mexico-Guatemala border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
						h m s	ISC
CCIG	Comitan	0.63 28		Op	Pn	17 58 31.3 -1.9	
CCIG	Comitan	0.63 28		iS	Pn	17 58 51.7 -3.3	
PCIG	Patulul	0.74 268		eP	Pn	17 58 32.0 -1.5	
PCIG	Patulul	0.74 268		eP	Pn	17 58 53.0 -2.3	
TGIG	Tehuacan	1.23 328		eP	Pn	17 58 46.0 -0.7	
TGIG	Tehuacan	1.23 328		eS	Pn	17 58 59.7 -1.5	
HUIG	Huautulco	3.52 271		iS	Pn	17 58 59.5 -1.7	
HUIG	Huautulco	3.52 271		iS	Pn	17 59 42.5 -1.9	

CSEM 24 18:09:22.0, 4.0, 39.24N, 41.00E, h2km, MD2.6, Error
 ellipse: s-maj=1.7km s-min=1.4km az=150.0
 ISK 24 18:09:22.3, 39.31N, 41.12E, h10km, MD2.7
 ISCJB 24 18:09:23.0, 5.0, 39.30N, 0.03, 41.02E, 0.04, h5km, 6km,
 Error ellipse: s-maj=5.3km s-min=4.5km az=33.6
 DDA 24 18:09:24.3, 39.32N, 41.06E, h7km, Md2.6
 ISC 24 18:09:22.2, 1.1, 39.27N, 0.03, 41.01E, 0.02, h5km, 13km,
 n24, c1514/36, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
						h m s	ISC
ECAT	Cat-ERZURUM	0.34 356		Op	Pb	18 09 30.2 -0.7	
ECAT	Cat-ERZURUM	0.34 356		iS	Sb	18 09 35.6 -1.1	
ECAT	Cat-ERZURUM	0.34 356		P	Sb	18 09 30.2 -0.7	
ECAT	Cat-ERZURUM	0.34 356		S	Sb	18 09 35.6 -1.1	
BNGL	BINGOL	0.34 161		P	Pb	18 09 31.4 +0.5	
BNGL	BINGOL	0.34 161		S	Pb	18 09 37.6 +1.1	
VRTB	Varto-Mus	0.37 107		ePg	Sg	18 09 33.9 -0.3	
VRTB	Varto-Mus	0.37 107		eSg	Sg	18 09 33.9 -0.3	
VRTB	Varto-Mus	0.37 107		ePg	Pg	18 09 28.3 -1.1	
VRTB	Varto-Mus	0.37 107		eSg	Pg	18 09 33.9 -0.3	
BNGB	Bingöl	0.38 222		ePg	Pb	18 09 31.6 +0.0	
BNGB	Bingöl	0.38 222		eSg	Pb	18 09 39.1 +1.4	
BINT	Bingöl	0.56 226		ePg	Pb	18 09 31.6 +0.0	
BINT	Bingöl	0.56 226		eSg	Pb	18 09 31.6 +0.0	
BZM	Erzurum	0.69 23		ePg	Sg	18 09 39.2 -1.2	
BZM	Erzurum	0.69 23		ePg	Sg	18 09 35.6 +0.1	
ERZM	Erzurum	0.69 24		iS	Pb	18 09 35.5 -0.0	
ERZM	Erzurum	0.69 24		iS	Pb	18 09 45.3 +0.7	
ERZM	Erzurum	0.69 24		iS	Pb	18 09 35.5 -0.0	
ERZM	Erzurum	0.69 24		iS	Pb	18 09 45.3 +0.7	
EKAR	Karacoban	0.82 91		iS	Pb	18 09 40.3 -0.5	
EKAR	Karacoban	0.82 91		iS	Pb	18 09 50.9 +0.2	
EKAR	Karacoban	0.82 91		P	Pb	18 09 40.3 -0.5	
EKAR	Karacoban	0.82 91		S	Pb	18 09 50.9 +0.2	
ERZM	Erzurum	1.04 288		ePn	Pn	18 09 40.3 -0.5	
EATA	Eleskirt	1.29 62		iS	Pg	18 09 49.2 +2.2	
EATA	Eleskirt	1.29 62		iS	Pg	18 10 05.5 +1.7	
EATA	Eleskirt	1.29 62		P	Pg	18 09 49.2 +2.2	
EATA	Eleskirt	1.29 62		S	Pg	18 10 05.5 +1.7	
BAYT	Ayd-ntepe-Bay	1.30 330		ePn	Pb	18 09 46.9 -0.5	
BAYT	Ayd-ntepe-Bay	1.30 330		ePn	Pb	18 09 46.9 -0.5	
PTK	Pertek	1.31 254		ePn	Pg	18 09 49.0 +1.6	
PTK	Pertek	1.31 254		ePn	Pg	18 09 49.0 +1.6	
EZC	Erzurum	1.37 291		ePn	Pg	18 09 43.7 -4.5	
AGRB	Hanur-Agry	1.57 78		ePn	Pg	18 09 48.4 -1.6	
AGRB	Hanur-Agry	1.57 78		ePn	Pg	18 09 48.4 -1.6	
SVRC	Sivrice-ELAZID	1.60 237		ePn	Pg	18 09 53.3 +0.4	
SVRC	Sivrice-ELAZID	1.60 237		ePn	Pg	18 09 53.3 +0.4	

ISCJB 24 18:15:48.0, 4.0, 43.48N, 0.02, 19.14E, 0.03, h2km, 5km,
 Error ellipse: s-maj=3.8km s-min=2.2km az=32.7
 CSEM 24 18:15:49.0, 1.4, 43.46N, 19.14E, h2km, ML2.8, Error
 ellipse: s-maj=3.4km s-min=2.4km az=110.0
 BEO 24 18:15:50.0, 3.4, 43.49N, 19.15E, h2km, 2km, MD2.7
 PDG 24 18:15:50.1, 0.4, 43.51N, 19.15E, h2km, 1km, MD2.8/3,
 ML2.8/10, Error ellipse: s-maj=0.6km s-min=1.2km az=0.0
 ISC 24 18:15:50.0, 4.0, 43.46N, 0.02, 19.14E, 0.02, h11km, 7km,
 n85, c099/128, 23C-19D, Northwestern Balkan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
						h m s	ISC
PLE	Piljevlja	0.22 127		Op	ISC	18 15 55.0 -0.2	
PLE	Piljevlja	0.22 127		iS	Pg	18 15 58.8 +0.4	
PLE	Piljevlja	0.22 127		iS	Pg	18 15 55.0 -0.2	
PLE	Piljevlja	0.22 127		P	Pg	18 15 58.8 +0.4	
UPM	Unac-Piva	0.31 214		iP	Pg	18 15 55.6 -1.2	
UPM	Unac-Piva	0.31 214		eSg	Pg	18 16 01.5 +0.4	
UPM	Unac-Piva	0.31 214		eSg	Pg	18 15 55.6 -1.2	
UPM	Unac-Piva	0.31 214		P	Pg	18 16 01.5 +0.4	
BBL5	Lazi#263;i	0.44 251		iP	Pg	18 15 58.8 -0.4	
BBL5	Lazi#263;i	0.44 251		iP	Pg	18 15 58.8 -0.4	
SJES	Sjenica	0.64 108		iP	Pg	18 16 02.1 -0.7	
SJES	Sjenica	0.64 108		iSg	Pg	18 16 10.7 -0.5	
NKY	Niksic	0.66 190		iP	Pg	18 16 01.9 -1.3	
NKY	Niksic	0.66 190		iP	Pg	18 16 12.7 +0.8	
NKY	Niksic	0.66 190		iP	Pg	18 16 01.9 -1.3	
NKY	Niksic	0.66 190		iP	Pg	18 16 12.7 +0.8	
NKME	Niksic	0.71 191		iP	Pg	18 16 02.7 -1.4	
NKME	Niksic	0.71 191		iP	Pg	18 16 12.7 +0.8	
NKME	Niksic	0.71 191		iP	Pg	18 16 02.7 -1.4	
NKME	Niksic	0.71 191		iP	Pg	18 16 12.7 +0.8	
BRY	Bratogost	0.72 218		iP	Pg	18 16 02.2 -2.1	
BRY	Bratogost	0.72 218		iP	Pg	18 16 14.9 +0.1	
BRY	Bratogost	0.72 218		iP	Pg	18 16 02.2 -2.1	
BRY	Bratogost	0.72 218		iP	Pg	18 16 14.9 +0.1	
IVAS	Ivanjica	0.74 81		ePg	Sb	18 16 04.0 -0.7	
IVAS	Ivanjica	0.74 81		ePg	Sb	18 16 16.0 +0.5	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	ISC
						h m s	ISC
IVAS	Ivanjica	0.74 81		ePg	Pg	18 16 04.0 -0.7	
IVAS	Ivanjica	0.74 81		ePg	Sb	18 16 16.0 +0.5	
DIVAS	Divibare	0.88 44		eSg	Pg	18 16 06.7 -0.7	
DIVAS	Divibare	0.88 44		iS	Pg	18 16 06.7 -0.7	
DIVS	Divibare	0.88 44		S	Pg	18 16 20.0 +0.5	
DIVS	Divibare	0.88 44		S	Pg	18 16 20.0 +0.5	
DIVS	Divibare	0.88 44		S	Pg	18 16 06.7 -0.7	
DIVS	Divibare	0.88 44		S	Pg	18 16 20.0 +0.5	
CEME	Cevo	0.93 190		iP	Pg	18 16 06.4 -1.9	
CEME	Cevo	0.93 190		iP			

24d 18h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BHHZ, KAHZ, PNHZ, etc.

2010 NOV

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JAY, KDU, WRKA, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NJ2, USRK, MNSI, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Terrebonne, Gulyang, Battle Mountain, Sadao Pong, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ILAR, MISO, O20A, B29A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BIDA, HAWK, ARNB, etc.

ISCJB 24 18:36:18.6:0.7:6.66S:0.04:147.8E:0.1, h63km, mb4.1/13, Error ellipse: s-maj=16.3km s-min=6.0km az=0.2

Table with columns: DPC, Dobruska-Polom, 1.47 293 Pg Pn, 20 20 58.8 -0.5, 20 21 18.3 -0.3, 20 21 00.0 0.0, 20 21 00.0 +0.2, 20 21 03.1 +0.5, 20 21 25.7 -0.2, 20 21 03.1 +0.5, 20 21 25.7 -0.2, 20 21 03.7 -0.3, 20 21 25.8 +0.4, 20 21 03.7 -0.3, 20 21 25.8 +0.4, 20 21 07.0 +0.5, 20 21 07.0 +0.5, 20 21 34.5 +0.7, 20 21 34.5 +0.7, 20 21 16.1 -0.7, 20 21 40.2 -1.1, 20 21 45.2 +0.5, 20 21 16.1 -0.7, 20 21 40.2 -1.1, 20 21 45.2 +0.5, 20 21 50.3 +1.0, 20 21 50.3 +1.0, 20 21 43.3 -2.2, 20 21 43.3 -2.2, 20 21 53.6 -1.1, 20 21 53.6 -1.1, 20 22 09.9 -0.2, 20 21 35.2 +1.6, 20 22 02.5 -0.4, 20 22 13.5 -2.0, 20 22 19.6 -0.4, 20 22 19.6 -0.4, 20 22 31.0 -1.8, 23 04 00.0

ISCJB 24 20:50:53.6-0.5, 76°08'N-0°06:59'2W, 0.2, h10km, mb3.4/9, MS3.2/11, Error ellipse: s-maj=9.5km s-min=5.4km az=33.8
IDC 24 20:50:53.9-0.9, 76°02'N-59°74'W, h0km, mb3.5/9, mb1 3.8/11, mb1mx3.6/42, mbtmp3.6/11, ML3.6/2, MS3.2/12, Ms1 3.3/12, ms1mx3.0/33, Error ellipse: s-maj=25.1km s-min=17.6km az=173.0
NEIC 24 20:50:56.6, 76°03'N-59°16'W, h4km, ML4.1(OTT), After OTT
OTT 24 20:50:56.6, 76°03'N-59°16'W, h18km, ML4.1/1, Western Greenland
ISC 24 20:50:54.7-0.6, 76°07'N-0°05:59'5W, 0.05, h10km, n32, c1968/34, mb3.5/9, MS3.1/11, 1D, Western Kalaallit

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, KULLO Kullorsuaq, 1.61 157 I/P, 20 51 23.0 -0.1, 20 51 17.7 +0.7, 20 51 22.0 -0.3, 20 51 43.6 -0.4, 20 51 43.6 -0.4, 20 51 42.8 -0.3, 20 51 43.6 -0.4, 20 51 48.8 -0.4, 20 51 49.3, 20 51 33.5 +1.6, 20 51 33.8 +0.7, 20 52 11.3, 20 51 33.5 +1.6, 20 52 03.8 +0.7, 20 52 11.3, 20 52 14.1, 20 10 30.0, 20 52 33.3 +0.3, 20 52 31.1 +1.3, 20 52 36.2 +2.2, 20 53 47.6 -3.4, 20 54 30.6, 20 52 36.2 +2.2, 20 52 47.4, 20 53 47.6 -3.4, 20 54 30.6, 20 54 49.1, 20 53 02.8 -0.7, 20 54 39.4 -4.7, 20 56 34.0, 20 53 03.7 +0.1, 20 53 07.4, 20 54 39.4 -4.7, 20 54 39.8, 20 55 07.2, 20 53 10.3 -0.9, 20 54 54.9 -3.0, 20 53 10.9 -0.8, 20 54 54.2 -4.5, 20 53 45.4 -2.1, 20 55 51.1 +0.1, 20 06 02.9, 20 55 54.2 +0.2, 20 16 55.8, 20 06 33.7, 20 56 47.4 +0.7, 20 09 42.4, 20 17 27.4, 20 16 30.8, 20 14 31.3, 20 59 00.9 +1.2, 20 59 15.9 +0.9, 20 19 08.6, 20 59 36.5 +1.7, 20 21 08.5, 20 21 59.2, 20 21 54.4, 20 21 00 25.9 +0.6, 20 00 35.2 +2.0

CMAR Chiang Mai Arr 84.76 20 P P, 21 03 28.8 0.0, 0.1nm, 0.3s, baz=339, slow=4.8, SNR=3.1
ISCJB 24 21:01:06.9-0.5, 37°87'N-0°03:27:35E, 0.04, h2km, 8km, Error ellipse: s-maj=5.5km s-min=4.3km az=146.0
DDA 24 21:01:07.0, 37°83'N-27°29'E, h6km, Md2.7, Error ellipse: s-maj=9.1km s-min=6.7km az=90.0
ISC 24 21:01:08.6, 37°99'N-27°44'E, h6km, Md2.7, Error ellipse: s-maj=4.3km s-min=3.7km az=89.0
ISC 24 21:01:06.8-1.0, 37°87'N-0°02:27:36E, 0.02, h7km, 11km, n28, c1522/41, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, GCAM G?zelcami?, 0.19 211 I/P, 21 01 10.3 -0.4, 21 01 13.0 -0.3, 21 01 10.3 -0.4, 21 01 13.0 -0.3, 21 01 15.1 -0.0, 21 01 20.7 +0.1, 21 01 16.1 +0.9, 21 01 22.2 +1.4, 21 01 16.1 +0.9, 21 01 22.2 +1.4, 21 01 17.6 +0.3, 21 01 17.6 +0.3, 21 01 24.3 -0.3, 21 01 22.2 +0.4, 21 01 22.6 +0.7, 21 01 32.9 +0.9, 21 01 32.9 +0.9, 21 01 32.6 0.0, 21 01 24.3 -0.2, 21 01 32.6 0.0, 21 01 24.3 -0.2, 21 01 32.6 0.0, 21 01 29.7 +1.9, 21 01 29.7 +1.9, 21 01 19.9 +0.8, 21 01 26.5 -1.0, 21 01 30.2 +0.9, 21 01 40.3 -0.3, 21 01 30.2 +0.9, 21 01 43.0 -0.7, 21 01 43.0 -0.7, 21 01 29.7 -0.5, 21 01 31.5 -1.2, 21 01 31.5 -1.2, 21 01 47.8 -3.5, 21 01 36.7 +1.7, 21 01 46.7 +1.7, 21 01 41.1 +2.5, 21 01 41.1 +2.5, 21 01 41.8 +0.8, 21 01 41.8 +0.8

IDC 24 21:01:24.7-1.2, 11°00'N-125°93'E, h0km, mb3.5/7, mb1 3.6/7, mb1mx3.5/30, mbtmp3.5/7, Error ellipse: s-maj=64.0km s-min=17.2km az=65.0
ISCJB 24 21:01:28.7-1.3, 11°24'N-106°126:20E, 0.08, h49km, 11km, mb3.4/7, Error ellipse: s-maj=14.5km s-min=8.6km az=151.6
MAN 24 21:01:28, 11°09'N-125°95'E, h1km, mb4.8, ML3.8, MS3.8
ISC 24 21:01:29.5-1.1, 11°33'N-106°126:16E, 0.2, h36km, 56km, n35, c1553/31, mb3.3/7, 4C-2D, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, BESP Borongan, 0.76 295 eP, 21 01 43.2 -0.4, 21 01 46.5 -2.4, 21 01 58.8 -4.6, 21 01 54.8 +0.5, 21 02 13.2 +0.8, 21 01 54.5 -1.0, 21 02 15.2 0.0, 21 01 55.8 -0.8, 21 02 17.5 +0.4, 21 02 05.8 +0.4, 21 02 35.4 +2.5, 21 02 07.2 +1.6, 21 02 12.8 +1.9, 21 02 19.6 +5.0, 21 02 16.1 -0.5, 21 02 22.7 +0.8, 21 02 23.3 +1.2, 21 02 22.8 +0.8, 21 02 26.2 +0.2, 21 02 26.2 +0.2, 21 07 09.4 -0.8, 21 07 51.2 -1.9, 21 08 22.1 -1.4, 21 08 56.8 +0.1, 21 08 57.3 -0.5, 21 51 48.3, 21 51 50.3, 21 51 48.9, 21 09 02.7 +1.6, 21 52 14.6, 21 52 18.2, 21 52 19.7, 21 09 03.8 +0.2, 21 09 10.6 -0.3, 21 09 12.8 -0.7, 21 09 15.2 -0.4, 21 09 25.8 -0.6, 21 09 43.5 -1.1, 21 10 30.6 +1.6, 21 10 49.3 +1.7

KRSC 24 21:03:41.5-0.7, 54°83'N-160°97'E, h128km, 7km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, KZV Kizimen, 0.48 306 I/P, 21 04 01.2 +0.8, 21 04 15.3 +0.6, 21 04 16.2 +1.6, 21 04 05.4 +0.9, 21 04 06.8 +1.1, 21 04 07.0 +1.0, 21 04 06.9 +0.7, 21 04 07.3 +1.0, 21 04 26.5 +1.6, 21 04 07.6 +1.4, 21 04 07.0 +0.6, 21 04 08.7 +1.4, 21 04 08.9 +0.8, 21 04 09.5 +1.0, 21 04 30.4 +1.3, 21 04 30.4 +1.1, 21 04 32.0 +1.4, 21 04 11.6 +0.4, 21 04 12.2 +0.5, 21 04 35.2 +0.4, 21 04 13.5 +1.4, 21 04 36.5 +1.0, 21 04 34.1 +1.0, 21 04 37.2 +1.2, 21 04 37.1 +1.0, 21 04 37.1 +1.1

Table with columns: SPN Mys Shipunski, 1.82 198 eP, 21 04 13.5 +0.3, 21 04 37.0 -0.4, 21 04 14.8 +1.4, 21 04 39.8 +2.1, 21 04 16.8 +1.3, 21 04 42.9 +1.7, 21 04 17.2 +1.6, 21 04 17.2 +1.3, 21 04 17.7 +1.7, 21 04 17.8 +1.6, 21 04 45.0 +2.3, 21 04 18.1 +1.8, 21 04 18.0 +1.2, 21 04 20.0 +1.4, 21 04 48.5 +1.4, 21 04 26.1 +0.6, 21 04 23.1 +1.7, 21 04 30.3 +1.4

MAN 24 21:29:40, 1796N-120:49E, h5km, mb4.2, ML3.0, MS2.7, 1D, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ABRA Dolores, 0.38 145 eP, 21 29 48.0 +0.7, 21 29 56.8 +1.4, 21 29 48.4 +0.9, 21 29 57.1 +1.6, 21 29 54.5 +0.5, 21 30 05.8 +0.2, 21 30 09.9 +0.5

ISC 24 21:40:23.0, 36°97'N-36°02'E, h24km, Md2.6, Error ellipse: s-maj=5.4km s-min=4.8km az=20.1
DDA 24 21:40:24.4, 36°94'N-36°05'E, h7km, Md2.8
CSEM 24 21:40:24.2, 36°97'N-35°98'E, h20km, Md2.6, Error ellipse: s-maj=4.3km s-min=3.7km az=89.0
ISC 24 21:40:23.8-1.0, 36°97'N-0°03:36:00E, 0.03, h17km, 9km, n22, c0843/34, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, CEYT Ceyhan, 0.20 281 eP, 21 40 29.3 +0.1, 21 40 29.3 +0.1, 21 40 34.1 -0.2, 21 40 34.1 -0.2, 21 40 34.6 -0.6, 21 40 42.8 -0.1, 21 40 35.5 -0.4, 21 40 45.1 +0.7, 21 40 35.5 -0.4, 21 40 35.5 -0.4, 21 40 36.5 +0.1, 21 40 36.5 +0.1, 21 40 36.4 -0.4, 21 40 48.1 -0.3, 21 40 37.6 +0.7, 21 40 48.2 -0.6, 21 40 37.6 +0.7, 21 40 48.2 -0.6, 21 40 39.9 -0.2, 21 40 57.0 -0.8, 21 40 39.5 0.0, 21 40 39.5 0.0, 21 40 39.7 +0.1, 21 40 39.7 +0.1, 21 40 40.7 -0.1, 21 40 53.0 +0.3, 21 40 53.0 +0.3, 21 40 41.2 0.0, 21 40 41.2 0.0, 21 40 42.1 0.0, 21 40 42.1 0.0, 21 40 42.0 0.0, 21 40 55.2 -0.4

ISCJB 24 21:44:15.9-0.9, 24°78'N-0°08:122°50E, 0.03, h19km, 14km, Error ellipse: s-maj=14.2km s-min=4.5km az=8.5

TAP 24 21:44:15.6, 24°73'N-122°52'E, h30km, 1km, ML2.5, C
JMA 24 21:44:15.6, 24°03'N-122°47'E, h16km
ISC 24 21:44:15.6, 11°42'N-106°122:49E, 0.03, h23km, 16km, n9, c0849/17, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, TWJ Santiao Chiao, 0.51 297 eS, 21 44 33.3 +0.4, 21 44 26.9 -0.1, 21 44 33.9 -0.8, 21 44 27.5 0.0, 21 44 36.4 +0.8, 21 44 29.1 -0.9, 21 44 41.5 0.0, 21 44 30.1 -0.1, 21 44 40.1 0.0, 21 44 35.0 +0.1, 21 44 48.0 0.0, 21 44 35.1 -0.2, 21 44 49.8 +0.3, 21 44 37.9 0.0, 21 44 54.0 +0.8, 21 44 39.1 -0.2, 21 44 55.9 +0.4

CSEM 24 21:55:37.1-1.3, 38°49'N-43°62'E, h2km, Md2.6, Error ellipse: s-maj=27.0km s-min=13.6km az=62.0
DDA 24 21:55:37.8, 38°38'N-43°52'E, h7km, Md2.6
ISC 24 21:55:37.5-1.4, 38°41'N-0°04:43:60E, 0.06, h1km, 13km, n12, c1556/20, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, TVAN Van, 0.19 309 I/S, 21 55 41.3 +0.1, 21 55 41.4 +0.1, 21 55 41.1 +0.3, 21 55 41.0 -1.3, 21 55 44.6 -0.8, 21 55 47.1 -0.8, 21 55 44.7 -0.8, 21 55 43.3 -1.5, 21 55 51.3 -0.1, 21 55 44.3 -1.5, 21 55 51.3 -0.1, 21 55 54.7 -0.8, 21 55 54.7 +0.8, 21 55 54.2 +0.4, 21 56 07.3 -2.8, 21 56 07.3 -2.8, 21 56 05.3 +2.8, 21 56 23.2 +2.2, 21 56 05.3 +2.8, 21 56 23.2 +2.2

NEIC 24 22:01:48.1, 15°93'N-98°97'W, h16km, MD4.1 (MEX), After MEX

MEX 24 22:01:48.1-0.8, 15°93'N-98°97'W, h16km, 15km, MD4.1, Off coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, SANN Sanguu, 1.03 265 P, 21 44 35.0 +0.1, 21 44 48.0 0.0, 21 44 35.1 -0.2, 21 44 49.8 +0.3, 21 44 37.9 0.0, 21 44 54.0 +0.8, 21 44 39.1 -0.2, 21 44 55.9 +0.4

Table with columns: P/NIG, Station 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.

IDC 24 22:08:29.2,0.5, 14.75Sx71.92W, h0km, mb4.2/17, mb1.4, 4/21, mb1mx4.4/37, mbtmp4.3/21, ML4, 1/4, MS4.2/22, Ms1.4, 2/22, ms1mx4.2/23, Error ellipse: s-maj=19.2km s-min=12.7km az=53.0

ISCJB 24 22:08:32.5,0.2, 14.76Sx71.75W, h0.04, h35km, mb4.9/84, MS4.3/18, Error ellipse: s-maj=6.5km s-min=3.9km az=149.6

NEIC 24 22:08:34.7, 1.0, 14.86Sx71.72W, h38km, 9km, mb5.0/72, Error ellipse: s-maj=10.2km s-min=6.0km az=72.0

NEIC Felt [I] at Espinar. GCMT 24 22:08:39.4,0.2, 14.82Sx71.89W, h27km, MW5.2/95, Moment Tensor Solution, s53,c72; s95,c138; Duration: 0. Moment tensor: Scale 10^19Nm; Mrr=0.925;23; Mtt=6.192;17; Mss=5.272;22; Mtr=0.292;30; Mts=1.016;16; Mts=0.542;43; Best double couple: M6.50000;1016; NP1=1.21,00000; s86,00000; lambda=5,00000; NP2: 0.211,00000; s85,00000; lambda=176,00000. Principal axes: T 6.9870, Plg1,0000; Azm166.0000; N -0.8510. Plg83,0000; Azm265.0000; P -6.1320, Plg6,0000. Azm76,0000; nsta2 refers to surface waves, cutoff=50s.

BUI 24 22:08:40.8, 14.43Sx71.49W, h58km, mb5.3/6, Ms5.4/5, Ms7.5/07

ISC 24 22:08:34.7,0.3, 14.88Sx71.80W, h0.06, h35km, n297, s=157/283, mb4.9/84, MS4.3/18, 2C, Central Peru

Main table with columns: Code, Station 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.

Main table with columns: SWET, Station 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.

Main table with columns: Q33A, Station 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.

24d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA4, TIC, SCHO, DBIC, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LZH, Chengdu, KMI, etc.

1204

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNGR, XNO, XNQ, etc.

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

ISC/JB 24 22:14:38.31.2, 12.0'N, 02:44.0'E, 0.1, h4km, mb3.7/5, Error ellipse: s-maj=39.6km s-min=9.4km az=153.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Furi, Kilima Mbogo, etc.

ISC 24 22:16:20.5, 36.95'N, 29.02'E, h12km, MD2.6 DDA 24 22:16:21.4, 36.95'N, 29.02'E, h7km, MD2.8

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

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

GUC 24 22:22:07.6, 0.6, 35.475'N, h42km, 3km, ML3.5, 1C-3D, Off coast of central Chile

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

ISK 24 22:36:49.8, 36.13'N, 35.97'E, h17km, MD2.6 ISC/JB 24 22:36:50.9, 0.5, 36.13'N, 02:35.8'E, 0.03, h12km, 3km

ISC 24 22:36:50.9, 0.9, 36.16'N, 02:35.93'E, 0.03, h14km, 6km, n42, n07275, Turkey

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

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

ISC/JB 24 22:39:58.3, 1.3, 11.6'N, 02:44.18'E, 0.08, h10km, mb3.5/11, MS3.1/1, Error ellipse: s-maj=31.4km

ISC 24 22:40:00.5, 1.1, 11.7'N, 02:44.12'E, 0.10, h10km, n17, n14015, mb3.6/11, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Furi, Kilima Mbogo, etc.

ISC/JB 24 22:48:29.5, 0.4, 35.62'N, 01:19.72'W, 0.01, h10km, 3km, mb4.9/2, MS2.9/1, Error ellipse: s-maj=2.0km s-min=1.9km

ISC 24 22:48:29.0, 0.8, 35.60'N, 09:19'W, h0km, mb3.5/1, mb1.3/3.7, ms1mx3.5/45, mbtmp3.6/7, ML3.2/6, MS3.3/3

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

ISC 24 22:48:30.2, 0.9, 35.62'N, 02:02:47.19'W, 0.02, h10km, 7km, n188, n142/219, Oklahoma

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

24d 23h

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like U34A Anderson Ranch, U34A Anderson Ranch, U34A Anderson Ranch, etc.

2010 NOV

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like Q35A Mercer Eighty, U29A Oasis Ranch, Q33A Connally Farm, etc.

1206

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like SWET Sewanee, SFIN Scholer Farm, SPMN St. Paul, etc.

25 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISP Isparta, KHL Karahalli, KHAL Karahalli, etc.

MEX 50:00:52:17.0-0.6, 18:22N-100:24W, h56km, 4km, MD3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARIG Puento Sto Nin, MEIG Mezcala, PLIG Platanillo, etc.

ISCJB 25:01:04:49.8-0.2, 63:11N-0:02:150:78W, 0:04, h134km, 2km, mb4.0/18, Error ellipse: s-maj=3.3km

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like TRF Thorofore Moun, KTH Kantishna Hill, etc.

ISC 25:01:04:50.9-0.6, 63:09N-0:03:150:82W, 0:04, h131km, 5km, n121, az=88/138, mb4.0/18, Central Alaska

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRF Thorofore Moun, KTH Kantishna Hill, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHIT Khitrov Hills, BALM Baldy, FOPK Fourpeaked Vol, etc.

KDAC 7.2nm, 0.3s, baz=56, slow=6.2, SNR=48

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

GUC 25:01:08:56.7-0.5, 38:59S-73:68W, h21km, 6km, ML4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSCH Puerto Saavedr, VLCH Valdivia, etc.

ISC 25:01:11:21.5-5.7, 4:53S-153:70E, h104km, 45km, mb3.5/8, mb1 3.8/9, mb1mx3.5/36, mbtmp3.9/9, MS3.3/1, Ms1 3.2/1, s-min=2.5/23, Error ellipse: s-maj=38.0km

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

ISC 25:01:14:56.1-6.2, 28:41S-177:83W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/26, mbtmp3.5/2, Error ellipse: s-maj=274.0km s-min=96.4km az=163.0, Kermadec Islands region

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

NEIC 25:02:04:20.1, 51:36N-175:18W, h22km, ML3.0(AEIC), After AEIC, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSMY Great Sitkin M, GSKC Great Sitkin C, etc.

1212

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOWE Koroiv Volcan, KOKV Korovin Southe, etc.

ISC 25:02:04:33.6-0.9, 43:78N-128:52W, h0km, mb3.9/11, mb1 4.1/18, mb1mx4.0/45, mbtmp3.9/18, ML3.6/7, MS3.5/14, Ms1 3.5/14, ms1mx3.3/35, Error ellipse: s-maj=23.7km s-min=10.7km az=42.0

BUI 25:02:04:36.0, 43:80N-127:90W, h10km, mb4.8/11, mBS2/8, MS5.2/2, Ms7 4.8/2

ISCJB 25:02:04:37.6-0.3, 43:96N-128:15W, 0:04, h10km, mb4.4/37, MS3.4/8, Error ellipse: s-maj=4.2km s-min=2.9km az=147.4

NEIC 25:02:04:37.5-0.4, 43:90N-128:34W, h10km, mb4.6/38, Error ellipse: s-maj=6.1km s-min=3.6km az=45.0

NEIC 25:02:04:38.1-0.7, 43:86N-128:19W, 0:07, h10km, n352, l1543/325, mb4.6/39, MS3.8/6, 6C-7D, Off coast of Oregon

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEEM Edison Butte, HUBO Mount Hobe, etc.

25d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CONA, ABTA, MKAR, WMQ, WMQ, LZH, KSH, KMI, KMI.

IDC 25 02:25:48.0:11.0, 24:00S, 179.84E, h443km, 142km, mb3.1/4, mb1 3.4/5, mb1mx3.1/2.1, mbtmp4.0/5, Error ellipse: s-maj=79.9km s-min=29.0km az=6.0

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

CASC 25 02:46:23.6:2.9, 5.39N, 82.68W, h18km, 75km, MD4.3, 3C-4D, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AZU, BRUZ, CTRC, QCR, BUC, ZANG, CGA2, JCR, JTS.

NNC 25 02:54:17.3:5.7, 37.58N, 71.98E, h0km, mb3.7, mpv3.4, 3C-3D, Error ellipse: s-maj=46.8km s-min=20.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZET, MNAS, MNAS, KK31, AB31.

IDC 25 02:54:37.8:2.1, 52.50N, 170.02W, h0km, mb3.6/5, mb1 3.9/7, mb1mx3.6/4.5, mbtmp3.7/7, ML3.3/2, Error ellipse: s-maj=50.5km s-min=26.1km az=3.0

ISCJB 25 02:54:40.9:1.4, 52.3N, 0.2:170.2W, 0.2, h44km, mb3.5/5, Error ellipse: s-maj=32.3km s-min=16.2km az=173.1

ISC 25 02:54:43.5:1.7, 52.5N, 0.3:170.1W, 0.1, h44km, n11, az=0547/8, mb3.5/5, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KDAA, ILAR, PETK, INK, YKA, H1S1, H1S2, H1S3, PDAR, TXAR, ARCES.

ISCJB 25 02:56:27.1:0.6, 0.74N, 0.06:125.96E, 0.06, h44km, mb3.9/8, Error ellipse: s-maj=8.8km s-min=8.0km az=161.7

DJA 25 02:56:28.8:0.4, 1.1N, 6.12E, h10km, M4.2/9, mb3.4/5.2, mb5.0/1, MLV4.0/9, Mw(MB)4.3/1

IDC 25 02:56:30.1:3.0, 0.70N, 125.75E, h63km, 29km, mb3.6/8, mb1 3.7/10, mb1mx3.5/6, mbtmp3.9/10, ML3.6/2, Error ellipse: s-maj=38.8km s-min=13.3km az=76.0

ISC 25 02:56:28.7:0.7, 0.76N, 0.08:125.93E, 0.06, h44km, n22, az=194/23, mb3.9/8, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNTI, KMSI, KMSI, LEMI, GTOI, LUVU, MRSI, AFSI, DAV, TTSI, BKSI.

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Table with columns: KAPI, BSSI, FITZ, WRA, ASAR, ASAR, STKA, USRK, SONM, MKAR, ZALV, ILAR. Includes station names and coordinates.

ISK 25 03:03:06.5, 36.74N, 29.69E, h5km, MD2.4, CSEM 25 03:03:07.0:4.0, 36.73N, 29.66E, h2km, MD2.6, Error ellipse: s-maj=13.4km s-min=9.0km az=166.0

ISCJB 25 03:03:08.1:0.8, 36.80N, 0.06:29.62E, 0.07, h23km, Error ellipse: s-maj=8.4km s-min=7.6km az=135.4

DDA 25 03:03:08.3, 36.80N, 29.50E, h7km, MD2.6, Error ellipse: s-maj=13.4km s-min=9.0km az=166.0

ISC 25 03:03:07.9:1.0, 36.72N, 0.04:29.74E, 0.04, h23km, n13, az=224/19, Turkey

Table with columns: ELL, ELL, GLHS, GLHS, AKAS, AKAS, AKAS, AKAS, KORT, KORT, KORT, KORT, DALY, DALY, DALY, DALY, TURN, TURN. Includes station names and coordinates.

SJA 25 03:03:43.8:0.8, 23.39S, 66.74W, h234km, 13km, ML3.7, Error ellipse: s-maj=13.0km s-min=11.7km az=11.0

ISCJB 25 03:03:44.7:0.3, 23.38S, 0.04:66.76W, 0.04, h196km, mb4.0/12, Error ellipse: s-maj=6.5km s-min=4.2km az=28.4

IDC 25 03:03:45.2:0.8, 23.36S, 66.67W, h187km, 8km, mb3.7/10, mb1 3.8/15, mb1mx3.7/27, mbtmp4.2/15, Error ellipse: s-maj=13.0km s-min=11.7km az=11.0

GUC 25 03:03:47.1:0.7, 23.34S, 67.18W, h232km, 21km, ML5.0, Error ellipse: s-maj=13.0km s-min=11.7km az=11.0

ISC 25 03:03:45.6:0.5, 23.40S, 0.06:66.84W, 0.05, h196km, n38, az=124/47, mb4.0/12, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HJA, HJA, YJA, YJA, YJA, YJA, AZAP, LVC, LVC, LVC.

ASTB Santa Barbara 2.23 105 i P Pn 03 04 27.4 +0.9

IPOC Station P 2.61 285 e P Pn 03 04 32.2 +1.5

comp=N,2um,0.3s 2.79 165 i P Pn 03 04 33.6 +0.8

IPOC Station P 3.27 300 e P Pn 03 05 19.7 -0.8

comp=N,1um,0.5s 3.42 267 e P Pn 03 05 20.8 +0.1

IPOC Station P 3.42 267 e P Pn 03 05 21.2 -1.2

comp=N,2um,1.8s 3.64 158 i P Pn 03 04 43.0 +0.2

Horco Molle 7.17 350 P Pn 03 05 30.1 +1.3

La Paz 1.2nm,0.3s,baz=154,slo=4.6,SNR=48 03 06 48.0 -2.5

CFAA Coronel Fontan 8.27 188 P Pn 03 05 41.4 -1.1

CFAA comp=N,0.1nm,0.3s,baz=3.9,slo=5.2,SNR=30 03 07 07.0 -8.5

CPUP Villa Florida 9.12 111 P Pn 03 05 51.9 -1.6

SIV San Ignacio 9.15 37 P Pn 03 05 52.8 -1.2

SIV comp=N,3.5nm,0.3s,baz=225,slo=13,SNR=49 03 07 29.0 -7.5

PLCA Paso Flores 9.27 189 P Pn 03 07 38.0 -0.7

BDFB Brasilia 19.33 70 P Pn 03 07 56.5 0.0

PTGA Ping 23.50 17 P Pn 03 08 37.5 -0.5

RCBR Riachuelo 34.53 64 P Pn 03 10 15.4 -0.3

VNA3 Neumayer Oymy 57.67 161 P Pn 03 13 15.8 +0.6

VNA2 Neumayer-Watz 58.23 161 P Pn 03 13 19.3 +0.2

SNA4 Sanja 59.87 161 P Pn 03 13 29.7 -0.6

TXAR Lajitas Array 63.28 324 P Pn 03 13 54.7 +1.0

comp=N,0.5nm,0.7s,baz=152,slo=7.7,SNR=6.9 03 14 18.0 -0.6

LIC Lamto 67.11 72 e P Pn 03 14 18.8 -1.8

KIC Kusan Boka 67.42 72 e P Pn 03 14 19.4 -1.5

BIB Dimbora 67.47 72 P Pn 03 15 11.6 -1.3

TOAO Torodi Ar. Sit 76.21 69 e P Pn 03 15 11.6 -1.3

TORD Torodi Ar. Be 76.21 69 e P Pn 03 15 11.6 -1.3

PLCA Pinedale Array 76.71 329 P Pn 03 15 26.0 +0.7

NVAR Mina Array 78.16 321 P Pn 03 15 24.0 +1.1

BOSA comp=N,0.5nm,0.7s,baz=152,slo=4.6,SNR=4.4 03 15 37.4 -1.0

ESDC Sonsea Array 85.86 44 P Pn 03 16 03.4 +0.1

YKA Yellowknife Ar 93.61 340 P Pn 03 16 39.5 +0.5

1214

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZET, DZET, MNAS, MNAS, KK31, KK31, AAK, AAK, AAK, AAK, AB31, AKTO.

ISCJB 25 03:17:04.6:0.4, 49.97N, 0.03:18.47E, 0.03, h0km, Error ellipse: s-maj=4.3km s-min=2.4km az=13.9

IPEC 25 03:17:05.8:0.2, 50.01N, 18.57E, h0km, 2km, ML2.1/3, Error ellipse: s-maj=2.2km s-min=1.1km az=160.0

CSEM 25 03:17:06.0:0.2, 49.96N, 18.50E, h2km, ML3.0/11, Error ellipse: s-maj=4.6km s-min=2.4km az=11.0

PRU 25 03:17:06.9, 49.98N, 18.49E, h0km, ml2.4/4, Error ellipse: s-maj=4.3km s-min=2.0km az=109.0

Suspected Mining induced. ISC 25 03:17:05.4:0.8, 49.97N, 0.03:18.54E, 0.02, h0km, n42, az=099/76, 4C, Czech and Slovak Republics

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

OJC Ojcow 0.85 72 e P Pn 03 17 21.6 0.0

OJC Ojcow 0.85 72 e P Pn 03 17 21.6 0.0

LANS Liptovska Anna 1.02 143 e P Pn 03 17 25.8 -0.1

LANS Liptovska Anna 1.02 143 e P Pn 03 17 25.8 -0.1

KRALC Kralicy 1.14 276 e P Pn 03 17 27.8 +0.5

KRALC Kralicy 1.14 276 e P Pn 03 17 27.8 +0.5

NIE Niedzica 1.27 115 e P Pn 03 17 42.5 +0.1

VRAC Vranov baz=61 1.43 243 e P Pn 03 17 51.4 +0.1

DPC Dobruska-Polom 1.48 286 e P Pn 03 17 33.5 +0.2

DPC Dobruska-Polom 1.48 286 e P Pn 03 17 33.5 +0.2

VYHNS Vyhne 1.49 172 e P Pn 03 17 34.2 +0.2

VYHNS Vyhne 1.49 172 e P Pn 03 17 34.2 +0.2

KRUC Moravsky 1.67 238 e Pn 03 17 36.8 -0.2

KRUC Moravsky 1.67 238 e Pn 03 17 36.8 -0.2

KSP Ksiaz 1.68 302 e P Pn 03 17 59.1 +0.5

KSP Ksiaz 1.68 302 e P Pn 03 17 59.1 +0.5

UPC Upice 1.71 289 e P Pn 03 17 38.1 +0.4

UPC Upice 1.71 289 e P Pn 03 17 38.1 +0.4

STHS Stebnicka Huta 1.84 107 e Pn 03 17 40.7 +0.1

STHS Stebnicka Huta 1.84 107 e Pn 03 17 40.7 +0.1

TREST Trest 2.10 252 e Pn 03 18 11.4 +0.5

TREST Trest 2.10 252 e Pn 03 18 11.4 +0.5

CRVS Cervenica-Dubn 2.19 118 e Pn 03 17 47.0 -0.2

CRVS Cervenica-Dubn 2.19 118 e Pn 03 17 47.0 -0.2

GOPC GO Pecny, Ondr 2.43 270 e Pn 03 18 15.2 +1.1

GOPC GO Pecny, Ondr 2.43 270 e Pn 03 18 15.2 +1.1

GOPC comp=N,2.4nm,0.2s 2.43 270 P Pn 03 17 51.0 +1.1

GOPC comp=N,0.6nm,0.2s 2.43 270 P Pn 03 18 22.0 +1.6

PRU Pruhonice 2.58 272 e Pn 03 18 26.9 +2.1

PRU Pruhonice 2.58 272 e Pn 03 18 26.9 +2.1

PVCC Panska Ves 2.61 284 e Pn 03 18 28.9 -0.4

PVCC Panska Ves 2.61 284 e Pn 03 18 28.9 -0.4

KOLS Kolonicke sedl 2.65 112 e P Pn 03 17 57.0 +0.9

KOLS Kolonicke sedl 2.65 112 e P Pn 03 17 57.0 +0.9

CONA Conrad Observa 2.70 222 i Pn 03 17 49.7 -0.5

CONA Conrad Observa 2.70 222 i Pn 03 17 49.7 -0.5

BRG Berggiesshubel 3.00 289 P Pn 03 18 03.5 -0.9

BRG Berggiesshubel 3.00 289 P Pn 03 18 03.5 -0.9

KHC Kasperke Hory 3.34 257 e P Pn 03 18 08.1 -1.3

KHC Kasperke Hory 3.34 257 e P Pn 03 18 08.1 -1.3

KHC KHC 3.34 257 e P Pn 03 18 07.7 -2.0

KHC KHC 3.34 257 e P Pn 03 18 07.7 -2.0

MOA Molln 3.53 235 P Pn 03 18 57.8 -1.0

MOA Molln 3.53 235 P Pn 03 18 57.8 -1.0

SJA 25 03:27:27.4:0.7, 32.30S, 70.27W, h123km, 8km, ML4.9, Error ellipse: s-maj=5.4km s-min=3.6km az=24.6

GUC 25 03:27:29.4:0.7, 32.14S, 70.84W, h105km, 8km, ML5.2, BUI 25 03:27:30.1, 32.07S, 70.20W, h90km, mb5.1/5, IDC 25 03:27:30.8:0.4, 32.13S, 70.20W, h106km, 3km, mb4.6/15, mb1 4.6/17, mb1mx4.5/24, mbtmp4.9/17, MS3.5/6, Ms1 3.5/6, ms1mx3.2/27, Error ellipse: s-maj=11.0km s-min=7.4km az=163.0

ISC 25 03:27:30.2:0.3, 32.22S, 0.04:70.26W, 0.04, h105km, 2km, h105km, pp-P, n615, az=086/672, mb5.0/116, 7C-1D, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
AUSP	Uspallata	0.74	91	i	P	03 27 48.5	-0.2
RTLS	Leonico	0.92	63	i	P	03 27 50.3	-0.1
ROCH	El Roble	0.98	220	e	P	03 27 50.6	-0.6
ROCH				e	S	03 28 06.3	-0.6
ROCH				e	S	03 28 08.1	
PEL	Peidhehue	0.99	201	e	P	03 27 50.7	-0.3
PEL				e	S	03 28 06.6	-0.1
PEL				e	S	03 28 08.0	
ROCI	El Roble	0.99	220	i	P	03 27 50.2	-1.0
ROCI				i	S	03 28 06.8	-0.2
SAN	Santiago	1.28	195	e	P	03 27 54.3	+0.1
SAN				e	S	03 28 02.7	+0.4
RCDM	Rinconada Maip	1.35	200	e	P	03 27 55.0	0.0
RCDM				e	S	03 28 14.0	+0.3
RCDM				e	S	03 28 15.1	
ANTU	Antumapu	1.38	193	e	P	03 27 55.7	+0.3
ANTU				e	S	03 28 15.4	+0.9
ANTU				e	S	03 28 17.6	
RTCV	Cerro Valdivia	1.50	77	i	P	03 27 56.3	-0.5
TACH	Talagante	1.54	202	e	P	03 27 56.6	-0.7
SJA	San Juan	1.60	65	i	P	03 27 57.4	+0.2
SJA				i	S	03 28 20.2	+1.1
CHCH	Chadas Angosto	1.74	191	e	P	03 27 59.7	-0.1
RTLL	Cerro Villucun	1.76	60	i	P	03 27 59.3	-0.7
CFAA	Coronel Fontan	1.82	71	i	P	03 28 00.6	-0.2
CFAA				i	S	03 28 23.6	-0.5
CFAA				i	S	03 28 33.3	
CFAA				i	S	03 28 00.4	-0.3
CFAA				i	S	03 28 24.2	+0.1
AMOG	MOGNA	1.97	50	i	P	03 28 02.3	-0.4
TLL	Tololo Astrono	2.10	347	e	P	03 28 03.3	-1.2
TLL				e	S	03 28 28.9	-1.8
TLL				e	S	03 28 41.4	
CHPI	Pichilemu	2.61	214	e	P	03 28 08.2	-2.7
CHPI				e	S	03 28 38.3	-3.9
AVFE	Valle Fertil	2.85	58	i	P	03 28 13.5	-0.8
AVFE				i	S	03 28 48.4	+0.3
AVFE				i	S	03 28 50.7	
NICH	Los Niches	2.98	196	e	P	03 28 13.9	-0.8
NICH				e	S	03 28 47.6	-1.2
LCO	Las Campanas	3.22	353	e	S	03 28 47.4	-1.9
LCO				e	S	03 28 46.8	-1.1
PLCA	Paso Flores	8.50	182	i	P	03 29 28.9	-1.5
TRQA	Tornquist	8.93	133	e	P	03 29 34.5	-1.8
TRQA				e	S	03 29 41.0	-5.3
LVC	Limon Verde	9.64	7	i	P	03 29 41.0	-5.3
LVC				i	S	03 34 48.7	
LPA	La Plata	10.63	108	e	P	03 29 57.0	-2.3
CPUP	Villa Florida	12.71	66	i	P	03 30 22.5	-4.7
CPUP				i	S	03 35 15.3	
CPUP				i	S	03 30 22.2	-5.0
CPUP				i	S	03 31 08.2	-1.4
LPAZ	La Paz	15.98	7	i	P	03 31 09.3	-0.2
LPAZ				i	S	03 31 09.3	-0.2
SIV	San Ignacio	18.18	29	i	P	03 31 32.5	-2.3
SIV				i	S	03 40 11.0	
EFI	East Falkland	21.40	159	e	P	03 32 08.2	-1.0
SAML	Samuel	24.07	17	e	P	03 32 35.7	-0.1
BDFB	Brasilia	26.10	56	i	P	03 32 53.2	-1.2
BDFB				i	S	03 32 53.3	-1.1
PTGA	Pitinga	32.79	19	e	P	03 33 52.5	-1.0
PTGA				e	S	03 34 17.0	-0.1
PTGA				e	S	03 33 51.9	-1.6
PTGA				e	S	03 34 17.0	-0.1
PMSA	Palmer Station	32.81	175	i	P	03 33 53.8	+0.7
OTAV	Otavalo	33.20	345	e	P	03 34 00.0	+2.4
ROSC	El Rosal	37.07	353	i	LR	03 50 53.8	
ROSC				i	S	03 34 33.2	+2.5
TGUH	Tegucigalpa, Un	48.81	338	e	P	03 36 05.2	+0.3
ICMP	Isla Caja de M	49.95	5	e	P	03 36 11.2	-2.2
CRPR	Cabo Rojo, PR	50.03	4	e	P	03 36 12.9	-1.1
OBIP	Obispado Ponce	50.10	5	e	P	03 36 13.4	-1.2
CELP	Cerrillos	50.13	5	e	P	03 36 14.3	-0.5
SJG	San Juan	50.20	5	e	P	03 36 12.3	-3.0
VNA3	Neumayer Olymp	50.45	159	i	P	03 36 17.6	+0.9
VNA1	Neumayer-Stat	50.73	158	i	P	03 36 20.0	+1.2
VNA2	Neumayer-Watz	51.08	158	i	P	03 36 22.4	+1.0
SNA4	Sanae	52.68	158	i	P	03 36 33.1	-0.3
SNA4				i	S	03 36 34.1	+0.8
SNA4				i	S	03 36 32.5	-0.8
QSPA	South Pole Qui	58.01	180	i	P	03 37 13.1	+1.3
035Z	Hargill	64.09	332	i	P	03 37 55.1	+2.1
035A	Encino	64.53	332	i	P	03 37 57.9	+2.0
034A	Hebbornville	64.88	332	i	P	03 37 59.9	+1.7
SBA	Scott Base	65.11	191	e	P	03 38 01.1	+2.0
934A	Benavides	65.29	332	i	P	03 38 02.5	+1.7
933A	Laredo	65.60	332	i	P	03 38 04.4	+1.6
835A	Beeville	65.64	333	i	P	03 38 04.5	+1.5
834A	Tilden	65.77	333	i	P	03 38 05.4	+1.5
736A	Circle Diamond	65.96	334	i	P	03 38 06.8	+1.7
637A	Eagle Lake	66.13	335	i	P	03 38 08.0	+1.9
VNDA	Vanda	66.13	191	e	P	03 38 07.7	+2.1
VNDA				e	S	03 38 07.6	+2.0
735A	Kenedy	66.14	334	i	P	03 38 07.7	+1.5
833A	Chaparral WMA	66.28	332	i	P	03 38 08.1	+1.0
734A	La Parita Cree	66.42	333	i	P	03 38 09.2	+1.1
HKT	Hockley	66.42	336	e	P	03 38 08.0	+0.1
636A	Smothers Creek	66.43	335	i	P	03 38 09.2	+1.1
832A	Faith Ranch, C	66.48	332	i	P	03 38 09.0	+0.6
733A	Divot King Ran	66.59	332	i	P	03 38 09.6	+0.5
635A	Leesville	66.61	334	i	P	03 38 09.7	+0.5
537A	Green Hill Far	66.71	336	i	P	03 38 10.7	+0.9
634A	China Grove, S	66.82	333	i	P	03 38 11.7	+1.1
732A	Laxson Ranch,	66.87	332	i	P	03 38 11.8	+0.8
VBMS	Vicksburg	66.89	341	i	P	03 38 12.1	+1.1

VBMS	Vicksburg	66.89	341	e <th>P <th>03 38 11.6</th> <th>+0.7</th> </th>	P <th>03 38 11.6</th> <th>+0.7</th>	03 38 11.6	+0.7
SYO	SYO	66.97	158f	e	P	03 38 09.4	-1.6
SYO	SYO	66.97	158f	e	P	03 38 37.5	-1.2
536A	Bastrop	66.97	335	i	P	03 38 12.5	+1.0
535A	Dale	67.11	334	i	P	03 38 13.0	+0.6
340A	Bronson	67.13	338	i	P	03 38 13.4	+0.9
633A	Saathoff Ranch	67.21	333	i	P	03 38 13.6	+0.6
339A	Huntington	67.26	338	i	P	03 38 14.0	+0.6
534A	Blanco	67.45	334	i	P	03 38 14.8	+0.2
632A	Uvalde	67.49	332	i	P	03 38 15.5	+0.7
436A	Wall Ranch, Ga	67.51	335	i	P	03 38 15.4	+0.5
338A	Crockett	67.53	337	i	P	03 38 16.2	+1.1
337A	Centerville	67.69	336	i	P	03 38 17.3	+1.2
533A	Kerrville	67.70	333	i	P	03 38 16.6	+0.4
631A	Perdido Creek	67.72	332	i	P	03 38 16.2	0.0
435A	Jarrell	67.80	335	i	P	03 38 17.2	+0.5
KMSC	Kings Mountain	67.81	350	i	P	03 38 16.6	-0.1
239A	Gary	67.87	338	i	P	03 38 17.9	+0.8
434A	Burnet	68.08	334	i	P	03 38 19.0	+0.5
336A	Riesel	68.08	336	i	P	03 38 18.9	+0.4
532A	Rocksprings	68.09	332	i	P	03 38 19.0	+0.4
335A	Moody	68.19	335	i	P	03 38 19.6	+0.4
237A	Washetta, Mont	68.29	337	i	P	03 38 20.5	+0.8
433A	Art	68.33	333	i	P	03 38 20.4	+0.3
JCT	Junction City	68.36	333	i	P	03 38 20.7	+0.4
JCT	Junction City	68.36	333	e	P	03 38 20.6	+0.3
531A	Rocksprings	68.37	332	i	P	03 38 21.1	+0.7
236A	Katherine and	68.53	336	i	P	03 38 21.8	+0.5
334A	Lometa	68.53	334	i	P	03 38 21.9	+0.6
CPCT	Cooper Cave	68.63	348	e	P	03 38 21.0	-0.9
138A	Matlatl Enter	68.66	338	i	P	03 38 22.7	+0.6
530A	J-C Ranch, Com	68.68	331	i	P	03 38 23.0	+0.7
SWET	Seawane	68.68	346	e	P	03 38 23.5	-0.7
TKL	Tulechee C	68.70	348	e	P	03 38 21.2	-1.1
432A	Menard	68.71	333	i	P	03 38 22.5	+0.1
OXF	Oxford	68.78	343	e	P	03 38 22.0	-0.8
333A	Riland Sprin	68.80	334	i	P	03 38 23.0	0.0
137A	Heron Place, G	68.82	337	i	P	03 38 23.6	+0.5
WHXT	Lake Whitney	68.85	335	i	P	03 38 23.4	+0.2
WHXT	Lake Whitney	68.85	335	e	P	03 38 23.4	+0.2
431A	Sonora	68.85	332	i	P	03 38 23.6	+0.2
TX31	Lajitas Ar. Si	68.95	329	e	P	03 38 24.7	+0.6
TXAR	Lajitas Array	68.95	329	i	P	03 38 24.7	+0.6
136A	Ennis	68.97	336	i	P	03 38 24.4	+0.4
529A	Stev Forest Ra	69.02	331	i	P	03 38 24.8	+0.4
234A	Clairette	69.10	335	i	P	03 38 25.0	+0.1
332A	Millersview	69.14	333	i	P	03 38 25.1	0.0
Z38A	Mt. Pleasant	69.17	338	i	P	03 38 25.7	+0.5
430A	Baggett Ranch	69.20	332	i	P	03 38 25.9	+0.4
429A	Davenport Ran	69.32	331	i	P	03 38 27.1	+0.8
237A	Popue Cattle C	69.33	337	i	P	03 38 26.5	+0.3
331A							

25d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANMO Albuquerque, S30A Montana, Q34A Chapman, etc.

2010 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OGNE Ogallala, I38A Scanlon Farm, L31A Butterfield Fa, etc.

1216

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K22A Casper, G29A Hoven, LB7B Lobates, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like ODZ Otahua Downs, B25A Knox Farm, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes entries like KURBB, KURK Kurchatov, TKM2 Tokmak 2, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like MJAR Matushiro Arr, MAJO Matushiro, MAJZO Matushiro, etc.

25d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, PETK, LZH, CM01, CMAR, etc.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZALV, HYB, NVS, KURK, etc.

1218

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA, WDC, K04D, etc.

Table with columns: TXAR, Lajitas Array, 56.74 11 P, P, 04 05 18.2 +0.7, etc.

IDC 25 03:57:53.9.2.8, 3.04S:100.24E, h0km, mb3.9/7, m-bj=1.20,0km s-min=17.3km az=58.0, DJA 25 03:57:56.6.1.0, 3.59S x 10 0E, h29km, 4km, M4, 1/8, mb4, 1/1, ML4/4

ISC 25 03:57:58.2.0.8, 2.90S:070.100.28E:0.06, h27km, n27, c1541/24, mb3.9/7, Southern Sumatera

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

NEIC 25 04:01:15.7, 36.04N:117.78W, h2km, ML3.7(PAS), After PAS

ISCJB 25 04:01:16.0.0.2, 36.03N:011.177.76W:0.02, h10km, mb3.5/2, Error ellipse: s-maj=2.2km s-min=2.0km az=29.3

IDC 25 04:01:16.2.0.8, 36.06N:117.57W, h0km, mb3.6/2, mb1 3.8/6, mb1mx3.4/6, mbtmp3.4/6, MS2.3/4, MS2.9/3, Ms1 3.0/3, ms1mx2.6/42, Error ellipse: s-maj=20.6km s-min=5.5km az=75.0

ISC 25 04:01:16.0.0.7, 36.04N:011.177.76W:0.02, h10km, n60, c1558/111, California-Nevada border region

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

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

IDC 25 04:03:47.0.2.0, 25.99S:177.47W, h0km, mb3.9/3, mb1 4.4/5, mb1mx3.8/32, mbtmp4.3/5, ML4.9/2, Error ellipse: s-maj=43.1km s-min=27.1km az=80.0, South of Fiji Islands

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

0.9nm, 0.6s, baz=5.7, slow=7.0, SNR=6.3

IDC 25 04:05:51.8.6.0, 12.72N:121.98E, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.7/41, mbtmp4.1/7, Error ellipse: s-maj=121.2km s-min=53.2km az=155.0, ISCJB 25 04:06:18.0.0.6, 13.80N:108.120.8E:0.1, h150km, mb3.9/7, Error ellipse: s-maj=20.7km s-min=9.3km, MAN 25 04:06:22, 13.55N:120.53E, h100km, mb4.3, ML3.2, MS3.0

ISC 25 04:06:19.5.0.9, 13.78N:101.120.7E:0.1, h150km, n14, c1522/15, mb3.9/7, 1C, Mindoro

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

ISC 25 04:09:28.8.0.7, 7.45S:0.06:129.73E:0.07, h105km, mb3.7/4, Error ellipse: s-maj=10.3km s-min=8.2km az=172.3

IDC 25 04:09:29.4.2.2, 7.44S:129.72E, h136km, 22km, mb3.5/4, mb1 3.5/8, mb1mx3.4/27, mbtmp3.9/8, Error ellipse: s-maj=23.0km s-min=17.7km az=82.0

AUST 25 04:09:45.8.8.47S:130.06E, h200km, ISC 25 04:09:30.5.0.8, 7.43S:0.08:129.73E:0.09, h150km, n13, c1533/14, mb3.7/4, Banda Sea

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

ISK 25 04:11:37.9, 39.59N:28.11E, h6km, MD2.1

ISCJB 25 04:11:38.5.0.6, 39.59N:0.05:28.03E:0.05, h15km, 6km, Error ellipse: s-maj=10.1km s-min=5.4km az=29.0

DDA 25 04:11:38.5, 39.57N:28.02E, h7km, MD2.6

CSEM 25 04:11:38.8.0.2, 39.58N:28.05E, h5km, MD2.1, Error ellipse: s-maj=5.6km s-min=3.1km az=42.0

ISC 25 04:11:38.5.1.1, 39.59N:0.04:28.05E:0.04, h15km, 8km, c1544, 0531/24, Turkey

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

IGQ 25 04:19:34.1.2, 0.68N:80.08W, h8km, 65km, Mb4.9, Error ellipse: s-maj=7.1km s-min=2.6km az=19.8

MOS 25 04:19:35.8.1.5, 0.49N:79.97W, h10km, mb5.3/31, Error ellipse: s-maj=11.4km s-min=5.8km az=109.3

ISCJB 25 04:19:37.8.0.1, 0.52N:0.02:80.01W:0.02, h17km, mb5.0/144, MS4.6/22, Error ellipse: s-maj=4.3km s-min=1.9km az=136.5

GMCT 25 04:19:41.4.0.2, 0.43N:80.07W, h26km, MW5.4/94, Moment Tensor Solution. s79,c120; s94,c156; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn:0.60:02; Mm:0.06:01; Mtt:0.66:02; Mn-0.02:03; Mm-0.46:01; Mtt-1.11:05; Best double couple: Mn:1.35500x10^17 Np:1.640000x10^17; 0.75:0000; 0.72:0000; NP2:54.0000; 82.9:0000; 1.138:0000; Principal axes: T:1.2890, P:1.675:0000; Azm:71.0000; N:0.1330, P:1.7:0000; Azm:188.0000; P:1.4220, P:1.2890:0000; Azm:288.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 25 04:19:41.4.0.9, 0.44N:79.92W, h43km, 8km, mb5.1/102, MD4.6(GQ) Error ellipse: s-maj=7.8km s-min=5.1km az=222.0

NEIC Felt at Bahia de Caraquez, Muisne, Fedemales and Samborombon

IDC 25 04:19:43.4.2.6, 0.45N:79.88W, h57km, 23km, mb4.2/20, mb1 4.2/23, mb1mx4.3/22, mbtmp4.5/23, ML3.7/3, MS4.6/22, mb1 4.7/22, ms1mx4.6/25, Error ellipse: s-maj=19.4km s-min=10.2km az=57.0

BJI 25 04:19:43.0.0.40N:79.80W, h45km, mb5.5/9, Ms5.4/14, Ms7.5/14

ISC 25 04:19:38.3.0.3, 0.42N:0.04:79.98W:0.03, h17km, n655, c1528/652, mb5.1/148, MS4.7/22, 10C-22D, Near coast of

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

25d 4h

S31A	Mullinville	41.15 336	P	P	04 27 23.6 +1.8
R33A	Olander Ranch,	41.17 338	P	P	04 27 23.3 +1.3
121A	Cookes Peak, D	41.31 323	P	P	04 27 25.0 +1.6
121A	Cookes Peak, D	41.31 323	eP	P	04 27 23.2 -0.2
Q34A	Chapman	41.35 340	P	P	04 27 24.4 +1.0
KSU1	Kansas State U	41.40 340	P	P	04 27 24.9 +1.1
T29A	Hugoton	41.52 334	P	P	04 27 26.3 +1.3
R32A	Long Quarter,	41.55 338	P	P	04 27 26.0 +0.9
S30A	Montezuma	41.57 335	P	P	04 27 26.2 +0.9
P35A	Duane Minner,	41.59 341	P	P	04 27 26.1 +0.7
Q33A	Connelly Farm,	41.73 339	P	P	04 27 27.0 +0.5
TRQA	Tornquist	41.74 158	eP	P	04 27 26.1 -0.5
BINY	Binghamton	41.74 4 eP	P	P	04 27 27.5 +0.9
R31A	Burdett	41.75 337	P	P	04 27 27.6 +0.9
BNM	Barren Site	41.81 326	eP	P	04 27 27.9 +2.2
S29A	Ulysses	41.83 335	P	P	04 27 29.0 +1.5
PLCA	Paso Flores	41.85 169	P	P	04 43 28.1 +0.5
PLCA	Walnut Farm, R	41.87 340	P	P	04 27 29.5 +1.8
P34A	Los Pinos Moun	41.93 326	eP	P	04 27 28.4 -0.1
N38A	Joes South For	41.95 345	P	P	04 27 28.9 +0.6
Q32A	Mellier Ranch,	41.99 338	P	P	04 27 28.9 +0.2
R30A	Dighton	42.04 336	P	P	04 27 30.3 +1.1
S28A	Manter	42.15 334	P	P	04 27 31.5 +1.4
N37A	Lee Faris, Mou	42.17 344	P	P	04 27 30.5 +0.3
CBKS	Cedar Bluff	42.28 337	eP	Pmax	04 27 29.0 -2.1
CBKS	Cedar Bluff	42.28 337	P	Pmax	04 27 32.7 +1.6
CBKS	Cedar Bluff	42.28 337	eP	P	04 27 29.0 -2.1
LAZ	Ladron	42.28 326	eP	P	04 27 29.7 -1.7
ANMO	Albuquerque	42.31 337	P	Pmax	04 27 33.1 +1.5
ANMO	Albuquerque	42.31 327	eP	Pmax	04 27 33.4 +1.8
Q31A	Ellis	42.31 337	P	P	04 27 32.1 +0.8
O34A	Beatrice	42.40 341	P	P	04 27 32.6 +0.6
R29A	Marienthal	42.52 335	P	P	04 27 33.9 +0.8
M38A	Pleasantville	42.52 345	P	P	04 27 33.4 +0.5
P32A	Huizing Farm,	42.56 339	P	P	04 27 34.4 +1.0
Q33A	Hebron	42.60 340	P	P	04 27 34.6 +0.9
Q30A	Quinter	42.61 337	P	P	04 27 35.1 +1.2
R28A	Tribune	42.74 334	P	P	04 27 35.9 +1.0
P31A	Stockton	42.76 338	P	P	04 27 35.3 +0.4
Q29A	Oakley	42.85 336	P	P	04 27 36.7 +1.0
N34A	Lincoln	42.93 342	P	P	04 27 36.9 +0.6
T25A	Trinidad	42.95 331	P	P	04 27 37.8 +1.1
T25A	Trinidad	42.95 331	eP	P	04 27 39.0 +2.2
P30A	Selden	43.11 337	P	P	04 27 38.5 +0.6
L38A	Oak Wood Farm,	43.14 346	P	P	04 27 37.7 -0.3
O31A	Woolen Ranch,	43.29 338	P	P	04 27 39.9 +0.6
L37A	Phoenix Point,	43.33 345	P	P	04 27 40.4 +0.9
Q28A	Sharon Springs	43.35 335	P	P	04 27 40.6 +0.8
P29A	Atwood	43.43 336	P	P	04 27 41.4 +0.9
N32A	Stulken Farm,	43.46 340	P	P	04 27 42.0 +1.4
M34A	Aspy Farms, Fr	43.56 342	P	P	04 27 42.3 +0.9
K38A	Parkersburg	43.58 346	P	P	04 27 42.2 +0.7
O30A	MW Ranch, Wils	43.59 338	P	P	04 27 42.3 +0.6
KSC0	Kaye Shedlock'	43.65 334	P	P	04 27 43.5 +1.2
KSC0	Kaye Shedlock'	43.65 334	eP	P	04 27 39.4 -2.8
P28A	Saint Francis	43.74 336	P	P	04 27 42.8 -0.2
M33A	Taylor Creek F	43.82 341	P	P	04 27 42.9 -0.6
O29A	4D Ranch, Culb	43.83 337	P	P	04 27 44.7 +1.1
K37A	Belmond	43.90 345	P	P	04 27 44.2 +0.1
SDCO	Great Sand Dun	43.96 331	P	P	04 27 46.3 +1.3
SDCO	Great Sand Dun	43.96 331	eP	P	04 27 43.9 -1.1
BGNE	Belgrade	43.98 340	P	P	04 27 45.3 +0.5
BGNE	Belgrade	43.98 340	eP	P	04 27 43.3 -1.5
K36A	Gilmore City	43.99 345	P	P	04 27 44.5 -0.3
214A	Organ Pipe Nat	44.10 319	P	P	04 27 47.0 +1.1
214A	Organ Pipe Nat	44.10 319	eP	P	04 27 45.2 -0.7
M31A	Lambtech Ranc	44.21 339	P	P	04 27 48.0 +1.4
O28A	Krutsinger Ran	44.22 336	P	P	04 27 48.1 +1.3
W18A	Petrified Fore	44.28 324	P	P	04 27 48.8 +1.2
W18A	Petrified Fore	44.28 324	eP	P	04 27 46.6 -0.9
N29A	Votaw Ranch, W	44.36 338	P	P	04 27 48.4 +0.6
L32A	Elgin	44.47 341	P	P	04 27 49.0 +0.3
N28A	Pribbeno Ranch	44.60 337	P	P	04 27 50.5 +0.7
J36A	Seneca 1, Swea	44.61 345	P	P	04 27 49.8 0.0
S22A	4UR Ranch, Cre	44.62 329	P	P	04 27 51.0 +0.7
S22A	4UR Ranch, Cre	44.62 329	eP	P	04 27 52.7 +2.4
Q24A	Divide	44.75 332	P	P	04 27 51.2 -0.2
Q24A	Divide	44.75 332	eP	P	04 27 53.5 +2.1
I38A	Scanlan Farm,	44.80 347	P	P	04 27 50.9 -0.3
L31A	Butterfield Fa	44.90 340	P	P	04 27 52.3 +0.1
M29A	Burnside Ranch	44.92 338	P	P	04 27 52.5 +0.2
L30A	Spencer Herefo	45.01 339	P	P	04 27 53.3 +0.3
OGNE	Ogallala	45.02 336	P	P	04 27 53.6 +0.4
I37A	Lemond, Waseca	45.02 346	P	P	04 27 53.0 0.0

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K32A	Verdigre	45.05 341	P	P	04 27 53.9 +0.6
M28A	Bar X Bar Ranc	45.14 337	P	P	04 27 55.0 +0.9
I35A	Creekview Farm	45.27 345	P	P	04 27 54.3 -0.7
K31A	O'Neill	45.27 340	P	P	04 27 55.1 0.0
J33A	Davis	45.33 343	P	P	04 27 55.5 0.0
L29A	Maesberg Ranch	45.38 339	P	P	04 27 55.9 -0.1
WUAZ	Wupatki	45.52 323	P	P	04 27 58.3 +1.0
WUAZ	Wupatki	45.52 323	eP	P	04 27 58.0 +0.6
ECSD	EROS Data Cent	45.60 343	P	P	04 27 57.2 -0.5
ECSD	EROS Data Cent	45.60 343	eP	P	04 27 55.8 -1.9
K30A	Basset	45.61 340	P	P	04 27 57.3 -0.4
ISCO	Idaho Springs	45.63 332	eP	Pmax	04 27 59.9 +1.5
ISCO	Idaho Springs	45.63 332	P	Pmax	04 27 57.8 -0.6
ISCO	Idaho Springs	45.63 332	eP	P	04 27 59.9 +1.5
J32A	Parkston	45.65 342	P	P	04 27 57.9 -0.1
H36A	Jessenland, He	45.68 346	P	P	04 27 58.0 -0.2
L28A	Connelly Angus	45.72 338	P	P	04 27 59.6 +0.9
PV01	Paradox Valley	45.82 328	eP	P	04 27 58.6 -1.1
K29A	Lazy Trails An	45.93 339	P	P	04 27 59.8 -0.6
H35A	Sunnyside Ranc	46.01 345	P	P	04 28 00.1 -0.7
SPMN	St. Paul	46.03 347	P	P	04 28 00.8 -0.2
PV05	Paradox Valley	46.06 328	eP	P	04 28 03.5 +1.8
J30A	GLA	46.11 318	P	P	04 28 01.8 -0.1
J30A	Dallas	46.14 340	P	P	04 28 01.9 0.0
H34A	Spellman Lake,	46.23 344	P	P	04 28 02.7 +0.1
K28A	Ten Mile Ranch	46.27 338	P	P	04 28 03.4 +0.4
Y12C	Blythe	46.34 319	P	P	04 28 03.3 -0.3
J29A	Okechok	46.50 340	P	P	04 28 04.8 +0.1
H33A	Prehn Over Nor	46.51 344	P	P	04 28 05.0 +0.2
H32A	Carlson Farm,	46.55 343	P	P	04 28 05.3 +0.2
I30A	Oacoma	46.64 341	P	P	04 28 06.5 +0.6
N23A	Red Feather La	46.66 333	P	P	04 28 05.9 -0.4
SWSC	Sam W. Stewart	46.70 317	P	P	04 28 06.9 +0.4
F36A	Milaca	46.80 347	P	P	04 28 06.6 -0.4
J28A	Allard Ranch,	46.84 339	P	P	04 28 07.9 +0.4
BC3	Big Chuckawall	46.89 318	P	P	04 28 07.5 -0.6
J27A	Elk Horn Farm,	46.98 338	P	P	04 28 09.3 +0.7
IRM	Iron Mountain	47.00 319	P	P	04 28 09.6 +0.7
I29A	Vivian Onida	47.03 340	P	P	04 28 09.7 +0.8
F35A	Swanville	47.03 346	P	P	04 28 07.6 -1.3
MONP	Monument Peak	47.09 317	P	P	04 28 09.8 0.0
O20A	White River Ci	47.16 330	P	P	04 28 11.2 +1.0
O20A	White River Ci	47.16 330	eP	P	04 28 11.6 +1.4
I28A	Midland	47.31 339	P	P	04 28 11.2 0.0
J26A	Sides Ranch, S	47.43 337	P	P	04 28 12.6 +0.5
F33A	5 Mile Ranch,	47.45 345	P	P	04 28 12.6 +0.5
BELC	Belle Mtn. Jos	47.46 318	P	P	04 28 12.7 +0.1
PFO	Pineon Flat Ob	47.54 318	P	P	04 28 19.1 +5.9
SRU	San Rafael	47.57 328	eP	Pmax	04 28 13.1 -0.3
SRU	San Rafael	47.57 328	eP	P	04 28 13.1 -0.3
G30A	Faulkton	47.64 342	P	P	04 28 13.9 +0.3
E35A	Pequot Lakes	47.65 347	P	P	04 28 13.9 +0.2
I27A	Quilley	47.69 339	P	P	04 28 14.5 +0.4
GMRC	Granite Mounta	47.72 320	P	P	04 28 15.1 +0.5
J25A	Sunshine Ranch	47.78 337	P	P	04 28 16.1 +1.2
P17A	Butcher Ranch,	47.85 328	eP	P	04 28 17.5 +1.2
MSU	Marysville	48.05 326	eP	P	04 28 17.9 +0.7
MSU	Marysville	48.05 326	eP	P	04 28 17.9 +0.7
CCUT	Cedar City	48.08 324	eP	P	04 28 14.9 -2.5
G28A	Parade	48.17 340	P	P	04 28 18.1 +0.4
H27A	Howe	48.19 339	P	P	04 28 18.1 +0.1
I25A	Rochford	48.29 337	P	P	04 28 18.9 +0.1
TUQ	Turquoise Moun	48.29 320	P	P	04 28 18.8 -0.1
C37A	Embarrass	48.30 349	P	P	04 28 19.6 +0.9
F29A	Eureka	48.48 342	P	P	04 28 20.7 +0.5
RSSD	Black Hills	48.49 337	eP	Pmax	04 28 20.1 -0.4
RSSD	Black Hills	48.49 337	eP	Pmax	04 28 20.1 -0.4
RSSD	Black Hills	48.49 337	eP	P	04 28 20.1 -0.4
H25A	Fruitdale	48.74 338	P	P	04 28 23.2 +0.9
GSC	Goldstone	48.78 319	eP	Pmax	04 28 23.9 +1.2
GSC	Goldstone	48.78 319	P	Pmax	04 28 23.9 +1.2
GSC	Goldstone	48.78 319	eP	P	04 28 23.9 +1.2
G27A	Dupree	48.78 340	P	P	04 28 22.5 0.0
C34A	RKU Ranch, Bem	48.80 347	P	P	04 28 23.6 +1.1
F28A	McLaughlin	48.81 341	P	P	04 28 23.6 +0.9
MPU	Maple Canyon	48.82 328	eP	P	04 28 21.2 -1.9
O16A	Springville	48.88 328	eP	P	04 28 17.0 -6.5
G26A	Maurine	48.95 339	P	P	04 28 24.6 +0.8
NLU	North Lily Min	49.01 327	eP	P	04 28 27.7 +3.1
E29A	Napoleon	49.08 342	eP	P	04 28 25.9 +1.1
F27A	Lemmon	49.24 340	P	P	04 28 26.6 +0.6
D30A	Buchanan	49.30 343	P	P	04 28 26.3 -0.1
EDW2	Edwards Air Fo	49.31 318	P	P	04 28 26.0 -0.7
E28A	Huff	49.41 341	P	P	04 28 28.1 +0.8
TPNV	Topopah Spring	49.44 321	eP	Pmax	04 28 32.1 +4.3

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TPNV	Topopah Spring	49.44 321	P	P	04 28 32.0 +0.2
TPNV	Topopah Spring	49.44 321	eP	P	04 28 32.1 +4.3
F26A	Lodgepole	49.45 339	P	P	04 28 28.1 +0.5
LRMC	Laurel Mountai	49.46 319	P	P	04 28 28.5 +0.5
FURC	Furnace Creek,	49.52 321	P	P	04 28 28.6 +0.4
B34A	Aery, Baudette	49.53 347	P	P	04 28 27.9 -0.2
E27A	Carson	49.57 340	P	P	04 28 28.5 0.0
DUG	Dugway	49.58 327	eP	Pmax	04 28 28.0 -0.9
DUG	Dugway	49.58 327	eP	Pmax	04 28 28.3 -0.5
DUG	Dugway	49.58 327	eP	P	04 28 28.0 -0.9
C31A	Landman Farms,	49.64 344	P	P	04 28 29.4 +0.4
MCU	Monte Cristo P	49.80 329	eP	P	04 28 32.4 +1.8
PDAR	Pinedale Array	49.80 332	eP	P	04 28 30.9 +0.3
PDAR	Pinedale Array	49.80 332	eP	P	04 29 52.2 +0.9
PDAR	Pinedale Array	49.80 332	eP	P	04 50 58.6
BW06	Boulder Array	49.80 332	eP	P	04 28 30.4 -0.2
B32A	Ashes, Strandq	49.88 346	P	P	04 28 31.1 +0.3
E26A	Carlson Angus	49.91 340	P	P	04 28 31.5 +0.3
R11A	Troy Canyon, C	49.92 323	P	P	04 28 31.5 -0.1
R11A	Troy Canyon, C	49.92 323	eP	P	04 28 33.2 +1.7
ARVC	Arvin	50.01 318	P	P	04 28 32

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like Umpqua Nationa, Red Mountain, Terrebonne, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like DAVA Damuels, RETA Reutte, NOA NOVA Array B, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like GYA GYA, SHL Shilling, KMI Kunming, etc.

25d 4h

Table with columns for property ID, name, address, and status. Includes entries like PB10 comp=E,101µm,0.2s, CDCH Caldera, CPCH Copiapo, etc.

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Table with columns for property ID, name, address, and status. Includes entries like 632A Uvalde, 533A Kerrville, 435B Jarrell, etc.

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Table with columns for property ID, name, address, and status. Includes entries like U38A Gravette, TUL1 Tulsa, TUL1 Tulsa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like W18A Petrified Forest, DBIC Dimbokro, DBIC comp=Z,1.1nm,0.7s, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H26A Fairpoint, D33A AnnSam, RSSD Black Hills, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PBAR Edmonton, B05A Bryant, ESDC Sonesea Array, etc.

ISCJB 25 05:09:41.8.0.6.11:91N.0:08.43:91E.0:06.h4km, mb4.0/14, MS3.4/5, Error ellipse: s-maj=13.8km, s-min=1.4km az=144.1, IDC 25 05:09:42.8.1.1.1:83N.43:75E.h0km, mb4.0/14, mb1.4/15, mb1mx3.9/4.1, mbmp4.0/15, ML2.2/1, MS3.5/5, Ms1.3.5/5, ms1mx3.1/4.0, Error ellipse: s-maj=25.7km, s-min=1.3km az=152.0, CSEM 25 05:09:43.0.12:03N.43:92E.h15km, ML4.6, After TEH ARO 25 05:09:43.9.12:N.2:4.4'E.1.h15km,4km,ML4.6, ISC 25 05:09:43.4.0.7.1.1:86N.0:09.43:86E.0:07.h4km, n49, @192049, mb4.1/14, MS3.4/5, Ethiopia Code Station Name Az El Op Phase ID Time Res

25d 6h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ZEFH, MMAL, ICHK, etc.

IDC 25 05:25:36.9-0.8, 52.98N; 170.72E, h0km, mb3.7/17.1, mb1 3.9/18, mb1mx3.8/42, mbtmpp3.7/18, ML3.4/1, MS3.1/2, Ms1 3.1/2, ms1mx2.7/3, Error ellipse: s-maj=25.8km s-min=13.8km az=19.0

MOS 25 05:25:37.0-0.8, 52.97N; 170.65E, h19km, mb4.0/10, Error ellipse: s-maj=14.1km s-min=8.3km az=32.6

ISJCJB 25 05:25:39.0-0.5, 53.01N; 076.130E, h0.05, h28km, mb3.6/18, MS3.2/1, Error ellipse: s-maj=8.6km s-min=4.2km az=7.1

KRSC 25 05:25:40.0-2.2, 52.95N; 170.00E, h15km, ML4.6

ISC 25 05:25:40.9-0.7, 52.94N; 170.55E, h28km, n73, e163/91, mb3.7/18, Near Islands

Table listing station names and their coordinates for the 'Near Islands' region, including stations like KBTR, MYSS, SMKR, etc.

Table listing station names and their coordinates for the 'Near coast of Guerrero' region, including stations like PETK, WAKE ISLAND, etc.

2010 NOV

Table listing station names and their coordinates for the 'WAKE ISLAND' region, including stations like H11S3, H11S2, YKA, etc.

ISJCJB 25 05:39:42.6-1.6, 1.6S; 0.6W, 13.34W, 0.5, h14km, mb3.8/4, Error ellipse: s-maj=11.9km s-min=12.2km az=140.8

IDC 25 05:39:43.2-1.1, 1.58S; 0.33W, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/32, mbtmpp3.7/6, ML3.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.6/30, Error ellipse: s-maj=158.0km s-min=19.5km az=140.0

ISC 25 05:39:44.7-1.9, 1.6S; 0.7W, 13.4W, 0.6, h14km, n16, e355/8, mb3.9/4, North of Ascension Island

Table listing station names and their coordinates for the 'North of Ascension Island' region, including stations like H10N2, H10N3, etc.

MEX 25 05:40:02.3-0.4, 16.934N; 98.844W, h7km, 4km, MD3.9, Near coast of Guerrero

Table listing station names and their coordinates for the 'Near coast of Guerrero' region, including stations like TLIG, PNIG, etc.

IDC 25 05:49:58.8-1.4, 33.08S; 178.38W, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.9/26, mbtmpp4.1/4, ML3.8/1, Error ellipse: s-maj=38.6km s-min=32.1km az=77.0

ISJCJB 25 05:50:03.6-1.9, 33.3S; 0.1W, 178.7W, 0.3, h32km, mb4.0/3, Error ellipse: s-maj=34.8km s-min=16.0km az=17.8

ISC 25 05:50:04.6-1.4, 33.2S; 0.2W, 178.6W, 0.3, h32km, n7, e079/8, mb4.0/3, South of Kermadec Islands

Table listing station names and their coordinates for the 'South of Kermadec Islands' region, including stations like URZ, ASAR, WRA, etc.

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Table listing station names and their coordinates for the 'IZMIR' region, including stations like IZM, AKS, etc.

MAN 25 06:09:42, 8.54N; 123.22E, h8km, mb4.2, ML3.0, MS2.8, Mindanao

IDC 25 06:18:56.1-19.0, 6.73N; 123.64E, h523km, 264km, mb3.2/6, mb1 3.4/6, mb1mx3.6/28, mbtmpp4.2/6, Error ellipse: s-maj=135.0km s-min=23.8km az=51.0, Mindanao

Table listing station names and their coordinates for the 'Mindanao' region, including stations like FITZ, WRA, ASAR, etc.

IDC 25 06:38:19.0-2.3, 38.21S; 75.03W, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.6/28, mbtmpp3.4/5, ML3.4/2, MS1.9/1, Ms1 1.9/1, ms1mx1.9/15, Error ellipse: s-maj=46.4km s-min=33.3km az=41.0

ISCJB 25 06:38:21.9-1.1, 38.23S; 0.05W, 74.9W, 0.1, h33km, mb3.5/3, Error ellipse: s-maj=12.0km s-min=6.5km az=177.7

GUC 25 06:38:23.0-0.5, 38.37S; 74.95W, h37km, 3km, ML3.5

ISC 25 06:38:23.7-1.1, 38.23S; 0.06W, 74.9W, 0.1, h35km, n10, e184/115, mb3.2/3, Off coast of central Chile

Table listing station names and their coordinates for the 'Off coast of central Chile' region, including stations like PSCH, CCSV, etc.

DDA 25 06:40:16.5-1.37, 35N; 36.40E, h7km, MD2.6

CSEM 25 06:40:17.0-0.0, 37.47N; 36.43E, h5km, MD2.3, Error ellipse: s-maj=23.6km s-min=17.1km az=164.0

ISK 25 06:40:17.0-0.3, 37.47N; 36.43E, h6km, MD2.3

ISC 25 06:40:17.1-1.1, 37.36N; 0.05W, 36.41E, 0.04, h6km, 14km, n13, e034/19, Turkey

Table listing station names and their coordinates for the 'Turkey' region, including stations like ANDN, KAMA, etc.

NEIC 25 06:42:24.8, 16.64N; 99.30W, h16km, MD4.1, (MEX), After MEX

MEX 25 06:42:24.8-0.9, 16.64N; 99.30W, h16km, 8km, MD4.1, Near coast of Guerrero

Table listing station names and their coordinates for the 'Near coast of Guerrero' region, including stations like CAIG, PNIG, etc.

IDC 25 06:43:29.4-2.0, 20.12S; 177.55W, h438km, 26km, mb3.3/3, mb1 3.4/5, mb1mx3.0/30, mbtmpp4.2/5, Error ellipse: s-maj=13.9km s-min=13.78km az=129.0, Fiji

25d 7h

mb4.3/39,MS3.8/30, Error ellipse: s-maj=13.4km s-min=8.5km az=175.6

BUJ 25 07:11:06.2, 12.65N,43.61E,h8km,mb4.7/17,mb5.0/12, Ms4.7/6,Ms7.4/3.4

ISC 25 07:11:07.9,0.6,11.80N,0.09,43.95E,0.07,h20km,7km, h20km;p-P,n159,e1931/151,mb4.4/39,MS3.8/30,10C-4D,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists various stations like ATD, DAMY, FURI, KMB0, etc.

2010 NOV

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists stations like KIEV, AKASA, ARS, etc.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists stations like GTA, KMI, KMI, etc.

ISCJB 25 07:14:21.5,2.0, 11.80N,0.4,44.0E,0.2,h10km,mb3.6/6, Error ellipse: s-maj=58.0km s-min=9.6km az=155.5

IDC 25 07:14:21.9,2.8, 11.70N,0.4,90E,h0km,mb3.6/6, mb1 3.6/6, mb1mx3.4/46, mb1mp3.6/6, Error ellipse: s-maj=80.5km s-min=17.3km az=157.0

ISC 25 07:14:22.9,2.5, 11.71N,0.4,43.9E,0.2,h10km,n7,e1906/8, mb3.8/6,Ethiopia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists stations like ATD, ATD, BRTR, etc.

CSEM 25 07:29:16.0,0.1, 42.76N,11.86E,h9km,MD1.5/4, After ROM 25 07:29:16.0,0.1, 42.76N,11.86E,h9km,MD1.5/4,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists stations like SACS, SACS, MCIV, etc.

CSEM 25 07:29:39.4,0.1, 42.76N,11.85E,h7km,MD2.9, After ROM 25 07:29:39.4,0.1, 42.76N,11.85E,h7km,MD2.9,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Lists stations like SACS, SACS, MCIV, etc.

1231

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, PKIN, GUN, BHJ, CHKZ, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA, KAD, HYBB, HYB, etc.

25d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, SONA, PTK, CD2, etc.

25d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANTO Ankara, BR231 Keskin MP Arra, LADK Ladik-KONYA, etc.

2010 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIE Niedzica, AGG Agios Georgios, ARAD ARCESS Array S, etc.

1232

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRU Pruhonic, BRG Bergliesshubel, WIMM Wimmelburg, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like IMEL, IHVO, IGVO, IGDG, IGYG, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like TREC, DAVOS, VRAC, ESDC, RES, AKASE, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KUZU, BTCH, TAHT, YAYL, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KMBBO, BRTR, KBZ, MKAR, HFS, ZALV, SONM, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like CHPI, TALC, NICH, LNV, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like AUSP, RTLS, RTVC, CFAA, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like PLCA, AVFE, AVFE, AVFE, AGUA, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like EIL, MMAI, GEYT, BRTR, AKTO, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like MEIG, MEIG, PLIG, YAGU, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like WRA, FITZ, ASAR, MKAR, STKA, ILAR, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like GZR, GZR, GZR, MDVR, etc.

Table with columns: Station Name, Az, El, P, S, Res, Time, Res. Includes stations like PPSI, PPSI, SISI, SISI, etc.

25d 13h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Includes stations like MNAI Manha, MDSI Maura Dua, GSI Gunungsitoli, KASI Kota Agung, CMAR Chiang Mai Arr, etc.

ISCJB 25 11:55:00.8:0.3, 45:60N:0.02:26.36E:0.03, h131km, 3km, Error ellipse: s-maj=2.4km s-min=2.0km az=142.5
SIGU 25 11:55:01.2:0.4, 50:59N:23.43E, h128km, mb3.
CSEM 25 11:55:01.4:0.2, 45:62N:26.35E, h127km, 1km, MD4.1, Error ellipse: s-maj=3.2km s-min=2.4km az=166.0
BUC 25 11:55:01.8:0.4, 45:61N:26.37E, h129km, 4km, MD4.1/3, Error ellipse: s-maj=3.1km s-min=2.3km az=336.0
SOF 25 11:55:02.6, 45:53N:26.32E, h100km, MD3.2
ISC 25 11:55:00.8:1.2, 45:60N:0.02:26.37E:0.02, h135km, 5km, n158, o995/236, 85C-45D, Romania

Main table for 25d 13h section, listing stations from PLOR Plostina to HARR Harsova with their respective coordinates and parameters.

2010 NOV

Main table for 2010 NOV section, listing stations from HUMR Humele to ASAR Alifanlu with their respective coordinates and parameters.

ISCJB 25 12:05:10.8:2.2, 19:25S:0.5:177.6W:0.3, h570km, mb3.8/4, Error ellipse: s-maj=82.2km s-min=11.4km az=149.5
IDC 25 12:05:10.8:2.2, 19:25S:177.50W, h557km, 23km, mb3.3/4, mb1 3.5/5, mb1mx3.1/26, mbtmp4.2/5, Error ellipse: s-maj=66.6km s-min=20.4km az=145.0
ISC 25 12:05:11.4:1.9, 19:15S:0.5:177.6W:0.3, h570km, n7, +1917/10, mb3.9/4, Fiji Islands region

Table for 2010 NOV section, listing stations from AFI Alifanlu to ASAR Alifanlu with their respective coordinates and parameters.

1236

Table for 1236 section, listing stations like ASAR, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, BRTR Keskin Array B, GERES GERESS Array B.

Table for 1236 section, listing stations like MAN 25:12:54.31, 17:50N:122.44E, h28km, mb4.9, ML3.8, MS3.9, 1D, Luzon, CVP Callao Caves, CVP Cauayan, CAUP Cauayan, SGCP Mt. Cagua, APY Conner, ABRA Dolores, BALP Baier.

AUST 25 13:08:44.8, 6:50N:126:01'E, h200km
MAN 25 13:08:45.5, 3:31N:126:09'E, h122km, mb5.2, ML4.1, MS4.3
ISCJB 25 13:08:46.3:0.3, 5:37N:102:126:11E:0.05, h116km, mb3.8/12, Error ellipse: s-maj=6.7km s-min=3.3km az=168.5
IDC 25 13:08:46.8:1.0, 5:35N:125:95'E, h103km, 8km, mb3.6/12, mb1 3.8/14, mb1mx3.5/37, mbtmp4.0/14, Error ellipse: s-maj=24.4km s-min=9.7km az=73.0
DJA 25 13:08:49.1:0.7, 5:27N:102:126:11E:0.05, h116km, mb4.7/11, mb5.1/8, ML4.0/10, Mwm10E/4.5/8
ISC 25 13:08:48.1:0.5, 5:37N:102:126:10E:0.07, h116km, n48, o129/57, mb3.7/12, 1C-2D, MINDANAO

Main table for 1236 section, listing stations from DAV Davao City (W) to SNAA Sanae with their respective coordinates and parameters.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ABKAR, AML, AKTO, KOLN, AAK, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BDFB, ANTB, AKAS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUN, ALBI, RAMN, etc.

ISCJJB 25 15:46:34.0,3.0,5.5010N,0.03:18.36E,0.03,h0km, Error ellipse: s-maj=4.7km s-min=2.7km az=14.4

IPEC 25 15:46:34.0,3.0,5.5010N,0.03:18.48E,h1km,ML2,6/8, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0

CSEM 25 15:46:34.0,3.0,5.5010N,0.03:18.42E,h1km,ML2,6/8, Error ellipse: s-maj=6.0km s-min=3.5km az=12.0

PRU 25 15:46:36.3,50.04N,18.37E,h0km

ISC 25 15:46:35.0,0.8,50.010N,0.03:18.42E,0.02,h0km,n28, r1151/50,Poland

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include Raciborz, Ostrava-Krasne, MORC Moravsky Berou, etc.

KRNET 25 15:52:48.2,0.1,39.50N,73.24E,mb3.2

NNC 25 15:52:51.2,2.5,39.65N,73.24E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=28.8km s-min=13.7km az=138.0

ISC 25 15:52:49.3,2.1,39.56N,0.07:73.19E,0.06,h0km,16km, n25,r141/36,24C-15D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include ARSB Arslanbob, BTK Batken, ARK Arkhit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include TKM2 Karatay Array, KK31, etc.

ISCJJB 25 16:03:27.9,0.6,37.88N,0.03:26.85E,0.04,h12km,4km, Error ellipse: s-maj=6.3km s-min=4.5km az=135.1

ISC 25 16:03:27.4,1,37.89N,0.03:26.87E,0.03,h13km,n28,r027/41,Decadence Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include DGB Zmir, GCAM G?zelcam?, etc.

DJA 25 16:04:26.0,0.2,1.52S,123E,h17km,M3.8/13,mb4.2/2,mb4.8/11,MLV3.5/13,MW(mb)4.0/1,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include LUWI Luwuk, APSI Ampana, etc.

ISK 25 16:04:51.3,38.95N,26.88E,h6km,MD2.7

ISC 25 16:04:55.6,38.04N,26.39E,h10km,MDz.6

ISC 25 16:04:55.3,2.3,37.77N,0.2:26.94E,0.08,h12km,n4,r042/8,Decadence Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include DGB Zmir, ZFY Zey, etc.

AUST 25 16:15:21.1,2.8,22.74S,172.35E,h0km, Error ellipse: s-maj=51.1km s-min=12.2km az=84.0

IDC 25 16:15:25.7,0.6,22.66S,171.62E,h0km,mb4.4/17,mb1.4/6/18,mb1mx4.5/25,mbtmp4.4/18,ML4.2/1,MS3.8/24,Ms1.3.9/24,ms1mx3.8/33, Error ellipse: s-maj=17.5km s-min=15.0km az=9.0

MOS 25 16:15:30.7,1.7,22.67S,171.47E,h33km,mb5.1/15, Error ellipse: s-maj=10.9km s-min=9.5km az=163.7

ISCJJB 25 16:15:31.8,0.2,22.80S,0.04:171.48E,0.04,h49km,mb4.9/62,MS3.8/20, Error ellipse: s-maj=6.1km s-min=4.6km az=162.2

BJJ 25 16:15:31.1,22.74S,171.76E,h46km,mb4.8/24,mb5.1/18,Ms5.2/10,Ms7.4/8.7

GCMT 25 16:15:33.9,0.3,22.82S,171.38E,h23km,1km,MW5.0/55, Moment Tensor Solution. s37,c49; s55,c84; Duration: 0 Moment tensor: Scale 10^10Nm; Mr,3.07±.20; Mw,3.42±.14; M0,0.35±.14; M1,1.1±.18; M2,0.34±.09; M3,-0.38±.23; Best double couple: M3,3.46700x10^16 NP1,30.100000°,355.00000°,1.96.00000°. NP2: 32.2890,Plg79.0000°,AzM34.0000°,N.0.3590,Plg5.0000°,AzM277.0000°,P.-3.6450,Plg10.0000°,AzM186.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 25 16:15:33.9,0.9,22.74S,171.45E,h58km,8km,mb5.0/40, Error ellipse: s-maj=6.1km s-min=5.5km az=170.0

ISC 25 16:15:33.2,0.3,22.82S,0.06:171.46E,0.05,h49km,n307,r136/305,mb5.0/61,MS3.9/20,23C-28D,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include DZM Mont Dzumac, DZM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include DZM Norfolk Island, NFK, etc.

MSVF Nonsavu 7.99 52 eP Pn

MSVF Nonsavu 7.99 52 eP Pn

MSVF Nonsavu 7.99 52 eP Pn

RAO Raoul Island 11.49 126 LR LR

URZ Urewhera 16.14 164 Pn P

URZ Urewhera 16.14 164 Pn P

URZ Urewhera 16.14 164 Pn P

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25d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like San Lorenzo, Humahuaca, Limon Verde, etc.

2010 NOV

Table with columns: ULM, Lac du Bonnet, Elko, etc. Includes stations like Lac du Bonnet, Elko, NV01, etc.

1242

Table with columns: IELT, Elcoad, IELO, etc. Includes stations like Elcoad, IELO, IELT, etc.

1243

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

JMA 25 17:23:53.2±0.2, 2401'N±122'86'E, h24km±5km, M2.9, Taiwan region. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

TAP 25 17:24:21.2, 24'55"N±121'84'E, h8km, ML1.7, C, Taiwan. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NIED 25 17:28:00.24±0.0N, 122°90'E, h8km, Mw3.7 Best double couple: M=4.12000x10^14 NP1=323.00000°, 855.00000°, λ=162.00000°. NP2=222.00000°, 875.00000°, λ=36.00000°.

ISCJB 25 17:28:02.9±0.7, 23°30'N±0°02', 122°86'E±0°02', h10km±4km, mb3.5/5, Error ellipse: s-maj=3.7km s-min=2.6km az=174.7.

TAP 25 17:28:22.5, 23°98'N±122°77'E, h14km, ML3.7, D. YMA 25 17:28:22.1±0.2, 23°59'N±122°86'E, h21km±3km, mb3.6. IDC 25 17:28:39.6±0.7, 24°02'N±123°04'E, h175km±96km, mb3.0/5, s-maj=3.2±0.5, s-min=2.9±0.4, s-az=48.0.

ISC 25 17:28:20.8±1.2, 23°91'N±122°85'E±0°02', h7km±9km, m6.2, ±109/106, mb3.4/5, 3D, Taiwan region.

Main table for 1243 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YONAGUNI, HATJ, etc.

2010 NOV

Main table for 2010 NOV with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP1, TAP, TWS1, etc.

BUI 25 17:31:58.1, 47°25'N±153°81'E, h74km, mb4.6/30, mb4.8/23, Ms4.4/10, Ms7.4/2/6.

NEIC 25 17:32:00.0±2.4, 47°12'N±153°86'E, h75km±11km, mb4.6/12, Error ellipse: s-maj=37.6km s-min=17.4km az=161.0.

ISCJB 25 17:32:09.1±0.5, 47°13'N±152°49'E±0°06', h111km±4km, mb4.1/33, Error ellipse: s-maj=8.7km s-min=3.8km az=135.2.

MOS 25 17:32:10.8±1.1, 47°16'N±152°40'E, h129km, mb4.1/21, Error ellipse: s-maj=9.7km s-min=7.3km az=69.0.

SKHL 25 17:32:11.0±1.0, 47°10'N±152°54'E, h115km±7km, mb5.1/5, msh5.7/5.

IDC 25 17:32:12.8±2.3, 47°23'N±152°41'E, h129km±20km, mb3.6/21, mb1.3/7.25, mb1mx3/7.39, mb1mp4/0.25, Error ellipse: s-maj=15.5km s-min=11.3km az=152.0.

JMA 25 17:32:14.2±0.6, 46°04'N±152°66'E, h134km, M3.9.

ISC 25 17:32:10.0±0.5, 47°10'N±152°39'E±0°05', h102km±4km, h101km±pP, n176, e196/175, mb4.2/33, 8C-11D, Kuril.

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

25d 17h

Main table for 25d 17h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR, SHO, YUS, etc.

Table of astronomical observations for 25d 17h, listing stations like YAKUTSK, KSRs, TJN, BILL, BJI, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 2010 NOV, listing stations like PKI, DMN, GKN, DANN, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 2010 NOV, listing stations like TIWZ, PRHZ, KRRH, etc., with columns for station name, coordinates, and observation data.

MEX 25 17:52:08.2-0.7, 17:22N-99:88W, h27km, 24km, MD3.7, Guerrero

Table of astronomical observations for MEX 25, listing stations like CAIG, MEIG, ARIG, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for MEX 25, listing stations like MSWZ, MRHZ, WEL, etc., with columns for station name, coordinates, and observation data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TUWZ, TUMARINA, TARZ, etc.

ISCJB 25 18:14:52.9-1.0, 44.71N-0.08-141.06E:0.09, h250km, mb3.3/7, Error ellipse: s-maj=11.8km s-min=7.8km

JMA 25 18:14:52.1-0.5, 44.72N-141.29E, h275km, 5km, M3.4, IDC 25 18:14:53.0-1.1, 44.68N-141.22E, h261km, 1km, mb3.0/7, mb1.3/1.9, mb1mx2.8/4.4, mbtmp3.6/9, Error ellipse: s-maj=17.2km s-min=16.6km az=179.0

ISC 25 18:14:52.6-0.8, 44.68N-141.23E:0.07, h250km, n25, az=176/26, mb3.1/7, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JRR, JSS, JWKC, etc.

NEIC 25 18:16:53.7-1.5, 16.46S-70.94W, h124km, 13km, mb4.8/1, Error ellipse: s-maj=16.5km s-min=12.4km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LPAZ, LPZ, LPZ, etc.

GUC 25 18:31:29.2-0.8, 34.64S-72.00W, h9km, 7km, ML3.6, ISC 25 18:31:29.6-1.5, 34.65S-72.00W:0.1, h4km, 11km, n14, az=98/16, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHPI, NICH, NICH, etc.

DDA 25 18:36:47.6, 37.67N-35.42E, h7km, MD2.9, CSEM 25 18:36:47.3-0.2, 37.73N-35.43E, h5km, MD2.6, Error ellipse: s-maj=0.6km s-min=3.4km az=7.0

ISK 25 18:36:47.3, 37.71N-35.45E, h7km, MD2.6, ISC 25 18:36:47.5-1.0, 37.70N-35.45E:0.02, h17km, 7km, n31, az=84/46, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKO, KOZT, KOZT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KUZU, KUZU, KUZU, etc.

IDC 25 18:51:29.6-1.0, 35.22S-73.95W, h0km, mb3.8/6, mb1.4/0.10, mb1mx3.9/27, mbtmp3.8/10, ML4.1/3, MS3.1/1, Ms1.3/1.1, ms1mx2.5/19, Error ellipse: s-maj=27.4km s-min=22.3km az=102.0

GUC 25 18:51:31.7-0.5, 35.22S-73.77W, h28km, 5km, ML4.1, ISCJB 25 18:51:32.4-0.6, 35.22S-0.03-73.93W:0.06, h33km, mb3.9/6, Error ellipse: s-maj=7.0km s-min=4.5km az=24.3

NEIC 25 18:51:35.0-2.5, 35.24S-73.88W, h40km, 23km, mb4.3/1, Error ellipse: s-maj=28.3km s-min=12.6km az=100.0

ISC 25 18:51:34.6-0.9, 35.27S-0.05-73.91W:0.09, h35km, n30, az=137/42, mb3.9/6, 1C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include COCH, COCH, CHPI, etc.

ISCJB 25 18:57:34.9-0.7, 19.61S-0.04-70.32W:0.09, h58km, 6km, mb3.7/5, Error ellipse: s-maj=14.1km s-min=5.8km az=171.3

GUC 25 18:57:34.8-0.6, 19.66S-70.32W, h48km, 1km, ML4.0, IDC 25 18:57:38.9-2.2, 19.68S-70.12W, h2km, 21km, mb3.5/5, mb1.3/9.8, mb1mx3.6/30, mbtmp3.9/6, MS2.9/4, Ms1.2/9.4, mb1mx2.7/1.4, Error ellipse: s-maj=32.3km s-min=15.0km az=88.0

ISC 25 18:57:35.5-1.0, 19.61S-0.04-70.3W:0.1, h48km, 8km, n27, az=97/26, mb3.7/5, 2C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PSGC, PSGC, PSGC, etc.

25d 19h

MKAR Makanchi Array 144.83 33 PKP PKPab 19 17 06.1 -0.1
comp=E,1.0nm,0.7s,baz=310,slow=3.5,SNR=9.0
SONM Songo Array 151.72 5 PKPbc PKPbc 19 17 24.9 +0.1
comp=E,0.5nm,0.5s,baz=335,slow=1.3,SNR=6.6

GII 25 18:57:45.7z,0.0,34:84N:36:25E,h14km,MD2.0/1,
Mm2.2/1
CSEM 25 18:57:47.6z,0.3,34:50N:36:37E,h2km,ML2.9,Mw2.2,
Error ellipse: s-maj=10.6km s-min=3.6km az=97.0
NSSC 25 18:57:47.4z,1.6,34:48N:36:27E,h7km,10km,ML2.1
GRAL 25 18:57:47.6z,0.4,34:52N:36:40E,h0km,68km,MD2.9
ISC 25 18:57:47.4z,1.0,34:51N:02:36.39E,0.04,h9km,9km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like FKX, HWQ, MARH, BIDA, BHL, WRDH, DQRL, SLNF, BRBR, ARNB, KSDI, MNC7, MMAO, HNTI, HNTI, BLGI, MMLI, MMLI, OFRI, HMDT, SLTI, SLTI.

ISC 25 18:59:11.8z,2.4,4:95S:134:04E,h0km,mb3.6/1,
mb1 4.2/6,mb1mx3.8/29,mbtmp4.0/6,ML4.0/5,MS3.3/5,
Ms1 3.3/5,ms1mx2.8/32,Error ellipse: s-maj=59.6km
s-min=25.3km az=82.0
ISCJB 25 18:59:13.1z,1.1,4:99S:0:07z:133:6E,0.1,h10km,mb3.5/1,
MS3.2/3,Error ellipse: s-maj=14.7km s-min=10.7km
az=176.9
AUST 25 18:59:31.0z,0.31,0.6:30S:133:58E,h2km,4km,Error
ellipse: s-maj=5.2km s-min=1.4km az=241.0
ISC 25 18:59:14.2z,1.5,5:05S:0:1:133:8E,0.2,h10km,n14,
c130.9,MS3.2/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SIJI, SUJI, KDU, BATI, KNRA, KAPI, WRA, FITZ, FITZ, ASAR.

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ASAR 0.4nm,0.3s,baz=359,slow=12,SNR=4.6
0.2nm,0.3s,baz=1.6,slow=28,SNR=7.9
WRKA Warakurna 20.62 194 LR
JNU Nakatsue 38.00 356 LR
JHU Hachijo jima 2 38.33 8 LR
KRSR Korea Array 42.58 353 LR
MKAR Makanchi Array 68.69 325 P

ISCJB 25 19:12:39.5z,0.6,36:22N:0:08:137:1E,0.1,h278km,5km,
mb2.9/4,Error ellipse: s-maj=15.7km s-min=12.0km
JMA 25 19:12:40.6z,0.2,36:20N:137:06E,h278km,2km,ML2.7
IDC 25 19:12:40.0z,0.3,36:20N:137:02E,h282km,1.5km,mb2.8/4,
mb1 3.1/6,mb1mx2.8/44,mbtmp3.6/6,Error ellipse:
s-maj=46.6km s-min=15.5km az=68.0
ISC 25 19:12:40.4z,0.9,36:23N:0:10:137:06E,0.10,h272km,8km,
n17,c0563/21,mb3.1/4,Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JGN, JGN, JKG, JGM, JGM, JAT, MJAR, JYN, JRY, JRY, JWE, JWE, JIE, JAG, JAG, JAG, USRK, ASAJ, ZALV, MKAR, WRA, ASAR.

IDC 25 19:12:41.0z,1.2,0:63S:133:53E,h0km,mb3.5/3,
mb1 3.9/5,mb1mx3.4/39,mbtmp3.7/5,ML3.0/2,Error
ellipse: s-maj=28.5km s-min=23.8km az=80.0
AUST 25 19:12:40.8z,0.1,0:68S:133:52E,h0km,5km,Error ellipse:
s-maj=5.9km s-min=1.5km az=37.0
DJA 25 19:12:46.0z,0.6,1:5:7:13:9E,h16km,21km,ML2.9,
mb4.5/5,mb4.8/2,ML4.1/5,Mw(mB)3.8/2
ISC 25 19:12:46.4z,1.6,0:92S:0:09:133:4E,0.1,h29km,n19,
c25/18,mb3.6/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SIJI, SUJI, SWI, SWI, FAKI, BNDI, MSAI, LBMI, KAKU, MTN, BNTI, KURA, FITZ, WRA, WRA, ASAR, H1N1, H1N2, H1N3, MKAR, ILAR.

IDC 25 19:24:04.8z,1.7,12:35N:92:48E,h0km,mb3.5/5,
mb1 3.6/6,mb1mx3.3/48,mbtmp3.4/6,ML3.1/1,Error
ellipse: s-maj=64.7km s-min=20.6km az=63.0
ISCJB 25 19:24:07.1z,1.2,12:55N:0:1:92:7E,0.2,h26km,mb3.4/5,
Error ellipse: s-maj=30.8km s-min=16.8km az=161.4
ISC 25 19:24:09.1z,1.6,12:4N:0:2:92:6E,0.2,h26km,n9,c0819/6,
mb3.5/5,Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CMAR, H0S3, H0S2, H0S1, MKAR, KURBA, FITZ, WRA, ASAR.

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RORO Imperia 0.56 265 S
IMI Imperia 0.56 265 S
PCP Piancastagn 0.59 351 P
PCP 27nm,0.2s
PCP Piancastagn 0.59 351 P
PCP 27nm,0.2s
NEGI Sebarga 0.71 261 P
NEGI SC2M Scurtabo 0.77 54 P
SC2M Scurtabo 0.77 54 P
SC2M Sospel 0.90 264 ePn
SBF SBF 69nm,0.2s
SBF SBF 0.90 264 ePn
SBF SBF 34nm,0.2s
STV Santa Anna di V 1.01 287 P
STV 12nm,0.2s
STV Santa Anna di V 1.01 287 P
STV 12nm,0.2s
DOI San Damiano 1.16 299 P
DOI 26nm,0.3s
DOI San Damiano 1.16 299 P
DOI 26nm,0.3s
PZZ Stroppo 1.24 297 P
PZZ Stroppo 1.24 297 P
PZZ Stroppo 1.24 297 P
PGF Pioggia 1.43 170 ePn
PGF Pioggia 1.5nm,0.2s
PGF Pioggia 1.43 170 ePn
FRF La Foret Royal 1.52 255 ePn
FRF 7.0nm,0.2s
FRF La Foret Royal 1.52 255 ePn
FRF 3.5nm,0.2s
MBDF Montbardon 1.56 300 ePn
MBDF 15nm,0.6s
MBDF Montbardon 1.56 300 ePn
MBDF 7.5nm,0.6s
LMR La Moure 1.69 249 ePn
LMR 5.0nm,0.2s
LMR La Moure 1.69 249 ePn
LPG La Plagne 2.06 319 ePn
LPG 3.6nm,0.5s
LPG La Plagne 2.06 319 ePn
LPG 1.8nm,0.5s
LPL La Plagne 2.08 319 ePn
LPL 1.8nm,0.3s
LPL La Plagne 2.08 319 ePn
ORIF Ori-en-Rattie 2.21 297 ePn
ORIF 0.9nm,0.3s
ORIF Ori-en-Rattie 2.21 297 ePn
ORIF 3.5nm,0.4s
ORIF Ori-en-Rattie 2.21 297 ePn
SMRF Simiane la Rot 2.23 271 ePn
SMRF 1.8nm,0.4s
SMRF Simiane la Rot 2.23 271 ePn
SMRF 4.2nm,0.4s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DOI, PZZ, PGF, FRF, MBDF, LMR, LPG, LPL, ORIF, SMRF.

IDC 25 19:44:23.7z,0.5,1:88S:136:30E,h0km,mb4.4/16,
mb1 4.5/20,mb1mx4.4/25,mbtmp4.4/20,ML3.9/3,MS3.5/14,
Ms1 3.5/14,ms1mx3.2/35,Error ellipse: s-maj=18.8km
s-min=12.4km az=62.0
AUST 25 19:44:24.3z,2.2,0:04S:136:29E,h0km,Error ellipse:
s-maj=1.0km s-min=1.0km az=250.0
NEIC 25 19:44:24.5z,2.8,1:88S:136:32E,h7km,18km,mb4.6/8,
NEIC Felt [V] at Serui, Papua.
ISCJB 25 19:44:26.8z,0.2,1:92S:0:04:136:32E,0.03,h33km,
mb4.4/25,MS3.5/9,Error ellipse: s-maj=5.2km
s-min=3.7km az=9.6
DJA 25 19:44:27.7z,0.3,2:54z:13:6E,h10km,ML4.6/26,
mb4.6/26,mb5.1/12,MLV4.9,MLV4.9,Mw(mB)4.4/12
ISC 25 19:44:28.8z,0.4,1:99S:0:05:136:33E,0.04,h35km,n93,
c184/91,mb4.5/24,MS3.6/9,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KMPI, GENI, FAKI, FAKI, FAKI, JAY, JAY, SUJI, SUJI, SWI, SWI, BNDI, BNDI, MSAI, SAUI, LBMI, NLAI, TNTI, PALU, SANI, KDU, MTN, PMG, GTOI, LUWI, LUWI, COEN, COEN, MRSI, APSI.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, KNRA Kunurra, EDPI Ende Flores, etc.

AUST 25 19:56:01.6.1.1.12S:136.91E, h21km, 2km, Error ellipse: s-maj=3.6km s-min=1.3km az=337.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, SIJU Sorong, MMPI Merauke, etc.

BYKL 25 20:11:29.5:0.2.53:32N:108.49E MOS 25 20:11:28.6:0.8.53:29N:108.53E, h11km, mb4.4/1, 4C-8D, Error ellipse: s-maj=14.6km s-min=9.2km az=62.2, Lake Baykal region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SYVR Suvo, YLVR Ulyunxhan, NIZ Nizh Angarsk, etc.

25d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARS Arshan, SVKR Severomysk, KPC Khapcheranga, MOY Mondy, NLYR Nelyaty, ORL Oriik, ULN Ulanbaatar, TUP Tupik.

DDA 25 20:51:25.8, 38.83N, 26.22E, h15km, Md2.6
ISCJB 25 20:51:26.1, 0.6, 38.84N, 0.03, 26.35E, 0.06, h1km, 14km,
Error ellipse: s-maj=8.4km s-min=4.5km az=175.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOS Chios island, SIGR SIGRI, AYVA Ayvalik, ZYU Zeytinokoy-Aydi, AKS Akhisar, YER Yerkesik, BALY Balya.

DDA 25 20:51:57.0, 2.1, 15.25S, 177.53W, h0km, mb3.5/5,
mb1 3.8/5, mb1mx3.6/24, mbtmp3.5/5, MS2.7/1, Ms1 2.7/1,
ms1mx2.3/26, Error ellipse: s-maj=132.2km
s-min=23.6km az=144.0, Fiji Islands region

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, ILAR Eilem Arr, MEX 25 20:52:38.7, CAIG El Cayaco, ZIIG Zihuatanejo, MEIG Mezcala, PLIG Platanillo, TLIG Tiapa, PNIG Pinotepa, YAIG Yautepac.

ISCJB 25 21:17:55.0, 0.6, 37.87N, 0.04, 27.30E, 0.04, h12km, 5km,
Error ellipse: s-maj=6.6km s-min=5.3km az=173.4
CSEM 25 21:17:54.7, 0.2, 37.86N, 27.31E, h12km, MD2.7, Error
ellipse: s-maj=5.3km s-min=4.1km az=27.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCAM G?zelcami?, AYDB Zeytinokoy-Aydi, IZM Izmir, ZYU Zeytinokoy-Aydi, AKS Akhisar, YER Yerkesik, BALY Balya.

DDA 25 21:18:05.2, 4.0, 12.50N, 141.87E, h30km, 5km, mb3.8/6,
mb1 4.0/6, mb1mx3.5/51, mbtmp4.0/6, MS2.6/4, Ms1 2.6/4,
ms1mx2.5/38, Error ellipse: s-maj=105.8km
s-min=31.0km az=163.0, South of Mariana Islands

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, JNU Natsuke, MJAR Makanchi Arr, KSRS Korea Arr, CMAR Chiang Mai Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arr, ILAR Eilem Arr, FINES FINESS Array B.

GUC 25 21:56:42.6, 0.5, 34.35S, 73.36W, h31km, 4km, ML3.8,
2C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, LNV Longovilo, NICH Los Niches, CHCH Chodas Angostu, RCDM Rinconada Maip, ANTU Antumapu, PEL Peldehue.

ISCJB 25 21:58:16.2, 0.8, 11.9N, 0.2, 43.91E, 0.10, h4km, mb3.9/9,
MS2.8/3, Error ellipse: s-maj=24.9km s-min=8.6km
az=153.4

ISC 25 21:58:16.7, 1.1, 11.84N, 0.43, 44E, h0km, mb4.0/9,
mb1 4.1/9, mb1mx3.7/37, mbtmp3.9/9, MS2.9/5, Ms1 2.9/5,
ms1mx2.6/33, Error ellipse: s-maj=34.1km s-min=14.5km
az=157.0

ISC 25 21:58:17.7, 1.0, 11.9N, 0.2, 43.9E, 0.1, h4km, n14,
a1818/11, mb3.9/9, MS2.9/3, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, KMBO Kilima Mbozo, EIL Eilem Arr, GEYT Alibeck, BRTR Keskin Arr B, KBZ Khabaz, AAK Ala-Archa, TORD Torodi Arr, GERES GERS Array B, MKAR Makanchi Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, SONM Songino Arr, NOA Norsar Arr.

CSEM 25 22:10:02.1, 1.4, 36.45N, 41.06E, h2km, MD2.9, Error
ellipse: s-maj=30.3km s-min=15.2km az=13.0
DDA 25 22:10:02.5, 36.49N, 41.06E, h7km, MD2.7
ISK 25 22:10:04.8, 36.75N, 41.21E, h11km, MD2.9
ISC 25 22:10:02.1, 2.3, 36.5N, 0.1, 41.05E, 0.05, h5km, n15,
a09292, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAZI Mazidag, BATM Batman, SIRM Sirmak, SIRT Sirmak, DYBB Diyarbakir, SVAN Sivran-Diyarba, SVRC Sivrice-ELAZID.

CASC 25 22:29:23.8, 2.1, 12.99N, 89.01W, h38km, 999km, MD3.8,
ML3.7, 2C-4D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LFRS El Faro, SNVI San Vicente, SNET Serv Nac Est T, LBRS Las Brisas, BOQS Boqueron, VSM San Miguel, SBL San Blas.

25d 23h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MOS, TREC, KRLC, BOSHA, DPC, etc.

2010 NOV

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like GTA, KMI, KRAR, LZH, SONM, etc.

1250

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, BOOM, KK31, TKM2, PDGK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS, MJAR, CMAR, MKAR, MKAF, BVAR, ASAR, ILAR, NVAR, BOSAR.

MEX 25 23:43:19.9-0.8, 18.09N, 101.89W, h5km, MD3.8, Guerrero. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NNC 25 23:59:01.6-3.6, 39.08N, 70.92E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=3.4, s-min=2.1, 3km az=49.0, ISC 25 23:59:08.4-2.2, 39.59N, 02-70.9E, 0.2, h10km, n13, $\phi=91/15, 7C, Tajikast$

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, KK32, KK33, EKS2, UCH2, AAK, AAK, AAK, KZA, KBK, CHMS, USP, TKM2, TKM2, TKM2, AB31, AB31.

IDC 26 00:03:33.0-9.9, 17.39S, 174.98E, h0km, mb4.3/3, mb1 4.5/4, mb1mx3.9/38, mbtmp4.4/4, ML4.1/1, Error ellipse: s-maj=190.2km s-min=97.9km az=107.0, Fiji Islands region

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

AUST 26 00:04:55.8-14.0, 23.89S, 179.36W, h493km, Error ellipse: s-maj=8.6km s-min=3.6km az=258.0, ISCJB 26 00:05:00.3-0.5, 24.44S, 179.92W, h505km, mb3.9/13, Error ellipse: s-maj=11.8km s-min=8.5km az=28.5

IDC 26 00:05:00.9-1.4, 24.47S, 179.93W, h508km, 1gkm, mb3.5/14, mb1 3.8/17, mb1mx3.6/40, mbtmp4.5/17, Error ellipse: s-maj=17.3km s-min=14.0km az=131.0, ISC 26 00:05:00.6-0.6, 24.49S, 0.09, 180.00W, 0.09, h505km, n39, $\phi=135/46, mb3.7/13, South of Fiji Islands$

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, AFI, URZ, RPZ, EIDS, CMSA, QLP, MTSU, STKA, COEN, BBOO, ASAR, ASAR, WRA, WRA, WRA, JAY, KDU, WRKA, MTN, KNRA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI, MEEK, MJAR, KSRS, PETK, USRK, NVAR, CMAR, TXAR, ILAR, PDAR, MKAR, KURBB, BVAR, ARCES, FINES, FINES, AKASG, BRTR, BRTR, GERES, TORD.

ISCJB 26 00:12:31.2-0.1, 11.55N, 0.03-86.09W, 0.03, h117km, 1km, mb4.5/4, Error ellipse: s-maj=5.7km s-min=2.4km

CASC 26 00:12:32.7-1.4, 11.55N, 86.12W, h93km, 5km, MD4.3, ML3.6, mb4.7(NEIC)

IDC 26 00:12:32.3-0.8, 11.76N, 85.82W, h114km, 6km, mb3.9/16, mb1 4.1/17, mb1mx3.9/32, mbtmp4.3/17, MS3.2/4, Ms1 3.3/4, ms1mx2.8/29, Error ellipse: s-maj=22.2km s-min=9.1km az=56.0

BUI 26 00:12:33.1, 11.50N, 86.10W, h123km, mb5.0/3, NEIC 26 00:12:33.3-0.6, 11.52N, 86.10W, h127km, 6km, mb4.7/46, Error ellipse: s-maj=7.5km s-min=4.3km az=213.0, NEIC Feit at San Juan del Sur and Tola. Also feit at Sardinal, Costa Rica and at San Salvador, El Salvador

ISC 26 00:12:31.7-0.5, 11.58N, 0.04-86.09W, 0.05, h110km, 4km, n526, $\phi=90/558, mb4.5/54, 4C-4D, Near coast of Nicaragua$

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASN, CONN, MGAN, COPN, MOMM, BOAB, BOAB, BOAB, GBS2, GBS3, GB1A, GB1A, BUEV, LAFPC, LAFPC, NY14, GPS1, GPS2, GPS3, GPS3, GPS2, GPS2, CNGN, CNGN, LIM1, LIM1, GUBAB, MESS, MESS, TEL3, HORNC, COLC, CUJ, PTEN, AMAS, CRIN, CRIN, CRIN, VCR, VCR, CHPA, BANL, JTS, JTS, CEDE, CASO, FORC, JCR, JCR, JCR, COBAN, CGA2, CNCH, TGUH, TGUH, TGUH, TGUH, VSM, QCR, QCR, CAHU, CAHU, BUS, BUS, SNVI, LFRS, LFRS, LFRS, LFRJ, SNET, SNET, SNET, BOQS, SBL, SBL, SBL, RTR, RTR, RTR, CTRC, CTRC, MTOZ, RBDL, RBDL, BRUZ, BRUZ, TBS2, TBS2, MRL, MRL, PUG, PUG, FUG, FUG, BCIP, AZU, AZU, UPG, UPG, CMIG, CMIG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROSC, TLI, OTAV, LCHN, PAPH, SDV, SDDR, MOIG, BANI, O35Z, 936A, 035A, ZAIG, 738A, 034A, MPR, LSP, 737A, 934A, AOPR, OBIP, TIGA, ICMF, 835A, 540A, 736A, 539A, 834A, 933A, SJG, SJG, SJG, 735A, CPD, 636A, HUMP, 537A, 439A, 734A, 635A, 833A, 833A, 438A, 733A, 634A, 832A, 339A, 535A, LRAL, 732A, 338A, STVI, 436A, 633A, 337A, 534A, 239A, GOGA, 435B, 336A, 238A, 533A, 336A, 237A, 434A, 335A, 631A, 139A, 236A, 138A, 433A, 334A, JCT, JCT, JCT, 137A, 531A, Z38A, SMRT, 237A, 530A.

26d 0h

431A	Sonora	23.29	327	P	P	00 17 30.5 +0.6
135A	Vickery Place,	23.33	335	P	P	00 17 31.2 +1.0
332A	Millersview	23.40	329	P	P	00 17 31.7 +0.8
Y39A	Lockesburg	23.43	343	P	P	00 17 32.2 +1.1
233A	Rising Star	23.52	332	P	P	00 17 32.8 +0.8
SWET	Sewanee	23.53	0	eP	P	00 17 32.6 +0.6
Z36A	Blue Ridge	23.58	338	P	P	00 17 33.4 +1.0
Y38A	Idabel	23.61	342	P	P	00 17 33.7 +1.1
134A	White-Moore Ra	23.63	334	P	P	00 17 33.8 +0.9
331A	San Angelo	23.69	328	P	P	00 17 34.5 +1.0
430A	Baggett Ranch,	23.71	326	P	P	00 17 34.7 +0.9
232A	Coleman	23.77	330	P	P	00 17 34.9 +0.7
529A	Stev Forest	23.77	323	P	P	00 17 34.7 +0.4
CPCT	Cooper Cave	23.81	3	eP	P	00 17 35.4 +0.9
KMSC	Kings Mountain	23.85	10	P	P	00 17 36.2 +1.3
KMSC	Kings Mountain	23.85	10	eP	P	00 17 34.6 -0.2
MIAR	Mount Ida	23.86	345	P	P	00 17 36.1 +1.1
MIAR	Mount Ida	23.86	345	eP	P	00 17 35.2 +0.3
HPIC	Hugo	23.92	312	eP	P	00 17 37.1 +1.2
Y37A	Perchaven, San	23.94	340	P	P	00 17 36.9 +1.3
Z35A	Perchaven, San	23.95	336	P	P	00 17 37.0 +1.2
429A	Davenport Ranc	23.96	325	P	P	00 17 36.6 +0.6
133A	Hamilton Ranch	24.02	333	P	P	00 17 37.5 +1.0
TKL	Tuckaleechee C	24.06	5	P	P	00 17 37.7 +0.9
TXAR	Lajitas Arroyo	24.09	320	P	P	00 17 38.7 +1.4
TXAR	Lajitas Ar. Si	24.09	320	eP	P	00 21 16.9 +1.0
TX31	Durant	24.09	339	P	P	00 17 37.9 +0.6
Y36A	Durant	24.09	339	P	P	00 21 17.0 +1.1
231A	Bronite	24.14	329	P	P	00 17 38.3 +1.2
330A	Mertzon	24.16	327	P	P	00 17 38.5 +1.0
Z34A	Collier Ranch,	24.25	335	P	P	00 17 39.7 +1.2
ANWB	Willie Bob	24.27	73	eP	P	00 17 38.5 -0.3
X38A	Whitesboro	24.33	342	P	P	00 17 40.4 +1.3
ABTX	Abilene, Hawle	24.37	331	P	P	00 17 40.6 +0.9
ABTX	Abilene, Hawle	24.37	331	eP	P	00 17 40.3 +0.7
Y35A	Marietta	24.38	337	P	P	00 17 40.7 +1.1
X37A	Clayton	24.42	341	P	P	00 17 41.1 +1.1
WVT	Waverly	24.49	357	eP	P	00 17 40.6 -0.1
230A	Sterling City	24.51	328	P	P	00 17 41.8 +0.8
Z33A	Whitaker Ranch	24.53	334	P	P	00 17 42.1 +1.0
W38A	Poteau	24.61	343	P	P	00 17 42.8 +1.1
329A	Wagon Wheel Ra	24.66	326	P	P	00 17 43.2 +0.8
Y34A	Reagan Ranch,	24.70	336	P	P	00 17 43.6 +1.0
X36A	Centrahoma	24.73	339	P	P	00 17 43.9 +1.1
131A	Roby	24.77	330	P	P	00 17 44.1 +0.8
X35A	Drake	24.79	338	P	P	00 17 44.5 +1.0
Z32A	Haskell	24.87	333	P	P	00 17 45.1 +1.0
229A	Bryant Ranch,	24.94	327	P	P	00 17 45.5 +0.7
W37A	Quinton	24.94	342	P	P	00 17 45.9 +1.1
TZTN	Tazewell	24.96	5	eP	P	00 17 46.8 +1.8
130A	Snyder	24.99	329	P	P	00 17 46.0 +0.7
Z31A	Hilltop Ranch,	25.09	335	P	P	00 17 47.1 +0.9
Z31A	Sharp Cattle R	25.18	331	P	P	00 17 48.0 +0.9
W36A	Wetumka	25.20	340	P	P	00 17 48.0 +0.9
X34A	Smith Ranch, M	25.29	337	P	P	00 17 48.7 +0.7
Y38A	Canehill	25.32	344	P	P	00 17 49.0 +0.8
W35A	Tecumseh	25.43	339	P	P	00 17 49.5 +0.3
Y32A	R-V Farms, Ver	25.44	333	P	P	00 17 49.9 +0.6
228A	UT Block 9, Go	25.48	326	P	P	00 17 50.2 +0.5
129A	Stewart Farms,	25.48	328	P	P	00 17 50.2 +0.3
X33A	Lawton	25.50	336	P	P	00 17 50.8 +0.9
V37A	Hulbert	25.55	343	P	P	00 17 50.5 +0.3
Z30A	Sanderson Ranc	25.63	330	P	P	00 17 51.9 +0.8
V36A	Jenks	25.70	341	P	P	00 17 52.6 +0.9
X32A	Elmer	25.73	334	P	P	00 17 52.7 +0.8
TUL1	Tulsa	25.77	342	eP	P	00 17 53.0 +0.8
TUL1	Tulsa	25.77	342	eP	P	00 17 52.3 0.0
Y31A	Rekieta Farm,	25.77	332	P	P	00 17 53.1 +0.8
WMOK	Wichita Mounta	25.79	335	eP	P	00 17 52.9 +0.4
128A	Castleberry Fa	25.80	327	P	P	00 17 53.4 +0.7
W34A	Bridge Creek,	25.83	338	eP	P	00 17 53.7 +0.8
W34A	Bridge Creek,	25.83	338	eP	P	00 17 52.7 -0.2
U38A	Gravette	25.86	345	P	P	00 17 54.1 +1.0
Z29A	Hungry Hill Ra	25.90	329	P	P	00 17 54.2 +0.6
V35A	Meyer Ranch, C	25.97	340	P	P	00 17 54.3 +0.2
Y30A	Stafford Catti	26.00	331	P	P	00 17 55.0 +0.6
W33A	Caddo, Fort Co	26.02	336	P	P	00 17 54.9 +0.3
BLA	Blacksburg	26.03	10	eP	P	00 17 55.2 +0.6
U37A	Salina	26.03	343	P	P	00 17 55.2 +0.6
U36A	Oologah	26.20	342	P	P	00 17 57.0 +0.9
X31A	McDonald Ranch	26.20	333	P	P	00 17 57.1 +0.9
Z28A	Tucker Farm, M	26.27	328	P	P	00 17 57.1 +0.1
W32A	Sentinel	26.31	335	P	P	00 17 58.0 +0.8
X30A	Coker Ranch, T	26.45	332	P	P	00 17 59.3 +0.8
U35A	Pawnee	26.49	340	P	P	00 17 59.5 +0.7

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WCI	Wyandotte Cave	26.54	360	eP	P	00 17 58.3 -0.9
V33A	Lossen Ranch,	26.54	337	P	P	00 18 00.1 +0.8
T37A	Cheyville 18	26.65	344	P	P	00 18 00.7 +0.5
W31A	Holland Ranch,	26.66	334	P	P	00 18 01.0 +0.6
V32A	Arapaho	26.75	336	P	P	00 18 01.7 +0.6
CCM	Cathedral Cave	26.77	351	eP	P	00 18 00.2 -1.0
MNTX	Cornudas Mount	26.79	321	P	P	00 18 01.7 +0.1
MNTX	Cornudas Mount	26.79	321	eP	P	00 18 01.7 +0.1
U34A	Anderson Ranch	26.82	339	P	P	00 18 02.5 +0.7
T36A	Boggs Farm, Ca	26.86	342	P	P	00 18 02.7 +0.6
T35A	Sooner Cattle	26.92	341	P	P	00 18 03.7 +1.1
W30A	Crocket Farms	26.93	333	P	P	00 18 03.6 +0.8
MSTX	Muleshoe	27.00	328	P	P	00 18 04.3 +0.8
MSTX	Muleshoe	27.00	328	eP	P	00 18 02.4 -1.1
U33A	Lingo Farm, Me	27.02	338	P	P	00 18 04.3 +0.8
OLIL	Olney	27.10	357	eP	P	00 18 03.3 -0.9
V31A	Spring Creek L	27.12	335	P	P	00 18 05.0 +0.5
AMTX	Amarillo	27.19	331	P	P	00 18 05.8 +0.6
S37A	Fort Scott	27.22	345	P	P	00 18 06.0 +0.7
T34A	McClaskey Farm	27.23	340	P	P	00 18 06.0 +0.6
U32A	Winter Ranch,	27.31	337	P	P	00 18 07.0 +0.8
S36A	Lake Cedric, C	27.39	343	P	P	00 18 07.8 +1.0
V30A	Spur Ranch, Mi	27.47	334	P	P	00 18 08.5 +0.9
B30A	Bloomington	27.48	359	eP	P	00 18 08.2 +0.6
S35A	Otter Creek Ra	27.57	342	P	P	00 18 08.8 +0.4
U31A	Nine Bar Ranch	27.64	336	P	P	00 18 09.3 +0.3
T33A	Patterson Ranc	27.65	339	P	P	00 18 09.7 +0.5
R37A	Teagarden Farm	27.75	345	P	P	00 18 10.8 +0.8
S34A	Willow Spring	27.83	341	P	P	00 18 11.3 +0.6
R36A	Gordon, Harris	27.93	344	P	P	00 18 12.0 +0.4
T32A	Huddler Ranch,	27.98	338	P	P	00 18 13.1 +0.9
S33A	Kaszaul Farm,	28.02	340	P	P	00 18 13.1 +0.7
U30A	WK&E Inc. Balk	28.10	335	P	P	00 18 13.9 +0.7
Q37A	Longview Farm,	28.19	346	P	P	00 18 14.8 +0.9
T31A	Randall Ranch,	28.20	337	P	P	00 18 15.0 +1.0
U29A	Oasis Ranch, S	28.30	334	P	P	00 18 16.1 +1.0
R34A	Isabella, Hill	28.42	341	P	P	00 18 17.1 +1.2
S32A	Newby Ranch, P	28.45	338	P	P	00 18 17.1 +0.9
T30A	Plains	28.50	335	P	P	00 18 17.4 +0.7
MCWV	Mont Chateau	28.51	10	eP	P	00 18 18.5 +1.7
Q36A	Arnold C. Orve	28.52	345	P	P	00 18 18.0 +1.2
Q35A	Merced Eighty,	28.58	344	P	P	00 18 18.3 +0.9
S31A	Mullinville	28.58	337	P	P	00 18 18.3 +0.8
R33A	Olander Ranch,	28.66	340	P	P	00 18 19.1 +0.9
ACSO	Alum Creek Sta	28.67	5	eP	P	00 18 19.6 +1.4
PTGA	Pittinga	28.69	114	P	P	00 18 18.3 -0.3
PTGA	Pittinga	28.69	114	eP	P	00 18 17.8 -0.8
SFIN	Scholar Farm	28.70	358	P	P	00 18 19.8 +1.4
SFIN	Scholar Farm	28.70	358	eP	P	00 18 19.1 +0.7
121A	Cookes Peak, D	28.86	320	P	P	00 18 20.2 +0.1
Q34A	Chapman	28.90	342	P	P	00 18 21.2 +1.1
T29A	Hugoton	28.91	334	P	P	00 18 21.2 +0.8
KSU1	Kansas State U	28.96	343	P	P	00 18 21.8 +1.0
S30A	Montezuma	28.98	336	P	P	00 18 21.9 +0.9
HDIL	Hopedale	29.00	355	P	P	00 18 22.1 +1.0
HDIL	Hopedale	29.00	355	eP	P	00 18 21.0 -0.1
R32A	Long Quarter,	29.01	339	P	P	00 18 21.9 +0.7
P36A	Good Intent, A	29.08	345	P	P	00 18 22.4 +0.6
Q38A	Galt	29.17	348	P	P	00 18 23.8 +1.2
R31A	Burdett	29.18	338	P	P	00 18 23.8 +1.0
P35A	Duane Minner,	29.20	344	P	P	00 18 24.0 +1.1
S29A	Ulyesses	29.23	335	P	P	00 18 24.1 +0.9
Q33A	Connelly Farm,	29.24	341	P	P	00 18 23.8 +0.6
BNM	Barren Site	29.26	323	eP	P	00 18 24.6 +0.9
O37A	Wolven Farm, M	29.35	347	P	P	00 18 25.5 +1.3
Y22D	IRIS PASSCAL I	29.38	323	P	P	00 18 24.9 +0.2
P34A	Walnut Farm, R	29.44	343	P	P	00 18 25.9 +0.9
R30A	Dighton	29.46	337	P	P	00 18 26.0 +0.7
Q32A	Meltler Ranch,	29.47	340	P	P	00 18 26.4 +1.0
O36A	Bolckow	29.50	346	P	P	00 18 26.5 +0.9
S28A	Manter	29.53	334	P	P	00 18 26.6 +0.7
P33A	Williams Farm,	29.60	342	P	P	00 18 27.3 +0.9
CBK5	Cedar Bluff	29.73	338	P	P	00 18 28.5 +0.9
N39A	Derby Farms, D	29.73	350	P	P	00 18 28.6 +1.1
ANMO	Albuquerque	29.73	325	P	P	00 18 28.2 +0.4
Q31A	Ellis	29.77	339	P	P	00 18 29.3 +1.3
N38A	Joes South For	29.77	349	P	P	00 18 29.3 +1.4
O35A	Humboldt	29.86	345	P	P	00 18 29.8 +1.0
N37A	Lee Faris, Mou	29.93	348	P	P	00 18 30.7 +1.3
Q30A	Quinter	30.05	338	P	P	00 18 31.5 +1.0
P32A	Huittin Farm,	30.06	340	P	P	00 18 31.3 +0.8
R28A	Tribune	30.13	335	P	P	00 18 31.9 +0.7
O33A	Helbron	30.15	342	P	P	00 18 32.1 +0.8
P31A	Stockton	30.23	339	P	P	00 18 33.1 +1.1
Q29A	Oakley	30.26	337	P	P	00 18 33.2 +0.9

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T25A	Trinidad	30.32	330	P	P	00 18 33.3 +0.3
N35A	Tabor	30.36	346	P	P	00 18 33.9 +0.9
M38A	Pleasantville	30.37	349	P	P	00 18 34.5 +1.3
M37A	Trindle Farm,	30.52	348	P	P	00 18 35.4 +0.8
O32A	Brockman Farm,	30.53	341	P	P	00 18 35.5 +0.9
N34A	Lincoln	30.55	344	P	P	00 18 35.9 +1.1
P30A	Selden	30.56	338	P	P	00 18 35.6 +0.7
SAML	Samuel	30.57	131	eP	P	00 18 33.5 -1.7
N33A	J					

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like IRM Iron Mountain, F36A Milaca, I28A Midland, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like BMN Battle Mountain, DGMT Dagmar, HLID Hailu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like PLCA comp=Z,0.1nm,0.3s,ba=78,slow=11,SNR=3.1, TROA Torquist, LVC comp=Z,1.1nm,0.6s, etc.

NEIC 26:00:40:36.6, 16:31N-94:72W, h76km, MD4.0(MEX), After MEX.

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

TIF 26:00:48:21.6, 41:00'N-45:42'E, h18km, 4km CSEM 26:00:48:22.0, 40:49'N-45:36'E, h2km, MD3.0, Error ellipse: s-maj=18.0km s-min=7.1km az=117.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like DGRG David-gareji, DGRG David-gareji, DGRG David-gareji, etc.

ISCJB 26:01:07:00.9, 3, 31:21'N-0:03:49:67E, 0:04, h10km, mb3.8/17, Error ellipse: s-maj=5.1km s-min=4.5km az=8.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, etc.

NEIC 26:00:58:0.7, 32:35'S-0:03:71:77W, 0:07, h69km, 7km, mb4.1/5, Error ellipse: s-maj=10.5km s-min=5.3km az=13.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res. Includes stations like SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, etc.

26d 1h

Table with columns: IZEF, Zefreh, comp, 2.79, 54, e, Pg, 01 08 06.5 +11, 01 08 37.5, 01 08 40.1, 01 08 31.7 +2.5, 01 08 34.2, 01 08 35.1, 01 07 50.8 +0.1, 01 07 50.8 +0.1, 01 07 54.9 +1.6, 01 08 50.8, 01 08 56.4, 01 07 54.8 +1.6, 01 08 42.9 +2.9, 01 09 07.3, 01 09 17.1, 01 07 56.7 +1.9, 01 09 02.4, 01 09 04.2, 01 09 15.3, 01 07 56.7 +1.9, 01 07 58.0 +3.0, 01 07 56.7 +0.8, 01 07 56.7 +0.8, 01 08 06.5 +2.5, 01 08 41.9, 01 08 59.2, 01 07 59.4 +2.9, 01 08 45.2, 01 08 55.9, 01 09 01.0, 01 07 59.4 +2.9, 01 07 58.2 +1.1, 01 09 06.0, 01 09 09.0, 01 09 11.9, 01 07 58.2 +1.1, 01 08 55.3 +5.3, 01 09 17.9, 01 09 25.5, 01 09 17.8 +7.8, 01 09 20.3, 01 09 22.9, 01 09 10.2 +0.2, 01 09 17.5, 01 08 05.4 +1.1, 01 09 14.6, 01 09 26.5, 01 08 05.7 +0.9, 01 09 27.9, 01 08 05.7 +0.9, 01 08 04.8 -0.6, 01 08 04.8 -0.6, 01 08 07.3 +1.7, 01 08 56.3, 01 08 58.8, 01 08 09.0 +2.3, 01 08 59.0, 01 08 08.4 +1.7, 01 09 28.9, 01 09 39.5, 01 08 08.4 +1.7, 01 09 01.1 +4.3, 01 09 05.4, 01 09 05.5, 01 08 09.7 +1.5, 01 09 04.2, 01 09 04.9, 01 08 09.7 +1.5, 01 09 35.4 +2.0, 01 09 44.9, 01 10 00.3, 01 08 18.6 +3.3, 01 08 16.1 0.0, 01 09 18.3, 01 08 16.1 0.0, 01 08 18.1 +0.3, 01 08 20.0, 01 08 20.4, 01 08 20.5, 01 08 18.1 +0.3, 01 08 22.8 +4.9, 01 09 53.7 +7.9, 01 10 05.4, 01 08 24.6 +2.4, 01 08 30.9 -5.7, 01 08 40.5, 01 10 01.5, 01 08 22.9 -0.2, 01 08 31.2, 01 08 35.4, 01 09 38.1 -0.4, 01 08 30.3 +0.8, 01 08 41.1 +6.9, 01 08 49.1, 01 10 53.3, 01 08 38.5 +0.9, 01 10 09.0 -2.0

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Table with columns: BTHS, Sfrayin, 7.29, 171, P, Pn, 01 08 49.0 +0.9, 01 09 11.3 -0.6, 01 09 21.6, 01 09 26.6, 01 09 11.3 -0.6, 01 09 17.8 -2.5, 01 13 24.1, 01 09 36.3 -1.3, 01 11 29.5 -1.0, 01 12 25.2, 01 16 03.8, 01 16 09.5, 01 10 41.2 +0.8, 01 11 33.3 -2.4, 01 11 47.0 +1.1, 01 12 07.7 +3.3, 01 12 10.7 +4.4, 01 12 09.5 +2.8, 01 12 11.0 +1.7, 01 12 11.6 +2.3, 01 12 17.0 +2.6, 01 12 16.0 +1.2, 01 12 20.0 -2.0, 01 12 25.9 +2.3, 01 12 37.3 +4.0, 01 12 37.6 +2.7, 01 12 36.1 -2.3, 01 12 58.2 -1.9, 01 13 04.5 -1.1, 01 13 42.3 -1.8, 01 13 41.9 -2.2, 01 14 13.0 -1.6, 01 14 25.5 -1.9, 01 14 40.6 -1.1, 01 15 37.5 +0.2, 01 17 27.8 -2.1, 01 19 25.8 -2.9, 01 19 38.6 -1.8, 01 20 28.2 -0.3

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Table with columns: QIZ, 980nm, 15.4s, LE, 3um, 16.337nm, LZ, 3um, 16.337nm, 12.09, 350, eP, S, Pn, 01 25 17.0 +0.7, 01 27 32.0 +1.9, 2um, 16.1s, LN, 1um, 17.9s, LE, 3um, 15.1s, LZ, 3um, 15.1s, 13.59, 162, LR, 0.4nm, 0.3s, baz=194, slow=4.2, SNR=2.2, 14.89, 201, ePn, Pn, 01 25 54.8 +0.1, 01 25 52.8 -2.7, 14.95, 298, P, Pn, 01 26 05.3, 01 26 40.5, 01 26 45.0 +0.3, 01 28 51.0 -6.3, 30nm, 1.0s, PMZ, 250nm, 7.2s, PMZ, 840nm, 14.6s, LN, 2um, 15.2s, LZ, 3um, 14.3s, 15.44, 31, P, Pn, 01 26 03.6 +1.9, 15.44, 31, ePn, Pn, 01 26 02.0 +0.2, 16.46, 348, P, Pn, 01 26 15.5 +0.7, 30nm, 1.0s, PMZ, 380nm, 5.8s, PMZ, 2um, 19.1s, LE, 2um, 19.4s, LZ, 2um, 19.8s, LZ, 17.40, 266, P, P, 01 26 29.9 +2.1, 17.75, 324, P, Pn, 01 26 29.5 -1.5, 01 26 34.0 +2.4, 01 26 38.5 -5.4, 01 29 48.3 +0.4, 01 29 51.5 -2.8, 21nm, 1.8s, PMZ, 550nm, 9.7s, PMZ, 2um, 14.3s, LN, 940nm, 11.4s, LE, 3um, 14.3s, LZ, 3um, 14.3s, 17.95, 290, P, Pn, 01 26 33.0 -0.7, 01 26 44.0 +1.7, 250nm, 3.3s, PMZ, 610nm, 15.1s, LN, 2um, 15.1s, LZ, 2um, 15.5s, LZ, 18.14, 17, P, Pn, 01 26 35.7 0.0, 18.14, 17, P, Pn, 01 26 35.6 0.0, 18.16, 17, P, Pn, 01 26 35.6 -0.3, 0.5nm, 0.3s, baz=206, slow=12, SNR=7.9, 19.19, 338, eP, Pn, 01 26 47.3 -0.1, 01 26 08.5 +6.8, 400nm, 6.2s, PMZ, 2um, 13.7s, LN, 1um, 15.6s, LZ, 2um, 15.2s, LZ, 19.20, 307, eP, P, 01 26 47.5 0.0, 01 26 53.0 -2.9, 01 27 00.0 +1.0, 01 27 05.8 +0.1, 01 30 19.3 -3.7, 50nm, 0.6s, PMZ, 940nm, 5.2s, PMZ, 3um, 16.1s, LN, CD2, 3um, 17.1s, LZ, 4um, 16.1s, LZ, 19.27, 266, P, P, 01 26 46.5 -1.8, 19.44, 175, P, P, 01 26 50.1 -0.1, 19.54, 178, P, Pn, 01 27 00.4 +7.7, 19.74, 263, P, Pn, 01 26 55.9 +0.8, 19.74, 208, eP, Pn, 01 26 54.9 -0.2, 19.77, 274, P, P, 01 26 48.9 -1.6, 19.89, 267, P, Pn, 01 26 58.6 +1.7, 20.33, 348, eP, Pn, 01 26 58.6 -1.1, comp=Z, 50nm, 0.9s, 20.33, 348, eP, P, 01 26 58.6 -1.1, comp=Z, 50nm, 0.9s, 20.33, 348, P, P, 01 27 00.0 +0.1, 20.35, 348, P, P, 01 27 00.0 -1.3, 01 27 10.0 -2.3, 01 30 43.5 -2.8, comp=Z, 18nm, 1.1s, PMZ, comp=Z, 1um, 19.4s, LN, BJI, comp=Z, 430nm, 15.1s, LZ, comp=Z, 1um, 21.2s, 20.85, 48, LR, 01 33 39.6, comp=Z, 578nm, 20.5s, baz=164, slow=32, 20.91, 179, P, Pn, 01 27 08.5 -0.3, 21.03, 273, P, P, 01 27 12.1 +4.4, 21.08, 176, P, P, 01 27 10.4 +2.4, comp=Z, 108nm, 0.9s, comp=Z, 3um, 2um, 21.08, 176, eP, P, 01 27 07.9 -0.1, comp=Z, 78nm, 0.8s, 21.08, 176, eP, P, 01 27 09.9 +0.2, 21.24, 270, P, P, 01 27 09.9 +0.2, comp=Z, 34nm, 1.5s, comp=Z, 707nm, 21.24, 270, P, P, 01 27 10.0 +0.3, comp=Z, 65nm, 2.5s, comp=Z, 2um, 21.24, 270, eP, P, 01 27 10.1 +0.3, comp=Z, 71nm, 1.7s, 21.24, 270, eP, P, 01 27 10.1 +0.4, comp=Z, 71nm, 1.7s, 21.24, 270, eP, P, 01 27 10.1 +0.4, comp=Z, 71nm, 1.7s, 21.28, 269, eP, P, 01 27 10.1 -0.1, 21.28, 269, P, P, 01 27 09.2 -1.1, comp=Z, 0.8nm, 0.3s, baz=240, slow=23, SNR=4.4, 21.28, 269, P, P, 01 35.20 1.1, 21.5s, baz=82, slow=36, 21.41, 261, P, P, 01 27 14.7 +3.1, comp=Z, 6.7nm, 1.5s, comp=Z, 111nm, 21.50, 212, eP, P, 01 27 12.2 -0.3, comp=Z, 1nm, 1.0s, 21.72, 192, P, P, 01 27 23.1 +8.2, 21.79, 263, P, P, 01 27 18.5 +2.8, comp=Z, 8.9nm, 1.3s, comp=Z, 1um, 21.98, 38, P, P, 01 27 18.4 +0.8, comp=Z, 2.2nm, 0.7s, baz=221, slow=8.1, SNR=6.1

Table with columns: Station, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like LZH Lanzhou, HHC Maesarieng, BTTO Baotou, etc.

Table with columns: Station, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like FITZ Fitzroy Crossi, COEN Coen, MBWA Marble Bar, etc.

Table with columns: Station, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like NWAO Narogin (SRO), BBOO Buclelebo, STKA Stephens Creek, etc.

26d 2h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kiev, Mount Meron Ar, BR231 Keskin MP Arra, etc.

ISC 26 01:39:36.4-0.7, 20.13N, 121.58E, h0km, mb3.9/11, mb1.4/12, mb1mx3.9/43, mbtmp3.9/12, ML3.8/1, Error ellipse: s-maj=43.0km s-min=15.1km az=74.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Basco, Pasuquin, Mawson, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Songino Array, Fitzroy Crossi, MKAR Makanchi Array, etc.

ISCJB 26 01:41:19.2-0.4, 20.71S, 0.08:174.39W, 0.09, h10km, mb4.4/23, MS3.6/3, Error ellipse: s-maj=14.3km

NEIC 26 01:41:20.5-7.8, 20.71S:174.34W, h10km, mb4.7/9, Error ellipse: s-maj=11.9km s-min=11.0km az=175.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, RAR Rarotonga, DZM Mont Dzumac, etc.

1256

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Carcaliu, Keskin Array B, VRI Vriociaia, etc.

ISCJB 26 01:48:56.0-0.6, 40.15N, 0.05:31.68E, 0.05, h8km, Error ellipse: s-maj=7.1km s-min=4.9km az=26.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mudurnu, Yenicaga, Sivrihisar-ESK, etc.

WEL 26 02:17:37.0-0.2, 44.46S, 168.27E, h5km, ML3.7/13, 2C-1D, Error ellipse: s-maj=2.0km s-min=1.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Milford Sound, Jackson Bay, Wanaka, etc.

ISC 26 02:40:21.0-2.9, 13.42N, 89.50W, h0km, mb3.6/3, mb1.4/0.3, mb1mx3.5/22, mbtmp3.7/3, Error ellipse: s-maj=64.3km s-min=51.2km az=6.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like San Blas, El Retiro, RNR El Seno, etc.

26d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IVAS Ivanjica, BOVS Bovan, GRUS Gruza, etc.

IDC 26:04:38:26.8,3.2,5.99S;146.84E, h43km,33km, mb3.6/6, mb1 4.0/3, mb1mx3.6/40, mbtmp3.6/3, MS3.3/5, Ms1 3.3/5, ms1mx3.0/25, Error ellipse: s-maj=264.6km s-min=29.8km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, TBI Tubuai, PAE Paea, etc.

NNC 26:04:03:25.6,8.5,37.40N;72.18E, h0km, mb3.6, mpv3.2, 3C-3D, Error ellipse: s-maj=75.3km s-min=32.5km az=157.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZET Dzerino, MNAS Manas, KK31 Karatay Array, etc.

ISCJB 26:04:34:49.7,0.7,10.72N;0.06,-61.95W;0.04, h60km,7km, Error ellipse: s-maj=9.9km s-min=6.2km az=151.3

FUNV 26:04:34:51.6,10.77N;61.94W, h44km, MW2.6 TRN 26:04:34:52.0, 10.81N;61.88W, h44km, MD3.0

ISC 26:04:34:49.5,1.3,10.75N;0.05,-61.97W;0.04, h60km,3km, n13, r15/23, 1D, Trinidad

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TCE Chacachacare, GUV Guiria, TRN Trinidad (W), etc.

IDC 26:04:38:26.8,3.2,5.99S;146.84E, h43km,33km, mb3.6/6,

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mb1 3.8/8, mb1mx3.6/32, mbtmp3.8/8, ML3.9/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/22, Error ellipse: s-maj=36.7km s-min=14.2km az=112.0

NEIC 26:04:38:27.2,2.3,5.97S;146.98E, h48km,20km, mb4.2/3, Error ellipse: s-maj=18.4km s-min=15.5km az=171.0

ISCJB 26:04:38:28.7,0.8,6.10S;0.06,-147.03E;0.1, h78km, mb3.7/7, Error ellipse: s-maj=13.8km s-min=8.9km az=169.9

AUST 26:04:39:14.1,9.22S;145.22E, h200km ISC 26:04:38:30.5,0.9,6.15S;0.08,-147.0E;0.1, h78km, n26, r12/27, mb3.8/7, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG 11nm,0.3s, bazz=328,slow=6.8,SNR=17, etc.

IDC 26:04:33:46.4,5.8,8.05S;158.22E, h77km,67km, mb3.6/6, mb1 3.7/7, mb1mx3.5/33, mbtmp4.0/7, ML4.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.2/21, Error ellipse: s-maj=51.9km s-min=24.0km az=128.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR 177nm,0.3s, bazz=249,slow=15,SNR=5.2, etc.

ISCJB 26:05:50:55.8,1.4,35.6N;0.1,-35.14E;0.06, h16km,16km, Error ellipse: s-maj=17.7km s-min=6.2km az=17.9

DDA 26:05:50:57.4,35.87N;35.15E, h7km, Md2.6 CSEM 26:05:50:57.1,0.7,35.60N;35.20E, h40km, ML2.0, Error ellipse: s-maj=20.1km s-min=6.4km az=21.0

NSSC 26:05:50:59.0,1.1,35.61N;35.37E, h54km,18km, ML2.0 ISC 26:05:50:55.0,1.8,35.58N;0.10,-35.14E;0.05, h26km,14km, n14, r8/28, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARNB Al Arnab, SLNF Slenfeh, SLNF comp=N,147nm,0.5s, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BTCH comp=N,68nm,0.4s, KIZK Mersin, etc.

AUST 26:05:55:35.4,6.48S;130.03E, h100km ISCJB 26:05:55:36.9,0.2,6.45S;0.03,-130.13E;0.03, h146km, mb4.5/5, Error ellipse: s-maj=4.9km s-min=3.4km az=153.8

BUI 26:05:55:37.6,6.40S;130.10E, h125km, mb4.6/11, mb4.9/9 DJA 26:05:55:38.6,0.4,6.53S;13.03E, h166km,16km, M4.8/15, mb4.9/8, MB5.2/7, MLV5.0/15, Mw(mB)4.5/7

NEIC 26:05:55:38.6,0.6,6.43S;130.09E, h147km,5km, mb4.7/28, Error ellipse: s-maj=7.1km s-min=4.6km az=49.0

IDC 26:05:55:38.6,1.6,6.43S;130.06E, h147km,15km, mb3.9/12, mb1 4.1/16, mb1mx4.0/30, mbtmp4.5/16, MS3.0/2, bazz=1.3,0.2, ms1mx2.5/34, Error ellipse: s-maj=15.1km s-min=10.4km az=64.0

ISC 26:05:55:38.3,0.3,6.44S;0.04,-130.17E;0.05, h146km, n127, r12/32, mb4.5/35, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, SAUI Saumlaki, BANDI Bandanaira, etc.

IDC 26:05:55:38.3,0.3,6.44S;0.04,-130.17E;0.05, h146km, n127, r12/32, mb4.5/35, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ 2.9nm,0.3s, bazz=34,slow=9.9,SNR=58, etc.

ISCJB 26:05:50:55.8,1.4,35.6N;0.1,-35.14E;0.06, h16km,16km, Error ellipse: s-maj=17.7km s-min=6.2km az=17.9

DDA 26:05:50:57.4,35.87N;35.15E, h7km, Md2.6 CSEM 26:05:50:57.1,0.7,35.60N;35.20E, h40km, ML2.0, Error ellipse: s-maj=20.1km s-min=6.4km az=21.0

NSSC 26:05:50:59.0,1.1,35.61N;35.37E, h54km,18km, ML2.0 ISC 26:05:50:55.0,1.8,35.58N;0.10,-35.14E;0.05, h26km,14km, n14, r8/28, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARNB Al Arnab, SLNF Slenfeh, SLNF comp=N,147nm,0.5s, etc.

26d 6h

333A	Richland Sprin	62.63 329	P	P	06 16 14.8 +0.4
432A	Menard	62.64 328	P	P	06 16 14.7 +0.2
HPIG		62.66 321	eP	P	06 16 16.4 +1.4
Z37A	Pogue Cattle C	62.71 333	P	P	06 16 15.5 +0.6
Y39A	Lockesburg	62.73 334	P	P	06 16 15.5 +0.5
234A	Clairette	62.80 330	P	P	06 16 15.9 +0.4
530A	J-C Ranch, Com	62.82 326	P	P	06 16 16.1 +0.4
431A	Sonora	62.88 327	P	P	06 16 16.6 +0.4
135A	Vickery Place,	62.94 331	P	P	06 16 17.0 +0.6
Y38A	Idabel	62.98 334	P	P	06 16 17.2 +0.6
332A	Millersview	63.04 328	P	P	06 16 17.3 +0.2
UTMT	University of	63.04 340	eP	P	06 16 17.2 +0.3
MIAR	Mount Ida	63.07 335	P	P	06 16 17.5 +0.3
MIAR	Mount Ida	63.07 335	eP	P	06 16 16.9 -0.3
Z36A	Blue Ridge	63.12 332	P	P	06 16 18.2 +0.6
233A	Rising Star	63.16 329	P	P	06 16 18.4 +0.5
134A	White-Moore Ra	63.25 330	P	P	06 16 19.9 +1.4
529A	Stev Forest Ra	63.25 326	P	P	06 16 20.0 +1.4
430A	Baggett Ranch,	63.28 327	P	P	06 16 20.0 +1.3
331A	San Angelo	63.31 328	P	P	06 16 19.7 +0.8
Y37A	Hugo	63.39 333	P	P	06 16 20.4 +1.2
TX31	Lajitas Ar. Si	63.39 324	eP	P	06 16 20.1 +0.5
TXAR	63.39 324	P	P	06 16 19.7 +0.1	
232A	Coleman	63.41 329	P	P	06 16 20.4 +0.8
429A	Davenport Ranc	63.48 326	P	P	06 16 20.7 +0.5
Z35A	Perchaven, San	63.53 332	P	P	06 16 21.3 +1.1
Y36A	Durant	63.60 333	P	P	06 16 21.6 +0.9
133A	Hamilton Ranch	63.66 330	P	P	06 16 21.5 +0.4
X38A	Whitesboro	63.67 334	P	P	06 16 21.8 +0.7
330A	Mertzon	63.76 327	P	P	06 16 22.0 +0.1
231A	Bronte	63.77 328	P	P	06 16 22.2 +0.4
X37A	Clayton	63.81 334	P	P	06 16 22.4 +0.3
Z34A	Collier Ranch,	63.85 331	P	P	06 16 23.2 +0.8
W38A	Poteau	63.90 335	P	P	06 16 23.0 +0.5
Y35A	Marietta	63.92 332	P	P	06 16 23.2 +0.4
PBMO	Poplar Bluff	63.95 339	eP	P	06 16 22.7 -0.2
MCWV	Mont Chateau,	63.96 349	eP	P	06 16 23.4 +0.5
ABTX	Abilene, Hawle	64.02 329	P	P	06 16 24.0 +0.5
ABTX	Abilene, Hawle	64.02 329	eP	P	06 16 23.7 +0.3
WCI	Wyandotte Cave	64.04 343	eP	P	06 16 22.5 +1.0
230A	Sterling City	64.12 328	P	P	06 16 24.5 +0.3
Z33A	Whitaker Ranch	64.16 330	P	P	06 16 25.1 +0.7
X36A	Centrahoma	64.20 333	P	P	06 16 25.1 +0.5
329A	Wagon Wheel Ra	64.22 327	P	P	06 16 25.2 +0.3
Y34A	Reagan Ranch,	64.28 332	P	P	06 16 25.7 +0.6
W37A	Quinton	64.31 334	P	P	06 16 26.4 +1.0
X35A	Drake	64.32 332	P	P	06 16 26.0 +0.6
131A	Roby	64.41 329	P	P	06 16 26.5 +0.5
Z32A	Haskell	64.50 330	P	P	06 16 27.0 +0.4
229A	Bryant Ranch,	64.53 327	P	P	06 16 27.4 +0.5
V38A	Canehill	64.55 335	P	P	06 16 28.1 +1.3
130A	Snyder	64.62 328	P	P	06 16 28.2 +0.7
W36A	Wetumka	64.64 333	P	P	06 16 28.1 +0.7
Y33A	Hilltop Ranch,	64.70 331	P	P	06 16 28.5 +0.6
Z31A	Sharp Cattle R	64.82 329	P	P	06 16 29.5 +0.8
V37A	Hulbert	64.85 335	P	P	06 16 29.6 +0.8
X34A	Smith Ranch, M	64.86 332	P	P	06 16 29.7 +0.9
W35A	Tecumseh	64.92 333	P	P	06 16 30.1 +0.9
228A	UT Block 9, Go	65.04 327	P	P	06 16 31.2 +1.0
U38A	Grave	65.05 336	P	P	06 16 30.4 +0.3
Y32A	R-V Farms, Ver	65.07 330	P	P	06 16 30.3 +0.1
V36A	Jenks	65.08 334	P	P	06 16 30.6 +0.3
129A	Stewart Farms,	65.09 328	P	P	06 16 30.5 0.0
X33A	Lawton	65.10 331	P	P	06 16 30.5 +0.1
TUL1	Tulsa	65.13 334	P	P	06 16 30.7 +0.1
TUL1	Tulsa	65.13 334	eP	P	06 16 30.2 -0.4
BRYW	Bryant College	65.18 356	eP	P	06 16 31.2 +0.5
Z30A	Sanderson Ranch	65.26 329	P	P	06 16 31.9 +0.3
U37A	Salina	65.30 335	P	P	06 16 32.2 +0.6
X32A	Elmer	65.35 331	P	P	06 16 31.9 -0.2
W34A	Bridge Creek,	65.37 332	P	P	06 16 32.4 +0.2
CCM	Cathedral Cave	65.37 339	eP	P	06 16 31.8 -0.3
WMOK	Wichita Mouna	65.39 331	eP	P	06 16 31.9 -0.4
128A	Castleberry Fa	65.39 327	P	P	06 16 32.9 +0.5
Y31A	Rekieta Farm	65.41 330	P	P	06 16 33.0 +0.5
V35A	Meyer Ranch, C	65.43 333	P	P	06 16 32.5 0.0
Z29A	Hungry Hill Ra	65.52 328	P	P	06 16 33.5 +0.3
U36A	Oologah	65.53 335	P	P	06 16 33.3 +0.2
W33A	Caddo, Fort Co	65.60 332	P	P	06 16 34.5 +0.8
WES	Weston	65.63 356	eP	P	06 16 34.1 +0.5
Y30A	Stafford Cattl	65.64 329	P	P	06 16 34.7 +0.7
V34A	Guthrie	65.77 333	P	P	06 16 34.8 +0.1
V34A	Guthrie	65.77 333	eP	P	06 16 34.7 0.0
X31A	McDonald Ranch	65.84 330	P	P	06 16 35.7 +0.5
T37A	Cheneyville 18	65.85 336	P	P	06 16 35.3 +0.2

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BINY	Binghamton	65.87 352	eP	P	06 16 35.9 +0.7
Z28A	Tucker Farm, M	65.88 328	P	P	06 16 35.5 -0.1
U35A	Pawnee	65.91 334	P	P	06 16 35.8 +0.3
W32A	Sentinel	65.92 331	P	P	06 16 36.3 +0.6
ALLY	Alegheny Cole	65.94 349	eP	P	06 16 36.4 +0.7
V33A	Lossen Ranch,	66.09 332	P	P	06 16 37.7 +0.9
X30A	Colk Ranch, T	66.10 329	P	P	06 16 37.9 +1.0
TRY	Troy	66.15 354	eP	P	06 16 38.0 +1.1
MNTX	Cornudas Mount	66.16 324	P	P	06 16 37.5 +0.3
MNTX	Cornudas Mount	66.16 324	eP	P	06 16 37.1 -0.1
T36A	Boggs Farm, Ca	66.17 335	P	P	06 16 37.9 +0.7
SFIN	Scholer Farm	66.27 343	P	P	06 16 38.7 +1.0
W31A	Holland Ranch,	66.28 331	P	P	06 16 38.2 +0.2
T35A	Sooner Cattle	66.29 334	P	P	06 16 39.0 +1.0
U34A	Anderson Ranch	66.30 333	P	P	06 16 38.9 +0.9
U34A	Anderson Ranch	66.30 333	eP	P	06 16 38.4 +0.4
S37A	Fort Scott	66.38 336	P	P	06 16 39.5 +1.0
U33A	Lingo Farm, Me	66.53 333	P	P	06 16 40.4 +0.9
W30A	Crocket Farms	66.57 330	P	P	06 16 40.9 +1.0
MSTX	Muleshoe	66.62 328	P	P	06 16 41.3 +1.0
MSTX	Muleshoe	66.62 328	eP	P	06 16 40.5 +0.2
S36A	Lake Cedric, C	66.63 335	P	P	06 16 40.8 +0.7
T34A	McClaskey Farm	66.66 334	P	P	06 16 41.1 +0.8
V31A	Spring Creek L	66.73 331	P	P	06 16 42.0 +1.2
QSPA	South Pole Qui	66.77 180	eP	P	06 16 41.1 +0.3
AMTX	Amarillo	66.83 329	P	P	06 16 42.0 +0.5
AMTX	Amarillo	66.83 329	eP	P	06 16 42.1 +0.5
R37A	Teagarden Farm	66.86 336	P	P	06 16 41.9 +0.4
U32A	Winter Ranch,	66.87 332	P	P	06 16 42.5 +0.8
S35A	Otter Creek Ra	66.88 335	P	P	06 16 42.0 +0.3
LIC	Lamto	66.99 72	eP	P	06 16 41.9 -1.0
HDIL	Hopedale	67.05 341	P	P	06 16 43.9 +1.2
HDIL	Hopedale	67.05 341	eP	P	06 16 41.7 -1.0
V30A	Spur Ranch, Mi	67.10 330	P	P	06 16 44.0 +0.7
R36A	Gordon, Harris	67.12 336	P	P	06 16 43.6 +0.4
T33A	Patterson Ranc	67.14 333	P	P	06 16 43.9 +0.5
TIC	Tomoddi	67.19 72	eP	P	06 16 42.3 -1.9
S34A	Willow Spring	67.21 334	P	P	06 16 44.5 +0.7
Q37A	Longview Farm,	67.22 337	P	P	06 16 44.3 +0.5
KIC	Kosan Boka	67.30 72	eP	P	06 16 42.2 -2.7
DBIC	Dimbokro	67.35 72	P	P	06 16 43.9 -1.3
DBIC	Dimbokro	67.35 72	eP	P	06 17 31.2 -1.0
DBIC	Dimbokro	67.35 72	eP	P	06 16 44.2 -0.9
DBIC	Dimbokro	67.35 72	eP	P	06 17 31.2 -1.0
R35A	Emporia Munici	67.39 335	P	P	06 16 45.5 +0.6
S33A	Kaszaul Farm,	67.48 333	P	P	06 16 46.5 +1.0
T32A	Huerfano Ranch,	67.51 333	P	P	06 16 46.1 +0.4
Q36A	Arnold C. Orve	67.67 336	P	P	06 16 47.5 +0.8
U30A	WK&E Inc. Balk	67.72 331	P	P	06 16 47.7 +0.6
T31A	Randall Ranch,	67.76 332	P	P	06 16 48.3 +1.0
R34A	Isabella, Hill	67.78 334	P	P	06 16 48.0 +0.7
Q35A	Mercer Eighty,	67.79 336	P	P	06 16 48.0 +0.5
U29A	Oasis Ranch, S	67.93 330	P	P	06 16 49.7 +1.2
S32A	Newby Ranch, P	67.96 333	P	P	06 16 49.7 +1.2
Q38A	Galt	67.98 338	P	P	06 16 49.3 +0.8
R33A	Olander Ranch,	68.08 334	P	P	06 16 49.9 +0.6
T30A	Plains	68.10 331	P	P	06 16 50.0 +0.5
121A	Cookes Peak, D	68.10 323	P	P	06 16 50.5 +0.8
121A	Cookes Peak, D	68.10 323	eP	P	06 16 51.6 +1.9
S31A	Mullinville	68.12 332	P	P	06 16 50.0 +0.5
P36A	Good Intent, A	68.15 337	P	P	06 16 49.7 +0.1
Q34A	Chapman	68.20 335	P	P	06 16 50.2 +0.3
KSU1	Kansas State U	68.22 335	P	P	06 16 50.2 +0.1
KSU1	Kansas State U	68.22 335	eP	P	06 16 50.3 +0.1
O37A	Wagon Farm, M	68.26 338	P	P	06 16 50.3 0.0
N39A	Derby Farms, D	68.34 339	P	P	06 16 50.5 -0.2
P35A	Duane Minner,	68.37 336	P	P	06 16 51.0 0.0
R32A	Long Quarter,	68.48 333	P	P	06 16 51.7 0.0
N38A	Joess South For	68.50 339	P	P	06 16 51.6 -0.2
O36A	Bolckow	68.52 337	P	P	06 16 51.9 0.0
T29A	Hugoton	68.53 331	P	P	06 16 52.0 -0.1
S30A	Montezuma	68.56 332	P	P	06 16 51.8 -0.4
Q33A	Connelly Farm,	68.61 334	P	P	06 16 53.3 +0.8
P34A	Walnut Farm, R	68.69 335	P	P	06 16 53.7 +0.7
R31A	Burdett	68.70 333	P	P	06 16 54.0 +0.8
BNM	Lee Faris, Mou	68.72 325	eP	P	06 16 55.4 +1.9
N37A	Lee Faris, Mou	68.81 338	P	P	06 16 54.3 +0.7
Y22D	IRIS PASSCAL I	68.81 325	P	P	06 16 54.8 +0.8
SADO	Sadova	68.82 351	P	P	06 16 53.7 +0.1
S29A	Ulysses	68.83 331	P	P	06 16 55.1 +1.1
LPM	Los Pinos Moun	68.84 325	eP	P	06 16 55.7 +1.5
Q32A	Mettler Ranch,	68.90 334	P	P	06 16 55.2 +0.9
P33A	Williams Farm,	68.94 335	P	P	06 16 55.3 +0.8
O35A	Humboldt	68.98 336	P	P	06 16 55.3 +0.6
R30A	Dighton	69.02 332	P	P	06 16 55.8 +0.7
M38A	Pleasantville	69.05 339	P	P	06 16 55.4 +0.3

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N36A	Muff Farm, Cla	69.12 337	P	P	06 16 55.9 +0.4
S28A	Manter	69.15 331	P	P	06 16 56.3 +0.4
O34A	Beatrice	69.20 336	P	P	06 16 56.2 +0.1
CBK5	Cedar Bluff	69.23 333	P	P	06 16 57.0 +0.6
CBK5	Cedar Bluff	69.23 333	eP	P	06 16 57.3 +0.9
ANMO	Albuquerque	69.24 326	P	P	06 16 58.2 +1.5
ANMO	Albuquerque	69.24 326	eP	P	06 16 58.1 +1.4
Q31A	Ellis	69.25 333	P	P	06 16 57.4 +0.9
M37A	Trindle Farm,	69.33 338	P	P	06 16 57.6 +0.8
N35A	Tabor	69.40 337	P	P	06 16 57.8 +0.5
O33A	Hebron	69.44 335	P	P	06 16 58.3 +0.7
P32A	Hutting Farm,	69.45 334	P	P	06 16 58.3 +0.6
R29A	Marienthal	69.51 332	P	P	06 16 58.6 +0.5
Q30A	Quinter	69.57 333	P	P	06 16 59.3 +0.9
L38A	Oak Wood Farm,	69.62 339	P	P	06 16 00.2 +1.5
M36A	Felix, Anita	69.63 338	P	P	06 17 00.3 +1.6
P31A	Stockton	69.68 334	P	P	06 16 59.7 +0.6
N34A	Lincoln	69.69 336	P	P	06 16 59.5 +0.3
R28A					

L29A	Maesberg Ranch	72.28 334	P	P	06 17 14.8 +0.1
WUAZ	Wupatki	72.31 323	P	P	06 17 14.8 -0.3
WUAZ	Wupatki	72.31 323	eP	P	06 17 17.2 +2.1
WUAZ	Wupatki	72.31 323	eP	P	06 17 15.9 +0.9
SPMN	St. Paul	72.36 341	P	P	06 17 33.7 +1.7
J32A	Parkston	72.39 337	P	P	06 17 15.9 +0.6
K30A	Basset	72.45 335	P	P	06 17 16.1 +0.4
H35A	Sunnyside Ranch	72.52 339	P	P	06 17 16.4 +0.4
GL5A	Glamis	72.54 319	P	P	06 17 16.4 0.0
I33A	Coleman	72.61 338	P	P	06 17 16.8 +0.2
ISCO	Idaho Springs	72.64 330	P	P	06 17 17.3 +0.1
ISCO	Idaho Springs	72.64 330	eP	P	06 17 18.8 +1.5
J31A	Geddes	72.65 336	P	P	06 17 17.5 +0.7
L28A	Conneally Angus	72.65 334	P	P	06 17 16.9 -0.1
G36A	St. Michael	72.66 340	P	P	06 17 17.8 +1.0
PV01	Paradox Valley	72.78 327	eP	P	06 17 20.2 +2.2
SMCO	Snowmass	72.80 328	eP	P	06 17 19.9 +1.7
K29A	Lazy Trails Ar	72.80 335	P	P	06 17 18.7 +1.0
H34A	Spellman Lake	72.81 339	P	P	06 17 18.4 +0.8
I32A	Karley and Nic	72.82 337	P	P	06 17 18.8 +1.0
Y12C	Blythe	72.85 320	P	P	06 17 18.8 +0.7
G35A	Watkins	72.88 340	P	P	06 17 19.1 +1.0
PV15	Paradox Valley	72.89 327	eP	P	06 17 21.2 +2.6
J30A	Dallas	72.96 336	P	P	06 17 19.7 +1.0
PV05	Paradox Valley	73.01 326	eP	P	06 17 21.5 +2.2
IBP	Imperial Blvd	73.04 318	P	P	06 17 19.9 +0.5
SWSC	Sam W. Stewart	73.05 318	P	P	06 17 20.2 +0.9
H33A	Prehn Over Nor	73.14 338	P	P	06 17 21.0 +1.3
F36A	Milaca	73.15 341	P	P	06 17 20.9 +1.3
K28A	Ten Mile Ranch	73.18 334	P	P	06 17 20.9 +0.9
PV10	Paradox Valley	73.20 326	eP	P	06 17 22.7 +2.2
I31A	Royce, Wessing	73.21 337	P	P	06 17 20.8 +0.7
H32A	Carlson Farm	73.23 338	P	P	06 17 21.1 +0.9
G34A	Benson	73.27 339	P	P	06 17 21.6 +1.3
B33	Big Chuckawall	73.33 319	P	P	06 17 22.0 +0.8
PV09	Paradox Valley	73.34 326	eP	P	06 17 24.0 +2.6
J29A	Okreek	73.35 335	P	P	06 17 21.9 +1.0
MONP	Monument Peak	73.40 318	P	P	06 17 22.4 +0.7
BAR	Barrett	73.41 318	eP	P	06 17 22.9 +1.4
I30A	Oacoma	73.44 336	P	P	06 17 22.2 +0.8
E37A	Wrenshall	73.46 342	P	P	06 17 23.0 +1.5
F35A	Swanville	73.47 340	P	P	06 17 23.3 +1.7
G33A	Ortonville	73.49 339	P	P	06 17 23.3 +1.6
IRM	Iron Mountain	73.50 320	P	P	06 17 23.6 +1.6
H31A	Wolsey	73.58 337	P	P	06 17 23.5 +1.3
F34A	Alexandria	73.64 340	P	P	06 17 24.0 +1.5
E36A	McGregor	73.67 341	P	P	06 17 24.4 +1.8
N23A	Red Feather La	73.67 330	P	P	06 17 24.3 +1.2
N23A	Red Feather La	73.67 330	eP	P	06 17 24.9 +1.8
SUSD	South Dakota S	73.72 337	P	P	06 17 24.6 +1.5
J28A	Allard Ranch	73.72 335	P	P	06 17 24.5 +1.3
PHWY	Pilot Hill	73.77 331	eP	P	06 17 25.2 +1.5
109C	Camp Elliot, M	73.82 318	P	P	06 17 24.7 +0.8
I29A	Vivian Onida	73.86 335	P	P	06 17 24.8 +0.9
J27A	Elkhorn Farm	73.89 334	P	P	06 17 25.3 +1.2
BELC	Belle Mtn. Jos	73.90 319	P	P	06 17 25.2 +0.7
G32A	Webster	73.91 338	P	P	06 17 25.7 +1.6
PFO	Pinyon Flat Ob	73.91 318	P	P	06 17 25.7 +1.2
PFO	Pinyon Flat Ob	73.91 318	eP	P	06 17 25.5 +1.0
SYO	Snyder	73.97 159l	eP	P	06 17 23.4 -0.8
C39A	Grand Marais	73.99 344	P	P	06 17 26.0 +1.5
D37A	Cotton	74.01 342	P	P	06 17 26.4 +1.8
F33A	S Mile Ranch	74.01 339	P	P	06 17 25.9 +1.2
E35A	Pequot Lakes	74.05 340	P	P	06 17 26.1 +1.3
G31A	Conde	74.13 337	P	P	06 17 26.2 +0.8
O20A	White River Cr	74.16 328	P	P	06 17 26.7 +0.8
O20A	White River Cr	74.16 328	eP	P	06 17 27.8 +1.9
I28A	Midland	74.18 335	P	P	06 17 26.6 +0.9
C38A	Sawbill Land	74.20 343	P	P	06 17 26.8 +1.0
D36A	Goodland	74.23 342	P	P	06 17 27.4 +1.5
GMRC	Granite Mounta	74.24 320	P	P	06 17 26.8 +0.4
E34A	Wadena	74.25 340	P	P	06 17 27.1 +1.1
SBA	Scott Base	74.30 190	eP	P	06 17 28.2 +2.2
F32A	Feblen	74.32 338	P	P	06 17 27.3 +0.9
H29A	Onida	74.34 336	P	P	06 17 27.8 +1.2
MURC	Murieta	74.36 318	P	P	06 17 27.4 +0.4
J26A	S Miles Ranch	74.37 333	P	P	06 17 28.3 +1.4
G30A	Faulton	74.38 337	P	P	06 17 28.0 +1.2
D35A	Remer	74.41 341	P	P	06 17 27.6 +0.6
C37A	Embarrass	74.46 342	P	P	06 17 28.2 +1.0
EYMN	Ely	74.47 343	P	P	06 17 28.3 +1.0
E33A	Westby DABS, E	74.50 339	P	P	06 17 29.6 +2.1
SRU	San Rafael	74.52 326	eP	P	06 17 29.4 +1.4
I27A	Quinn	74.59 334	P	P	06 17 29.7 +1.6
BBRC	Big Bear Solar	74.64 319	P	P	06 17 29.9 +1.0
C36A	Pine Crest Far	74.67 342	P	P	06 17 30.0 +1.6
HEC	Hector, Ludlow	74.67 319	P	P	06 17 30.0 +1.1

H28A	Mission Ridge	74.69 335	P	P	06 17 29.9 +1.2
F31A	Hecla	74.69 338	P	P	06 17 29.3 +0.7
G29A	Hecla	74.72 336	P	P	06 17 29.7 +0.9
J25A	Sunshine Ranch	74.74 333	P	P	06 17 30.6 +1.6
D34A	Park Rapids	74.76 340	P	P	06 17 30.7 +1.7
P18A	Preston Nutter	74.77 327	eP	P	06 17 31.3 +1.7
SCI	San Clemente I	74.78 317	P	P	06 17 30.4 +1.0
I26A	New Underwood	74.88 334	P	P	06 17 31.2 +1.4
CCUT	Cedar City	74.88 323	eP	P	06 17 32.6 +2.4
P17A	Butcher Ranch	74.90 326	eP	P	06 17 32.0 +1.8
E32A	Braaten, Kindr	74.93 339	P	P	06 17 31.5 +1.6
MSU	Marysvalde	74.94 325	eP	P	06 17 32.3 +1.9
F30A	Leola	74.94 337	P	P	06 17 31.1 +1.0
C35A	Jirik Farms, M	74.95 341	P	P	06 17 31.8 +1.7
CIS	Catalina Islan	74.97 317	P	P	06 17 31.8 +1.3
G28A	Parade	74.99 336	P	P	06 17 31.7 +1.4
TMUT	Trail Mountain	75.01 326	eP	P	06 17 32.7 +1.7
D33A	AnnSam, Waubun	75.02 340	P	P	06 17 32.6 +2.1
H27A	Howes	75.07 335	P	P	06 17 32.2 +1.3
BFSC	Mount Baldy Ra	75.07 318	P	P	06 17 32.2 +1.0
FMP	Fort Macarthu	75.11 317	P	P	06 17 31.7 +0.5
SHPR	Sheep Range	75.15 321	eP	P	06 17 33.3 +1.6
E31A	Nome	75.17 338	P	P	06 17 32.9 +1.1
C34A	RKJ Ranch, Bem	75.18 341	P	P	06 17 32.5 +1.1
I25A	Routford	75.23 333	P	P	06 17 33.4 +1.4
F29A	Eureka	75.23 337	P	P	06 17 33.0 +1.3
GSC	Goldstone	75.28 320	P	P	06 17 34.1 +1.8
GSC	Goldstone	75.28 320	eP	P	06 17 34.3 +2.0
VNDA	Vanda	75.30 190	P	P	06 17 32.7 +0.9
VNDA	Vanda	75.30 190	eP	P	06 17 33.8 +2.1
MWC	Mount Wilson	75.31 318	eP	P	06 17 34.1 +1.5
K22A	Casper	75.33 331	P	P	06 17 34.1 +1.6
K22A	Casper	75.33 331	eP	P	06 17 34.1 +1.6
H26A	Fairpoint	75.33 334	P	P	06 17 33.8 +1.5
SHOC	Shoshone	75.38 320	P	P	06 17 34.2 +1.4
D32A	Dogwood Acres,	75.39 339	P	P	06 17 34.4 +1.9
RSSD	Black Hills	75.44 333	eP	P	06 17 34.0 +0.9
B35A	Bob, Littlefor	75.47 342	P	P	06 17 34.7 +1.8
E30A	Jud	75.48 338	P	P	06 17 34.9 +1.8
C31A	Trail	75.54 340	P	P	06 17 34.5 +1.1
D31A	McClaffin, Tow	75.55 339	P	P	06 17 34.8 +1.3
SNCC	San Nicolas Is	75.58 316	P	P	06 17 34.6 +0.7
F28A	McLaughlin	75.60 336	P	P	06 17 34.6 +0.8
G27A	Dupree	75.63 335	P	P	06 17 35.4 +1.3
H25A	Fruitdale	75.67 334	P	P	06 17 35.7 +1.4
EDW2	Edwards Air Fo	75.70 319	P	P	06 17 36.2 +1.5
MPU	Maple Canyon	75.76 326	eP	P	06 17 36.6 +1.5
E29A	Napoleon	75.79 337	P	P	06 17 36.7 +1.8
G26A	Maurine	75.82 335	P	P	06 17 36.4 +1.3
C32A	Crookston	75.84 340	P	P	06 17 36.8 +1.7
B34A	Aery, Baudette	75.85 341	P	P	06 17 36.9 +1.7
BLG	Laguna Peak	75.85 317	P	P	06 17 36.9 +1.4
LRMC	Laurel Mountai	75.92 319	P	P	06 17 37.1 +1.0
B33A	Robert and Kas	75.94 341	P	P	06 17 37.4 +1.7
NLU	North Lily Min	75.95 326	eP	P	06 17 37.8 +1.7
D30A	Buchanan	75.95 338	P	P	06 17 37.4 +1.7
OSI	Ostio Adit	75.97 318	P	P	06 17 37.2 +1.0
AGMN	Agassiz Nation	76.05 340	P	P	06 17 38.0 +1.7
G25A	Nevelil	76.06 334	P	P	06 17 37.8 +1.3
F27A	Lemmon	76.08 335	P	P	06 17 37.8 +1.2
TPNV	Topopah Spring	76.08 321	P	P	06 17 38.2 +1.3
TPNV	Topopah Spring	76.08 321	eP	P	06 17 39.0 +2.0
TOA0	Torodi Ar. Sit	76.09 69	eP	P	06 17 35.7 -1.6
TOA0	Torodi Ar. Sit	76.09 69	P	P	06 17 35.2 -1.1
TORD	Torodi Ar. Bea	76.09 69	P	P	06 17 35.8 -1.4
TORD	Torodi Ar. Bea	76.09 69	P	P	06 18 26.0 +0.6
FURC	Furnace Creek,	76.11 320	P	P	06 17 38.5 +1.7
E28A	Huff	76.18 337	P	P	06 17 38.6 +1.5
D29A	Pettibone, Tap	76.20 338	P	P	06 17 38.6 +1.4
C31A	Landman Farms,	76.20 339	P	P	06 17 39.1 +2.0
F26A	Lodgepole	76.31 335	P	P	06 17 39.1 +1.2
B32A	Ashes, Strandq	76.34 340	P	P	06 17 39.5 +1.6
C30A	Mose, Pekin	76.37 339	P	P	06 17 39.3 +1.2
E27A	Carson	76.38 336	P	P	06 17 39.3 +1.1
ARVC	Arvin	76.38 318	P	P	06 17 39.4 +0.9
DAC	Darwin (Calif)	76.41 320	eP	P	06 17 40.4 +1.6
A33A	Warrod	76.47 341	P	P	06 17 40.6 +2.0
SBC	Santa Barbara	76.47 317	P	P	06 17 40.4 +1.4
DUG	Dugway	76.51 325	P	P	06 17 40.7 +1.5
DUG	Dugway	76.51 325	eP	P	06 17 40.9 +1.7
ISA	Isabella	76.52 319	P	P	06 17 41.1 +1.7
ISA	Isabella	76.52 319	eP	P	06 17 41.0 +1.7
D28A	Regan	76.66 337	P	P	06 17 41.6 +1.9
R11A	Troy Canyon, C	76.68 322	P	P	06 17 41

26d 6h

Table with columns: YBMT, JMTM, I07A, M02C, F10A, K04D, BSMT, J05D, G08A, L02D, TAM, I05D, HAWA, NEW, D08A, G05D, I03D, C09A, LTY, G03D, F04A, B08A, ESDC, ES19, D05A, EDM, B05A, YKA, AS01, ASAR, AKTO, ABKAR, WRA, WRA, BVAR, KURK, KURBB, ZALV, KSH, SOEI, MAKZ, MKAR, MKAR, MK01, HYB, MMRI, WMQ, WMQ, WMQ, SONM, SONM, GTA, GTA, HHC, HHC, HHC, HHC, LMR, LMR, CD2

ISCJB 26 06:12:22.9.0.8, 40.07N, 0.06-38.78E, 0.04, h12km, 9km, Error ellipse: s-maj=10.8km s-min=5.1km az=0.3 DDA 26 06:12:22.8, 40.05N-38.77E, h7km, MD2.6 CSEM 26 06:12:22.9.0.3, 40.06N-38.77E, h15km, MD2.6, Error ellipse: s-maj=7.8km s-min=4.8km az=169.0

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

ISCJB 26 06:16:44.2.0.2, 18.78N, 0.03-81.59W, 0.02, h10km, mb4.5/64, MS4.0/23, Error ellipse: s-maj=4.2km s-min=2.5km az=22.3 IDC 26 06:16:44.6.0.5, 18.81N-81.61W, h0km, mb4.1/18, mb1.4/23, mb1mx4.2/45, mbtmp4.2/23, ML3.6/4, MS3.9/26, Ms1.3/9/26, ms1mx3.9/32, Error ellipse: s-maj=18.4km s-min=12.6km az=55.0 NEIC 26 06:16:46.6.1.6, 18.84N-81.58W, h9km, 11km, mb4.6/65,

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Error ellipse: s-maj=4.6km s-min=3.4km az=220.0 NEIC Felt [I] at Boddin Town, George Town and West Bay, JSN 26 06:16:47.6.1.2, 19.21N-81.60W, h49km, 999km, MD4.7 BUJ 26 06:16:50.0, 18.90N-81.50W, h35km, mb5.1/2, Ms4.9/2, M7.4.6/1

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

1262

Table with columns: 236A, 833A, MIAR, MIAR, 733A, 534A, 237A, Y38A, 136A, 633A, 432A, 834A, WHTX, WHTX, 533A, PBMO, 732A, 334A, Z36A, Y37A, X38A, 632A, 135A, WCI, 433A, 43IN, W38A, 234A, X37A, Y36A, SIUC, Z3A, Z3IG, 532A, Z35A, 134A, JCT, JCT, 631A, W37A, Y35A, X36A, 432A, X36A, Z34A, 531A, OLIL, 332A, X35A, BLO, 133A, V37A, W36A, 232A, U38A, Y34A, 431A, SLM, V36A, TUL1, TUL1, W35A, U37A, 530A, ABTX, ABTX, 231A, X34A, 430A, Y33A, U36A, Z32A, V35A, T37A, 330A, X33A, W34A, W34A, 131A, 429A, 529A

230A	Sterling City	21.89	310	P	P	06 21 39.6 +0.3	baz=25	M37A	Trindle Farm,	24.89	337	P	P	06 22 09.6 +0.6	K30A	Basset	28.25	331	P	P	06 22 39.7 +0.4
Y32A	R-V Farms, Ver	21.96	317	P	P	06 21 41.1 +1.1	baz=25	R31A	Burdett	24.90	325	P	P	06 22 10.0 +0.7	H34A	Spellman Lake,	28.35	338	P	P	06 22 40.7 +0.6
SFIN	Scholar Farm	21.97	349	P	P	06 21 41.4 +1.4	baz=22,SNR=5.6	Q32A	Meitler Ranch,	24.91	327	P	P	06 22 09.8 +0.6	G35A	Watkins	28.41	341	P	P	06 22 41.2 +0.5
SFIN	Scholar Farm	21.97	349	eP	P	06 21 41.6 +1.6	baz=22	Q34A	Beatrice	24.94	332	P	P	06 22 09.8 +0.3	Q24A	Divide	28.64	319	P	P	06 22 43.1 -0.1
U35A	Pawnee	21.99	326	P	P	06 21 41.0 +0.8	22nm,0.8s	S30A	Montezuma	24.98	322	P	P	06 22 10.4 +0.4	K29A	Lazy Trails An	28.64	330	P	P	06 22 43.4 +0.5
Z31A	Sharp Cattle R	22.01	315	P	P	06 21 41.2 +0.6	baz=22,SNR=7.1	MNTX	Cornudas Mount	25.00	305	P	P	06 22 10.0 -0.2	L28A	Connealy Angus	28.66	328	P	P	06 22 43.3 +0.2
WMOK	Wichita Mounta	22.02	319	eP	P	06 21 42.1 +1.5	23nm,1.3s	MNTX	Cornudas Mount	25.00	305	eP	P	06 22 09.6 -0.6	F36A	Milaca	28.70	342	P	P	06 22 43.7 +0.4
V34A	Guthrie	22.03	323	P	P	06 21 41.4 +0.7	baz=22	N35A	Tabor	25.04	334	P	P	06 22 11.2 +0.8	J30A	Dallas	28.71	332	P	P	06 22 43.5 0.0
V34A	Guthrie	22.03	323	eP	P	06 21 42.0 +1.2	54nm,1.1s	JFWS	Jewell Farm	25.09	345	eP	P	06 22 11.4 +0.7	H33A	Prehn Over Nor	28.77	337	P	P	06 22 43.8 +0.4
T36A	Boeggs Farm, Ca	22.07	328	P	P	06 21 42.1 +1.0	baz=22,SNR=9.2	T29A	Hugoton	25.14	321	P	P	06 22 11.7 +0.3	PTGA	Pfitinga	28.71	330	P	P	06 22 45.0 +0.8
W33A	Caddo, Fort Co	22.10	321	P	P	06 21 42.1 +0.5	baz=22,SNR=5.8	L38A	Oak Wood Farm,	25.16	340	P	P	06 22 12.2 +0.8	G34A	Benson	28.80	339	P	P	06 22 44.8 +0.6
S37A	Fort Scott	22.12	331	P	P	06 21 43.1 +1.4	baz=22,SNR=9.2	O33A	Hebron	25.26	330	P	P	06 22 12.9 +0.5	H32A	Carlson Farm,	28.82	336	P	P	06 22 44.7 +0.3
X32A	Elmer	22.13	318	P	P	06 21 42.3 +0.5	baz=22,SNR=11	R30A	Dighton	25.32	324	P	P	06 22 13.4 +0.4	S22A	4UR Ranch, Cre	29.01	316	P	P	06 22 46.0 -0.4
130A	Snyder	22.17	312	P	P	06 21 42.3 0.0	baz=22,SNR=6.0	S29A	Ulysses	25.34	322	P	P	06 22 14.0 +0.8	S22A	4UR Ranch, Cre	29.01	316	eP	P	06 22 49.0 +2.6
T35A	Sooner Cattle	22.28	327	P	P	06 21 44.3 +0.8	baz=22	Q31A	Ellis	25.35	326	P	P	06 22 13.9 +0.6	F35A	Swanville	29.01	341	P	P	06 22 46.4 +0.6
329A	Wagon Wheel Ra	22.33	308	P	P	06 21 44.4 +0.4	baz=22,SNR=6.0	N34A	Lincoln	25.39	333	P	P	06 22 14.3 +0.7	G33A	Ortonville	29.04	338	P	P	06 22 46.9 +0.6
229A	Bryant Ranch,	22.44	309	P	P	06 21 45.6 +0.3	baz=22	CBK5	Cedar Bluff	25.40	325	P	P	06 22 14.2 +0.6	E37A	Wrenshall	29.04	344	P	P	06 22 47.0 +0.7
S36A	Lake Cedric, C	22.45	330	P	P	06 21 46.5 +1.2	baz=22,SNR=8.9	P32A	Hutting Farm,	25.41	328	P	P	06 22 14.5 +0.7	K28A	Ten Mile Ranch	29.11	329	P	P	06 22 47.2 +0.2
V33A	Lossen Ranch,	22.46	322	P	P	06 21 46.0 +0.6	baz=22	L37A	Phoenix Point,	25.41	338	P	P	06 22 14.4 +0.7	J29A	Okreek	29.15	331	P	P	06 22 47.6 +0.3
U34A	Anderson Ranch	22.47	324	P	P	06 21 46.3 +0.8	baz=22	K38A	Parkersburg	25.55	341	P	P	06 22 15.7 +0.7	I30A	Oacoma	29.15	333	P	P	06 22 47.8 +0.5
U34A	Anderson Ranch	22.47	324	eP	P	06 21 46.2 +0.7	135nm,1.6s	M35A	Neola	25.57	335	P	P	06 22 15.9 +0.7	F34A	Alexandria	29.17	340	P	P	06 22 48.0 +0.6
Y31A	Rekieta Farm,	22.47	316	P	P	06 21 46.1 +0.5	baz=22,SNR=19	L36A	Harm Buss Farm	25.72	337	P	P	06 22 17.2 +0.7	H31A	Wolsey	29.21	335	P	P	06 22 48.3 +0.5
W32A	Sentinel	22.56	319	P	P	06 21 46.7 +0.2	baz=22,SNR=6.9	P31A	Stockton	25.73	327	P	P	06 22 17.2 +0.5	E36A	McGregor	29.23	343	P	P	06 22 48.7 +0.8
R37A	Teagarden Farm	22.58	332	P	P	06 21 47.2 +0.6	baz=22,SNR=9.0	N33A	J Bar K, Exete	25.73	331	P	P	06 22 17.2 +0.6	SUSD	South Dakota S	29.28	334	P	P	06 22 50.1 +0.8
HDIL	Hopedale	22.63	344	P	P	06 21 48.3 +1.2	baz=22,SNR=9.0	O32A	Brockman Farm,	25.74	329	P	P	06 22 17.6 +0.8	ISCO	Idaho Springs	29.43	320	P	P	06 22 50.2 0.0
HDIL	Hopedale	22.63	344	eP	P	06 21 47.1 +0.1	31nm,0.9s	Q30A	Quinter	25.78	325	P	P	06 22 17.6 +0.4	G32A	Webster	29.48	337	P	P	06 22 50.7 +0.5
Z30A	Sanderson Ranc	22.66	313	P	P	06 21 48.2 +0.6	baz=22,SNR=15	S28A	Mante	25.79	321	P	P	06 22 17.4 0.0	F33A	5 Mile Ranch,	29.55	339	P	P	06 22 51.0 +0.2
TX31	Lajitas Ar. Si	22.70	302	eP	P	06 21 47.6 -0.5	6.4nm,0.7s,baz=115,slow=9.3,SNR=46	R29A	Marienthal	25.90	323	P	P	06 22 18.8 +0.4	J28A	Allard Ranch,	29.58	330	P	P	06 22 51.6 +0.4
TXAR	Lajitas Array	22.70	302	P	P	06 21 48.0 -0.1	1.1nm,0.7s,baz=122,slow=3.4,SNR=3.6	K37A	Belmond	25.94	339	P	P	06 22 19.2 +0.6	E35A	Pequot Lakes	29.59	342	P	P	06 22 51.4 +0.3
TXAR	McDonald Ranch	22.70	317	P	LR	06 21 52.6 36.6	comp=Z,120nm,18.2s,baz=0.0,slow=43	L35A	Bielow Farm, R	26.06	336	P	P	06 22 20.8 +1.1	D37A	Cotton	29.60	345	P	P	06 22 51.8 +0.6
X31A	McDonald Ranch	22.70	317	P	P	06 21 48.1 +0.1	baz=23	J38A	Wedel Dairy, R	26.07	342	P	P	06 22 20.8 +1.1	C39A	Grand Marais	29.72	348	P	P	06 22 53.1 +0.8
T34A	McClaskey Farm	22.72	326	P	P	06 21 48.7 +0.6	baz=23	K36A	Gilmore City	26.11	338	P	P	06 22 20.5 +0.5	W18A	Petrified Fore	29.76	309	P	P	06 22 52.8 -0.2
S35A	Otter Creek Ra	22.77	328	P	P	06 21 49.5 +0.8	baz=23,SNR=12	Q29A	Oakley	26.13	324	P	P	06 22 21.1 +0.7	E34A	Wadena	29.78	341	P	P	06 22 53.5 +0.7
U33A	Lingo Farm, Me	22.79	324	P	P	06 21 49.5 +0.7	baz=23	N32A	Stuken Farm,	26.14	330	P	P	06 22 21.2 +0.8	D36A	Goodland	29.81	344	P	P	06 22 53.8 +0.7
129A	Stewart Farms,	22.82	311	P	P	06 21 49.5 +0.2	baz=23	O31A	Woolen Ranch,	26.17	328	P	P	06 22 20.9 +0.2	J27A	Elkhorn Farm,	29.82	329	P	P	06 22 53.4 0.0
V32A	Arapaho	22.83	321	P	P	06 21 50.0 +0.6	baz=23	P30A	Selden	26.20	326	P	P	06 22 21.2 +0.3	C38A	Sawbill Land.	29.86	347	P	P	06 22 53.8 +0.2
Y30A	Stafford Catti	22.85	315	P	P	06 21 50.1 +0.5	baz=23	R28A	Tribune	26.23	322	P	P	06 22 21.7 +0.4	F32A	Veblen	29.87	338	P	P	06 22 53.9 +0.3
Q37A	Longview Farm,	22.88	333	P	P	06 21 50.9 +1.1	baz=23	L34A	Svendsen Farm,	26.27	334	P	P	06 22 22.8 +1.3	D35A	Remer	29.96	343	P	P	06 22 55.1 +0.6
R36A	Gordon, Harris	22.89	331	P	P	06 21 50.9 +0.9	baz=23	M33A	Taylor Creek F	26.29	333	P	P	06 22 22.3 +0.5	I28A	Midland	29.99	331	P	P	06 22 54.9 0.0
W31A	Holland Ranch,	23.03	319	P	P	06 21 52.1 +0.7	baz=23	J37A	Redenius Farm,	26.40	340	P	P	06 22 23.0 +0.3	G30A	Faulton	30.02	335	P	P	06 22 55.2 +0.3
Z29A	Hungry Hill Ra	23.05	312	P	P	06 21 52.2 +0.5	baz=23	K35A	Storm Lake	26.47	337	P	P	06 22 23.8 +0.5	E33A	Westby DABS, E	30.04	340	P	P	06 22 55.8 +0.7
228A	UT Block 9, Go	23.09	309	P	P	06 21 52.6 +0.5	baz=23	O30A	MW Ranch, Wils	26.56	327	P	P	06 22 24.5 +0.2	H29A	Onida	30.06	333	P	P	06 22 55.4 +0.1
X30A	Coker Ranch, T	23.17	316	P	P	06 21 53.6 +0.7	baz=23	BGNE	Belgrade	26.58	331	P	P	06 22 24.4 +0.1	C37A	Embarrass	30.08	346	P	P	06 22 56.1 +0.6
S34A	Willow Spring	23.19	327	P	P	06 21 54.1 +1.1	baz=23	P29A	Atwood	26.61	325	P	P	06 22 25.1 +0.4	EYMN	Ely	30.12	347	P	P	06 22 56.4 +0.5
U32A	Winter Ranch,	23.26	322	P	P	06 21 54.6 +0.9	baz=23	J36A	Seneca 1, Swea	26.68	339	P	P	06 22 25.7 +0.5	C36A	Pine Crest Far	30.26	345	P	P	06 22 57.5 +0.4
128A	Castleberry Fa	23.27	310	P	P	06 21 54.4 +0.5	baz=23	I38A	Scanlan Farm,	26.69	342	P	P	06 22 26.1 +0.8	F31A	Hecla	30.27	336	P	P	06 22 57.6 +0.4
V31A	Spring Creek L	23.35	320	P	P	06 21 55.5 +0.8	baz=23	Q28A	Sharon Springs	26.73	323	P	P	06 22 26.1 +0.3	D34A	Park Rapids	30.30	341	P	P	06 22 58.1 +0.7
Q36A	Arnold C. Orve	23.39	332	P	P	06 21 56.1 +1.1	baz=23	K34A	Le Mars	26.76	336	P	P	06 22 27.0 +1.0	N23A	Red Feather La	30.32	322	P	P	06 22 57.7 -0.3
W30A	Crocket Farms	23.43	318	P	P	06 21 56.3 +0.7	baz=23	L33A	Hoskins	26.81	333	P	P	06 22 26.9 +0.5	G29A	Hoven	30.39	334	P	P	06 22 58.6 +0.3
Z28A	Tucker Farm, M	23.54	312	P	P	06 21 57.1 +0.3	baz=24,SNR=8.8	SLBS	Sierra La Lagu	26.89	285	eP	P	06 22 27.8 +0.4	J26A	Sides Ranch, S	30.39	328	P	P	06 22 58.7 +0.2
Q38A	Galt	23.55	337	P	P	06 21 57.6 +1.0	baz=24	O29A	4D Ranch, Culb	26.91	326	P	P	06 22 27.7 +0.3	PV15	Paradox Valley	30.43	315	eP	P	06 23 01.2 +2.2
Q35A	Mercer Eighty,	23.57	331	P	P	06 21 57.3 +0.5	baz=24	M31A	Lambrecht Ranch	26.91	330	P	P	06 22 27.8 +0.4	I27A	Quinn	30.46	330	P	P	06 22 59.2 +0.3
S33A	Kaszmal Farm,	23.57	326	P	P	06 21 57.7 +0.8	baz=24	I37A	Lemond, Waseca	26.98	341	P	P	06 22 29.4 +1.4	E32A	Brantten, Kindr	30.47	339	P	P	06 22 59.6 +0.7
HPIG		23.61	294	eP	P	06 21 58.8 +1.2	baz=24	P28A	Salt Francis	27.04	324	P	P	06 22 29.0 +0.4	C35A	Jirik Farms, M	30.51	343	P	P	06 22 59.9 +0.6
R34A	Isabella, Hill	23.72	328	P	P	06 21 58.8 +0.5	baz=24	N30A	Hueftle Ranch,	27.04	328	P	P	06 22 29.0 +0.4	D33A	AnnSam, Waubun	30.55	341	P	P	06 22 60.0 +0.3
U31A	Nine Bar Ranch	23.75	321	P	P	06 21 59.2 +0.5	baz=24	K33A	Hardington	27.06	334	P	P	06 22 29.0 +0.4	C34A	RKJ Ranch, Bem	30.72	342	P	P	06 23 01.9 +0.7
T32A	Huddler Ranch,	23.78	324	P	P	06 21 59.6 +0.7	baz=24	T25A	Trinidad	27.08	317	P	P	06 22 28.8 -0.3	E31A	Nome	30.73	338	P	P	06 23 01.3 0.0
P36A	Good Intent, A	23.82	333	P	P	06 22 00.1 +0.8	baz=24	T25A	Trinidad	27.08	317	eP	P	06 22 29.4 +0.3	I26A	New Underwood	30.82	329	P	P	06 23 02.0 -0.1
O37A	Wolven Farm, M	23.85	336	P	P	06 22 00.3 +0.8	baz=24	KSCO	Kaye Shedlock'	27.16	322	P	P	06 22 29.7 0.0	J25A	Sunshine Ranch	30.82	327	P	P	06 23 02.1 -0

26d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like B32A Ashes, C30A Mose, A33A Warrord, etc.

2010 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VES Vestal, SBC Santa Barbara, LPAZ La Paz, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like UPC, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

ISCJB 26 06:55:41.9, 1.0, 51.45N, 0.05:16.22E, 0.04, h0km, Error ellipse: s-maj=6.7km s-min=3.8km az=8.7
CSEM 26 06:55:41.8, 0.6, 51.52N, 16.10E, h2km, ML3.3/6, Error ellipse: s-maj=9.3km s-min=5.4km az=172.0
PRU 26 06:55:44.0, 1.51, 45N, 16.10E, h0km
ISC 26 06:55:43.7, 1.6, 51.45N, 0.08:16.04E, 0.03, h0km, n24, e08748, Poland

IDC 26 07:25:05.5, 0.8, 36.57N, 71.20E, h0km, mb4.3/9, mb1.4, 5.1m, mb1mx4.1, 4.5, mbtmp4.4/16, ML4.4/7, MS3.1/4, Ms1.3.1/4, ms1mx2.7/4.0, Error ellipse: s-maj=17.6km s-min=15.8km az=104.0
BUI 26 07:25:08.9, 36.97N, 70.55E, h57km, mb4.5/14, mb4.4/9, ML4.7/4
MOS 26 07:25:12.3, 0.9, 36.78N, 70.84E, h76km, mb4.6/13, Error ellipse: s-maj=11.4km s-min=5.3km az=81.2
ISCJB 26 07:25:14.4, 0.2, 36.90N, 0.02:71.09E, 0.03, h88km, mb4.2/22, Error ellipse: s-maj=4.1km s-min=2.8km az=159.1
NEIC 26 07:25:17.3, 1.9, 37.00N, 71.15E, h91km, 17km, mb4.2/7, Error ellipse: s-maj=17.5km s-min=12.1km az=202.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BFZ, MRZ, MRZ, etc. with their respective coordinates and phases.

GUC 26 08:49:18.3+0.6, 22.99S, 67.29W, h263km, 12km, ML3.8, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PB06, PB07, PB04, etc. with their respective coordinates and phases.

IDC 26 08:49:57.8+1.1, 7.54S, 129.68E, h0km, mb4.1/4, mb1.4/3.4, mb1mx3.8/3.7, mbtmp4.1/4, MS3.7/7, Ms1.3/4.7, ms1mx2.9/3.5, Error ellipse: s-maj=82.1km s-min=33.1km az=62.0

AUST 26 08:49:58.9+7.98S, 129.04E, h100km

ISCJB 26 08:50:00.1+0.4, 8.22S, 0.04x129.63E, h35km, mb4.1/4, MS3.4/3, Error ellipse: s-maj=11.6km az=62.0

DJA 26 08:50:03.9+0.6, 8.4S, 13.0E, h158km, 25km, M4.4/10, mb4.5/4, mB4.8/2, MLV4.4/10, Mw(m)B4.0/2

ISC 26 08:50:01.4+0.7, 8.17S, 0.06x129.75E, h35km, n32, @1941/21, mb4.1/4, MS3.4/3, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BNDI, MTN, MSAI, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA, COEN, QIS, ASAR, etc. with their respective coordinates and phases.

ISCJB 26 08:54:07.2+0.5, 21.64N, 0.04x143.1E, h311km, mb3.9/2.0, Error ellipse: s-maj=16.5km s-min=5.1km az=172.6

JMA 26 08:54:07.1+0.3, 21.75N, 143.63E, h321km, M4.3

IDC 26 08:54:09.1+2.3, 21.67N, 143.05E, h314km, 23km, mb3.6/2.1, mb1.3/8.23, mb1mx3.6/5.2, mbtmp4.3/2.3, Error ellipse: s-maj=14.9km s-min=10.3km az=76.0

ISC 26 08:54:08.8+0.6, 21.73N, 0.06x143.1E, h311km, n40, @121/49, mb4.0/20, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JHHJ, CBJJ, GUMO, etc. with their respective coordinates and phases.

SEY Seymchan 41.66 6 P 09 01 28.1 +1.0

WRA Warramunga Arr 42.02 192 P 09 02 31.7 -1.1

ASAR Alice Springs 46.01 192 P 09 02 00.8 -1.2

ZALV Zalesovo Beam 54.17 322 P 09 03 02.4 0.0

MKAR Makanchi Array 54.65 313 P 09 03 06.5 +0.3

KURBB Kurchatov Arr 57.45 28 P 09 04 04.8 0.0

ILAR Eielson Array 62.03 27 P 09 03 56.3 -0.1

BVAR Borovoye Array 62.63 319 P 09 04 00.9 +0.3

INK AKTYUBINSK 70.52 317 P 09 04 32.1 +0.4

YKA Yellowknife Ar 76.45 28 P 09 05 24.8 +0.5

ARCES ARCES Array B 78.88 341 P 09 05 38.0 +0.4

KBZ Khabarovsk 82.32 314 P 09 05 56.7 +0.6

FINES FINES Array B 83.14 334 P 09 05 09.2 -0.8

NVAR Nina Bay Array B 83.16 51 P 09 06 02.1 +1.3

NOA NORSAR Array B 88.91 339 P 09 06 26.2 -1.9

BRTR Reskin Array B 90.30 313 P 09 06 33.6 -1.5

TORD Torodi Ar. Bea 128.70 309 PKP PKPdf 09 12 39.7 -0.3

PLCA Paso Flores 145.80 313 PKPb 09 13 12.2 +0.3

LPAZ La Paz 149.96 144 PKPb 09 13 24.9 +0.8

IDC 26 09:17:07.7+3.7, 6.11S, 149.49E, h0km, mb3.3/3, mb1.3/6.4, mb1mx3.4/3.9, mbtmp3.4/4, ML1.7/1, Error ellipse: s-maj=117.5km s-min=41.8km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PLBC, PCA, PCKA, etc. with their respective coordinates and phases.

ISCJB 26 10:04:28.0+0.7, 38.01N, 0.03x35.60E, h3km, gkm, Error ellipse: s-maj=6.5km s-min=4.7km az=34.0

DDA 26 10:04:28.5, 38.03N, 35.65E, h7km, M2.7

CSEM 26 10:04:29.0+0.2, 38.00N, 35.61E, h5km, MD2.6, Error ellipse: s-maj=4.9km s-min=4.7km az=37.0

ISK 26 10:04:29.0, 38.00N, 35.60E, h10km, MD2.6

ISC 26 10:04:29.2, 3.3798N, 0.03x35.62E, h8km, 13km, n24, @943/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KOZT, AKO, ANDN, etc. with their respective coordinates and phases.

SJA 26 10:15:56.5+0.3, 34.87S, 74.26W, h19km, 41km, ML3.8

IDC 26 10:16:10.0+1.7, 35.01S, 72.70W, h0km, mb3.6/1, mb1.3/8.3, mb1mx3.5/1.9, mbtmp3.4/3, ML3.4/2, MS2.9/1, Ms1.2/9.1, ms1mx2.5/1.6, Error ellipse: s-maj=91.0km s-min=21.9km az=77.0

ISC 26 10:16:14.4+1.3, 34.8S, 0.1x72.0W, h29km, n9, @168/6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ROCI, AUSP, RTLS, etc. with their respective coordinates and phases.

MEX 26 10:18:23.4+0.7, 13.74N, 92.93W, h20km, MD4.0

IDC 26 10:18:24.5+0.0, 14.75N, 91.72W, h0km, mb3.3/3, mb1.4/0.4, mb1mx3.752, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=245.9km s-min=107.1km az=31.0

ISC 26 10:18:23.3+2.1, 14.0N, 0.2x92.8W, h210km, n8, @121/10, mb3.8/3, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCIG, CCIG, TGIG, etc. with their respective coordinates and phases.

IDC 26 10:20:15.7+7.7, 3.02S, 100.80E, h0km, mb3.4/3, mb1.3/5.3, mb1mx3.2/4.5, mbtmp3.4/3, Error ellipse: s-maj=288.3km s-min=30.6km az=60.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H08S2, H08S3, H08S1, etc. with their respective coordinates and phases.

NEIC 26 10:26:02.0, 8.61N, 71.38W, h5km, Mw4.0(CAR), MW4.0(CAR), After CAR, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VIGV, SDV, CAPV, etc. with their respective coordinates and phases.

26d 12h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like HRHS Heris, MSL Mosul, RTB Rutbah, etc.

2010 NOV

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like CHCP Chirah Chowk, KVT Kavak, SULT Sultanhani-AKS, etc.

1270

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

1271

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Alexandroupoli, Storozhevoje, and various other locations.

2010 NOV

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Atalanti, Atalanti, Atalanti, and various other locations.

26d 12h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Skopje, Polavaram, Skopje, and various other locations.

26Dy 12h

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NKY, NKME, NKMS, etc.

2010 NOV

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IZAR, BEHE, BEL, LUMB, etc.

1272

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TREC, TREC, KSP, etc.

CLL		eS	S	12 46 48.0	+1.8
CLL	comp=Z,113nm,1.2s	pmax	pmax		
CLL	comp=Z,1µm,20.9s	MLR	MLR		
CLL	Colim	37.62 319 eP	P	12 40 57.0	-0.4
CLL	comp=Z,112nm,1.2s,baz=111,slow=8.5				
CLL	Colim	37.62 319 i/P	P	12 40 57.2	-0.1
CLL	comp=Z,113nm,1.2s				
CLL		i		12 41 02.8	
CLL		ePPP	PnPn	12 42 24.0	-0.2
CLL		eS	S	12 42 50.0	
CLL		eSS	SS	12 46 48.0	+1.8
CLL		eSS	SS	12 49 36.0	+4.7
CLL		LV		12 58 00.0	
CLL	comp=Z,1µm,20.9s				
CLL	comp=N,2µm,18.5s		Lm	13 00 00.0	
CLL	comp=E,1µm,18.3s		Lm	13 00 00.0	
CLL	Colim	37.62 319 eP	P	12 40 57.3	-0.1
CLL	comp=E,147nm,1.2s				
CLL	Colim	37.62 319 eP	P	12 40 57.3	-0.1
CLL	comp=E,147nm,1.2s		LR		
FETA	Feichten	37.64 312 i/P	P	12 40 57.5	-0.3
FETA	Davos Dischmat	37.64 312 P	P	12 40 57.5	-0.3
FETA	Feichten	37.64 312 P	P	12 40 57.5	-0.3
RETA	Reutte	37.74 312 i/P	P	12 40 57.8	-0.8
RETA	Reutte	37.74 312 P	P	12 40 57.8	-0.8
FIAO	FINESS Array S	37.77 340 eP	P	12 40 58.2	-0.2
FIAO	FINESS Array S	37.77 340 eP	P	12 40 58.2	-0.2
FIAO	FINESS Array S	37.77 340 eP	P	12 40 58.2	-0.2
FIAS	FINESS Array B	37.77 340 P	P	12 40 58.2	-0.2
FINES	comp=Z,59nm,0.6s,baz=134,slow=11,SNR=84		LR	12 57 30.1	
FUORN	Ofenpass-Fuorn	37.84 311 eP	P	12 41 00.0	+0.4
FUORN	Ofenpass-Fuorn	37.84 311 eP	P	12 41 00.0	+0.4
GRF	Grafenberg Arr	38.11 316 eP	P	12 41 01.1	-0.5
GRF	comp=Z,140nm,1.4s,baz=111,slow=8.5		L	12 58 37.8	
GRFO	Grafenberg	38.11 316 eP	P	12 41 01.4	-0.1
GRFO	comp=Z,258nm,1.7s		pmax		
GRFO	comp=Z,2µm,19.0s		MLR		
GRFO	Grafenberg	38.11 316 eP	P	12 41 01.4	-0.1
GRFO	comp=Z,196nm,1.7s		P	12 41 01.4	-0.1
GRFO	comp=Z,258nm,1.7s		LR		
DAVOX	Davos Dischmat	38.14 311 LR	LR	13 00 27.9	
MOX	Moxa	38.19 318 eP	P	12 41 01.8	-0.5
DAVA	Damuels	38.26 312 i/P	P	12 41 02.5	-0.6
DAVA	Damuels	38.26 312 P	P	12 41 02.5	-0.6
BSD	Bornholm Skovb	38.27 326 i/P	P	12 41 01.9	-0.9
BSD	comp=Z,140nm,0.8s		pmax		
BSD	Bornholm Skovb	38.27 326 i/P	P	12 41 01.9	-0.9
BSD	comp=Z,135nm,0.8s		P	12 41 01.9	-0.9
BSD	Bornholm Skovb	38.27 326 i/P	P	12 41 01.9	-0.9
TUE	Stuetta	38.42 310 eP	P	12 41 04.1	-0.4
TUE	Stuetta	38.42 310 eP	P	12 41 04.1	-0.4
HVS	Khovu-Aksy	38.50 420 i/P	P	12 41 05.5	+0.6
HVS	comp=Z,18nm,0.7s		pmax		
H08N2	Diego Garcia H	38.55 150 P	P	12 41 06.1	+0.9
H08N2	comp=Z,299,slow=9.4,SNR=10		P	12 41 06.4	+1.1
H08N1	Diego Garcia H	38.57 150 P	P	12 41 06.4	+1.1
H08N1	comp=Z,299,slow=9.4,SNR=10		P	12 41 06.4	+1.1
ABSA	Djebel Ababsia	38.74 294 P	P	12 41 08.8	+1.7
ABSA	Djebel Ababsia	38.74 294 P	P	12 41 08.8	+1.7
CMAH	Djebel Manchou	38.78 294 P	P	12 41 08.9	+1.5
CMAH	Djebel Manchou	38.78 294 P	P	12 41 08.9	+1.5
RGN	Rugen	38.81 324 eP	P	12 41 05.9	-1.4
RGN	comp=Z,370nm,1.0s		P	12 41 05.9	-1.4
RGN	Rugen	38.81 324 eP	P	12 41 05.9	-1.4
RGN	comp=Z,370nm,1.0s		LR		
STU	Stuttgart	39.10 314 eP	P	12 41 08.2	-1.7
STU	comp=Z,36nm,1.0s,baz=111,slow=8.5		P	12 41 09.5	-1.2
SPAK	Spaichingen-Ko	39.19 313 i/P	P	12 41 12.6	+1.4
CAEH	'Ain El Ouahch	39.23 295 P	P	12 41 12.6	+1.4
CAEH	'Ain El Ouahch	39.23 295 P	P	12 41 12.6	+1.4
REVf	Revere	39.29 306 eP	P	12 41 12.3	+0.7
LUCF	Luceran	39.33 306 eP	P	12 41 11.7	-0.3
CLZ	Clausthal	39.34 319 eP	P	12 41 11.9	0.0
MWIF	Mont Viaz	39.47 306 eP	P	12 41 10.0	-3.2
GTGG	Gvttingen	39.48 318 eP	P	12 41 13.1	+0.1
GTGG	comp=Z,66nm,1.2s,baz=111,slow=8.5		P	12 41 13.1	+0.1
CASM	Ain Smara	39.53 294 P	P	12 41 15.1	+1.4
CASM	Ain Smara	39.53 294 P	P	12 41 15.1	+1.4
BFO	Black Forest	39.54 313 i/P	P	12 41 14.2	+0.6
BFO	Black Forest	39.54 313 i/P	P	12 41 14.2	+0.6
BFO	Black Forest	39.54 313 P	P	12 41 13.8	+0.2
BFO	comp=Z,140nm,0.6s,SNR=6.1		P	12 41 12.9	-0.7
BFO	Black Forest	39.54 313 eP	P	12 41 12.9	-0.7
BFO	comp=Z,29nm,1.0s		P	12 41 12.9	-0.7
BFO	Black Forest	39.54 313 eP	P	12 41 12.9	-0.7
BFO	comp=Z,29nm,1.0s		LR		
TOD	Tromm	39.58 315 i/P	P	12 41 13.0	-0.9
CALN	Calern	39.64 306 eP	P	12 41 12.4	-2.2
FELD	Feldberg im Sc	39.64 312 i/P	P	12 41 13.7	-0.9
NRDL	Niedersach Rie	39.73 320 eP	P	12 41 15.7	+0.8
SENIN	Lac Senin/Sane	39.78 310 eP	P	12 41 15.2	-0.7
SENIN	comp=Z,35nm,0.8s		P	12 41 15.2	-0.7
SENIN	Lac Senin/Sane	39.78 310 eP	P	12 41 15.2	-0.7
SENIN	comp=Z,35nm,0.8s		P	12 41 15.2	-0.7
COP	Copenhagen	39.79 325 i/P	P	12 41 16.4	+1.0
COP	comp=Z,150nm,0.8s		pmax		
COP	Copenhagen	39.79 325 i/P	P	12 41 16.4	+1.0
COP	comp=Z,150nm,0.8s		P	12 41 16.4	+1.0
COP	Copenhagen	39.79 325 i/P	P	12 41 16.4	+1.0
COP	comp=Z,147nm,0.8s		P	12 41 16.4	+1.0
BBS	Basel-Blauen	39.87 312 i/P	P	12 41 15.9	-0.5
KTD	Kalmit	39.95 314 i/P	P	12 41 16.1	-0.9
LIMB	Limbürg	39.97 313 eP	P	12 41 16.8	-0.8
TNS	Talun Mts	39.98 316 eP	P	12 41 17.0	-0.2
BNI	Bardonecchia	39.98 308 eP	P	12 41 17.0	-0.4
BNI	comp=Z,173nm,1.5s		pmax		
BNI	Bardonecchia	39.98 308 eP	P	12 41 17.0	-0.4
BNI	comp=Z,173nm,1.5s		P	12 41 17.0	-0.4
BNI	Bardonecchia	39.98 308 eP	P	12 41 17.0	-0.4
DFRA	Djebel Bou Aff	40.02 294 P	P	12 41 19.5	+1.6
DFRA	Djebel Bou Aff	40.02 294 P	P	12 41 19.5	+1.6
LANF	Langenberg	40.04 314 i/P	P	12 41 16.2	-1.5
KRAR	Krasnoyarsk	40.04 34 i/P	P	12 41 16.8	-0.8
KRAR	comp=Z,300nm,1.3s		pmax		
RSL	Roselend	40.12 309 i/P	P	12 41 17.4	-1.2
BSEG	Bad Segeberg	40.16 322 eP	P	12 41 18.7	+0.2
DGAR	Diego Garcia	40.17 148 eP	P	12 41 21.2	+2.1
DGAR	comp=Z,172nm,1.2s,baz=111,slow=8.5		pmax		
DGAR	Diego Garcia	40.17 148 eP	P	12 41 18.8	-0.2
DGAR	comp=Z,100nm,0.8s		pmax		
DGAR	Diego Garcia	40.17 148 eP	P	12 41 18.8	-0.2
DGAR	comp=Z,102nm,0.8s		P	12 41 18.8	-0.2
DGAR	Diego Garcia	40.17 148 eP	P	12 41 18.8	-0.2

WLS	Welschbruch	40.19 313 eP	P	12 41 18.1	-0.9
OG01	Vacheresse	40.20 310 i/P	P	12 41 18.3	-0.9
MOF	Molkenrain	40.20 312 i/P	P	12 41 18.5	-0.7
ECHY	Echery	40.27 313 eP	P	12 41 18.7	-1.0
LOMF	Lomo	40.30 311 eP	P	12 41 19.3	-0.7
H08S3	Diego Garcia H	40.37 149 P	P	12 41 21.9	+1.5
H08S1	Diego Garcia H	40.38 149 P	P	12 41 19.3	-1.3
DGPR	DIGLIPUR	40.39 103 eP	P	12 41 21.9	+0.9
DGPR	comp=Z,143nm,1.0s		AMB	12 41 25.5	
H08S2	Diego Garcia H	40.39 149 P	P	12 41 22.3	+1.7
H08S2	comp=Z,336,slow=15,SNR=4.2		P	12 41 22.0	+0.9
SET	Setif	40.42 294 P	P	12 41 22.0	+0.9
SET	Setif	40.42 294 P	P	12 41 22.0	+0.9
ABH	Alteburg	40.44 315 eP	P	12 41 20.1	-0.9
GTA	Gaotai	40.49 61 i/P	P	12 41 22.8	+1.0
GTA			pP	12 41 27.0	-0.1
GTA			pP	12 41 29.8	+0.6
GTA			PnPn	12 43 00.5	+1.6
GTA			PcP	12 43 25.0	+0.8
GTA			ScP	12 47 14.5	+1.6
GTA			PcS	12 47 15.8	+0.9
GTA			S	12 47 31.9	+1.2
GTA			SS	12 47 39.5	+0.7
GTA			SS	12 50 26.3	-3.2
GTA			ScS	12 51 26.3	-0.9
GTA	comp=Z,140nm,1.1s		PMZ		
GTA	comp=Z,650nm,7.1s		LN		
GTA	comp=Z,3µm,16.2s		LE		
GTA	comp=Z,2µm,14.3s		LZ		
RUP	Ruppelsstein	40.70 315 i/P	P	12 41 22.4	-0.8
IBBN	Ibbenburg	41.02 319 eP	P	12 41 26.4	+0.7
THEF	Thiefort	41.04 312 eP	P	12 41 27.7	-1.3
BUG	Bochum-Üniver	41.05 317 eP	P	12 41 26.2	+0.2
APA	Apatity	41.19 349 i/P	P	12 41 27.2	+0.3
APA			i	12 42 58.6	
APA			S	12 47 40.0	+0.6
APA			iSS	12 50 30.0	-1.2
APA			pmax		
APA	comp=Z,243nm,1.4s		MLR		
WLF	Walferdange	41.26 314 P	P	12 41 27.7	0.0
WLF	Walferdange	41.26 314 P	P	12 41 27.7	0.0
WLF	comp=Z,44nm,0.8s		pmax		
WLF	Walferdange	41.26 314 eP	P	12 41 26.9	-0.9
WLF	Walferdange	41.26 314 P	P	12 41 27.7	0.0
WLF	Walferdange	41.26 314 eP	P	12 41 27.7	0.0
WLF	comp=Z,41nm,1.3s		P	12 41 27.7	0.0
LVZ	Lovozero	41.29 350 eP	P	12 41 27.7	-0.1
LVZ	comp=Z,100nm,1.2s		pmax		
LVZ	Lovozero	41.29 350 P	P	12 41 27.9	+0.1
HFS	Hagfors	41.45 332 P	P	12 41 28.4	-0.7
HFS	comp=Z,62nm,0.9s,baz=136,slow=8.5,SNR=81		LR	12 58 37.5	
WTSB	Winterswijk	41.48 318 eP/g	P	12 41 30.1	+0.6
SSB	Saint Sauveur	41.51 308 eP	P	12 41 29.2	-0.7
SSB	comp=Z,25nm,1.0s		pmax		
SSB	Saint Sauveur	41.51 308 eP	P	12 41 29.2	-0.7
SSB	comp=Z,25nm,1.0s		pmax		
SSB	Saint Sauveur	41.51 308 eP	P	12 41 29.2	-0.7
MEM	Membrach	41.58 316 P	P	12 41 30.3	-0.1
HGN	Heimgroevne	41.67 316 eP/g	P	12 41 31.5	+0.4
HGN	comp=Z,188nm,1.6s,baz=105		eP	12 43 14.2	+1.9
MUD	Monsted U'grnd	41.77 325 i/P	P	12 41 32.6	+0.8
MUD	comp=Z,190nm,1.0s		pmax		
MUD	Monsted U'grnd	41.77 325 i/P	P	12 41 32.6	+0.8
MUD	comp=Z,186nm,1.0s		P	12 41 32.6	+0.8
BEBN	Eben Enael	41.84 316 P	P	12 41 33.5	+1.1
BCLA	Clavier	41.97 315 P	P	12 41 34.1	+0.5
PLDF	La Plantade	42.24 309 eP	P	12 41 34.2	-1.7
DOU	Dourbes	42.34 315 P	P	12 41 36.6	0.0
EMHD	Djebel Mahouad	42.39 294 P	P	12 41 38.7	+1.3
TAM	Tamanrasset	42.59 274 eP	P	12 41 39.9	+0.7
TAM	comp=Z,39nm,0.9s		pmax		
TAM	Tamanrasset	42.59 274 eP	P	12 41 39.9	+0.7
TAM	comp=Z,1µm,18.0s		MLR		
TAM	Tamanrasset	42.59 274 eP	P	12 41 39.9	+0.7
TAM	comp=Z,40nm,0.9s		P	12 41 39.9	+0.7
TAM	Tamanrasset	42.59 274 eP	P	12 41 39.9	+0.7
TAM	comp=Z,40nm,0.9s		LR		
AGO	Saint Agoulin	42.59 309 eP	P	12 41 37.9	-0.8
OSL	Oslo	42.62 330 eP	P	12 41 38.4	-0.3
OSL	comp=Z,137nm,1.0s		IAMB	12 41 42.6	
SNF	Geneife	42.63 315 P	P	12 41 39.3	+0.4
PYM	Petit Puy Mans	42.64 308			

26d 12h

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like ERM Erimo, KAPI Kappang, BILL Bilibino, etc.

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Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like NWAO Narrogin (SRO), BPAW Bear Paw Mtn., WRH Wood River Hill, etc.

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Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like AS01 Alice Springs, DLBC Dease Lake, TRY Troy, etc.

26d 13h

BDFB	comp=Z,2.0m,18.2s,baz=2.0,slow=35	LR	LR	13 17 34.3		
BDFB	Brasilia	26.58 189	P	P	13 07 32.5 +0.2	
BDFB	comp=Z,7.0nm,0.6s	PMAX	PMAX			
BDFB	comp=Z,2.0m,18.2s	MLR	MLR			
SDV	Santo Domingo	26.61 268	eP	P	13 07 29.2 -3.6	
SDV	comp=Z,4.3nm,1.0s	LR	LR			
SAML	Samuel	27.56 225	eP	P	13 07 41.1 0.0	
SAML	comp=Z,5.0nm,0.9s	LR	LR			
GRTK	Grand Turk	28.40 296	PFAKE	LR	13 08 00.0 +1.2	
GRTK	comp=Z,1.0m,21.0s	LR	LR			
BBSR	BB Station	28.95 321	PFAKE	LR	13 08 00.0 +6.8	
BBSR	comp=Z,9.92nm,21.0s	LR	LR			
ROSC	El Rosal	30.91 261	P	P	13 08 11.0 -0.2	
ROSC	comp=Z,1.1nm,0.7s,baz=7.3,slow=21,SNR=4.6	LR	LR			
ROSC	comp=Z,4.0m,18.4s,baz=96,slow=38	LR	LR	13 21 39.7		
GTBY	Guantanamo Bay	31.60 291	PFAKE	LR	13 08 30.0 +1.3	
GTBY	comp=Z,7.13nm,21.0s	LR	LR			
MTDJ	Mount Denham	33.56 287	PFAKE	LR	13 08 40.0 +5.8	
MTDJ	comp=Z,1.0m,20.0s	LR	LR			
SPB	Sao Paulo	34.34 186	PFAKE	LR	13 08 50.0 +9.3	
SPB	comp=Z,1.0m,20.0s	LR	LR			
H10N3	ASCENSION HYDR34.43 121	T	T	13 44 56.8		
H10N2	ASCENSION HYDR34.43 121	T	T	13 44 58.5		
H10N1	ASCENSION HYDR34.45 121	T	T	13 44 60.0		
ASCN	Ascension	34.59 121	PFAKE	LR	13 08 50.0 +6.9	
ASCN	comp=Z,1.0m,22.0s	LR	LR			
H10S3	ASCENSION HYDR34.89 123	T	T	13 45 30.5		
H10S1	ASCENSION HYDR34.90 123	T	T	13 45 25.8		
H10S2	ASCENSION HYDR34.91 123	T	T	13 45 31.8		
BCIP	Isla Barro Col	35.63 271	PFAKE	LR	13 09 00.0 +8.0	
BCIP	comp=Z,6.57nm,19.0s	LR	LR			
OTAV	Otavallo	36.10 255	eP	P	13 08 54.5 -2.1	
OTAV	comp=Z,9.9nm,1.9s	LR	LR			
OTAV	comp=Z,9.23nm,19.0s	LR	LR			
LPAZ	La Paz	36.16 222	P	P	13 08 58.1 +1.0	
LPAZ	comp=Z,1.8nm,0.8s,baz=34,slow=6.8,SNR=55	LR	LR	13 24 07.9		
LPAZ	comp=Z,1.9m,19.8s,baz=66,slow=57	P	P	13 08 58.1 +1.0		
LPAZ	comp=Z,1.9m,19.8s,baz=66,slow=57	PMAX	PMAX			
LPAZ	comp=Z,7.5nm,1.4s	eP	P	13 08 58.1 +1.0		
TIC	Toumoudi	38.42 93	eP	P	13 09 13.3 -2.5	
LIC	Lamto	38.48 94	eP	P	13 09 11.9 -4.4	
DBIC	Dimbokro	38.58 93	P	P	13 09 14.2 -2.8	
DBIC	comp=Z,2.0nm,0.9s,baz=269,slow=10,SNR=19	LR	LR	13 21 02.0		
DBIC	comp=Z,4.41nm,21.9s,baz=264,slow=30	P	P	13 09 15.3 -1.8		
DBIC	Dimbokro	38.58 93	eP	PMAX		
DBIC	comp=Z,2.26nm,0.9s	P	P	13 09 15.3 -1.8		
KIC	Kosan Boka	38.74 93	eP	P	13 09 16.1 -2.4	
CPUP	Villa Florida	39.18 200	P	P	13 09 22.8 +0.9	
CPUP	comp=Z,3.0nm,0.9s,baz=31,slow=7.9,SNR=7.1	LR	LR	13 26 33.0		
CPUP	comp=Z,7.8nm,18.1s,baz=28,slow=38	P	P	13 09 23.2 +1.3		
CPUP	Villa Florida	39.18 200	eP	P	13 09 23.2 +1.3	
CNNC	Cliffs of the	39.49 314	PFAKE	LR	13 09 30.0 +5.6	
CNNC	comp=Z,2.0m,22.0s	LR	LR			
NHSC	New Hope	40.19 309	PFAKE	LR	13 09 40.0 +1.0	
JTS	JuntasAbangare	40.55 273	PFAKE	LR	13 09 40.0 +6.4	
JTS	comp=Z,1.0m,22.0s	LR	LR			
CBN	Corbin	40.68 318	PFAKE	LR	13 09 40.0 +5.7	
CBN	comp=Z,1.0m,20.0s	LR	LR			
PKME	Peaks-Kenny Pk	40.79 332	PFAKE	LR	13 09 40.0 +4.9	
PKME	comp=Z,2.0m,19.0s	LR	LR			
RTC	Rabat Centre	40.76 50	PFAKE	LR	13 09 50.0 +1.4	
RTC	comp=Z,6.0m,21.0s	LR	LR			
KMSC	Kings Mountain	41.93 311	P	P	13 09 45.1 +0.4	
MDT	Midelt	42.06 52	P	P	13 09 45.7 -0.2	
TIGA	Tifton	42.22 305	P	P	13 09 47.9 +0.8	
TIGA	comp=Z,3.0nm,1.1s,baz=242,slow=9.7,SNR=2.3	P	P	13 09 47.9 +0.8		
TIGA	Tifton	42.22 305	eP	P	13 09 45.9 -1.2	
BLA	Blacksburg	42.23 315	PFAKE	LR	13 10 00.0 +1.3	
BLA	comp=Z,2.0m,21.0s	LR	LR			
NCB	Newcomb	42.32 327	PFAKE	LR	13 10 00.0 +1.2	
NCB	comp=Z,2.0m,19.0s	LR	LR			
LONY	Lake Ozonia	42.95 327	PFAKE	LR	13 10 00.0 +7.2	
LONY	comp=Z,1.0m,21.0s	LR	LR			
MTE	Manteigas	43.47 41	PFAKE	LR	13 10 10.0 +1.3	
MTE	comp=Z,1.0m,20.0s	LR	LR			
TKL	Tuckaleechee C	43.96 311	P	P	13 10 01.1 0.0	
TORD	Tordi Ar. Be	44.42 82	P	P	13 10 02.7 -2.4	
TORD	comp=Z,5.4nm,0.8s,baz=276,slow=8.0,SNR=29	LR	LR	13 26 01.3		
TORD	comp=Z,7.72nm,20.4s,baz=265,slow=33	P	P	13 10 04.9 0.0		
CPCT	Cooper Cave	44.43 310	eP	P	13 10 20.0 +1.1	
BRAL	Brewton	44.90 303	PFAKE	LR		
BRAL	comp=Z,9.51nm,21.0s	LR	LR			
PAB	San Pablo	45.15 44	PFAKE	LR	13 10 20.0 +9.3	
PAB	comp=Z,9.83nm,19.0s	LR	LR			
SWET	Sewanee	45.41 309	eP	P	13 10 08.8 -3.9	
ESDC	Sonsec Array	45.47 44	P	P	13 10 10.9 -2.3	
ESDC	comp=Z,0.6nm,0.5s,baz=239,slow=8.9,SNR=9.9	LR	LR	13 24 47.0		
ESDC	comp=Z,6.36nm,21.5s,baz=205,slow=30	P	P	13 10 10.5 -2.7		
LRAL	Lakeview Retre	45.47 306	P	P	13 10 10.5 -2.7	
SHEL	Horse Pasture	45.99 125	PFAKE	LR	13 10 30.0 +1.2	
SHEL	comp=Z,3.58nm,20.0s	LR	LR			
WWT	Waverly	47.18 310	eP	PMAX	13 10 26.5 -0.1	
WWT	comp=Z,9.90nm,1.8s	PMAX	PMAX			
WWT	Waverly	47.18 310	eP	P	13 10 26.5 -0.1	
CCIG	Comitan	47.34 282	eP	P	13 10 27.5 -0.8	
LOCO	Las Campanas	47.37 213	PFAKE	LR	13 10 40.0 +1.2	
SCHO	Schefferville	47.62 342	P	P	13 10 28.2 -1.5	
SCHO	comp=Z,6.8nm,0.8s,baz=176,slow=13,SNR=3.6	LR	LR	13 27 20.8		
PAYG	Puerto Ayora	47.70 259	PFAKE	LR	13 10 40.0 +9.0	
PAYG	comp=Z,6.19nm,19.0s	LR	LR			
OXF	Oxford	47.85 307	P	PMAX	13 10 26.5 -5.3	
OXF	comp=Z,4.3nm,1.0s	PMAX	PMAX			
OXF	Oxford	47.85 307	P	P	13 10 26.5 -5.3	

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SFIN	Scholer Farm	48.32 315	P	P	13 10 36.2 +0.9
OLIL	Olney	48.35 313	eP	P	13 10 33.6 -2.1
TAM	Tamanrasset	48.40 69	eP	PMAX	13 10 36.2 -0.3
TAM	comp=Z,2.2nm,1.4s	MLR	MLR		
TAM	comp=Z,2.0m,20.0s	eP	P	13 10 36.2 -0.3	
TAM	comp=Z,2.2nm,1.4s	LR	LR		
SIUC	Southern Illin	48.78 311	eP	P	13 10 38.1 -0.9
PBMO	Poplar Bluff	49.37 310	eP	P	13 10 43.5 +0.1
HDIL	Hopedale	49.92 315	P	P	13 10 48.5 +0.9
UALR	University of	50.23 306	eP	P	13 10 50.2 +0.1
CCM	Cathedral Cave	50.41 311	P	PMAX	13 10 49.0 -2.4
CCM	comp=Z,2.6nm,1.3s	PMAX	PMAX		
CCM	Cathedral Cave	50.41 311	P	P	13 10 49.0 -2.4
VIDOR	VIDOR	50.48 300	P	P	13 10 52.5 +0.4
440A	Kirbyville	50.58 301	P	P	13 10 53.1 +0.3
539A	Cross D Ranch,	51.10 300	P	P	13 10 56.9 +0.2
MIAR	Mount Ida	51.15 306	eP	SP	13 10 56.2 -0.8
MIAR	comp=Z,1.0m,19.0s	MLR	MLR	13 11 02.4 -1.6	
MIAR	Mount Ida	51.15 306	P	P	13 10 57.4 +0.4
MIAR	comp=Z,1.0m,19.0s	LR	LR		
MIAR	Mount Ida	51.15 306	eP	SP	13 10 56.2 -0.8
MIAR	comp=Z,1.0m,19.0s	LR	LR		
339A	Huntington	51.20 302	P	P	13 10 57.8 +0.3
439A	Center Grove,	51.27 301	P	P	13 10 58.3 +0.3
239A	Gary	51.27 302	P	P	13 10 58.2 +0.3
139A	Bunkhouse Ranc	51.36 303	P	P	13 10 58.9 +0.3
NATX	Nacogdoches	51.38 302	PFAKE	LR	13 11 10.0 +1.1
NATX	comp=Z,8.08nm,19.0s	LR	LR		
Y39A	Lockesburg	51.41 305	P	P	13 10 59.7 +0.7
TRQA	Tronquist	51.49 198	PFAKE	LR	13 11 10.0 +1.1
TRQA	comp=Z,8.08nm,19.0s	LR	LR		
JFWS	Jewell Farm	51.52 317	eP	PMAX	13 10 54.0 -5.7
JFWS	comp=Z,2.1nm,0.8s	PMAX	PMAX		
JFWS	Jewell Farm	51.52 317	eP	P	13 10 54.0 -5.7
738A	Fan Stevens R	51.67 298	P	P	13 11 01.3 +0.4
238A	Jacksonville	51.81 302	P	P	13 11 02.4 +0.4
Y38A	Idabel	51.92 305	P	P	13 11 03.5 +0.7
138A	Matatal Enter	51.92 303	P	P	13 11 03.5 +0.6
Z38A	M. Pleasant	51.97 304	P	P	13 11 03.5 +0.3
W38A	Poteau	52.04 306	P	P	13 11 04.4 +0.7
V38A	Canehill	52.16 307	P	P	13 11 05.9 +1.3
X38A	Whitesboro	52.18 306	P	P	13 11 05.4 +0.7
U38A	Gravette	52.30 308	P	P	13 11 06.1 +0.5
N37A	Derby Farms, D	52.30 314	P	P	13 11 06.4 +0.9
337A	Centerville	52.31 301	P	P	13 11 06.5 +0.8
737A	Port Lavaca	52.34 298	P	P	13 11 06.8 +0.8
637A	Eagle Lake	52.36 299	P	P	13 11 06.7 +0.6
237A	Washetta, Mont	52.38 302	P	P	13 11 06.7 +0.5
537A	Green Hill Far	52.45 300	P	P	13 11 07.3 +0.5
137A	Heron Place, G	52.46 303	P	P	13 11 07.4 +0.6
Z37A	Pogue Cattle C	52.48 304	P	P	13 11 07.3 +0.3
X37A	Clayton	52.60 305	P	P	13 11 08.1 +0.2
Y37A	Hugo	52.65 305	P	P	13 11 08.8 +0.6
O38A	Galt	52.73 313	P	P	13 11 09.7 +1.0
V37A	Hulbert	52.74 307	P	P	13 11 09.4 +0.5
W37A	Quinton	52.77 306	P	P	13 11 09.8 +0.7
N38A	Joes South For	52.79 313	P	P	13 11 09.8 +0.7
U37A	Salina	52.85 308	P	P	13 11 10.1 +0.4
T37A	Cheneyville 18	52.90 309	P	P	13 11 10.7 +0.7
736A	Circle Diamond	52.91 298	P	P	13 11 10.5 +0.2
M38A	Pleasantville	52.98 314	P	P	13 11 11.1 +0.6
636A	Smothers Creek	52.99 299	P	P	13 11 10.9 +0.1
S37A	Fort Scott	53.01 309	P	P	13 11 11.8 +1.0
Q37A	Longview Farm,	53.05 311	P	P	13 11 11.7 +0.6
L38A	Oak Wood Farm,	53.07 315	P	P	13 11 11.7 +0.5
136A	Ennis	53.07 303	P	P	13 11 11.9 +0.5
536A	Bastrop	53.09 300	P	P	13 11 11.6 0.0
336A	Riesel	53.13 301	P	P	13 11 12.0 +0.2
K38A	Parkersburg	53.13 316	P	P	13 11 13.1 +1.5
Z36A	Blue Ridge	53.16 304	P	P	13 11 12.1 +0.1
SCIA	State Center	53.16 315	PFAKE	LR	13 11 20.0 +8.1
R37A	Teagarden Farm	53.17 310	P	P	13 11 13.1 +1.1
Y36A	Durant	53.17 304	P	P	13 11 12.6 +0.5
J38A	Wedel Dairy, R	53.18 317	P	P	13 11 13.4 +1.4
O37A	Woven Farm, M	53.23 312	P	P	13 11 13.4 +1.0
TUL1	Tulsa	53.26 307	P	P	13 11 13.2 +0.5
TUL1	Tulsa	53.26 307	P	P	13 11 10.8 -3.8
U36A	Oologah	53.33 308	P	P	13 11 14.0 +0.8
V36A	Jenks	53.34 307	P	P	13 11 13.9 +0.6
I38A	Scanlan Farm,	53.36 318	P	P	13 11 14.2 +0.9
X36A	Centrahoma	53.38 305	P	P	13 11 14.0 +0.5
W36A	Wetumka	53.41 306	P	P	13 11 14.4 +0.6
035Z	Hargill	53.47 295	P	P	13 11 15.1 +0.7
N37A	Lee Faris, Mou	53.47 313	P	P	13 11 15.8 +1.6
835A	Beeville	53.48 297	P	P	13 11 14.8 +0.3
535A	Dale	53.51 299	P	P	13 11 15.4 +0.7

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735A	Kenedy	53.54 298	P	P	13 11 15.1 +0.2
035A	Encino	53.56 296	P	P	13 11 15.0 0.0
S36A	Lake Cedric, C	53.58 309	P	P	13 11 16.2 +1.2
M37A	Trindle Farm,	53.58 314	P	P	13 11 15.6 +0.6
635A	Leesville	53.59 299	P	P	13 11 15.6 +0.4
SSB	Saint Sauveur	53.59 41	PFAKE		

P34A	baz=55 Walnut Farm, R	55.01 311	P	P	13 11 26.0 +0.5
I35A	baz=55 Creekview Farm	55.07 316	P	P	13 11 26.6 +0.8
133A	baz=55 Hamilton Ranch	55.08 302	P	P	13 11 26.7 +0.7
O34A	baz=55 Beatrice	55.10 312	P	P	13 11 27.0 +0.9
X33A	baz=55 Lawton	55.10 305	P	P	13 11 26.6 +0.4
N34A	baz=55 Lincoln	55.15 313	P	P	13 11 27.4 +1.0
D36A	baz=55 Goodland	55.17 321	P	P	13 11 27.5 +1.1
V33A	baz=55 Lossen Ranch,	55.20 306	P	P	13 11 27.4 +0.5
U33A	baz=55 Lingo Farm, Me	55.20 307	P	P	13 11 27.5 +0.6
W33A	baz=55 Caddo, Fort Co	55.20 305	P	P	13 11 27.5 +0.6
C36A	baz=55 Pine Crest Far	55.21 322	P	P	13 11 27.9 +1.1
G35A	baz=55 Watkins	55.24 318	P	P	13 11 27.9 +1.0
H35A	baz=55 Sunnyside Ranc	55.27 317	P	P	13 11 28.4 +1.2
632A	baz=55 Uvalde	55.34 298	P	P	13 11 28.5 +0.4
832A	baz=55 Faith Ranch, C	55.36 297	P	P	13 11 28.3 +0.2
WMOK	baz=55 Wichita Mounta	55.37 305	eP	P	13 11 24.4 -3.7
WMOK	comp=Z,26nm,1.4s		pmax	pmax	
WMOK	comp=Z,1.1um,20.0s		MLR	MLR	
WMOK	Wichita Mounta	55.37 305	eP	P	13 11 24.4 -3.7
WMOK	comp=Z,26nm,1.4s		LR	LR	
L34A	comp=Z,1.1um,20.0s Svensen Farm,	55.41 314	P	P	13 11 29.0 +0.8
732A	baz=55 Laxson Ranch,	55.41 297	P	P	13 11 28.4 0.0
K34A	baz=55 Le Mars	55.44 315	P	P	13 11 29.4 +0.9
JCT	baz=55 Junction City	55.49 300	P	P	13 11 24.1 -5.0
JCT	comp=Z,27nm,1.0s		pmax	pmax	
JCT	comp=Z,557nm,20.0s		MLR	MLR	
JCT	Junction City	55.49 300	P	P	13 11 29.3 +0.2
JCT	baz=55, SNR=5.2		P	P	13 11 24.1 -5.0
JCT	Junction City	55.49 300	P	P	13 11 24.1 -5.0
JCT	comp=Z,27nm,1.0s		LR	LR	
532A	comp=Z,557nm,20.0s Rocksprings	55.53 299	P	P	13 11 29.7 +0.3
F35A	baz=55 Svanville	55.54 319	P	P	13 11 30.3 +1.2
432A	baz=55 Menard	55.54 300	P	P	13 11 30.0 +0.5
J34A	baz=55 George	55.54 316	P	P	13 11 30.1 +0.9
R33A	baz=55 Olander Ranch,	55.55 309	P	P	13 11 30.0 +0.6
232A	baz=55 Coleman	55.57 301	P	P	13 11 30.0 +0.4
332A	baz=55 Millersview	55.57 301	P	P	13 11 30.1 +0.5
Q33A	baz=55, SNR=6.9 Connelly Farm,	55.62 310	P	P	13 11 30.6 +0.7
Z32A	baz=55 Haskell	55.67 303	P	P	13 11 30.8 +0.5
D35A	baz=55 Remer	55.68 320	P	P	13 11 31.3 +1.2
ABTX	baz=55 Abilene, Hawle	55.69 302	P	P	13 11 31.0 +0.5
ABTX	baz=55 Abilene, Hawle	55.69 302	eP	P	13 11 28.9 -1.6
E35A	comp=Z,16nm,0.8s Pequot Lakes	55.70 320	P	P	13 11 31.5 +1.3
X32A	baz=55 Elmer	55.72 304	P	P	13 11 31.2 +0.6
O33A	baz=55 Hebron	55.72 311	P	P	13 11 31.7 +1.1
DOU	baz=55 Dourbes	55.73 36	P	P	13 11 33.3 +2.9
V32A	baz=55 R-V Farms, Ver	55.76 304	P	P	13 11 31.9 +0.9
V32A	baz=55 Arapaho	55.78 306	P	P	13 11 31.6 +0.6
W32A	baz=55 Sentinel	55.82 305	P	P	13 11 31.8 +0.4
M33A	baz=56, SNR=6.7 Taylor Creek F	55.87 313	P	P	13 11 32.9 +1.3
C35A	baz=56 Jirik Farms, M	55.89 321	P	P	13 11 32.7 +1.1
U32A	baz=56 Winter Ranch,	55.89 307	P	P	13 11 32.5 +0.7
H34A	baz=56 Spellman Lake,	55.89 317	P	P	13 11 32.7 +1.1
TRIS	baz=56 Tristan da Cun	55.96 150	PFAKE	LR	13 11 40.0 +7.9
TRIS	comp=Z,995nm,21.0s		LR	LR	
H09W1	TRISTAN DA CUN	55.97 150	T	T	14 12 14.8
G34A	baz=56 Benson	56.00 318	P	P	13 11 33.5 +1.1
B35A	baz=56 Bob, Littlefor	56.01 322	P	P	13 11 33.5 +1.0
T32A	baz=56 Huddell Ranch,	56.01 308	P	P	13 11 33.1 +0.4
631A	baz=56 Perdido Creek	56.02 298	P	P	13 11 33.2 +0.3
531A	baz=56 Rocksprings	56.09 299	P	P	13 11 33.4 +0.1
L33A	baz=56 Hoskins	56.10 314	P	P	13 11 34.0 +0.8
R32A	baz=56 Long Quarter,	56.14 309	P	P	13 11 34.1 +0.6
S32A	baz=56 Newby Ranch, P	56.14 308	P	P	13 11 34.3 +0.8
231A	baz=56 Bronte	56.14 301	P	P	13 11 34.0 +0.3
331A	baz=56 San Angelo	56.14 300	P	P	13 11 34.4 +0.7
ECSD	baz=56 EROS Data Cent	56.14 316	P	P	13 11 34.4 +0.9
Q32A	baz=56 Meitler Ranch,	56.16 310	P	P	13 11 34.6 +0.8
431A	baz=56 Sonora	56.21 300	P	P	13 11 34.7 +0.4
Z31A	baz=56, SNR=5.8 Sharp Cattle R	56.22 303	P	P	13 11 34.8 +0.6
J33A	baz=56 Davis	56.25 315	P	P	13 11 35.0 +0.7
O32A	baz=56 Brockman Farm,	56.28 311	P	P	13 11 35.1 +0.5
BCLA	baz=56 Clavier	56.28 35	P	P	13 11 37.2 +2.9
131A	baz=56 Roly	56.31 302	P	P	13 11 34.9 -0.1
X31A	baz=56 McDonald Ranch	56.32 304	P	P	13 11 35.0 0.0
P32A	baz=56 Hutting Farm,	56.35 311	P	P	13 11 35.2 +0.1
SFJD	baz=56 Kangerlussuaq	56.36 357	P	P	13 11 35.1 +0.5
I33A	comp=Z,7.6nm,0.9s, baz=190, slow=14, SNR=2.6 Coleman	56.37 316	P	P	13 11 35.7 +0.5
W31A	baz=56 Holland Ranch,	56.39 305	P	P	13 11 35.5 +0.1
D34A	baz=56 Park Rapids	56.40 320	P	P	13 11 36.2 +0.9
V31A	baz=56 Rieketa Farm,	56.43 304	P	P	13 11 35.7 0.0
V31A	baz=56, SNR=7.9 Spring Creek L	56.43 306	P	P	13 11 35.9 +0.2
N32A	baz=56 Stulken Farm,	56.43 312	P	P	13 11 36.6 +0.9
WLF	baz=56 Walferdange	56.44 37	PFAKE	LR	13 11 50.0 +15
WLF	comp=Z,875nm,19.0s		LR	LR	
BGNE	baz=56 Belgrade	56.51 313	P	P	13 11 36.8 +0.6
BGNE	baz=56 Belgrade	56.51 313	eP	P	13 11 30.7 -5.5
G33A	comp=Z,94nm,0.9s Ortonville	56.52 318	P	P	13 11 36.9 +0.7
S31A	baz=56 Mullinville	56.54 308	P	P	13 11 37.1 +0.6
H33A	baz=56 Prehn Over Nor	56.54 317	P	P	13 11 37.1 +0.7
U31A	baz=56, SNR=6.7 Nine Bar Ranch	56.56 307	P	P	13 11 37.2 +0.5
T31A	baz=56 Randall Ranch,	56.58 307	P	P	13 11 37.1 +0.4
L32A	baz=56 Elgin	56.58 313	P	P	13 11 37.2 +0.5
B34A	baz=56 Aery, Baudette	56.62 322	P	P	13 11 38.3 +1.5
E33A	baz=56 Westby DABS, E	56.70 319	P	P	13 11 39.1 +1.7
R31A	baz=57 Burdett	56.73 309	P	P	13 11 38.2 +0.4
K32A	baz=57, SNR=6.0 Verdige	56.75 314	P	P	13 11 38.7 +0.9
430A	baz=57 Baggett Ranch,	56.76 300	P	P	13 11 38.7 +0.5
530A	baz=57 J-C Ranch, Com	56.76 299	P	P	13 11 38.6 +0.4
MEM	comp=Z,20nm,1.9s Membach	56.77 36	P	P	13 11 40.9 +3.0
130A	baz=57 Snyder	56.78 302	P	P	13 11 38.7 +0.4
330A	baz=57 Mertzton	56.79 300	P	P	13 11 38.6 +0.2
Q31A	baz=57, SNR=5.5 Ellis	56.80 310	P	P	13 11 39.5 +1.2
230A	baz=57 Sterling City	56.80 301	P	P	13 11 39.0 +0.6
I32A	baz=57 Karley and Nic	56.82 316	P	P	13 11 39.6 +1.3
D33A	baz=57 Annem, Waubun	56.83 320	P	P	13 11 39.3 +0.9
J32A	baz=57 Parkston	56.88 315	P	P	13 11 39.7 +1.0
P31A	baz=57 Stockton	56.91 310	P	P	13 11 39.7 +0.6
N31A	baz=57 Bailey Ranch,	56.93 312	P	P	13 11 39.8 +0.5
PLCA	comp=Z,39nm,0.8s, baz=57, slow=8.5, SNR=9.5 Paso Flores	56.94 204	P	P	13 11 39.9 +0.7
PLCA	comp=Z,2.1nm,1.1s Paso Flores	56.94 204	eP	pmax	13 11 40.4 +1.2
PLCA	comp=Z,2.1nm,1.1s Paso Flores	56.94 204	eP	pmax	13 11 40.4 +1.2
H32A	baz=57 Carlson Farm,	56.95 316	P	P	13 11 40.4 +1.1
CBKS	baz=57 Cedar Bluff	57.01 309	P	P	13 11 40.4 +0.6
X30A	baz=57 Coker Ranch, T	57.01 304	P	P	13 11 40.0 +0.1
C33A	baz=57, SNR=5.7 Trail	57.02 321	P	P	13 11 40.8 +1.1
Z30A	baz=57 Sanderson Ranc	57.03 303	P	P	13 11 40.3 +0.3
O31A	baz=57 Woolen Ranch,	57.03 311	P	P	13 11 40.5 +0.6
M31A	baz=57 Lambrecht Ranc	57.09 312	P	P	13 11 41.2 +0.9
B33A	baz=57 Robert and Kas	57.11 321	P	P	13 11 41.7 +1.5
TUE	baz=57 Stuetta	57.15 41	PFAKE	LR	13 11 50.0 +9.1
TUE	comp=Z,1.1um,19.0s Black Forest	57.20 39	P	MLR	13 11 36.7 -4.2
BFO	comp=Z,677nm,20.0s Black Forest	57.20 39	P	MLR	13 11 36.7 -4.2
BFO	comp=Z,677nm,20.0s Black Forest	57.20 39	LR	LR	13 11 36.7 -4.2
F32A	baz=57 Veblen	57.20 318	P	P	13 11 41.9 +0.9
L31A	baz=57 Butterfield Fa	57.22 313	P	P	13 11 41.8 +0.6
U30A	baz=57 WK&E Inc. Balk	57.22 307	P	P	13 11 41.8 +0.4
T30A	baz=57 Platt	57.23 307	P	P	13 11 42.0 +0.6
G32A	baz=57 Webster	57.24 317	P	P	13 11 42.0 +0.7
AG3A	baz=57 Warroad	57.25 322	P	P	13 11 42.1 +0.8
AGMN	baz=57 Agassiz Nation	57.28 321	P	P	13 11 42.4 +0.9
AGMN	baz=57 Agassiz Nation	57.28 321	PFAKE	LR	13 11 50.0 +8.5
K31A	comp=Z,798nm,19.0s O'Neill	57.29 314	P	P	13 11 42.2 +0.5
429A	baz=57 Davenport Ranc	57.30 299	P	P	13 11 42.0 0.0
R30A	baz=57 Dighton	57.30 309	P	P	13 11 42.6 +0.7
S30A	baz=57, SNR=6.9 Montezuma	57.30 308	P	P	13 11 42.3 +0.4
CLTB	baz=57, SNR=5.6 Caltabellotta	57.39 52	PFAKE	LR	13 11 50.0 +7.4
CLTB	comp=Z,249nm,20.0s Bryant Ranch,	57.40 301	P	P	13 11 42.9 +0.2
Q30A	baz=57 Quinter	57.41 309	P	P	13 11 43.1 +0.4
Z29A	baz=57, SNR=6.2 Hungry Hill Ra	57.50 303	P	P	13 11 43.9 +0.5
529A	baz=57 Stev Forest Ra	57.52 299	P	P	13 11 44.1 +0.5
129A	baz=57 Stewart Farms,	57.54 302	P	P	13 11 43.9 +0.2
P30A	baz=57, SNR=5.7 Selden	57.57 310	P	P	13 11 44.2 +0.5
O30A	baz=58 MW Ranch, Wils	57.58 311	P	P	13 11 44.5 +0.7
DAVOX	comp=Z,10nm,0.8s, baz=240, slow=7.9, SNR=7.6 Dauvo/Dischmat	57.60 41	P	P	13 11 42.1 -1.9
U29A	baz=58 Oasis Ranch, S	57.70 306	P	P	13 11 45.1 +0.4
B32A	baz=58 Ashes, Strandq	57.74 321	P	P	13 11 45.5 +0.8
AMTX	baz=58 Amarillo	57.74 304	P	P	13 11 45.2 +0.1
AMTX	baz=58 Amarillo	57.74 304	eP	P	13 11 41.7 -3.4
N30A	comp=Z,29nm,1.1s Huetfle Ranch,	57.76 312	P	P	13 11 45.9 +0.7
L30A	baz=58 Spencer Herefo	57.79 313	P	P	13 11 45.8 +0.6
M30A	baz=58 Dale-Ortello V	57.79 313	P	P	13 11 46.0 +0.8
S29A	baz=58 Ulysses	57.81 308	P	P	13 11 45.7 +0.2
T29A	baz=58 Hugoton	57.85 307	P	P	13 11 46.0 +0.2
K30A	baz=58 Basset	57.91 314	P	P	13

26d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H25A, G25A, SDCO, B26A, A26A, F25A, BRG, E25A, PRU, ANMO, D25A, ISCO, G25A, PVCC, B25A, Y22D, TREC, A25A, N23A, S22A, S22A, 121A, DGMT, DGMT, UPC, VRAC, KONO, DPC, DPC, K22A, TIR, MORC, MVCO, PV01, O20A, O20A, O20A, YVHS, NB2, NOA, NOA, W18A, PSZ, HFS, HOPE, PDAR, PDAR, RLMT, SRU, SRU, SRU, CRVS, CRVS, WUAZ, WUAZ, WUAZ, LOHW, H17A, FLWY, EGMT.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EGMT, KOLS, KOLS, KOLS, 214A, SANT, BOZ, DUG, DUG, DUG, TSUM, BGU, LVV, MLR, Y12C, CHMT, GLA, SLMT, HLID, HLID, IRM, SHPR, SWMT, JMTT, R11A, R11A, SWSC, EDM, EDM, TUQ, BELC, IBP, SHOC, TPNV, MFID, HEC, MONP, PFO, PFO, GSC, GSC, GSC, FURC, BBRC, MURC, BFSC, LRM, KIEV, KIEV, AKAS, FINES, FINES, NEW, NEW, NEW, ISP, EDW, EDW, NVAR, CIS, ISA, ISA, ISA, OSI, OSI, YKA, ARVC, MLAC, VES, BLG, SNCC, BSC, SBC, PKM, PKM, ARCES, ARCES, ANTO, ANTO, MOD, MOD, KBS, KBS, CSS, CSS, BRTR.

1280

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRTR, BRTR, J05D, G05D, I05D, O03D, M04C, J04D, B05A, I04A, A04D, N02D, M02C, EIL, SUR, MMIA, G03D, NLWA, NLWA, OBN, OBN, OBN, OBN, ASF, PMSA, PMSA, LPSR, LPSR, LPSR, BOSA, VSR, VSR, VSR, VSR, VSR, VRH, VRH, VRH, DLBC, INK, KIV, KIV, KIV, KIV, KIBZ, KMBO, GNI, GNI, VNA3, VNA2, ILAR, ILAR, COLD, SNA, SNA, SNA, SNA, IGZV, TRF, ARU, ARU, ARU, ARU, IPIR, AKTO, AKTO, NVL, NVL, ABPO, ABPO, BRVK, BRVK, BRVK, BILL, BILL, BILL, MSEC, MSEC, QSPA, QSPA, KURK, KURK, EKS2, EKS2, AAK, AAK, TKM2, TKM2, YAK, YAK.

26d 14h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISC/JB 26 14:01:09.8,0.5,37.85N,0.03:27.33E,0.04,h4km,7km, Error ellipse: s-maj=5.6km s-min=4.7km az=38.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GCAM Gzelcaml?, AYBD Zeytinokoy-Aydi, IZM Izmir, etc.

GUC 26 14:16:46.5,0.3,23.83S,67.17W,h200km,ML3.8,4C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB06 IPOC Station P, PB07 IPOC Station P, etc.

ISC/JB 26 14:21:41.0,0.3,62.86N,0.02:150.88W,0.05, h113km,3km,mb3.8/4, Error ellipse: s-maj=4.0km

ISC 26 14:21:41.3,2.0,62.74N,150.81W,h108km,23km,mb3.3/4, mb1 3.4/8, mb1mx3.2/3.5, mbtmp3.7/8, Error ellipse: s-maj=25.0km s-min=22.4km az=83.0

ISC 26 14:21:42.5,62.85N,150.90W,h101km,MG3.3(AEIC), After AEIC.

ISC 26 14:21:41.8,0.8,62.84N,0.03:150.90W,0.03, h108km,6km,n81,1501/95,mb3.8/4, Central Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CUT Chulitna, PPLA Purkeypile, TRF Thorofare Moun, etc.

2010 NOV

Table with columns: TTA, Station Name, Az, Phase, ID, Time, Res. Includes stations like TTA Tatalina, TT01 Tatalina, SLKM Skaliak Lake, etc.

ISC 26 14:41:40.2,3.6,25S,129.92E,h0km,mb3.4/1, mb1 3.3/3, mb1mx3.2/4.1, mbtmp3.2/3, ML3.2/2, MS3.1/2, Ms1 3.1/2, ms1mx2.7/2.2, Error ellipse: s-maj=149.1km s-min=31.0km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIJI Sorong, BATI Baumata, FITZ Fitzroy Crossi, etc.

ISC/JB 26 14:44:33.1,0.3,4.42S,0.04:153.58E,0.05,h85km, mb4.4/27, Error ellipse: s-maj=6.7km s-min=5.6km az=165.4

AUST 26 14:44:34.7,4.2,20S,153.57E,h100km NEIC 26 14:44:36.0,4.0,4.42S,153.56E,mb4.6/3, Error ellipse: s-maj=9.8km s-min=7.7km az=95.0

ISC 26 14:44:36.0,0.8,4.42S,153.57E,h109km,6km,mb4.1/19, mb1 4.2/21, mb1mx4.1/3.7, mbtmp4.5/2.1, MS3.5/3, Ms1 3.6/3, ms1mx3.0/2.9, Error ellipse: s-maj=14.9km s-min=10.7km az=90.0

DJA 26 14:44:40.7,2.7,5.1,15,3E,1,5,h132km,18km, MS2/17, mb4.7/17, mb5.5/2, MLV5.5/1, Mw(MB)4.9/2

ISC 26 14:44:34.8,0.5,4.40S,0.06:153.57E,0.06,h85km,n81, c159/89,mb4.6/27, New Ireland region

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

1282

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA Warrungarra Arr, ARMA Armidale, H11S3 WAKE ISLAND Hy, etc.

CSEM 26 14:47:19.7,38.75N,29.02W,h6km,ML2.8, After PDA PDA 26 14:47:19.7,0.7,38.75N,29.02W,h6km,2km,MD3.5, ML2.8, Error ellipse: s-maj=5.8km s-min=4.5km az=49.0, Azores Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

26d 15h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like LAN-yu, DUNgji, HsiaoLuchiu, etc.

2019 NOV

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CHIANG Mai, CHANG Mai Arr, CHANG Mai, etc.

1284

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like AKTO, GEYT, ARU, STKA, etc.

1284
15:19:42.4, 1.7, 9.77N: 126.03E, h0km, mb3.6/5,
mb1.3.8/5, mb1mx3.5/37, mbtm3.6/5, Error ellipse:
s-maj=82.8km s-min=20.3km az=61.0
ISCJB 26:15:19.43.2, 1.1, 10.3N:0.1x127.07E:0.08, h35km,
mb3.6/5, Error ellipse: s-maj=15.6km s-min=10.5km
az=22.0
ISC 26:15:19.45.4, 1.4, 10.3N:0.1x127.0E:0.1, h35km, n7,
r133/8, mb3.4/5, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like SCPH, PLP, WRA, ASAR, etc.

BASI	Baing, Sumba	12.36 236	P	Pn	17 39 12.1 +4.4
KNRA	Kunumura	12.39 190	P	Pn	17 39 04.4 -3.6
CTBH	Kitabato-PC H	12.53 327	IP	P	17 39 10.7 +0.6
WBSI	Waikabubak, Su	13.09 241	P	Pn	17 39 17.6 -0.1
BKB	Baikpapan	14.25 278	P	Pn	17 39 36.3 +2.7
KBKI	Kotakaru	14.81 270	P	Pn	17 39 42.6 +1.4
TWSI	Taliwang, Sumb	15.00 249	P	Pn	17 39 43.3 -0.4
MYLDM	Lahad Datu	15.12 304	ePn	Pn	17 39 46.4 +1.0
FITZ	Fitzroy Crossi	15.52 199	P	Pn	17 39 45.0 -5.5
FITZ	Fitzroy Crossi	15.52 199	ePn	LR	17 37 40.8
FITZ	Fitzroy Crossi	15.52 199	ePn	Pn	17 39 45.5 -5.0
PLP	Palo	15.67 338	eS	Sn	17 42 23.4 -1.8
COEN	Coen	15.95 132	P	Pn	17 39 47.5 -5.0
COEN	Coen	15.95 132	ePn	Pn	17 39 53.4 -2.7
COEN	Coen	15.95 132	ePn	Pn	17 39 50.8 -5.3
COEN	Coen	15.95 132	eS	Sn	17 42 31.7 -2.1
BBKI	Banjar Baru	16.13 269	P	Pn	17 40 00.0 +1.5
MTKI	Muara Teweh, K	16.28 278	P	P	17 40 01.8 -1.4
SRBI	Singaraja	16.38 253	P	Pn	17 40 02.6 +1.0
MANU	Manus Island	16.40 86	ePn	Pn	17 39 57.1 -4.9
DNP	Denpasar	16.55 251	P	P	17 40 08.5 +2.3
IGBI	Denpasar	16.65 250	P	Pn	17 40 06.1 +1.0
WRAB	Tennant Creek	16.74 169	eP	Pn	17 40 02.4 -3.8
WRAB	Tennant Creek	16.74 169	Pn	Pn	17 39 59.9 -6.3
WRAB	Tennant Creek	16.74 169	ePn	Pn	17 39 59.3 -7.0
WRAB	Tennant Creek	16.74 169	eS	Sn	17 42 55.2 -1.7
WRA	Warramunga Arr	16.75 169	Pn	Pn	17 39 59.3 -7.1
WRA	Warramunga Arr	16.75 169	eS	Sn	17 43 01.6 -1.0
WRA	Warramunga Arr	16.75 169	eS	Sn	17 43 01.6 -1.0
RCP	Roxas	16.99 331	eP	Pn	17 40 09.9 +0.6
PMG	Port Moresby	17.12 111	P	Pn	17 40 10.4 -0.5
PMG	Port Moresby	17.12 111	ePn	Pn	17 40 10.1 -0.9
PMG	Port Moresby	17.12 111	ePn	Pn	17 40 10.5 -0.5
PMG	Port Moresby	17.12 111	ePn	Pn	17 40 09.1 -1.9
ABJI	Asem Bagus	17.24 255	P	P	17 40 13.3 -0.6
KMMI	Kaliangit	17.34 257	P	Pn	17 40 15.5 +0.5
JAGI	Jajag, Banyuwu	17.49 253	P	Pn	17 40 14.4 -1.3
JAGI	Jajag, Banyuwu	17.49 253	P	Pn	17 40 14.4 -1.3
JAGI	Jajag, Banyuwu	17.49 253	ePn	Pn	17 40 13.6 -2.0
JAGI	Jajag, Banyuwu	17.49 253	eS	Sn	17 43 23.3 -6.6
KKM	Kota Kinabalu	17.50 302	IPn	Pn	17 40 15.0 -0.8
BLJI	Banyuglugur	17.85 255	P	P	17 40 21.3 +0.7
QJ	Mount Isa	18.99 154	P	P	17 40 30.7 -2.5
PBKI	Pangkalan Bun	19.32 272	P	Pn	17 40 40.5 +2.6
TBJI	Tambak Boyo	19.37 259	P	Pn	17 40 38.5 -0.1
MTSU	Mount Surprise	19.60 139	P	P	17 40 40.5 +0.6
PWJI	Pagerwojo	19.64 256	P	P	17 40 39.6 -0.7
SBUM	Sibu	19.65 287	eP	Pn	17 40 43.0 +1.0
STKI	Sintang	19.82 280	P	Pn	17 40 44.0 +0.1
NGJI	Ngawi	19.84 258	P	Pn	17 40 44.2 0.0
UWJI	Ujung Watu	20.20 261	P	Pn	17 40 50.9 +2.5
PCJI	Pacitan	20.28 256	P	P	17 40 48.3 +1.0
AS31	Alice Springs	20.33 172	PFAKE	LR	17 41 00.0 +1.0
ASAR	Alice Springs	20.33 172	P	P	17 40 47.0 -0.8
ASAR	Alice Springs	20.33 172	P	P	17 44 28.3 -6.6
ASAR	Alice Springs	20.33 172	P	P	17 52 48.8 -0.8
ASO1	Alice Springs	20.34 172	eP	Pn	17 40 46.6 -1.2
WOJI	Wonogiri, Jawa	20.45 257	P	P	17 40 51.0 -0.4
MBWA	Marble Bar	20.77 211	P	P	17 40 51.2 -1.3
MBWA	Marble Bar	20.77 211	IPn	P	17 40 49.9 -2.6
MBWA	Marble Bar	20.77 211	eS	S	17 44 35.9 -7.3
UGM	Wanagama	20.86 257	P	P	17 40 53.7 +0.1
UGM	Wanagama	20.86 257	eP	P	17 40 51.7 -1.9
UGM	Wanagama	20.86 257	ePn	PP	17 41 00.1 +0.4
RABL	Rabaul	21.13 93	P	P	17 40 58.8 +2.2
BALP	Baler	21.19 334	eP	P	17 40 57.6 +0.5
Kuching	Kuching	21.25 283	IP	P	17 40 58.8 +1.0
KSM	KSM	21.25 283	eS	S	17 44 55.3 +2.2
WRKA	Warakura	21.66 187	P	P	17 41 00.7 -1.4
GUMO	Guam	21.79 39	P	P	17 41 03.9 +0.3
GUMO	Guam	21.79 39	eP	LR	17 49 41.0
GUMO	Guam	21.79 39	eP	Pmax	17 41 03.8 +0.3
GUMO	Guam	21.79 39	eP	Pmax	17 41 03.8 +0.3
SCZP	Santa Cruz	22.00 330	eP	P	17 41 07.3 +1.6
CAUP	Cauayan	22.16 336	eP	P	17 41 08.1 +0.5
BCPH	Baguio City Da	22.20 333	IP	P	17 41 07.5 -0.6
CTA	Charters Tower	22.27 139	P	P	17 41 08.9 +0.1
CTA	Charters Tower	22.27 139	IP	LR	17 51 09.4
CTAO	Charters Tower	22.27 139	IP	P	17 41 08.7 -0.1
CTAO	Charters Tower	22.27 139	eS	S	17 45 05.5 -7.5
CTAO	Charters Tower	22.27 139	eP	Pmax	17 41 08.7 -0.1
CTAO	Charters Tower	22.27 139	eS	S	17 45 05.5 -7.5
CTAO	Charters Tower	22.27 139	eP	MLR	17 41 08.7 -0.1
CTAO	Charters Tower	22.27 139	eP	MLR	17 41 08.7 -0.1
CVP	Callao Caves	22.85 337	eP	P	17 41 14.3 -0.6
CMJI	Cimerak	22.86 258	P	P	17 41 16.4 +1.4
APYP	Conner	23.23 336	eP	P	17 41 17.8 -0.9
ABRA	Dolores	23.26 334	eP	P	17 41 17.8 -1.7
CISI	Cisompet, Garu	23.44 259	P	P	17 41 18.2 -2.8
CISI	Cisompet, Garu	23.44 259	P	P	17 41 18.3 -2.7
CISI	Cisompet, Garu	23.44 259	eP	P	17 41 17.4 -3.6
CISI	Cisompet, Garu	23.44 259	ePcP	PcP	17 45 06.8 -0.4
CISI	Cisompet, Garu	23.44 259	eS	S	17 45 26.1 -7.4
CISI	Cisompet, Garu	23.44 259	LR	LR	17 41 22.4 +0.4

LEM	Cibinong	24.07 260	P	LR	17 52 34.5
CNJI	Cibinong	24.07 260	P	P	17 41 24.0 -3.0
CBJI	Citekok	24.24 262	P	P	17 41 26.5 -2.1
SKJI	Sukabumi	24.26 261	P	P	17 41 34.9 +3.1
PPBI	Pangkal Pinang	24.86 272	P	P	17 41 35.7 +1.5
GIRL	Giraliung	25.09 219	P	P	17 41 35.2 -0.9
CGJI	Cibinong	25.41 262	P	P	17 41 37.5 -1.6
MEEK	Mesekharrar	25.97 206	P	P	17 41 41.8 -2.3
XMI	Christmas Isla	26.07 253	P	P	17 41 44.7 -0.4
XMIS	Christmas Isla	26.11 253	P	P	17 41 44.5 -1.0
XMIS	Christmas Isla	26.11 253	eP	P	17 41 43.2 -2.3
KLI	Kotabumi	26.11 266	P	P	17 41 49.3 +3.7
PMBI	Potalebang	26.19 270	P	P	17 41 49.4 +3.1
KLSI	Kotabumi	26.23 266	P	P	17 41 47.0 +0.3
QLP	Quiluan	26.20 152	P	P	17 41 46.8 -0.2
KASI	Kota Agung	26.50 264	P	P	17 41 47.1 -2.0
MDSI	Maura Dua	26.78 267	P	P	17 41 51.5 -0.1
TPRI	Tanjung Pinang	26.81 279	P	P	17 41 54.3 +2.4
LWLI	Llwa	26.91 266	P	P	17 41 53.8 +0.9
JMBI	Jambi	27.39 273	P	P	17 42 01.4 +4.3
LHSI	Lahat	27.43 268	P	P	17 41 58.3 +0.9
BTDF	Bukit Timah Da	27.62 279	P	P	17 42 01.2 +2.0
MYKOM	Kota Tinggi	27.63 280	eP	P	17 42 00.8 +1.6
MNAI	Manna	28.00 267	P	P	17 42 02.5 -0.1
MNAI	Manna	28.00 267	PFAKE	LR	17 42 10.0 +7.5
KSI	Kapahiang	28.35 269	P	P	17 42 06.3 +0.5
TPUB	Tapu	28.41 340	eP	P	17 42 03.7 -2.4
TPUB	Tapu	28.41 340	LR	LR	17 42 03.7 -2.4
RMQ	Roma	28.57 145	P	P	17 42 04.7 -2.8
SSLB	Sarangani	28.75 341	eP	P	17 42 07.9 -1.2
SSLB	Sarangani	28.75 341	LR	LR	17 42 07.9 -1.2
YOJ	Yonaguni jima	28.77 345	eP	Pmax	17 42 09.2 -0.1
YOJ	Yonaguni jima	28.77 345	eP	Pmax	17 42 09.2 -0.1
YOJ	Yonaguni jima	28.77 345	MLR	MLR	17 42 09.2 -0.1
YOJ	Yonaguni jima	28.77 345	LR	LR	17 42 09.2 -0.1
NACB	Ninganchiao	28.91 342	eP	P	17 42 09.1 -1.4
KMBL	Kambalda	29.11 196	P	P	17 42 10.6 -1.6
EIDS	Eidsvold	29.15 140	P	P	17 42 12.6 0.0
EIDS	Eidsvold	29.15 140	eP	LR	17 42 08.4 -4.3
MORW	Morawa	29.21 208	P	P	17 42 12.1 -1.0
HNR	Honiar	29.36 103	P	P	17 42 14.0 -0.6
YHNB	Yeheng	29.44 342	eP	P	17 42 13.5 -1.8
YHNB	Yeheng	29.44 342	LR	LR	17 42 13.5 -1.8
BBOO	Buckleboo	29.63 171	P	P	17 42 16.3 -0.5
BBOO	Buckleboo	29.63 171	eP	P	17 42 16.1 -0.7
SDSI	Sungai Dareh	29.65 274	P	P	17 42 19.5 +2.3
TATO	Taipei	29.69 342	eP	P	17 42 16.6 -0.8
TATO	Taipei	29.69 342	LR	LR	17 42 16.6 -0.8
STKA	Stephens Creek	30.02 162	P	P	17 42 20.3 0.0
STKA	Stephens Creek	30.02 162	LR	LR	17 57 34.3
STKA	Stephens Creek	30.02 162	Pmax	Pmax	17 42 19.1 -1.1
STKA	Stephens Creek	30.02 162	P	P	17 42 20.0 -0.3
STKA	Stephens Creek	30.02 162	eP	P	17 42 19.1 -1.1
BKNI	Bangkalan	30.17 276	P	P	17 42 22.8 +0.9
BKNI	Bangkalan	30.17 276	P	P	17 42 23.3 +1.4
BKNI	Bangkalan	30.17 276	IP	P	17 42 22.4 +0.5
JOW	Kunigami	30.18 355	eP	P	17 42 23.0 +1.3
JOW	Kunigami	30.18 355	LR	LR	17 42 23.0 +1.3
BLDU	Ballidu	30.24 205	P	P	17 42 20.9 -1.4
HKC	Hong Kong Obse	30.39 328	IP	P	17 42 22.0 -1.6
QIZ	Qiongzong	30.51 318	P	P	17 42 23.5 -1.2
QIZ	Qiongzong	30.51 318	S	S	17 47 27.8 +2.6
QIZ	Qiongzong	30.51 318	PcS	PcS	17 49 04.8 -2.9
QIZ	Qiongzong	30.51 318	PMZ	PMZ	17 49 04.8 -2.9
QIZ	Qiongzong	30.51 318	PMZ	PMZ	17 49 04.8 -2.9
QIZ	Qiongzong	30.51 318	LN	LN	17 42 23.9 -0.8
QIZ	Qiongzong	30.51 318	LZ	LZ	17 42 23.9 -0.8
QIZ	Qiongzong	30.51 318	P	P	17 42 23.9 -0.8
QIZ	Qiongzong	30.51 318	LR	LR	17 42 23.9 -0.8
PDSI	Padang	30.61 274	P	P	17 42 26.9 +1.1
OZH	Quanzhou	30.66 338	IP	S	17 42 27.0 +1.1
OZH	Quanzhou	30.66 338	IP	S	17 47 26.3 -1.0
OZH	Quanzhou	30.66 338	PMZ	PMZ	17 42 27.0 +1.1
OZH	Quanzhou	30.66 338	LN	LN	17 42 27.0 +1.1
OZH	Quanzhou	30.66 338	LE	LE	17 42 27.0 +1.1
OZH	Quanzhou	30.66 338	LZ	LZ	17 42 27.0 +1.1
QLBR	Kellerberrin	30.68 203	P	P	17 42 25.6 -0.5
PPI	Padang Panjang	30.72 275	P	P	17 42 27.1 +0.4
PPI	Padang Panjang	30.72 275	P	P	17 42 27.2 +0.5
IPM	Iloilo	30.96 284	eP	P	17 42 29.0 +0.2
IPM	Iloilo	30.96 284	ePcP	PcP	17 45 26.1 +1.0
IPM	Iloilo	30.96 284	eS	S	17 49 06.5 -0.4
CMSA	Cobar Meteorol	31.21 155	P	P	17 42 31.1 +0.3
UBPT	Khong Chiam	31.37 307	P	P	17 42 35.3 +3.0
GZH	Guangzhou	31.47 328	P	P	17 42 33.5 +0.3
GZH	Guangzhou	31.47 328	P	P	17 42 43.3 +3.8

GZH	Guangzhou	31.47 328	S	S	17 47 43.3 +3.1
GZH	Guangzhou	31.47 328	LN	LN	17 47 43.3 +3.1
GZH	Guangzhou	31.47 328	LE	LE	17 47 43.3 +3.1
KULM	Kulim	31.53 286	IP	P	17 42 34.2 +0.4
SISI	Saibi	31.95 273	P	P	17 42 37.2 -0.3
NWAO	Narogin (SRO)	32.07 202	P	P	17 42 37.1 -1.3
NWAO	Narogin (SRO)	32.07 202	eP	P	17 42 37.0 -1.3
NWAO	Narogin (SRO)	32.07 202	P	P	17 42 37.5 -0.9
NWAO	Narogin (SRO)	32.07 202	eP	P	17 42 37.0 -1.4
CBJI	Chichi jima	32.20 19	eP	P	17 42 35.5 -4.0

26d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSHUK Heuksando, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TAU Tasmania Unive, TAU Tasmania Unive, TAU Tasmania Unive, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, etc.

26d 18h

Table with 5 columns: SAML, PTGA, Samuel, Pitinga, 161.27 131 ePKPdf, 168.29 110 PKP, 17.56 12.7 -0.3, 17.56 18.9 -0.2

NEIC 26 17:50:26.9;0.4, 3.65S; 131.11E, h10km, mb4.3/1, Error ellipse: s-maj=9.6km s-min=6.5km az=100.0

IDC 26 17:50:26.9;1.1, 3.32S; 131.17E, h0km, mb3.9/8, mb1 4.0/10, mb1mx3.8/40, mbtmp4.0/10, ML3.7/2, Error ellipse: s-maj=43.5km s-min=16.9km az=81.0

ISCJBJ 26 17:50:27.0;0.6, 3.46S; 0.04x131.2E;0.1, h24km, mb3.9/8, Error ellipse: s-maj=14.4km s-min=5.8km az=16.0

DJA 26 17:50:32.5;1.1, 3.56S; 131.1E, h24km, M4.1/9, MLv4.1/9

ISC 26 17:50:28.1;0.7, 3.57S; 0.05;131.33E;0.05, h24km, n26, c1644/24, mb4.1/8, Irian Jaya region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

DDA 26 17:58:56.4, 37.87N;27.32E, h7km, Md2.6

ISK 26 17:58:56.5, 37.91N;27.39E, h5km, MD2.7

CSEM 26 17:58:57.1;0.2, 37.88N;27.36E, h2km, MD2.6, Error ellipse: s-maj=6.6km s-min=4.7km az=90.0

ISC 26 17:58:56.5;1.0, 37.87N;0.02;27.33E;0.03, h8km, n26, c0953/35, Turkey

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 26 18:01:19.5;1.8, 41.02N;75.02E, h0km, mb3.3/1, mb1 3.3/3, mb1mx3.1/46, mbtmp3.3/3, ML2.7/2, Error ellipse: s-maj=24.0km s-min=16.6km az=85.0

KRNET 26 18:01:21.0;0.1, 41.28N;75.69E, h10km, mb3.4

NNC 26 18:01:24.6;2.5, 41.42N;75.69E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=19.5km s-min=12.1km az=166.0

ISC 26 18:01:19.7;1.5, 41.21N;75.57E;0.03, h5km, 10km, n31, c143/43, 30C-18D, Kyrgyzstan

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with 10 columns: AML, TKM2, TKM2, TKM2, FRU, FRU, CHMS, CHMS, ARSB, ARSB, EKS2, EKS2, USAP, USAP, KNDP, KNDP, PRZ, PRZ, MNAS, MNAS, MNAS, MNAS, ARK, ARK, PDGK, PDGK, PDGK, PDGK, KK31, KK31, DZET, DZET, DZET, DZET, MKAR, MKAR, KURB, KURB, BVAR, BVAR, ZALV, ZALV, TORD, TORD

ISCJBJ 26 18:06:36.7;0.6, 0.56N;0.09x123.59E;0.07, h264km, mb3.0/4, Error ellipse: s-maj=11.9km s-min=9.1km

IDC 26 18:06:39.6;6.6, 0.54N; 123.56E, h271km, mb2.8/4, mb1 3.1/6, mb1mx2.8/47, mbtmp3.6/6, Error ellipse: s-maj=90.5km s-min=18.0km az=63.0

DJA 26 18:06:40.7;1.2, 0.7N;8.12E, h216km, 13km, M3.4/6, MLv3.4/6

ISC 26 18:06:38.1;0.9, 0.54N;0.09x123.58E;0.09, h264km, n13, c1889/15, mb3.1/4, Minahassa Peninsula, Sulawesi

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJBJ 26 18:11:54.9;0.3, 5.77S;0.04x125.39E;0.06, h550km, mb3.5/7, Error ellipse: s-maj=8.0km s-min=5.8km

DJA 26 18:11:54.8;0.5, 6.54S; 12.5E, h579km, 11km, M4.5/18, mb4.5/12, mb4.8/5, MLv4.7/18, Mw(MB)4.1/5

IDC 26 18:11:55.0;0.8, 5.84S; 125.24E, h571km, 11km, mb3.0/6, mb1 3.5/12, mb1mx3.1/51, mbtmp4.3/12, Error ellipse: s-maj=21.4km s-min=9.7km az=67.0

ISC 26 18:11:54.4;0.7, 5.78S;0.07x125.4E;0.1, h550km, n33, c1970/35, mb3.4/7, Banda Sea

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 10 columns: TWSI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, CTCTA, CTCTA, STKA, STKA, CMAR, CMAR, KSRP, KSRP, MKAR, MKAR, VNDA, VNDA, ILAR, ILAR, TORD, TORD

IDC 26 18:16:04.9;1.0, 2.78N;52.50E, h0km, mb3.9/15, mb1 4.0/20, mb1mx3.8/60, mbtmp3.9/20, ML3.4/5, MS4.9/1, Ms1 4.8/1, ms1mx3.5/47, Error ellipse: s-maj=22.7km s-min=15.2km az=171.0

ISCJBJ 26 18:16:06.6;0.4, 28.00N;0.04x52.35E;0.03, h15km, mb4.2/34, MS4.6/2, Error ellipse: s-maj=5.7km s-min=4.3km az=172.8

Bull 26 18:16:08.7;28.99N;52.08E, h6km, mb4.3/11, mb4.8/2, Ms4.4/3, Ms7.4/3

MOS 26 18:16:09.1;1.8, 27.92N;52.34E, h33km, mb4.5/15, Error ellipse: s-maj=9.9km s-min=6.4km az=104.3

THR 26 18:16:09.0;0.3, 28.30N;52.67E, h17km, 13km, ML3.6

CSEM 26 18:16:09.0;0.3, 28.05N;52.67E, h20km, mb4.3/13, Error ellipse: s-maj=9.6km s-min=6.1km az=169.0

NEIC 26 18:16:12.4, 28.21N;52.30E, h28km, mb4.1/15, MN4.0(T/H), After TEH

ISC 26 18:16:08.1;0.5, 28.08N;0.05x52.40E;0.03, h15km, n195, c1948/177, mb4.2/33, 12C-4D, Southern Iran

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJBJ 26 18:16:06.3;0.6, 0.56N;0.09x123.59E;0.07, h264km, mb3.0/4, Error ellipse: s-maj=11.9km s-min=9.1km

IDC 26 18:06:39.6;6.6, 0.54N; 123.56E, h271km, mb2.8/4, mb1 3.1/6, mb1mx2.8/47, mbtmp3.6/6, Error ellipse: s-maj=90.5km s-min=18.0km az=63.0

DJA 26 18:06:40.7;1.2, 0.7N;8.12E, h216km, 13km, M3.4/6, MLv3.4/6

ISC 26 18:06:38.1;0.9, 0.54N;0.09x123.58E;0.09, h264km, n13, c1889/15, mb3.1/4, Minahassa Peninsula, Sulawesi

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns for station name, frequency, and other details. Includes stations like Zefreh, Cheshme madani, Kolahrood, etc.

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Table with columns for station name, frequency, and other details. Includes stations like Kiev, MAKZ, MK01, etc.

26d 18h

Table with columns for station name, frequency, and other details. Includes stations like FAKI, MSAL, SIJI, etc.

WEL 26 18:21.31.0.7, 46°08'S-166°06'E, h12km, ML3.5/8, 1D, Error ellipse: s-maj=5.8km s-min=3.3km az=90.0, Off west coast of South Island

Table with columns for station name, frequency, and other details. Includes stations like PUY, DEEP, WETHER, etc.

ISCJB 26 18:24.20.2.0, 4.7:84S:0.03:27.00E:0.05, h10km, mb3.9/6, Error ellipse: s-maj=6.4km s-min=4.1km az=179.5

IDC 26 18:24.21.2.0.9, 17:59S:27:12E, h0km, mb4.0/5, mb1.4/2.11, mb1mx3.9/39, mbtmP4

NEIC 26 18:24.21.0.5, 17:68S:27:18E, h10km, mb4.3/3, ML3.9(PRE), Error ellipse: s-maj=10.2km s-min=6.1km az=103.0

PRE 26 18:24.21.0.9, 17:99S:27:08E, h5km, ML4.0, ISC 26 18:24.20.9.0, 6.17:45S:0.04:27.08E:0.06, h10km, n46, c214/64, mb3.9/6, Zimbabwe

Table with columns for station name, frequency, and other details. Includes stations like ITZ, LSZ, BLWY, etc.

IDC 26 18:17:36.0.1.3, 3:46S: 130:80E, h0km, mb3.8/3, mb1.3/9.6, mb1mx3.5/39, mbtmP3.7/6, ML3.5/3, Error ellipse: s-maj=65.9km s-min=20.4km az=81.0, ISCJB 26 18:17:38.2.0.6, 3:54S:0.06:131:00E:0.06, h30km, mb3.8/2, Error ellipse: s-maj=9.2km s-min=8.2km az=161.0, DJA 26 18:17:41.5.1.3, 3:10S:13:13E, h21km, 16km, M3.9/7, mb4.0/1, ML3.9/7, ISC 26 18:17:38.9.0.8, 3:42S:0.06:130:86E:0.07, h30km, n14, c1558/12, Seram

26d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gariep Dam, Kokstad, Komaggas, Somers East, etc.

IDC 26 18:28:29.8:1.4, 0.59N, 125.04E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/29, mbtmp3.5/4, ML3.5/1, MS4.0/1, Ms1 4.0/1, ms1mx3.3/21, Error ellipse: s-maj=5.66km s-min=16.5km az=63.0, Northern Molucca Sea

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

WEL 26 18:31:31.4:0.3, 38.73S x 175.31E, h211km, 2km, ML3.6/0, 9C-5D, Error ellipse: s-maj=2.3km s-min=1.9km az=90.9, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Taureua, Huiwai, Pokaka, Wanganui, etc.

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Table with columns: TUWZ, QRZ, BSWZ, THZ, KHU, DSZ, OXZ, MQZ, ODZ. Includes station names like Quartz Range, Blackbirch Sta, Tophouse, etc.

NNC 26 18:32:27.9:6.8, 37.11N x 171.32E, h0km, mb4.0, mpv3.6, 5C-2D, Error ellipse: s-maj=63.7km s-min=33.4km az=177.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dzerherino, Dzerherino, MNAS, KK31, etc.

IDC 26 18:40:51.9:1.5, 3.33S, 130.97E, h0km, mb3.3/2, mb1 3.4/5, mb1mx3.3/27, mbtmp3.5/5, ML3.1/3, Error ellipse: s-maj=66.1km s-min=20.1km az=88.0, Seram

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

IDC 26 18:47:47.6:8.0, 6.64S, 149.37E, h56km, 62km, mb3.3/2, mb1 3.7/4, mb1mx3.3/26, mbtmp3.7/4, ML3.9/1, Error ellipse: s-maj=95.5km s-min=51.2km az=128.0, New Britain region

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

IDC 26 18:54:44.5:2.1, 5.30N, 127.41E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/37, mbtmp3.5/3, MS3.7/1, Ms1 3.7/1, s-m1mx2.9/28, Error ellipse: s-maj=177.3km s-min=95.2km az=64.0, Philippine Islands region

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

IDC 26 18:54:48.9:7.7, 6.60S, 149.45E, h46km, 60km, mb3.2/2, mb1 3.6/4, mb1mx3.2/35, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=96.4km s-min=54.5km az=128.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR, FITZ, etc.

IDC 26 18:58:49.1:1.6, 3.41S, 130.89E, h0km, mb3.5/2, mb1 3.7/5, mb1mx3.5/33, mbtmp3.5/5, ML3.3/3, MS3.7/1, Ms1 3.7/1, ms1mx2.9/30, Error ellipse: s-maj=69.1km s-min=22.9km az=62.0

ISCJB 26 18:58:51.3:0.7, 3.41S, 0.05 x 131.00E, h30km, mb3.6/1, MS3.6/1, Error ellipse: s-maj=8.8km s-min=6.9km az=179.6

DJA 26 18:58:53.9:1.2, 3.41S, 131.13E, h19km, 16km, M3.5/11, MLV3.5/11

ISC 26 18:58:52.8:0.9, 3.35S, 0.06 x 131.04E, h0.05, h30km, n13, c1949/14, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fak Fak, BNDI, MSAI, etc.

IDC 26 19:01:24.4:0.3, 3.34S, 131.26E, h0km, mb4.0/6, mb1 4.2/9, mb1mx3.9/33, mbtmp4.1/9, ML3.8/3, Error ellipse: s-maj=32.7km s-min=16.1km az=75.0

ISCJB 26 19:01:27.1:0.3, 3.44S, 0.03 x 131.04E, h30km, mb3.9/7, Error ellipse: s-maj=5.5km s-min=4.5km az=7.4, NEIC 26 19:01:27.1:2.5, 3.51S, 131.19E, h17km, 18km, mb4.0/3, Error ellipse: s-maj=15.5km s-min=13.5km az=78.0

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mb4.5/4, MLV3.9/12, MLV3.9/14, ISC 26 19:01:28.8:0.5, 3.38S, 0.05 x 131.11E, h0.04, h30km, n48, c1971/49, mb4.0/7, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fak Fak, BNDI, MSAI, etc.

IDC 26 19:13:23.0:4.0, 5.30S, 150.55E, h0km, mb2.8/2, mb1 3.1/3, mb1mx3.0/33, mbtmp3.0/3, ML1.2/1, Error ellipse: s-maj=190.6km s-min=36.8km az=119.0, New Britain region

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

26d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, UTHA Umpang Tak, APST Maesarieng, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NRYN Naryn, ARSL Arslanbob, AML Almayashu, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Waramung, QIS Qizilirmak, WRKA Warakurna, etc.

KRNET 26 19:27:48.0, 1.0, 40.96N:74.88E, h11km, mb2.6

ISC 26 19:27:51.6, 1.2, 41.05N:0.03:74.91E, 0.03, h5km, 12km, n29, r16:148, 27C:8D, Kryrgyzstan

ISK 26 19:40:38.3, 39'18N:29'02E, h30km, MD2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DEMI Demirci, TVSB Tavsanli, KULA Kula-Manisa, etc.

NSSC 26 19:46:03.6, 1.3, 37.00N:31.74E, h0km, 127km, ML2.6

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

ISC 26 19:46:07.4, 1.2, 35.98N:0.03:31.08E, 0.02, h29km, 11km, n133, r170/170, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKND Akdeniz-K-br, AKND Akdeniz-K-br, LEF Lefka, etc.

IDC 26 19:32:15.7, 1.0, 3'31'S: 131'24'E, h0km, mb3.8/6

AUST 26 19:32:16.9, 3'48'S: 131'01'E, h20km

ISCJB 26 19:32:18.2, 0.4, 3'45'S: 131'04'E, 0.05, h30km

ISC 26 19:32:19.5, 0.6, 3'38'S: 131'10'E, 0.04, h30km, n33, r151/132, mb3.8/5, Indian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, BNDI Bandanaira, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like KERK, SUL, KIZT, CHBY, BDRM, etc.

SJA 26 19:50:56.7,0.9,33.29S,-71.34W,h33km,MD3.7,1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ROC1, AUSP, LEONC, etc.

JMA 26 19:53:31.8,0.2,24.17N,-121.74E,h19km,2km,M2.9

TAP 26 19:53:32.4,24.22N,-121.79E,h13km,ML3.7,B

ISC 26 19:53:32.4,0.8,24.20N,-121.82E,0.02,h13km,5km,n66,c088/103,9C-SD,Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like EHP, TWD, ENA, HWA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WHF, ES, TWE, TWT, ILA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like STYT, CHY, WTP, etc.

JJKM Ikemajima 3.21 76 S Sn 19 53 05.1+2.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like FAKI, BNDI, MSJI, etc.

BUI 26 20:04:23.8,3.66S,-131.35E,h22km,mb4.5/20,mb5.0/12,Ms4.5/8,Ms7.4/1/8

ICD 26 20:04:24.0,0.6,3.28S,-131.32E,h0km,mb4.2/15,mb1.4/4/18,mb1mx4.2/44,mb2mp4.3/18,ML4.0/3,MS3.7/4,Ms1.3/7.4,ms1mx3.2/43,Error ellipse: s-maj=25.4km s-min=12.6km az=74.0

NEIC 26 20:04:25.0,0.3,3.44S,-131.14E,h10km,mb4.4/18,Error ellipse: s-maj=9.1km s-min=6.2km az=57.0

ISCJB 26 20:04:26.0,0.2,3.45S,-131.19E,0.03,h30km,mb4.4/25,MS3.8/3,Error ellipse: s-maj=4.7km s-min=3.6km az=158.3

DJA 26 20:04:29.1,0.2,3.3S,-131.1E,h10km,M4.5/18,mb4.7/18,mb5.0/8,MLv4.5/14,Mw(MB)4.3/8

AUST 26 20:04:33.4,3.98S,-131.02E,h60km

ISC 26 20:04:28.8,0.4,3.44S,-131.24E,0.04,h30km,n125,c157/117,mb4.5/25,MS3.6/3,1C,Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like FAKI, BNDI, MSJI, etc.

Table with columns: WRAB, Tennant Creek, 16.67 170 ePn, Pn, 20 08 14.9 -5.4, etc. Includes stations like Warramunga Arr, Kota Kinabalu, Mount Isa, etc.

Table with columns: CPUP, Villa Florida, 149.26 165 PKPbc, PKPbc, 20 24 16.1 +0.8, etc. Includes stations like Villa Florida, La Paz, and various codes and station names.

Table with columns: KDU, Kakadu, 9.29 172 P, Pn, 20 11 35.8 +0.4, etc. Includes stations like Kakadu, MTN, JAY, APSI, MRSI, BATI, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MLZ, CAW, KIW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MSAI, BNDI, NLAJ, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MTSU, ASAR, ASAR, ASPA, etc.

ISCJB 26:22:12.04.1.0.6, 16:23N.0:07.95:83W.0:04, h10km, mb4.2/22, MS3.5/1, Error ellipse: s-maj=10.0km

ICD 26:22:12.04.9.1.1, 16:29N.95:86W, h0km, mb3.9/9, mb1.4.1/10, mb1mx3.8/37, mbtmp3.8/10, ML3.0/1, MS3.5/1, Ms1.3.5/1, ms1mx3.0/22, Error ellipse: s-maj=23.8km

NEIC 26:22:12.06.5.2.8, 16:22N.95:83W, h16km, 18km, mb4.1/20, Error ellipse: s-maj=10.0km s-min=5.2km az=220.0

ISC 26:22:12.05.8.0.7, 16:19N.0:08.95:87W.0:05, h10km, R42, s=998/45, mb4.1/22, Oaxaca

Error ellipse: s-maj=5.3km s-min=3.6km az=224.0, DJA 26:22:12.28.5.0.1, 2.2'S.2:12.9'E., h10km, M5.0/65, mb5.5/38, mb5.1/65, MLV5.2/18, Mw(mb)4.9/38

AUST 26:22:12.30.6.0.6, 2.86S:129.34E, h50km, 7km, Error ellipse: s-maj=6.6km s-min=5.3km az=36.0

ISC 26:22:12.28.4.0.3, 2.65S:0:03.129:30E.0:04, h30km, 1km, h30km: p-P, n-348, s-1955/372, mb5.0/92, MS4.3/27, 7C-6D, Seram

Code Station Name Az AzZ Phase ID Time Res h m s ISC

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MSAI, BNDI, NLAJ, SWI, SWI, SUJI, etc.

MTSU Mount Surprise 21.20 137 P P 22 17 12.8 0.0

ASAR Alice Springs 21.36 168 P P 22 17 12.4 -1.1

ASAR comp=Z,72m,0.5s,baz=348,slow=10,SNR=36.5

ASPA Alice Springs 21.36 168 P P 22 17 12.8 -0.7

AS01 Alice Springs 21.37 168 eP P 22 17 11.1 -2.5

AS01 comp=Z,35m,1.0s,baz=347,slow=10,SNR=19

CISI Ciscompt, Garu 21.94 256 eP P 22 17 13.0 -0.5

LEM Lembang 22.00 258 LR LR 22 26 50.4

CIBNOG CIBNOG 22.56 257 P P 22 17 13.0 -0.5

WRKA Warukana 22.28 182 P P 22 17 21.5 -1.8

CUNJ CUNJ 22.34 43 LR LR 22 27 13.9

GMIJ GMIJ 22.34 43 LR LR 22 27 13.9

PPBI Pangkal Pinang 23.15 271 P P 22 17 34.7 +2.1

CTA Charters Towers 23.97 138 P P 22 17 41.5 +1.1

CTAO Charters Towers 23.97 138 eP P 22 17 40.8 +0.4

CTAO comp=Z,58m,1.0s

CTAO Charters Towers 23.97 138 eP P 22 17 40.8 +0.4

KLSI KLSI 24.60 265 P P 22 17 52.5 +6.2

MDSI MDSI 24.15 265 P P 22 17 51.8 +0.6

LHSI LHSI 25.76 267 P P 22 17 59.3 +2.5

MYKOM Kota Tinggi 25.82 280 eP P 22 17 58.9 +1.6

MEEK Meekatharra 25.96 270 P P 22 17 56.7 -1.8

QLP Quilpie 27.18 150 P P 22 18 14.0 -0.9

QIZ QIZ 28.82 319 P P 22 18 24.5 +0.3

QIZ QIZ 28.82 319 pP P 22 18 33.9 +0.3

QIZ QIZ 28.82 319 sS S 22 23 18.8 +1.4

QIZ QIZ 28.82 319 sS S 22 23 23.0 +2.1

QIZ comp=Z,210m,4.4s

QIZ comp=Z,500m,17.2s

PDSI Padang 28.87 273 P P 22 18 25.8 +1.0

PPI Padang Panjang 28.97 274 P P 22 18 27.7 +2.0

PPI comp=Z,22m,0.8s,comp=Z,1um

PPI Padang Panjang 28.97 274 P P 22 18 26.1 +0.4

IPM Ipoh 29.12 284 eP P 22 18 27.3 +0.8

KMBL Kambalad 29.41 193 P P 22 18 27.7 -1.6

KULM KULM 29.68 285 eP P 22 18 31.6 -0.4

MNSI Mandailing Nat 29.91 276 P P 22 18 35.3 +1.3

SISI SISI 30.22 272 P P 22 18 44.2 +7.5

BBOO Buckleboe 30.66 169 P P 22 18 39.3 -1.1

BBOO Buckleboe 30.66 169 eP P 22 18 39.7 -0.7

KLBR Kelibrin 30.77 190 P P 22 18 39.1 -2.3

PSI Prapat 30.84 280 eP P 22 18 41.7 -0.7

PSI comp=Z,33m,1.0s

PSI Prapat 30.84 280 P P 22 18 41.6 -0.8

PSI Prapat 30.84 280 eP P 22 18 41.7 -0.7

HNR Honiara 31.19 104 LR LR 22 33 31.0

STKA Stephens Creek 31.29 160 P P 22 18 45.4 -0.6

STKA comp=Z,18m,0.9s,baz=332,slow=8.6,SNR=16

STKA Stephens Creek 31.29 160 LR LR 22 32 52.9

STKA Stephens Creek 31.29 160 eP P 22 18 47.7 +0.7

STKA Stephens Creek 31.29 160 eP P 22 18 46.7 +0.7

TRTT Trang 31.32 290 P P 22 18 47.6 +1.2

GSI Gunungsitoli 31.96 277 P P 22 18 52.3 +0.2

GSI Gunungsitoli 31.96 277 eP P 22 18 51.2 -0.9

KCSI Kotacane, Aceh 32.10 281 P P 22 18 54.4 +1.0

NWAO Narrogin (SRO) 32.17 199 P P 22 18 51.0 -2.7

NWAO comp=Z,1.1m,0.7s,baz=274,slow=0.7,SNR=6.4

NWAO Narrogin (SRO) 32.17 199 pP P 22 18 53.6 -0.1

NWAO comp=Z,37m,1.2s

NWAO Narrogin (SRO) 32.17 199 eP P 22 18 53.6 -0.1

CMSA Cobar Meteorol 32.63 153 P P 22 18 57.0 0.0

TPTI comp=Z,17m,1.4s

LOEI 34.14 307 P P 22 19 18.7 +7.6

JNU Nakatsue 35.61 2 P P 22 19 23.0 -0.6

JNU comp=Z,8.0m,0.9s,baz=296,slow=7.2,SNR=3.6

ARPU Arpu 35.87 165 LR LR 22 33 26.7

JNS Mount Arapiles 35.87 163 P P 22 19 26.3 +0.6

NJ2 Nanjing 35.91 345 eP P 22 19 26.0 -0.1

NJ2 comp=Z,3.0m,0.7s

YNG Young 36.17 153 P P 22 19 27.1 -1.3

GYA Guiyang 36.28 324 iP P 22 19 29.0 -0.5

GYA comp=Z,16m,1.0s

GYA Guiyang 36.28 324 pP P 22 19 40.3 +1.9

GYA Guiyang 36.28 324 pP P 22 20 55.5 +3.1

GYA Guiyang 36.28 324 pP P 22 21 55.5 +1.2

GYA Guiyang 36.28 324 sS S 22 25 10.8 +2.3

GYA Guiyang 36.28 324 sS S 22 25 25.0 +1.9

GYA comp=Z,20m,0.8s

GYA comp=Z,130m,4.5s

GYA comp=Z,320m,14.4s

GYA comp=Z,390m,13.4s

GYA comp=Z,230m,12.2s

CRAI Chiang Mai 36.37 310 P P 22 19 34.1 +3.9

CM01 Chiang Mai Arr 36.48 306 eP P 22 19 30.8 -0.4

CM01 comp=Z,11m,0.8s,comp=Z,7um

CMAR Chiang Mai Arr 36.51 306 eP P 22 19 36.5 -1.7

CMAR comp=Z,2.1m,1.0s,baz=135,slow=6.2,SNR=16

CMAR Chiang Mai Arr 36.51 306 eP P 22 19 36.5 -1.7

CMAR Chiang Mai Arr 36.51 306 eP P 22 19 32.7 +1.2

CMAR comp=Z,2.0m,1.0s

CMMT Chiang Mai 36.70 307 P P 22 19 34.7 +1.6

CHTO Chiang Mai 36.70 307 P P 22 19 34.7 +1.6

CHTO Chiang Mai 36.70 307 eP P 22 19 32.8 -0.3

CHTO comp=Z,16m,1.0s

CHTO Chiang Mai 36.70 307 eP P 22 19 32.8 -0.3

MHTM Maesiang 37.19 305 P P 22 19 39.5 +2.3

CMAI Chiengmai2 37.23 308 P P 22 19 38.9 +1.2

CMAI comp=Z,6.6m,1.7s

CAN Canberra 37.30 153 eP P 22 19 39.1 +1.1

CAN comp=Z,43m,1.3s

CAN Canberra 37.30 153 eP P 22 19 39.1 +1.1

CAN Canberra 37.30 153 eP P 22 19 39.1 +1.1

CAN comp=Z,43m,1.3s

CAN Canberra 37.30 153 eP P 22 19 39.1 +1.1

BUI 26:22:12.20.9.3.30S:129:52E, h29km, mb4.7/53, mb5.1/45, MS4.7/44, MS7

ICD 26:22:12.23.7.0.4, 2.79S:129:18E, h0km, mb4.6/26, mb1.4.7/29, mb1mx4.6/42, mbtmp4.6/29, ML4.4/2, MS4.3/27, Ms1.4.3/27, ms1mx4.2/38, Error ellipse: s-maj=16.9km

ISCJB 26:22:12.26.3.0.8, 2.65S:0:03.129:28E.0:02, h27km, 5km, mb5.0/93, MS4.3/27, Error ellipse: s-maj=4.5km

MOS 26:22:12.27.5.1.1, 2.63S:129:24E, h33km, mb5.3/30, MS4.4/5, Error ellipse: s-maj=12.0km s-min=6.1km

GCMT 26:22:12.28.6.0.2, 2.62S:129:18E, h15km, Mw5.1/14, Moment Tensor Solution, s61.c86: s114.c181

Duration: 0 Moment tensor: Scale 10^16Nm; Mw:5.52+-1.6; Mw-4.91+-1.1; Mw-0.61+-1.1; Mw-0.49+-3.0; Mw-1.04+-0.7; Mw-0.36+-3.7; Best double couple: Ms:6.2220000+19e7; NP1:286.00000+; 647.00000+; 183.00000+; N: 0.0860; phi:116.00000+; 644.00000+; 98.00000+; Principal axes: T: 5.5780, Plg84.00000+, Azm129.00000+; N: 0.0860, Plg5.00000+, Azm291.00000+; P: -5.6660, Plg2.00000+, Azm21.00000+; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s.

NEIC 26:22:12.28.6.1.3, 2.62S:129:26E, h28km, 9km, mb5.1/55

1305

LPM	Los Pinos Moun	20.45	334	eP	P	22 18 23.6	+0.3
GOGA	Godfrey	20.48	31	eP	Pn	22 18 24.7	-0.8
T35A	Sooner Cattle	20.64	359	P	P	22 18 25.1	0.0
U30A	WK&E Inc. Balk	20.68	349	P	P	22 18 26.2	+0.6
LAZ	Ladron	20.75	333	eP	P	22 18 27.4	+0.9
T34A	McClaskey Farm	20.77	357	P	P	22 18 26.9	+0.5
T36A	Boggs Farm, Ca	20.77	0	P	P	22 18 26.7	+0.2
T37A	Cheneyville 18	20.86	2	P	P	22 18 27.5	+0.1
SWET	Sewanee	20.93	23	eP	P	22 18 26.0	-2.2
ANMO	Albuquerque	20.93	335	P	P	22 18 27.0	-1.4
PBMO	Poplar Bluff	21.06	12	eP	P	22 18 30.6	+1.1
T32A	Huddler Ranch,	21.07	353	P	P	22 18 29.7	0.0
T31A	Randall Ranch,	21.08	352	P	P	22 18 30.0	+0.2
PARMO	Parma	21.10	14	eP	P	22 18 28.5	-1.5
WVT	Waverly	21.11	18	eP	P	22 18 28.1	-1.9
T30A	Plains	21.17	350	P	P	22 18 31.4	+0.6
S33A	Kaszmual Farm,	21.19	355	P	P	22 18 33.3	+0.2
S35A	Otter Creek Ra	21.40	359	P	P	22 18 33.4	+0.2
T29A	Hugoton	21.41	348	P	P	22 18 33.6	+0.1
S36A	Lake Cedric, C	21.44	1	P	P	22 18 33.8	+0.1
S34A	Willow Spring	21.44	357	P	P	22 18 34.0	+0.3
S37A	Fort Scott	21.49	2	P	P	22 18 34.3	+0.1
S31A	Mullinville	21.57	352	P	P	22 18 35.4	+0.3
S32A	Newby Ranch, P	21.58	353	P	P	22 18 35.5	+0.3
S30A	Montezuma	21.73	350	P	P	22 18 37.2	+0.3
S29A	Ulysses	21.83	349	P	P	22 18 38.6	+0.6
S28A	Mante	21.95	347	P	P	22 18 39.6	+0.3
214A	Organ Pipe Nat	21.96	319	P	P	22 18 40.7	+1.3
214A	Organ Pipe Nat	21.96	319	eP	P	22 18 40.4	+1.0
R35A	Emporia Municipi	22.04	359	P	P	22 18 40.3	+0.2
R34A	Isabella, Hill	22.05	357	P	P	22 18 40.6	+0.4
R37A	Teagarden Farm	22.05	2	P	P	22 18 40.8	+0.7
R33A	Olander Ranch,	22.10	356	P	P	22 18 41.1	+0.4
CCM	Cathedral Cave	22.15	10	eP	P	22 18 40.9	-0.4
T25A	Trinidad	22.18	342	P	P	22 18 42.1	+0.2
T25A	Trinidad	22.18	342	eP	P	22 18 43.7	+1.9
TKL	Tuckaleechee C	22.19	27	P	P	22 18 41.2	-0.5
SIUC	Southern Illin	22.22	14	eP	P	22 18 41.0	-1.1
R31A	Burdett	22.23	352	P	P	22 18 42.5	+0.3
R32A	Long Quarter,	22.27	354	P	P	22 18 43.1	+0.4
JSC	Jenkinsville	22.29	33	eP	P	22 18 45.1	+2.3
R30A	Dighton	22.33	351	P	P	22 18 43.8	+0.5
W18A	Petrified Fore	22.55	329	P	P	22 18 46.3	+0.5
Q35A	Mercer Eighty,	22.57	360	P	P	22 18 46.1	+0.3
R29A	Marienthal	22.61	349	P	P	22 18 46.6	+0.3
Q37A	Longview Farm,	22.62	3	P	P	22 18 46.7	+0.3
Q34A	Chapman	22.65	358	P	P	22 18 47.0	+0.4
R28A	Tribune	22.66	348	P	P	22 18 47.3	+0.4
Q36A	Arnold C. Orve	22.68	1	P	P	22 18 47.1	+0.2
CBKS	Cedar Bluff	22.78	352	P	P	22 18 48.4	+0.4
CBKS	Cedar Bluff	22.78	352	eP	P	22 18 49.1	+1.1
KSU1	Kansas State U	22.82	359	P	P	22 18 48.8	+0.4
KSU1	Kansas State U	22.82	359	eP	P	22 18 48.0	-2.5
Q32A	Mettler Ranch,	22.82	355	P	P	22 18 48.8	+0.3
USIN	University of	22.86	17	eP	P	22 18 47.4	-1.4
USIN	Kings Mountain	22.92	32	eS	S	22 22 58.0	+0.5
KM5C	Kings Mountain	22.92	32	eP	P	22 18 50.5	+1.0
Q31A	Ellis	22.92	353	P	P	22 18 49.9	+0.4
Q30A	Quinter	23.00	351	P	P	22 18 50.7	+0.3
Q29A	Oakley	23.04	350	P	P	22 18 51.2	+0.4
SDCO	Great Sand Dun	23.08	340	P	P	22 18 51.9	+0.5
SDCO	Great Sand Dun	23.08	340	eP	P	22 18 52.2	+0.8
P33A	Williams Farm,	23.20	356	P	P	22 18 52.8	+0.4
P35A	Duane Minner,	23.24	360	P	P	22 18 53.1	+0.3
P34A	Walnut Farm, R	23.27	358	P	P	22 18 53.8	+0.7
P36A	Good Intent, A	23.34	1	P	P	22 18 54.5	+0.8
Q28A	Sharon Springs	23.36	348	P	P	22 18 54.7	+0.6
OTAV	Otavalo	23.40	131	eP	P	22 18 58.3	+3.2
P31A	Stockton	23.43	353	P	P	22 18 55.5	+0.8
P32A	Huiting Farm,	23.45	355	P	P	22 18 55.5	+0.6
OLIL	Olney	23.46	15	eP	P	22 18 52.5	-2.4
KSCO	Kaye Shedlock	23.48	347	P	P	22 18 56.0	+0.7
KSCO	Kaye Shedlock	23.48	347	eP	P	22 18 55.2	-0.1
WCI	Wyandotte Cave	23.51	19	eP	P	22 18 56.7	+1.2
S22A	4UR Ranch, Cre	23.53	338	P	P	22 18 56.7	+0.7
P30A	Selden	23.57	352	P	P	22 18 56.6	+0.6
WUAZ	Wupatki	23.69	327	P	P	22 18 58.5	+1.1
WUAZ	Wupatki	23.69	327	eP	P	22 18 58.5	+1.1
MVCO	Mesa Verde	23.72	334	eP	P	22 18 57.4	-0.3
P29A	Atwood	23.73	350	P	P	22 18 58.5	+0.9
Q33A	Hebron	23.83	357	P	P	22 18 59.3	+0.8
Q28A	Saint Francis	23.84	349	P	P	22 18 59.4	+0.7
Q36A	Bolckow	23.86	2	P	P	22 18 59.6	+0.8
Q34A	Beatrice	23.90	358	P	P	22 18 59.9	+0.7

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O38A	Galt	23.92	5	P	P	22 19 00.3	+0.9
O37A	Wolven Farm, M	23.93	3	P	P	22 19 00.2	+0.8
GLA	Glamis	23.97	318	P	P	22 19 01.2	+1.2
GLA	Glamis	23.97	318	eP	P	22 19 01.5	+1.5
O35A	Humboldt	23.98	360	P	P	22 19 00.9	+1.0
ROSC	El Rosal	23.98	116	P	P	22 19 02.9	+2.3
ROSC	comp=Z, 105nm, 18.9s, baz=342, slow=36			LR	LR	22 29 10.8	
ROSC	El Rosal	23.98	116	eP	P	22 19 05.4	+4.9
O31A	Woolen Ranch,	24.05	354	P	P	22 19 01.4	+0.8
O32A	Brookman Farm,	24.06	356	P	P	22 19 01.5	+0.8
Q24A	Divide	24.09	342	P	P	22 19 01.9	+0.6
Q24A	Divide	24.09	342	eP	P	22 19 05.7	+4.4
O30A	MW Ranch, Wils	24.16	352	P	P	22 19 02.4	+0.7
O29A	4D Ranch, Culb	24.22	351	P	P	22 19 02.9	+0.7
Y12C	Blythe	24.23	320	P	P	22 19 03.7	+1.4
BLO	Bloomington	24.31	18	eP	P	22 19 01.1	-1.9
O28A	Kruetsinger Ran	24.38	349	P	P	22 19 04.4	+0.7
N33A	J Bar K, Exete	24.48	357	P	P	22 19 05.4	+0.8
N37A	Lee Faris, Mou	24.51	3	P	P	22 19 05.6	+0.8
SWSC	Sam W. Stewart	24.53	316	P	P	22 19 06.5	+1.4
N36A	Muff Farm, Cla	24.54	2	P	P	22 19 05.9	+0.9
N34A	Lincoln	24.55	359	P	P	22 19 06.0	+0.8
IBP	Imperial Bould	24.56	316	P	P	22 19 06.8	+1.3
N35A	Tabor	24.57	0	P	P	22 19 06.2	+0.9
N38A	Joess South For	24.61	5	P	P	22 19 06.4	+0.7
N31A	San Nicolas Is	24.68	354	P	P	22 19 07.0	+0.7
PV05	Paradox Valley	24.70	334	eP	P	22 19 13.0	+6.2
BC3	Big Chuckawall	24.76	318	P	P	22 19 08.6	+1.4
N39A	Denby Farms, D	24.76	6	P	P	22 19 08.1	+1.0
N30A	Hueftle Ranch,	24.78	352	P	P	22 19 08.0	+0.7
SMCO	Snowmass	24.86	339	eP	P	22 19 10.7	+2.2
N29A	Votaw Ranch, W	24.87	351	P	P	22 19 09.0	+0.8
N28A	Pribbeno Ranch	24.89	350	P	P	22 19 09.4	+1.1
IRM	Iron Mountain	24.89	319	P	P	22 19 09.6	+1.2
MONP	Monument Peak	24.92	316	P	P	22 19 10.0	+1.2
HDIL	Hopedale	24.93	12	P	P	22 19 09.2	+0.6
PV10	Paradox Valley	24.93	335	eP	P	22 19 10.3	+1.4
PV10	Paradox Valley	24.93	335	eS	S	22 19 15.3	-1.5
BAR	Barrett	24.96	315	eP	P	22 19 10.9	+1.9
ISCO	Idaho Springs	24.99	342	P	P	22 19 10.5	+0.9
ISCO	Idaho Springs	24.99	342	eP	P	22 19 09.8	+0.2
BLA	Blacksburg	25.01	30	eP	P	22 19 08.8	-0.6
PV09	Parox Valley	25.08	335	eP	P	22 19 12.3	+2.0
M37A	Trindle Farm,	25.16	3	P	P	22 19 11.5	+0.8
M35A	Neola	25.18	0	P	P	22 19 11.8	+1.0
M36A	Felix Anita	25.18	2	P	P	22 19 11.7	+0.8
BGNE	Belgrade	25.19	356	P	P	22 19 11.7	+0.7
M31A	Lambrecht Ranc	25.20	355	P	P	22 19 12.0	+1.0
M34A	Aspy Farms, Fr	25.22	359	P	P	22 19 11.9	+0.7
OGNE	Ogallala	25.22	349	P	P	22 19 12.2	+0.9
OGNE	Ogallala	25.22	349	eP	P	22 19 12.6	+1.2
M38A	Pleasantville	25.23	5	P	P	22 19 12.2	+0.9
SFIN	Scholer Farm	25.27	16	P	P	22 19 12.5	+0.8
SFIN	Scholer Farm	25.27	16	eP	P	22 19 10.2	-1.4
M33A	Taylor Creek F	25.31	358	P	P	22 19 12.9	+0.9
BELC	Belle Mtn. Jos	25.33	318	P	P	22 19 13.6	+1.2
PFO	Pinyon Flat Ob	25.38	317	P	P	22 19 13.5	+0.6
PFO	Pinyon Flat Ob	25.38	317	eP	LR	22 28 58.7	
PFO	comp=Z, 422nm, 20.6s, baz=135, slow=36			LR	LR	22 28 58.7	
PFO	Pinyon Flat Ob	25.38	317	eP	P	22 19 14.2	+1.3
PFO	Pinyon Flat Ob	25.38	317	eP	P	22 19 13.8	+0.9
109C	Camp Elliot, M	25.38	51	P	P	22 19 14.5	+1.7
M30A	Dale-Ortello V	25.48	353	P	P	22 19 14.8	+1.1
M29A	Burnside Ranch	25.49	352	P	P	22 19 14.5	+0.8
M28A	Bar X Bar Ranc	25.55	350	P	P	22 19 15.0	+0.7
GMRC	Granite Mounta	25.62					

26d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like G27A Dupree, G26A Maurine, F33A 5 Mile Ranch, etc.

20 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like A26A Wade Farm, J08A Circle Bar, EGMT Eggleton, etc.

1306

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like CAMP 122nm,1.0s, NRCA Norcia, etc.

ISC/JBT 26 22:28:35.7z-0.9, 21:98S:0:09:179:52W:0:08, h597km, 11km, mb4, 3/25, Error ellipse: s-maj=14.7km

s-min=10.4km az=157.5 BUJ 26 22:28:35.3z-1.1, 21:15S:178:86W, h597km, mb4, 6/7, mb5, 0/2

IDC 26 22:28:36.3z-0.2, 21:99S:173:45W, h591km, 22km, mb3, 7/11, mb1, 3/9/16, mb1mx3, 8/35, mbmlp4, 6/16, Error ellipse: s-maj=22.0km s-min=12.7km az=153.0

NEIC 26 22:28:37.5z-0.6, 21:83S:179:58W, h605km, 6km, mb4, 7/11, Error ellipse: s-maj=14.9km s-min=10.2km az=160.0

NEIC 26 22:28:37.1z-0.6, 21:85S:0:10:179:54W:0:08, h595km, 4km, h596km: p-P, n72, r123/80, mb4, 5/25, 8C, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

CSEM 26 22:24:35.0, 42:56N:13:17E, h11km, MD1.8/5, After ROM ROM 26 22:24:35.0, 0.3, 42:56N:13:17E, h11km, MD1.8/5, MI1.7/4, Error ellipse: s-maj=4.0km s-min=1.4km az=10.0, Central Italy

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like LNSS Leonessa, SMA1 SAN MARTINO, etc.

1307

Table with columns: KRLC, BRG, BRG, PVCC, VYHS, GOPC, PRU, PRU, TREC, KHC, KHC, GERES, ESDC, TORD. Includes station names, coordinates, and various parameters.

SJA 26 22:40:51.01, 0.31, 29S, 68.64W, h20km, 8km, MD3.6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cerro Villucun, Coronel Fontan, Cerro Valdivia, etc.

JMA 26 22:51:34.5, 0.2, 35.95N, 129.88E, h4km, M3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pohang, Ulsan, Yeongdeok, etc.

ISC 26 22:51:35.2, 1.0, 35.95N, 129.88E, h10km, 13km, n43, c037/53, 1C-5D, South Korea

Large table listing station data for South Korea, including station names, coordinates, and parameters. Includes stations like Pohang, Ulsan, Yeongdeok, etc.

ISCJB 26 23:07:03.5, 0.4, 33.26N, 0.04, 96.00E, 0.05, h10km, mb3.9/12, MS3.1/2, Error ellipse: s-maj=7.4km

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

DJA 26 23:42:54.9, 0.3, 3.2S, 12.2E, h10km, M3.5/9, MLv3.5/9, Sulawesi

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

2010 NOV

Main table listing station data for 2010 NOV, including station names, coordinates, and parameters. Includes stations like GTA, LZH, LZH, etc.

ISC 26 23:15:42.5, 6.1, 36.24N, 70.53E, h174km, 58km, mb3.3/4, mb1.3, 3.7, mb1mx3.0/48, mbtmp3.8/7, Error ellipse:

NNC 26 23:15:49.4, 10.0, 36.85N, 70.97E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=8.8km s-min=4.1km az=177.0

ISC 26 23:15:43.2, 2.4, 36.4N, 0.2, 70.6E, 0.1, h150km, n19, c263/20, mb4.1/3, 5C-3D, Hindu Kush region

Table listing station data for the Hindu Kush region, including station names, coordinates, and parameters. Includes stations like Dzerino, Almayashu, etc.

DJA 26 23:42:54.9, 0.3, 3.2S, 12.2E, h10km, M3.5/9, MLv3.5/9, Sulawesi

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

27d 0h

Table with columns: TTSI, LUWI, LUWI, SPSI, PCI, GTOI. Includes station names and coordinates.

PGC 26 23:50:05.6, 2.1, 58.35N, 137.94W, h1km, ML2.0/2, 137km ESE of Yakutat, AK Southeastern Alaska,

Table listing station data for Southeastern Alaska, including station names, coordinates, and parameters. Includes stations like Pleasant Camp, Peninsula, etc.

NIED 26 23:54:00, 35.70N, 140.70E, h47km, Mw4.2, Best double couple, Mz2:57000x1015, NP1:9274.00000, 817.00000, 1-164.00000, NP2:93.169.00000, 85.00000, -1.74.00000

ISCJB 26 23:54:46.3, 0.5, 35.63N, 140.03, 140.80E, 0.05, h52km, 3km, mb3.9/14, MS3.2/5, Error ellipse: s-maj=7.0km s-min=5.5km az=169.3

JMA 26 23:54:46.6, 0.1, 35.66N, 140.74E, h47km, 1km, M3.8, Broadband fault plane solution: P waves, NP1: 927.00000, 85.00000, 894.00000, NP2: 93.169.00000, 86.00000, 852.00000, Principal axes: T P1g50.00000, Azm301.00000; N P1g4.00000, Azm206.00000; P P1g40.00000, Azm113.00000

JMA 26 23:54:47.9, 9.0, 35.57N, 140.66E, h49km, 8km, mb3.7/14, mb1.3, 3.9/17, mb1mx3.8/43, mbtmp4.0/17, MS3.3/9, Ms1.3, 3.9, ms1mx3.1/39, Error ellipse: s-maj=14.9km s-min=7.5km az=64.0

ISC 26 23:54:47.5, 0.8, 35.65N, 140.77E, 0.05, h47km, 6km, n46, c102/47, mb4.0/14, MS3.3/5, 4D, Near east coast of eastern Honshu

Large table listing station data for the Honshu region, including station names, coordinates, and parameters. Includes stations like Choshi, ISUMI INFRASON, Nagara, etc.

ISK 27 00:08:30.1, 36.58N, 36.04E, h5km, MD2.7, CSEM 27 00:08:31.7, 0.4, 36.58N, 35.99E, h5km, MD2.7, Error

Table with columns: EKSZ, Erkin-Say, 130.09, 70, ePKPdf, PKPdf, 01 25 07.3 +0.3, etc.

NEIC 27 01:10:00.7, 16'00N-95'62W, h46km, MD4.1 (MEX), After MEX.

MEX 27 01:10:00.6-0.4, 15'99N-95'62W, h50km, 14km, MD4.1, Near coast of Oaxaca

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

IDC 27 01:14:46.5-0.5, 9'79N-69'63W, h0km, mb4, 1/19, mb1 4.4, 2, mb1mx4, 2/37, mbtmp4, 2/22, ML4.3, MS3.4/9, etc.

ISCJB 27 01:14:48.8-0.5, 9'90N-0'02:69'62W, h20km, 4km, mb4.3/43, MS3.4/8, Error ellipse: s-maj=4.0km

BUI 27 01:14:48.7, 9'90N-69'70W, h5km, mb5.3/2, Ms5.1/3, Ms7.4/2

FUNV 27 01:14:49.7, 9'90N-69'68W, h5km, MW4.2

NEIC 27 01:14:49.7, 9'91N-69'67W, h5km, mb4.7/24, MW4.2 (CAR), After CAR.

NEIC Fell [IV] at Barquisimeto. Also felt at Cabudare, Cagua, Merida and Valencia.

ISC 27 01:14:49.9, 9'89N-0'03:69'67W, 0'02, h19km, 3km, n131, r195/154, mb4.5/44, MS3.5/8, 1C-5D, Venezuela

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CURV, DABV, JACV, etc.

Main table with columns: MTP, SDDR, Presa de Saban, 9.18, 350, eSn, Sn, 01 18 29.2 -13, etc.

WRA Warramunga Arr 154.78 244 PKPbc PKPbc 01 34 49.3 -1.6

ISCJB 27 01:19:05.6-0.6, 3'62N-0'06:124'8E, 0'1, h10km, mb4.0/11, Error ellipse: s-maj=15.0km s-min=9.0km

IDC 27 01:19:05.8-1.7, 3'70N-125'17E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3, 6/35, mbtmp3, 8/5, MS3.2/1, Ms1 3.2/1, ms1mx2, 4/34, Error ellipse: s-maj=108.5km s-min=24.6km

NEIC 27 01:19:14.9-3.3, 3'44N-124'69E, h27km, mb4.2/7, Error ellipse: s-maj=3.9km s-min=9.9km az=52.0

ISC 27 01:19:07.5-1.1, 3'66N-0'10:124.9E, 0'2, h10km, n15, o#97/14, mb4.1/11, Cebeles Sea

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

ATH 27 01:20:42.4, 36'21N-27'94E, h43km, 7km, MD3.0/4

ISCJB 27 01:20:43.2-0.7, 36'34N-0'04:27'71E, 0'05, h8km, 6km, Error ellipse: s-maj=6.8km s-min=5.4km az=139.2

CSEM 27 01:20:43.1-0.3, 36'34N-27'71E, h2km, MD3.0, Error ellipse: s-maj=7.7km s-min=7.2km az=46.0

DDA 27 01:20:45.4, 36'50N-27'68E, h7km, MD2.6

ISC 27 01:20:45.0, 36'60N-27'71E, h10km, MD2.7

ISC 27 01:20:43.1-1.1, 3'635N-0'03:27'69E, 0'03, h6km, 13km, n22, o#70/30, Dodecanese Islands

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

WEL 27 01:22:43.9-0.4, 38'67S-175'67E, h172km, 3km, ML3.6/15, 8C-2D, Error ellipse: s-maj=3.6km s-min=3.3km az=90.0, North Island

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

KRSC 27 01:24:04.9-0.6, 53'13N-160'12E, h48km, 5km, ML3.5, Near east coast of Kamchatka Peninsula

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

1311

CBN	Corbin	41.14	318	PFAKE	LR	02 52 50.0	+12
CBN	comp=Z,2j,um,22.0s						
LIS	Lisbon	41.37	42	eS	P	02 58 57.0	+2.7
PBDV	Barranco-do-Ve	41.40	44	eP	S	02 52 39.1	+0.9
PBDV	comp=Z,2j,um,22.0s						
PBDV	Barranco-do-Ve	41.40	44	eT	P	03 35 13.3	
PMAFR	Matra	41.41	41	eP	S	02 52 41.1	+1.1
PMAFR	comp=Z,173nm,1.8s						
PMAFR				eS	S	02 58 59.8	+4.8
PMAFR				eLR	LR	03 03 28.3	
PNCL	Nicolau / Gran	41.45	43	eP	P	02 52 40.6	+0.3
PNCL	comp=Z,2j,um,22.0s						
PNCL	Nicolau / Gran	41.45	43	eP	S	02 58 58.4	+2.9
PNCL	comp=Z,2j,um,22.0s						
PNCL	Nicolau / Gran	41.45	43	eT	P	03 35 12.5	
LVC	Limon Verde	41.47	217	P	T	02 52 40.4	-0.6
LVC	comp=Z,4.4nm,0.5s,baz=53,slow=10,SNR=3.4						
LVC				LR	LR	03 10 57.7	
MESJ	Messejana	41.51	30	slow=38	P	02 52 42.2	+1.4
MESJ	comp=Z,4.4nm,0.5s,baz=53,slow=38						
MESJ				eP	P	02 52 50.0	
MESJ	comp=Z,52nm,3.3s						
MESJ	Messejana	41.51	43	eS	P	02 58 58.9	+2.3
MESJ	comp=Z,88nm,1.6s						
MESJ	Messejana	41.51	43	eP	P	02 52 42.2	+1.4
MESJ	comp=Z,88nm,1.6s						
MESJ	Messejana	41.51	43	eS	S	02 58 58.8	+2.3
PVAQ	Vaqueiros	41.63	44	eS	S	02 59 09.9	+2.7
PVAQ	comp=Z,2j,um,22.0s						
PVAQ	Vaqueiros	41.63	44	eT	T	03 35 03.6	
EVO	Evora	42.01	42	eP	P	02 52 45.7	+0.8
EVO	comp=Z,68nm,1.5s						
PMTG	Montargil	42.16	42	eP	P	02 52 45.3	-0.8
PMTG	comp=Z,48nm,1.6s						
PMTG				eS	S	02 59 04.6	-1.5
PMTG				eLR	LR	03 04 00.1	
PBAR	Barrancos	42.48	44	eP	P	02 52 53.2	+4.5
PBAR	comp=Z,95nm,1.8s						
PBAR				eS	S	02 59 16.2	+5.3
PBAR				eLR	LR	03 04 06.3	
PBAR	Barrancos	42.48	44	eT	T	03 35 56.8	
PCAS	Casmilo, Conde	42.53	40	eP	P	02 52 54.3	+5.2
PCAS	comp=Z,66nm,1.6s						
PCAS				eS	S	02 59 14.1	+2.6
PCAS				eLR	LR	03 04 02.0	
BLA	Blacksburg	42.71	315	PFAKE	LR	02 53 00.0	+9.3
BLA	comp=Z,3j,um,19.0s						
NCB	Newcomb	42.75	327	PFAKE	LR	02 53 00.0	+9.1
NCB	comp=Z,2j,um,21.0s						
PMRV	Marv??o	42.90	42	eS	S	02 59 19.8	+2.7
PMRV	comp=Z,3j,um,21.0s						
PMRV				eQ	Q	03 02 34.8	
PMRV				eLR	LR	03 04 16.7	
MTE	Manteigas	43.33	40	eP	P	02 52 55.3	-0.4
MTE	comp=Z,1j,um,20.0s						
MTE	Manteigas	43.33	40	eP	P	02 52 55.3	-0.4
MTE	comp=Z,53nm,1.6s						
MTE				eS	S	02 59 23.4	0.0
MTE				eQ	Q	03 02 43.1	
MTE				eLR	LR	03 04 01.6	
MTE	Manteigas	43.33	40	PFAKE	LR	02 53 10.0	+1.4
MTE	comp=Z,3j,um,21.0s						
GOGA	Godfrey	43.33	308	eP	P	02 52 57.7	+2.0
GOGA	comp=Z,35nm,1.4s						
GOGA				MLR	MLR		
GOGA	Godfrey	43.33	308	eP	P	02 52 57.7	+2.0
GOGA	comp=Z,35nm,1.4s						
GOGA				LR	LR		
LONY	Lake Ozonia	43.37	327	PFAKE	LR	02 53 10.0	+1.4
LONY	comp=Z,2j,um,20.0s						
LONY	Lamas de Olo	43.71	39	eS	S	02 59 29.0	-0.1
LONY	comp=Z,772nm,22.0s						
LONY				eLR	LR	03 04 30.0	
PGAV	Gavieira, Arco	43.76	38	eP	P	02 52 55.8	-0.6
PGAV	comp=Z,36nm,2.1s						
PGAV				eS	S	02 59 29.7	0.0
PGAV				eQ	Q	03 02 56.6	
PGAV				eLR	LR	03 04 28.6	
TOAD	Torodi Ar. Sit	43.99	82	eP	P	02 53 02.7	+1.4
TOAD	comp=Z,1j,um,24.0s						
TOAD	Torodi Ar. Sit	43.99	82	eP	P	02 53 02.7	+1.4
TOAD	comp=Z,1.5nm,0.8s,baz=275,slow=8.3,SNR=40						
TORD	Torodi Ar. Bea	43.99	82	P	P	02 52 59.9	-1.3
TORD	comp=Z,1.5nm,0.8s,baz=275,slow=8.3,SNR=40						
TORD				LR	LR	03 09 05.5	
MVO	Moncorvo	44.07	40	eS	S	02 59 38.0	+3.7
MVO	comp=Z,3j,um,19.9s,baz=250,slow=33						
MVO				eQ	Q	03 03 03.6	
MVO				eLR	LR	03 04 38.6	
PBRG	Braganca	44.61	39	eS	S	02 59 43.1	+1.1
PBRG	comp=Z,2j,um,20.0s						
PBRG				eLR	LR	03 04 39.0	
PAB	San Pablo	44.98	43	PFAKE	LR	02 53 20.0	+1.1
PAB	comp=Z,2j,um,20.0s						
PAB				LR	LR		
ESDC	Sonseca Array	45.31	43	P	P	02 53 10.1	-1.4
ESDC	comp=Z,2.3nm,0.9s,baz=244,slow=10,SNR=7.8						
ESDC				LR	LR	03 07 44.5	
ES19	SHL Horse Pasture	45.36	43	eP	P	02 53 13.9	+1.9
ES19	comp=Z,1j,um,21.3s,baz=250,slow=30						
ES19	SHL	45.36	43	eP	P	02 53 20.0	+6.8
ES19	comp=Z,749nm,19.0s						
ACSO	Alum Creek Sta	45.92	317	PFAKE	LR	02 53 30.0	+1.4
ACSO	comp=Z,2j,um,22.0s						
AAM	Ann Arbor	47.38	319	PFAKE	LR	02 53 40.0	+1.2
AAM	comp=Z,2j,um,20.0s						
LCO	Las Campanas	47.44	213	PFAKE	LR	02 53 40.0	+1.1
LCO	comp=Z,2j,um,20.0s						
TAM	Tamanrasset	48.05	69	eP	P	02 53 32.6	-0.8
TAM	comp=Z,91nm,2.3s						
TAM	Tamanrasset	48.05	69	eP	P	02 53 32.6	-0.8
TAM	comp=Z,91nm,2.3s						
PAYG	Puerto Ayora	48.12	260	PFAKE	LR	02 53 50.0	+1.6
PAYG	comp=Z,1j,um,20.0s						
PAYG				LR	LR		
CFAA	Coronel Fontan	48.28	209	P	P	02 53 34.7	-0.2
CFAA	comp=Z,0.3nm,0.9s,baz=38,slow=8.6,SNR=4.0						
GLMI	Grayingl	49.26	322	PFAKE	LR	02 54 00.0	+1.8
GLMI	comp=Z,1j,um,21.0s						
HDIL	Hopedale	50.39	315	PFAKE	LR	02 54 00.0	+9.1
HDIL	comp=Z,2j,um,20.0s						
TRQA	Tornquist	51.44	199	PFAKE	LR	02 54 10.0	+1.1
TRQA	comp=Z,2j,um,21.0s						
MIAR	Mount Ida	51.65	306	P	P	02 54 01.9	+1.5
MIAR	comp=Z,2j,um,20.0s						
MIAR	Mount Ida	51.65	306	PFAKE	LR	02 54 10.0	+1.0
MIAR	comp=Z,2j,um,20.0s						
NATX	Nacogdoches	51.88	302	PFAKE	LR	02 54 20.0	+1.8
NATX	comp=Z,734nm,20.0s						
JFWS	Jewell Farm	51.99	317	PFAKE	LR	02 54 20.0	+1.7
JFWS	comp=Z,2j,um,20.0s						
338A	Crockett	52.34	301	P	P	02 54 07.8	+2.2
338A	comp=Z,2j,um,20.0s						
Y38A	Idabel	52.42	305	P	P	02 54 07.7	+1.6
Y38A	comp=Z,53						
HKT	Hockley	52.52	300	eP	P	02 54 07.9	+1.0
HKT	comp=Z,5.0nm,1.3s						

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W38A	Poteau	52.53	306	P	P	02 54 08.3	+1.3
W38A	comp=Z,2j,um,21.0s						
COWI	Conover	52.66	321	PFAKE	LR	02 54 20.0	+1.2
COWI	comp=Z,2j,um,21.0s						
X38A	Whitesboro	52.68	306	P	P	02 54 08.8	+0.7
X38A	comp=Z,2j,um,21.0s						
O38A	Galt	53.22	313	P	P	02 54 12.9	+0.9
O38A	comp=Z,2j,um,21.0s						
V37A	Hulbert	53.23	307	P	P	02 54 12.8	+0.7
V37A	comp=Z,2j,um,21.0s						
N38A	Joes South For	53.27	313	P	P	02 54 12.9	+0.5
N38A	comp=Z,2j,um,21.0s						
U37A	Salina	53.35	308	P	P	02 54 13.3	+0.3
U37A	comp=Z,2j,um,21.0s						
T37A	Cheneyville 18	53.39	309	P	P	02 54 14.2	+0.9
T37A	comp=Z,2j,um,21.0s						
736A	Circle Diamond	53.42	298	P	P	02 54 15.8	+2.1
736A	comp=Z,2j,um,21.0s						
SSB	Saint Sauveur	53.45	41	PFAKE	LR	02 54 30.0	+1.6
SSB	comp=Z,2j,um,19.0s						
M38A	Pleasantville	53.46	314	P	P	02 54 13.2	-0.5
M38A	comp=Z,2j,um,21.0s						
236A	Katherine and	53.48	302	P	P	02 54 15.3	+1.2
236A	comp=Z,2j,um,21.0s						
636A	Smothers Creek	53.49	299	P	P	02 54 15.7	+1.6
636A	comp=Z,2j,um,21.0s						
S37A	Fort Scott	53.50	309	P	P	02 54 15.0	+1.0
S37A	comp=Z,2j,um,21.0s						
Q37A	Longview Farm,	53.54	311	P	P	02 54 15.9	+1.5
Q37A	comp=Z,2j,um,21.0s						
SCIA	State Center	53.64	315	PFAKE	LR	02 54 30.0	+1.5
SCIA	comp=Z,2j,um,20.0s						

27d 2h

Q28A	Sharon Springs	59.15	309	P	P	02 54 55.2 +0.7
C30A	Mose, Pekin	59.16	320	P	P	02 54 55.9 +1.5
TXAR	Lajitas Array	59.20	298	P	P	02 54 54.0 -4.6
TXAR	comp-Z, 120nm, 20.9s, baz=0.0, slow=57					03 20 49.5
P28A	Saint Francis	59.20	310	P	P	02 54 56.2 +1.3
I29A	Vivian Onida	59.24	315	P	P	02 54 56.0 +1.0
M28A	Bar X Bar Ranc	59.33	312	P	P	02 54 57.0 +1.2
O28A	Krutsinger Ran	59.35	310	P	P	02 54 57.3 +1.5
GRF	Grafenberg Arr	59.36	39	P	P	02 54 53.9 -1.7
GRF	comp-Z, 13nm, 1.3s, baz=247, slow=6.5					03 14 44.4
CUC	Castrocuco	59.66	50	PFAKE	LR	02 55 10.0 +1.2
OGNE	Ogallala	59.71	311	PFAKE	LR	02 55 10.0 +1.2
I28A	Mission Ridge	59.84	315	P	P	02 55 00.3 +1.1
H28A	Parade	59.96	316	P	P	02 55 02.2 +2.2
G28A	Manning Farm,	60.05	321	P	P	02 55 01.1 +0.6
F28A	McLaughlin	60.10	317	P	P	02 55 01.2 +0.3
TIP	Timpagrande	60.21	51	PFAKE	LR	02 55 10.0 +8.2
J27A	Elkhorn Farm,	60.23	314	P	P	02 55 02.0 +0.1
I27A	Quinn	60.47	315	P	P	02 55 04.1 +0.6
GERES	GERESS Array B	60.59	39	P	P	02 55 02.5 -1.7
GERES	comp-Z, 845nm, 19.0s					03 19 29.9
KHC	Kasperske Hory	60.60	39	eP	P	02 55 06.9 +2.6
KHC	comp-Z, 976nm, 18.6s, baz=246, slow=34					02 55 11.5 +4.0
KHC	comp-Z, 1.1um, 18.9s					03 03 25.6 +5.1
KHC	Kasperske Hory	60.60	39	eP	P	02 55 06.9 +2.6
KHC	comp-Z, 1.1um, 18.9s					02 55 11.5 +4.0
KHC	comp-Z, 1.1um, 18.9s					03 18 30.0
MOA	Molin	60.63	41	iP	P	02 55 02.3 -2.1
H27A	Howes	60.63	315	P	P	02 55 04.8 +0.2
T25A	Trinidad	60.79	307	P	P	02 55 06.4 +0.4
MNTX	Cornudas Mount	60.89	300	P	P	02 55 06.8 +0.2
MNTX	comp-Z, 582nm, 19.0s					02 55 20.0 +1.3
F27A	Lemmon	60.92	317	P	P	02 55 07.2 +0.7
CLL	Colim	61.00	37	eS	S	02 55 09.0 +2.1
CLL	comp-Z, 2.1um, 21.4s					03 03 27.0 +1.6
CLL	comp-N, 1.1um, 26.7s					03 03 27.0 +1.6
CLL	comp-E, 2.1um, 28.0s					03 03 27.0 +1.6
CLL	comp-Z, 600nm, 22.0s					03 07 23.0 -1.9
CLL	comp-Z, 2um, 21.4s					03 10 17.0
CLL	comp-Z, 40nm, 1.6s					03 16 00.0
J26A	Sides Ranch, S	61.01	314	P	P	02 55 07.9 +0.7
I26A	New Underwood	61.03	315	P	P	02 55 08.0 +0.7
H26A	Fairpoint	61.11	315	P	P	02 55 08.8 +0.9
G26A	Maurine	61.16	316	P	P	02 55 08.7 +0.5
SCO	Scoresbysund	61.36	8	eP	P	02 55 08.8 -0.2
SCO	comp-Z, 40nm, 1.6s					02 55 08.8 -0.2
BRG	Berggiesshubel	61.41	37	eP	P	02 55 22.5 +1.3
BRG	comp-Z, 25nm, 2.0s					03 03 33.0 +2.4
BRG	comp-Z, 40nm, 1.6s					03 07 28.0 -3.3
BRG	comp-Z, 40nm, 1.6s					02 55 22.5 +1.3
BRG	comp-Z, 25nm, 2.0s					03 03 33.0 +2.4
BRG	comp-Z, 25nm, 2.0s					03 07 28.0 -3.3
BRG	comp-N, 938nm, 30.9s					03 03 39.9 +8.4
BRG	comp-E, 1.1um, 20.3s					03 03 39.9 +8.4
PRU	Pruhonic	61.48	38	eP	P	02 55 12.8 +2.7
PRU	comp-Z, 800nm, 20.4s					02 55 20.8
PRU	comp-Z, 800nm, 20.4s					03 03 39.9 +8.4
PRU	comp-Z, 800nm, 20.4s					03 18 40.0
GOPC	GO Pecny, Ondr	61.60	39	AMS	AMS	03 19 00.0
I25A	Rochford	61.63	314	P	P	02 55 12.6 +1.0
PVCO	Panska Ves	61.67	38	AMS	AMS	03 18 50.0
H25A	Fruitdale	61.68	315	P	P	02 55 13.1 +1.3
G25A	Neuwell	61.70	316	P	P	02 55 12.4 +0.6
SDCO	Great Sand Dun	61.75	307	P	P	02 55 12.8 +0.3
SDCO	Great Sand Dun	61.75	307	PFAKE	LR	02 55 30.0 +1.7
TREC	Trest	61.84	39	AMS	AMS	03 19 30.0
ANMO	Albuquerque	62.13	304	eP	P	02 55 14.8 -0.3
ANMO	comp-Z, 1.0nm, 1.2s					02 55 17.2 +2.1
ANMO	Albuquerque	62.13	304	eP	P	02 55 17.2 +2.1
ANMO	comp-Z, 110nm, 3.0s					
ISCO	Idaho Springs	62.16	309	P	P	02 55 15.0 -0.4
ISCO	Idaho Springs	62.16	309	PFAKE	LR	02 55 30.0 +1.5
UPC	Udice	62.54	38	eP	P	02 55 14.5 -2.8
UPC	comp-Z, 1.1um, 20.4s					02 55 19.9
UPC	Udice	62.54	38	eP	P	02 55 14.5 -2.8
UPC	comp-Z, 1.1um, 20.4s					02 55 19.9 -0.6
N23A	Red Feather La	62.60	311	P	P	02 55 18.1 -0.2

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N23A	Red Feather La	62.60	311	eP	P	02 55 22.2 +4.0
LAZ	Ladron	62.63	303	eP	P	02 55 19.8 +1.3
DPC	Dobruska-Polom	62.68	38	eP	P	02 55 17.8 -0.5
DPC	comp-Z, 2.2nm, 0.9s					02 55 25.3
DPC	comp-Z, 2.2nm, 0.9s					03 03 44.1 -2.7
DPC	comp-Z, 800nm, 21.1s					02 55 17.8 -0.5
DPC	comp-Z, 6.3nm, 1.0s					02 55 25.3 +3.8
DPC	comp-Z, 2.2nm, 0.9s					03 04 44.1 -2.7
DPC	comp-Z, 800nm, 21.1s					03 19 30.0
KONO	Kongsberg	62.71	27	PFAKE	LR	02 55 30.0 +1.2
S22A	4UR Ranch, Cre	62.79	307	P	P	02 55 18.8 -0.8
S22A	4UR Ranch, Cre	62.79	307	eP	P	02 55 19.4 -0.1
KRLC	Krailky	62.88	39	eP	P	02 55 20.7 +1.1
KRLC	Krailky	62.88	39	eP	P	02 55 20.7 +1.1
TIR	Tirane	62.94	49	PFAKE	LR	02 55 30.0 +1.0
I21A	Cookes Peak, D	63.00	301	P	P	02 55 21.4 +0.4
DGMT	Dagmar	63.05	319	PFAKE	LR	02 55 30.0 +9.2
SMCO	Snowmass	63.10	309	eP	P	02 55 25.3 +3.6
MORC	Moravsky Berou	63.27	39	eP	P	02 55 21.6 -0.6
MORC	comp-Z, 25nm, 1.0s					02 55 21.6 -0.6
EFI	East Falkland	63.28	190	PFAKE	LR	02 55 30.0 +8.0
FFC	Filin Flon	63.64	326	eP	P	02 55 25.0 +0.5
FFC	comp-Z, 12nm, 1.3s					02 55 25.0 +0.5
FFC	comp-Z, 2.1um, 21.0s					02 55 28.3 +3.6
FFC	comp-Z, 12nm, 1.3s					02 55 34.6
OKC	Ostrava-Krasne	63.66	39	eP	P	02 55 28.3 +3.6
OKC	comp-Z, 900nm, 18.0s					02 55 34.6
OKC	Ostrava-Krasne	63.66	39	eP	P	02 55 28.3 +3.6
OKC	comp-Z, 900nm, 18.0s					02 55 34.6
OKC	comp-Z, 900nm, 18.0s					03 04 07.4 +8.4
OKC	comp-Z, 900nm, 18.0s					03 23 00.0
VYHS	Vyhne	63.75	41	eP	P	02 55 22.8 -2.6
VYHS	Vyhne	63.75	41	eP	P	02 55 22.8 -2.6
VYHS	Vyhne	63.75	41	eP	P	02 55 22.8 -2.6
LAO	LASA Array	63.95	317	PFAKE	LR	02 55 44.0 +1.3
MVCO	Mesa Verde	64.04	306	PFAKE	LR	02 55 40.0 +1.2
NB2	NORSAR Subarra	64.07	26	P	P	02 55 22.6 -4.7
NB2	comp-Z, 3.7nm, 1.7s, baz=243, slow=6.9					02 55 22.6 -4.7
NOA	NORSAR Subarra	64.07	26	P	P	02 55 23.9 -3.4
NOA	comp-Z, 0.5nm, 0.6s, baz=28, slow=8.6, SNR=2.7					03 17 44.6
PV01	Paradox Valley	64.20	307	eP	P	02 55 28.7 -0.1
O20A	White River Cr	64.21	309	P	P	02 55 29.7 +0.9
PSZ	Piszkesteto	64.30	42	PFAKE	LR	02 55 40.0 +1.1
OJC	Ojcow	64.79	39	eP	P	02 55 31.6 -0.5
OJC	Ojcow	64.79	39	eP	P	02 55 31.6 -0.5
NIE	Niedzica	64.91	40	eP	P	02 55 36.7 +3.7
NIE	Niedzica	64.91	40	eP	P	02 55 36.7 +3.7
CRVS	Cervencia-Dubn	65.53	41	eP	P	02 55 38.1 +1.1
CRVS	Cervencia-Dubn	65.53	41	eP	P	02 55 38.1 +1.1
WUAZ	Wupatki	66.19	304	P	P	02 55 42.2 +0.5
WUAZ	comp-Z, 29nm, 1.5s					02 55 41.1 -0.6
EGMT	Eagleton	66.57	318	PFAKE	LR	02 56 00.0 +1.6
SANT	Santorini	66.67	55	PFAKE	LR	02 56 00.0 +1.5
AHID	Auburn Hatcher	66.69	312	PFAKE	LR	02 56 00.0 +1.5
TSUM	Tsumeb	66.80	116	P	P	02 55 45.9 +0.1
TSUM	comp-Z, 2.8nm, 1.0s, baz=287, slow=8.9, SNR=5.3					02 55 40.6 -5.2
TSUM	Tsumeb	66.80	116	eP	P	02 55 40.6 -5.2
YMR	Madison River	66.85	314	eP	P	02 55 47.4 +1.5
NLU	North Lily Min	67.11	309	eP	P	02 55 50.1 +2.6
LVV	L'vov	67.36	40	eS	S	02 55 46.7 -2.0
LVV	comp-Z, 13nm, 1.5s					03 04 00.7 -3.6
BOZ	Bozeman (W)	67.46	315	PFAKE	LR	02 56 00.0 +1.0
DAG	Danmarks Havn	67.48	6	eP	P	02 55 51.1 +2.1
DAG	comp-Z, 4.0nm, 0.9s					02 55 51.1 +2.1
DUG	Dugway	67.70	309	eP	P	02 55 50.0 -1.2
DUG	comp-Z, 2.28nm, 1.8s					02 55 52.5 +1.3
DUG	Dugway	67.70	309	eP	P	02 55 50.0 -1.2
DUG	comp-Z, 2.28nm, 1.8s					02 55 54.0 +2.6
BUR0A	Bucovina Ar, S	67.76	43	eP	P	02 55 51.0 -1.7
BUR0A	Big Grassy Mou	67.93	310	eP	P	02 55 54.4 +2.6
CCUT	Cedar City	67.93	306	eP	P	02 55 56.2 +2.6
DLMT	Dillon	68.09	315	eP	P	02 55 57.1 +1.5
PDMCI	Parker Dam, Lak	68.40	303	P	P	02 55 56.8 -1.1
CHMT	Chamberlain Mo	68.74	316	eP	P	02 55 59.8 +0.9
SLMT	Seeley Lake	68.95	317	eP	P	02 56 02.1 +1.6
HLID	Hailey	69.19	313	P	P	02 56 10.0 +9.5
HLID	Hailey	69.19	313	PFAKE	LR	02 56 10.0 +9.5

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IRM	Iron Mountain	69.24	303	P	P	02 56 03.1 +2.3
SWMT	Swartz Lake	69.32	317	eP	P	02 56 02.1 +0.9
JTMT	Jette	69.54	317	eP	P	02 56 01.9 -0.7
ELK	Elko	69.58	310	eP	P	02 56 05.7 +2.6
ELK	comp-Z, 6.0nm, 1.0s					02 56 05.7 +2.6
ELK	Elko	69.58	310	eP	P</	

28nm,0.3s,baz=313,slow=18,SNR=13					
SJG San Juan	5.14 300	ePn	Pn	05 11 21.0	-1.0
SJG			eSn	05 12 24.7	+3.9
ICMP Isla Caja de M	5.37 296	ePn	Pn	05 11 23.9	-1.1
CELP Cerrillos	5.49 297	ePn	Pn	05 11 25.9	+0.8
OLP			eSn	05 12 23.8	+3.2
OBIP Obispo Ponce	5.50 297	ePn	Pn	05 11 25.9	-0.9
OBIP			eSn	05 12 35.0	+5.7
AOPR Arecibo Observ	5.76 299	ePn	Pn	05 11 29.9	-0.4
AOPR			eSn	05 12 37.4	+1.9
LRS Lares	5.81 298	ePn	Pn	05 11 35.0	+1.2
LRS			eSn	05 12 37.5	+0.6
CRPR Cabo Rojo, PR	5.92 295	ePn	Pn	05 11 31.6	-0.9
CRPR			eSn	05 12 41.7	+2.3
LSP Las Mesas	5.97 296	ePn	Pn	05 11 32.4	-0.7
LSP			eSn	05 12 43.2	+2.5
MPR Mayaguez	6.03 296	ePn	Pn	05 11 35.0	+1.2
MPR			eSn	05 12 43.4	+1.4
AGP Aguadilla	6.12 298	ePn	Pn	05 11 34.9	-0.1
AGPR Aguadilla, PR	6.12 298	ePn	Pn	05 11 35.3	+0.3
AGPR			eSn	05 12 44.7	+0.6
SDDR Presa de Saban	9.98 291	ePn	Pn	05 12 26.1	-0.5
SDDR			eSn	05 14 16.4	-0.8
PTGA Pitinga	16.30 175	ePn	Pn	05 13 45.9	-1.6
3.6nm,0.3s,baz=355,slow=16,SNR=36					
ROSC El Rosal	16.57 231	ePn	Pn	05 13 50.5	-0.5
0.9nm,0.3s,baz=125,slow=9,SNR=30					
ROSC El Rosal	16.57 231	ePn	Pn	05 13 52.1	+1.0
BBSR BB Station	16.95 351	ePn	Pn	05 13 57.3	+2.2
12nm,0.5s					
BCIP Isla Barro Col	19.06 253	ePn	Pn	05 14 17.8	-0.1
59nm,1.0s					
OTAV Otavalo	22.70 229	ePn	Pn	05 15 14.1	-1.6
9.6nm,1.1s					
JTS JuntasAbangare	23.50 260	ePn	Pn	05 15 02.0	-1.6
6.2nm,0.5s,baz=101,slow=6.8,SNR=8.1					
JTS JuntasAbangare	23.50 260	ePn	Pn	05 15 02.5	-1.0
6.9nm,0.7s					
SAML Samuel	24.46 184	ePn	Pn	05 15 11.7	-0.4
4.7nm,0.3s					
TIGA Triton	25.62 312	ePn	Pn	05 15 22.5	-0.2
baz=26					
KMSC Kings Mountain	26.39 321	ePn	Pn	05 15 29.6	+0.2
baz=26					
TKL Tuckaleechee C	28.23 319	ePn	sP	05 16 34.7	+0.6
16nm,0.6s,baz=138,slow=11,SNR=30					
CCIG Comitán	29.50 276	ePn	Pn	05 15 56.9	-0.7
WVT Waverly	31.15 316	ePn	Pn	05 16 11.8	+0.1
7.4nm,1.1s					
VBMS Vicksburg	31.16 307	ePn	Pn	05 16 11.5	-0.3
baz=31					
OXF Oxford	31.39 312	ePn	Pn	05 16 14.1	+0.3
7.7nm,0.5s					
SIV San Ignacio	31.40 179	ePn	Pn	05 16 13.7	-0.4
9.0nm,0.5s,baz=16,slow=8.3,SNR=17					
LPAZ La Paz	32.37 192	ePn	Pn	05 16 21.7	-1.5
1.1nm,0.7s,baz=6.3,slow=6.8,SNR=6.3					
LPAZ La Paz	32.37 192	ePn	Pn	05 16 21.4	-1.8
1.2nm,0.8s					
SFIN Scholer Farm	33.27 323	ePn	Pn	05 16 30.3	+0.1
baz=33					
440A Kirbyville	33.32 303	ePn	Pn	05 16 30.2	-0.5
baz=33					
400A Gronson	33.49 304	ePn	Pn	05 16 31.6	-0.6
baz=33					
539A Cross D Ranch,	33.74 301	ePn	Pn	05 16 33.7	-0.7
baz=34					
439A Center Grove,	33.99 302	ePn	Pn	05 16 35.9	-0.6
baz=34					
339A Huntington	34.00 303	ePn	Pn	05 16 36.0	-0.6
baz=34					
738A Farr-Stevens R	34.16 299	ePn	Pn	05 16 37.2	-0.7
baz=34					
239A Gary	34.17 304	ePn	Pn	05 16 37.4	-0.6
baz=34					
NATX Nacogdoches	34.23 304	ePn	Pn	05 16 38.1	-0.5
baz=34					
Z39A Irene McRaven,	34.40 307	ePn	Pn	05 16 39.6	-0.4
baz=34					
538A Harpers Horsep	34.41 301	ePn	Pn	05 16 39.5	-0.6
baz=34					
CCM Cathedral Cave	34.49 316	ePn	Pn	05 16 40.1	-0.6
2.1nm,0.5s					
438A Sam Houston St	34.56 302	ePn	Pn	05 16 40.9	-0.5
baz=34					
338A Crockett	34.62 303	ePn	Pn	05 16 41.2	-0.7
baz=34					
238A Jacksonville	34.68 304	ePn	Pn	05 16 41.9	-0.5
baz=35					
HDIL Hopedale	34.68 321	ePn	Pn	05 16 42.5	+0.2
baz=35					
737A Port Lavaca	34.81 298	ePn	Pn	05 16 43.0	-0.6
baz=35					
138A Matatal Enter	34.89 305	ePn	Pn	05 16 43.7	-0.5
baz=35					
637A Eagle Lake	34.89 299	ePn	Pn	05 16 43.5	-0.7
baz=35					
537A Green Hill Far	35.05 300	ePn	Pn	05 16 45.1	-0.6
baz=35					
337A Centerville	35.07 303	ePn	Pn	05 16 45.4	-0.4
baz=35					
Y38A Idabel	35.08 307	ePn	Pn	05 16 45.5	-0.4
baz=35					
437A Phantom Ranch,	35.13 302	ePn	Pn	05 16 45.9	-0.4
baz=35					
237A Washetta, Mont	35.23 304	ePn	Pn	05 16 46.6	-0.6
baz=35					
936A North Padre Is	35.25 296	ePn	Pn	05 16 46.6	-0.7
baz=35					
W38A Poteau	35.38 309	ePn	Pn	05 16 48.2	-0.2
baz=35					
736A Circle Diamond	35.39 298	ePn	Pn	05 16 48.0	-0.5
baz=35					
137A Heron Place, G	35.39 305	ePn	Pn	05 16 48.2	-0.4
baz=35					
X38A Whitesboro	35.45 309	ePn	Pn	05 16 48.7	-0.3
baz=35					
Z37A Pogue Cattle C	35.50 306	ePn	Pn	05 16 49.0	-0.4
baz=35					
636A Smothers Creek	35.51 299	ePn	Pn	05 16 49.0	-0.6
baz=35					
V38A Canehill	35.64 311	ePn	Pn	05 16 50.2	-0.4
baz=36					
436A Wall Ranch, Ga	35.65 301	ePn	Pn	05 16 50.0	-0.7
baz=36					
536A Bastrop	35.68 300	ePn	Pn	05 16 50.4	-0.6
baz=36					
035Z Hargill	35.73 294	ePn	Pn	05 16 50.6	-0.9
baz=36					
Y37A Hugo	35.78 307	ePn	Pn	05 16 51.4	-0.4
baz=36					
236A Katherine and	35.81 303	ePn	Pn	05 16 51.6	-0.5
baz=36					
X37A Clayton	35.83 308	ePn	Pn	05 16 51.8	-0.4
baz=36					
035A Encino	35.85 294	ePn	Pn	05 16 51.7	-0.8
baz=36					
336A Riesel	35.87 302	ePn	Pn	05 16 52.1	-0.6
baz=36					
835A Beeville	35.88 297	ePn	Pn	05 16 52.1	-0.7
baz=36					
136A Ennis	35.96 304	ePn	Pn	05 16 52.8	-0.6
baz=36					
735A Kennedy	35.99 298	ePn	Pn	05 16 52.8	-0.9
baz=36					
535A Dale	36.09 300	ePn	Pn	05 16 53.7	-0.8
baz=36					
635A Leesville	36.09 299	ePn	Pn	05 16 54.0	-0.6
baz=36					
Z36A Blue Ridge	36.16 305	ePn	Pn	05 16 54.5	-0.5
baz=36					
V37A Hulbert	36.19 310	ePn	Pn	05 16 54.9	-0.4
baz=36					
Y36A Durant	36.27 307	ePn	Pn	05 16 55.5	-0.5
baz=36					
435B Jarrell	36.30 301	ePn	Pn	05 16 55.7	-0.7
baz=36					
335A Moody	36.32 302	ePn	Pn	05 16 55.7	-0.7
baz=36					
934A Benavides	36.34 295	ePn	Pn	05 16 55.8	-0.8
baz=36					
034A Hebronville	36.38 295	ePn	Pn	05 16 56.2	-0.8
baz=36					
U37A Salina	36.39 311	ePn	Pn	05 16 56.6	-0.4
baz=36					
834A Tilden	36.47 296	ePn	Pn	05 16 56.9	-0.9
baz=36					

WHTX Lake Whitney	36.55 303	ePn	Pn	05 16 57.8	-0.6
baz=36					
T37A Cheneyville 18	36.57 312	ePn	Pn	05 16 58.2	-0.3
baz=36					
X36A Genesahoma	36.57 308	ePn	Pn	05 16 58.1	-0.4
baz=36					
634A China Grove, S	36.58 298	ePn	Pn	05 16 57.9	-0.8
baz=36					
734A La Parrita Cree	36.63 297	ePn	Pn	05 16 58.3	-0.8
baz=36					
TUL1 Tulsa	36.68 310	ePn	Pn	05 16 59.1	-0.3
baz=37					
W36A Wetumka	36.69 309	ePn	Pn	05 16 59.1	-0.4
baz=37					
135A Vickery Place,	36.69 304	ePn	Pn	05 16 59.1	-0.6
baz=37					
V36A Jenks	36.74 310	ePn	Pn	05 16 59.6	-0.3
baz=37					
S37A Fort Scott	36.80 313	ePn	Pn	05 17 00.1	-0.3
baz=37					
Z35A Perchaven, San	36.82 305	ePn	Pn	05 17 00.2	-0.5
baz=37					
U36A Oologah	36.84 311	ePn	Pn	05 17 00.5	-0.3
baz=37					
534A Blanco	36.84 299	ePn	Pn	05 17 00.2	-0.8
baz=37,SNR=5.0					
N39A Derby Farms, D	36.84 319	ePn	Pn	05 17 00.7	-0.1
baz=37					
Y35A Marietta	36.85 306	ePn	Pn	05 17 00.5	-0.4
baz=37					
434A Burnet	36.88 301	ePn	Pn	05 17 00.4	-0.8
baz=37					
X35A Drake	36.98 307	ePn	Pn	05 17 01.5	-0.5
baz=37					
334A Lometa	36.99 302	ePn	Pn	05 17 01.5	-0.8
baz=37					
933A Lario	37.00 295	ePn	Pn	05 17 01.5	-0.8
baz=37					

27d 5h

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U30A	WK&E Inc. Balk baz=40	40.55 308	P	P	05 17 31.3 -0.5	B34A	Aery, Baudette baz=43	42.61 327	P	P	05 17 48.4 +0.2	baz=46	E26A	Carlson Angus baz=46	45.91 321	P	P	05 18 14.5 -0.2
L33A	Hoskins baz=40	40.56 318	P	P	05 17 31.7 -0.1	L29A	Maesberg Ranch baz=43	42.62 316	P	P	05 17 48.2 -0.4	baz=46	G25A	Newell baz=46	45.92 319	P	P	05 18 14.6 -0.2
Q31A	Ellis baz=40	40.57 313	P	P	05 17 31.5 -0.4	O28A	Krusinger Ran baz=43	42.70 313	P	P	05 17 48.8 -0.5	baz=46	N23A	Red Feather La baz=46	45.94 312	P	P	05 18 14.5 -0.8
N32A	Stulken Farm, baz=40	40.57 316	P	P	05 17 31.7 -0.2	G31A	Conde baz=43	42.72 321	P	P	05 17 49.1 -0.1	baz=46	C27A	Saylor Ranch, baz=46	45.95 323	P	P	05 18 14.9 -0.1
D37A	Cotton baz=41	40.60 327	P	P	05 17 32.3 +0.2	C33A	Trail baz=43	42.75 326	P	P	05 17 49.7 +0.2	baz=46	D26A	Manning baz=46	46.16 322	P	P	05 18 16.5 -0.2
K33A	Hardington baz=41	40.61 319	P	P	05 17 32.1 -0.1	N28A	Pribbeno Ranch baz=43	42.76 314	P	P	05 17 49.4 -0.4	baz=46	B27A	Peters Farms, baz=46	46.16 324	P	P	05 18 16.5 -0.1
E36A	McGregor baz=41	40.63 326	P	P	05 17 32.4 +0.1	SUSD	South Dakota S baz=43	42.77 320	P	P	05 17 49.6 -0.1	baz=46	F25A	Bowman baz=46	46.27 320	P	P	05 18 17.1 -0.4
EYMN	Ely baz=41	40.65 329	P	P	05 17 32.7 +0.3	E32A	Braaten, Kindr baz=43	42.80 324	P	P	05 17 49.9 +0.1	baz=46	C26A	Wahner Farm, P baz=46	46.35 323	P	P	05 18 18.0 -0.1
I34A	Hadley baz=41	40.66 321	P	P	05 17 32.6 +0.1	I30A	Oacoma baz=43	42.80 319	P	P	05 17 49.8 -0.1	baz=46	A27A	Ledoux Ranch, baz=46	46.44 324	P	P	05 18 18.7 0.0
CBKS	Cedar Bluff baz=41	40.73 312	P	P	05 17 32.9 -0.4	K29A	Lazy Trails An baz=43	42.83 317	P	P	05 17 50.0 -0.2	baz=46	E25A	Miller Ranch, baz=46	46.50 320	P	P	05 18 19.1 -0.2
P31A	Stockton baz=41	40.77 313	P	P	05 17 33.2 -0.4	KSCO	Kaye Shedlock baz=43	42.89 311	P	P	05 17 50.4 -0.5	baz=46	B26A	Jensen Ranch, baz=46	46.71 323	P	P	05 18 20.8 -0.1
BGNE	Belgrade baz=41	40.77 316	P	P	05 17 33.3 -0.2	M28A	Bar X Bar Ranc baz=43	42.94 315	P	P	05 17 50.8 -0.4	baz=46	D25A	Fairfield baz=47	46.75 321	P	P	05 18 21.0 -0.2
228A	UT Block 9, Go baz=41	40.78 301	P	P	05 17 33.0 -0.8	B33A	Robert and Kas baz=43	42.97 327	P	P	05 17 51.3 +0.1	baz=46	A26A	Wade Farm, Ken baz=47	46.86 324	P	P	05 18 21.9 -0.1
AMTX	Amarillo baz=41	40.80 306	P	P	05 17 33.3 -0.7	MINX	Cornudas Mount baz=43, SNR=14	43.00 300	P	P	05 17 51.0 -0.8	baz=46	K22A	Casper baz=47	46.96 314	P	P	05 18 22.5 -0.6
AMTX	Amarillo 7.2nm, 1.0s baz=41	40.80 306	eP	P	05 17 33.5 -0.4	MNTX	Cornudas Mount 5.8nm, 0.6s	43.00 300	eP	P	05 17 51.4 -0.4	baz=46	C25A	Freed Ranch, W baz=47	46.98 322	P	P	05 18 22.8 -0.2
S30A	Montezuma baz=41	40.81 310	P	P	05 17 33.4 -0.5	D32A	Dogwood Acres, baz=43	43.07 324	P	P	05 17 52.2 +0.1	baz=46	PV01	Paradox Valley baz=47	47.04 308	eP	P	05 18 24.8 +0.9
128A	Castleberry Fa baz=41	40.82 302	P	P	05 17 33.3 -0.8	F31A	Hecla baz=43	43.08 322	P	P	05 17 52.1 -0.1	baz=46	B25A	Knox Farm, Ray baz=47	47.20 323	P	P	05 18 24.5 -0.1
C37A	Embarrass baz=41	40.85 328	P	P	05 17 34.3 +0.2	AGMN	Agassiz Nation baz=43	43.13 326	P	P	05 17 52.7 +0.2	baz=46	W18A	Petrified Fore baz=47	47.26 304	P	P	05 18 24.5 -1.0
Z28A	Tucker Farm, M baz=41	40.91 303	P	P	05 17 34.1 -0.8	AGMN	Agassiz Nation 5.5nm, 0.5s	43.13 326	eP	P	05 17 52.0 -0.4	baz=46	O20A	White River Ci baz=47	47.36 311	P	P	05 18 25.4 -0.8
R30A	Dighton baz=41	40.91 311	P	P	05 17 34.3 -0.5	J29A	Okreek baz=43	43.13 318	P	P	05 17 52.4 -0.3	baz=46	A25A	Svangstu Ranch baz=48	47.49 324	P	P	05 18 26.9 0.0
F35A	Swanville baz=41	40.96 324	P	P	05 17 35.1 +0.2	C32A	Croston baz=43	43.20 326	P	P	05 17 53.2 +0.1	baz=46	DGMT	Dagmar baz=48	47.90 322	P	P	05 18 29.9 -0.1
ECSD	EROS Data Cent baz=41	40.96 320	P	P	05 17 35.0 0.0	OGNE	Ogallala baz=43	43.21 314	P	P	05 17 52.9 -0.5	baz=46	LAO	LASA Array baz=48	48.33 320	P	P	05 18 33.2 -0.3
ECSD	EROS Data Cent 2.8nm, 0.6s	40.96 320	eP	P	05 17 34.5 -0.5	G30A	Faulton baz=43	43.23 321	P	P	05 17 53.3 -0.2	baz=46	WUAZ	Wupatki baz=48	48.65 304	P	P	05 18 35.2 -1.0
J33A	Davis baz=41	40.96 320	P	P	05 17 35.0 0.0	E31A	Nome baz=43	43.24 323	P	P	05 17 53.5 0.0	baz=46	WUAZ	Wupatki 3.9nm, 0.6s	48.65 304	eP	P	05 18 36.5 +0.3
H34A	Spellman Lake, baz=41	40.96 322	P	P	05 17 35.1 +0.1	A33A	Warroad baz=43	43.27 328	P	P	05 17 53.8 +0.2	baz=46	P18A	Preston Nutter baz=47	48.70 309	eP	P	05 18 37.0 +0.4
L32A	Elgin baz=41	40.96 317	P	P	05 17 34.9 -0.2	L28A	Connealy Angus baz=43	43.30 316	P	P	05 17 53.7 -0.4	baz=46	SRU	San Rafael 1.6nm, 0.5s	48.77 309	eP	P	05 18 37.2 +0.2
U29A	Oasis Ranch, S baz=41	40.99 308	P	P	05 17 34.9 -0.6	I29A	Vivian Onida baz=43	43.41 319	P	P	05 17 54.7 -0.2	baz=46	PDAR	Pinedale Array 2.4nm, 0.6s, baz=11s, slow=9.5, SNR=21	49.10 314	P	P	05 18 39.5 -0.2
D36A	Goodland baz=41	41.00 327	P	P	05 17 35.4 +0.1	D31A	Mclefflin, Tow baz=43	43.42 324	P	P	05 17 55.0 +0.2	baz=46	BW06	Boulder Array 1.9nm, 0.5s	49.10 314	eP	P	05 18 39.4 -0.2
O31A	Woolen Ranch, baz=41	41.00 314	P	P	05 17 35.1 -0.3	K28A	Ten Mile Ranch baz=44	43.50 317	P	P	05 17 55.5 -0.2	baz=46	214A	Organ Pipe Nat baz=49	49.29 299	P	P	05 18 40.1 -0.9
N31A	Bailey Ranch, baz=41	41.04 315	P	P	05 17 35.5 -0.3	F30A	Lezy baz=44	43.52 322	P	P	05 17 55.7 0.0	baz=46	RLMT	Red Lodge baz=49	49.69 317	P	P	05 18 43.5 -0.5
TXAR	Lajitas Array 0.8nm, 0.5s, baz=121, slow=7.4, SNR=36	41.11 297	P	P	05 17 35.9 -0.7	B32A	Ashes, Strandq baz=44	43.55 326	P	P	05 17 56.0 +0.1	baz=46	RLMT	Red Lodge 2.4nm, 0.5s	49.69 317	eP	P	05 18 44.1 0.0
TXAR	0.7nm, 0.7s, baz=116, slow=5.7, SNR=5.0	41.11 297	P	P	05 19 34.2 +0.9	T25A	Trinidad baz=44	43.59 308	P	P	05 17 55.9 -0.8	baz=46	O16A	Springville baz=49	49.78 310	eP	P	05 18 41.6 -3.1
TX31	Lajitas Ar. Si 41.14 312	41.11 297	eP	P	05 17 36.0 -0.6	T25A	Trinidad baz=44	43.59 308	eP	P	05 17 56.2 -0.5	baz=46	SNOW	San Rafael Moun 1.8nm, 0.5s	50.15 314	eP	P	05 18 47.9 +0.3
Q30A	Quinter baz=41	41.14 312	P	P	05 17 36.3 -0.4	H29A	Onida baz=44	43.64 320	P	P	05 17 56.7 0.0	baz=46	AHID	Auburn Hatcher 2.1nm, 0.5s	50.19 313	eP	P	05 18 47.5 -0.3
C36A	Pine Crest Far baz=41	41.21 328	P	P	05 17 37.1 +0.2	J28A	Allard Ranch, baz=44	43.73 318	P	P	05 17 57.2 -0.2	baz=46	REDW	Red Top Meadow 1.4nm, 0.6s	50.19 314	eP	P	05 18 47.7 -0.1
G34A	Benson baz=41	41.21 323	P	P	05 17 37.0 0.0	G29A	Hoven baz=44	43.74 320	P	P	05 17 57.5 0.0	baz=46	MOOW	Moose Ponds 1.5nm, 0.9s	50.24 314	eP	P	05 18 48.9 +0.7
I33A	Coleman baz=41	41.24 321	P	P	05 17 37.3 0.0	E30A	Juc baz=44	43.81 323	P	P	05 17 58.0 0.0	baz=46	H17A	Grant Village baz=51	50.33 315	P	P	05 18 48.2 -0.6
T29A	Hugoton baz=41	41.25 309	P	P	05 17 37.0 -0.5	A32A	Rocking H Ranc baz=44	43.83 327	P	P	05 17 58.3 +0.2	baz=46	DUG	Dugway baz=51	50.75 309	P	P	05 18 51.2 -0.7
K32A	Verdigre baz=41	41.26 318	P	P	05 17 37.4 -0.1	C31A	Landman Farms, baz=43	43.85 325	P	P	05 17 58.3 +0.1	baz=46	DUG	Dugway 2.4nm, 0.5s	50.75 309	eP	P	05 18 51.9 0.0
S29A	Ulysses baz=41	41.28 310	P	P	05 17 37.3 -0.5	I28A	Midland baz=44	43.95 318	P	P	05 17 59.0 -0.2	baz=46	Y12C	Blythe baz=51	50.94 301	P	P	05 18 52.5 -0.8
E35A	Pequot Lakes baz=41	41.28 325	P	P	05 17 37.7 +0.1	D30A	Buchanan baz=44	44.05 323	P	P	05 17 59.9 0.0	baz=46	QLMT	Earthquake Lak baz=51	51.04 316	eP	P	05 18 55.4 +1.2
M31A	Lambrecht Ranc baz=41	41.29 316	P	P	05 17 37.6 -0.2	J27A	Elkhorn Farm, baz=44	44.16 317	P	P	05 18 00.6 -0.4	baz=46	EGMT	Eagleton 51.07 320	P	P	05 18 53.8 -0.3	
F34A	Alexandria baz=41	41.31 324	P	P	05 17 37.9 +0.1	B31A	Greenbush Farm baz=44	44.16 326	P	P	05 18 00.8 +0.1	baz=46	BGU	Big Grassy Mou 3.4nm, 0.8s	51.08 301	eP	P	05 18 54.5 +0.1
P30A	Selden baz=41	41.39 313	P	P	05 17 38.3 -0.3	H28A	Mission Ridge baz=44, SNR=6.0	44.17 319	P	P	05 18 00.7 -0.3	baz=46	GLA	Glamis baz=51	51.11 300	P	P	05 18 53.7 -0.9
MSTX	Muleshoe baz=41	41.40 304	P	P	05 17 38.2 -0.7	A31A	Linda, St. Vin baz=44	44.21 326	P	P	05 18 01.2 +0.1	baz=46	HVU	Hansel Valley 2.6nm, 0.6s	51.11 311	eP	P	05 18 54.0 -0.7
MSTX	Muleshoe 8.9nm, 0.8s	41.40 304	eP	P	05 17 38.1 -0.7	C30A	Mose, Pekin baz=44	44.21 324	P	P	05 18 01.2 0.0	baz=46	BOZ	Bozeman (W) baz=51	51.44 316	P	P	05 18 56.5 -0.6
D35A	Remer baz=41	41.41 326	P	P	05 17 38.8 +0.2	E28A	Napoleon baz=44	44.27 322	P	P	05 18 01.7 -0.1	baz=46	IRM	Iron Mountain baz=51, SNR=5.7	51.51 301	P	P	05 18 56.6 -1.0
O30A	MW Ranch, Wils baz=42	41.52 314	P	P	05 17 39.3 -0.4	G28A	Parade baz=44	44.30 320	P	P	05 18 01.8 -0.2	baz=46	BC3	Big Chuckawall baz=52	51.70 301	P	P	05 18 58.1 -0.9
J32A	Parkston baz=42	41.54 319	P	P	05 17 39.6 -0.1	ULM	Lac du Bonnet 1.8nm, 0.3s, baz=131, slow=8.7, SNR=9.2	44.34 329	P	P	05 18 01.6 -0.5	baz=46	SWSC	Sam W, Stewart baz=52	51.90 300	P	P	05 18 59.7 -0.8
H33A	Prehn Over Nor baz=42	41.55 322	P	P	05 17 39.7 -0.1	D29A	Pettibone, Tap baz=44	44.50 323	P	P	05 18 03.5 0.0	baz=46	H10N3	ASCENSION HYDR52.01 113	T	T	06 14 45.2	
L31A	Butterfield Fa baz=42	41.59 317	P	P	05 17 40.0 -0.2	BNN	Barren Site I27A	44.55 303	eP	P	05 18 04.9 +0.5	baz=46	H10N2	ASCENSION HYDR52.02 113	T	T	06 14 45.7	
R29A	Marienthal baz=42	41.59 311	P	P	05 17 39.8 -0.6	I27A	Quinn baz=44	44.55 318	P	P	05 18 03.7 -0.3	baz=46	H10N1	ASCENSION HYDR52.03 113	T	T	06 14 47.1	
I32A	Karley and Nic baz=42	41.63 320	P	P	05 17 40.4 -0.1	B30A	Myrvik Farm, E baz=45	44.55 3										

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like CIRR, KRKR, ESO, etc.

IDC 27 05:53:07.7:0.6,23.45S:176.46W,h0km,mb4.5/14, mb1.4/7.17,mb1mx4.5/3.7,mbtmp4.6/17,ML4.5/3,MS3.6/10, Ms1.3/10,ms1mx3.3/2.8,Error ellipse: s-maj=22.2km s-min=15.1km az=150.0

AUST 27 05:53:08.5:25.0,23.60S:176.41W,h0km,Error ellipse: s-maj=2.6km s-min=1.7km az=268.0

ISCJB 27 05:53:17.1:0.2,23.72S:176.54W:0.05,h82km, mb4.7/5.1,Error ellipse: s-maj=8.4km s-min=5.2km az=41.5

NEIC 27 05:53:19.7:1.3,23.74S:176.49W,h96km,11km,mb4.7/42, Error ellipse: s-maj=8.1km s-min=5.8km az=117.0

BUI 27 05:53:19.1,23.51S:176.67W,h77km,mb5.0/12,mb5.3/7, Ms5.2/3,Ms7.4/9.3

ISC 27 05:53:18.2:0.4,23.84S:176.40W:0.08,h82km, n155,r1540/148,mb4.6/51,5C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like NIUE, MSVF, AFI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KLRB, BATI, MBWA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like BRG, FBE, NEUB, etc.

IDC 27 05:56:16.4:0.3,16.92S:174.30W,h72km,26km,mb4.2/16, AFI 1.4/1.7,mb1mx4.2/3.9,mbtmp4.5/17,Error ellipse: s-maj=21.7km s-min=12.6km az=131.0

ISCJB 27 05:56:18.4:0.2,16.93S:174.35W:0.06,h100km, mb4.7/8.6,Error ellipse: s-maj=9.6km s-min=4.9km az=44.7

AUST 27 05:56:18.8:5.2,17.11S:174.17W,h87km,4km,Error ellipse: s-maj=5.0km s-min=2.7km az=12.0

BUI 27 05:56:21.8,16.70S:174.57W,h111km,mb4.8/12, mb5.3/7

NEIC 27 05:56:21.7:2.1,16.88S:174.39W,h116km,19km, mb4.8/7.3,Error ellipse: s-maj=7.9km s-min=4.7km az=140.0

ISC 27 05:56:22.5:0.6,16.93S:174.29W:0.09,h125km,4km,h126km:PP-P, n08,r09198,mb4.7/8.6, 4C-11D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like AFI, NIUE, MSVF, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like K05A Summer Lake, SHPR Sheep Range, H04A Detroit Lake, etc.

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

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ 0.1nm,0.3s, WRA Warramunga Arr, WRA 0.2nm,0.3s, etc.

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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ISCJB 27 08:38:19.9,0.5,24.53N,0.02,121.93E,0.02, h2km,5km, Error ellipse: s-maj=4.5km s-min=2.8km az=43.7 TAP 27 08:38:20.6,24.56N,121.85E, h10km,ML3,3 B JMA 27 08:38:20.6,24.53N,121.85E, h17km,3km, M2,9 ISC 27 08:38:20.6,0.8,24.55N,0.02,121.89E,0.02, h11km,6km, n37, c0567/65, 1C-5D, Taiwan

Main table for 27d 8h with columns: Code, 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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ISCJB 27 08:40:20.0,0.7,23.95N,0.04,122.42E,0.02, h3km,5km, Error ellipse: s-maj=6.0km s-min=2.6km az=171.3 TAP 27 08:40:20.8,23.94N,122.39E, h13km,1km, ML2,9 D JMA 27 08:40:20.9,0.1,23.98N,122.42E, h11km, M2,3 ISC 27 08:40:20.2,1.2,23.98N,122.40E,0.02, h10km,10km, n23, c0535/40, Taiwan region

Main table for 2010 NOV with columns: Code, 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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ISCJB 27 08:45:48.4,0.4,38.09N,0.03,15.67E,0.04, h54km,4km, Error ellipse: s-maj=5.8km s-min=3.6km az=36.8 CSEM 27 08:45:48.9,0.2,38.07N,15.66E, h47km,2km, ML4,0/B, Error ellipse: s-maj=4.8km s-min=2.8km az=127.0 ROM 27 08:45:48.7,0.2,38.08N,15.64E, h48km,3km, M13,4/2,7, Error ellipse: s-maj=2.7km s-min=2.5km az=138.0 ISC 27 08:45:49.1,1.2,38.07N,0.03,15.65E,0.03, h48km,5km, n67, c0580/92, Sicily

Main table for 2010 NOV with columns: Code, 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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Main table for 1322 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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

IDC 27 08:59:21.8,3.5,35.68N,70.20E, h83km,30km, mb3.4/8, mb1.3,6/13, mb1mx3.3/57, mbtmp3.8/13, Error ellipse: s-maj=26.6km s-min=22.9km az=178.0 ISCJB 27 08:59:23.9,0.6,35.90N,0.05,70.34E,0.09, h110km, mb3.4/7, Error ellipse: s-maj=11.4km s-min=5.0km az=152.4 NNC 27 08:59:31.3,5.4,36.37N,69.89E, h108km,92km, mb3.1, mpv3.6, Error ellipse: s-maj=40.0km s-min=33.4km az=23.0 ISC 27 08:59:25.1,0.8,35.88N,0.07,70.37E,0.09, h110km, n30, c1513/35, mb3.4/7, 7C-3D, Hindu Kush region

Main table for 1322 with columns: Code, 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 Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

27d 12h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TCHB Talchebab, SALA Sala, BIDA Albida, etc.

Code Station Name Azimuth Phase ID Time Res
WRA Warramunga Arr 46.42 259 P 11 52 38.8 -0.5
ASAR Alice Springs 46.62 253 P 11 52 41.0 +0.2
ILAR Eielson Array 84.75 12 P 11 56 46.0 0.0

TAP 27 11:50:57.5, 23:14N, 121:59E, h41km, 1km, ML3.6, C
JMA 27 11:50:57.7, 0.1, 23:19N, 121:47E, h45km, 3km, M3.0
ISCJB 27 11:50:58.2, 0.3, 23:15N, 121:58E, 0.02, h39km, 6km,
Error ellipse: s-maj=3.6km s-min=2.5km az=138.5
ISC 27 11:50:58.5, 1, 23:14N, 121:55E, 0.03, h34km, 2km,
n47, c0985/93, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHKT Chengkung, TWFW Yuli, EHY Hungye, etc.

2010 NOV

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHN1 Nanshi, SMLT Sun Moon Lake, TWK Hsiinying, etc.

Code Station Name Azimuth Phase ID Time Res
KRNET 27 12:01:43.4, 0.1, 41:32N, 171:09E, h11km, mb2.4
NINC 27 12:01:45.2, 3.2, 41:28N, 171:13E, h0km, mb2.9, mpv2.6,
Error ellipse: s-maj=24.0km s-min=14.5km az=11.0
ISC 27 12:01:44.4, 1.4, 41:32N, 171:13E, 0.04, 7.1, 13E, 0.05, h5km, 16km,
n12, c1929/23, 17C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARK Arkit, BTK Batken, ARSB Arslanbob, etc.

SKHL 27 12:13:39.0, 0.5, 54:70N, 125:10E, h10km, mb4.1/4, 1D, Southeastern Siberia

1328

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KROS Kirovskiy, BMKR Bommak, EKMR Ekimchan, etc.

AUST 27 12:21:31.1, 1.4, 8, 3:49S, 130:83E, h0km, Error ellipse:
s-maj=1.8km s-min=0.9km az=288.0
NEIC 27 12:21:32.1, 0.4, 3:76S, 131:16E, h10km, mb4.3/2, Error
ellipse: s-maj=1.7km s-min=0.5km az=99.0
IDC 27 12:21:32.8, 0.8, 3:39S, 131:12E, h0km, mb4.0/10,
mb1.4/2/11, mb1mx3.9/31, mbtmp4.0/11, ML4.1/1, MS2.9/3,
MS1.2/9/3, ms1mx2.7/31, Error ellipse: s-maj=38.5km
s-min=16.4km az=77.0
ISCJB 27 12:21:34.9, 0.3, 3:49S, 131:07E, 0.04, h30km,
mb4.0/10, MS2.8/1, Error ellipse: s-maj=5.0km
s-min=4.7km az=175.0
DJA 27 12:21:37.2, 0.5, 3:33S, 131:11E, h56km, 12km, M4.3/13,
mb4.5/1, mb4.8/1, MLV4.2/13, Mw(MB)4.1/1
ISC 27 12:21:36.3, 0.5, 3:51S, 130:04, 131:11E, 0.04, h30km, n43,
c197/46, mb4.1/10, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FAKI Fak Fak, BNDI Bandanaira, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, MTSU Mount Surprise, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FRU baz=324, AML Almayashu, AML baz=305, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like USRK comp=Z,5.1nm,0.8s,baz=240,slow=8.6,SNR=6.5, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VYHS, DPC, KRUC, STHS.

ISC 27 15:04:59.7:16.0, 17.26S:178.85W, h52km, 196km, mb3.0/5, mb1 3.3/5, mb1mx3.0/24, mbtp4.0/5, Error ellipse: s-maj=99.4km s-min=52.2km az=170.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STKA, WRA, ASAR, ILAR, TXAR, GERES.

ISC/JB 27 15:23:34.2:0.8, 37.57N:0.06:26.66E:0.06, h11km, 9km, Error ellipse: s-maj=11.2km s-min=5.7km az=145.4

CSEM 27 15:23:34.7:0.1, 37.67N:26.62E:0.10km, MD2.6, Error ellipse: s-maj=5.1km s-min=4.2km az=148.0

ISC 27 15:23:34.2: 37.69N:26.57E: h6km, MD2.6 DDA 27 15:23:35.2: 37.46N:26.75E: h7km, MD2.8

ISC 27 15:23:34.6: 1.1, 37.61N:0.06:26.65E:0.04, h8km, 11km, n10, c1f60/19, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GCAM, DGB, DGBM, BCLB, APE, AYDB.

BUI 27 15:26:09.5: 4.40S:99.85E, h35km, mb4.7/35, mb4.9/24, Ms4.5/18, Ms7.4/2/13

ISC 27 15:26:11.9: 0.7, 3.62S:99.86E, h0km, mb4.5/27, mb1 4.6/28, mb1mx4.4/0.4, mbtp4.5/28, ML4.4/1, MS3.4/8, Ms1 3.4/8, ms1mx3.1/41, Error ellipse: s-maj=24.3km s-min=11.1km az=45.0

ISC/JB 27 15:26:13.0: 0.1, 0.3:67S:0.03:99.83E:0.04, h21km, 6km, mb4.7/60, MS3.6/8, Error ellipse: s-maj=7.0km s-min=5.3km az=45.0

NEIC 27 15:26:13.4: 0.4, 3.56S:99.94E, h10km, mb4.9/9, Error ellipse: s-maj=13.9km s-min=5.3km az=45.0

DJA 27 15:26:14.1: 0.7, 4.3:3x10^0E: h28km, 7km, M4.5/16, mb4.8/8, mb5.2/5, MLV4.5/16, MLV4.5/16, Mw(MB)4.6/5

MOS 27 15:26:15.7: 1.1, 3.44S:99.92E, h33km, mb5.0/30, Error ellipse: s-maj=13.8km s-min=6.3km az=114.6

ISC 27 15:26:17.7: 0.6, 3.61S:0.06:99.84E:0.06, h41km, 3km, n154, s1s44/175, mb4.7/60, MS3.5/8, 6C-6D, Southwest of Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PPSI, SISI, KSI, PDSI, SDSI, PPI, MNAI, LHSI, MNSI, MDSI, LWLI, KLSI.

KASI Kota Agung 5.01 112 P Pn 15 27 28.1 -2.3

GSI Gunungsitoli 5.38 335 P Pn 15 27 33.7 -1.8

GSI Gunungsitoli 5.38 335 ePn Sn 15 27 32.3 -3.2

CGJI Cibinong 6.55 117 P Pn 15 27 48.0 -3.5

CNJI Cibinong 8.13 117 P Pn 15 28 09.3 -4.0

LEM Lembang 8.38 113 Pn Pn 15 28 20.1 +3.3

LEM Lembang 8.38 113 P Pn 15 28 19.2 -4.0

CISI Cisompet, Garu 8.85 117 P Pn 15 28 18.7 -4.5

CISI Cisompet, Garu 8.85 117 ePn Sn 15 29 57.4 -4.3

KAPP Kappang 19.90 95 P Pn 15 30 44.2 -1.7

KAPI Kappang 19.90 95 P LR 15 39 57.0

KAPI Maesarieng 21.73 355 P P 15 30 44.5 -1.4

CM01 Chiang Mai Arr 21.91 358 eP P 15 31 06.8 -0.7

CMAR Chiang Mai Arr 21.94 358 P P 15 31 07.3 -0.7

CMAR Phrae 21.97 1 P P 15 31 11.2 +3.0

CMMT Chiang Mai 22.30 358 P P 15 31 14.3 +2.6

CHTO Chiang Mai 22.30 358 P P 15 31 14.4 +2.7

CHTO Chiang Mai 22.30 358 eP Pmax 15 31 10.0 -1.7

CHTO Chiang Mai 22.30 358 eP P 15 31 10.0 -1.7

BATI Baumeata 24.53 107 P P 15 31 31.6 -2.2

QIZ Qiongzong 24.55 23 P S 15 31 33.8 0.0

QIZ Qiongzong 24.55 23 S S 15 35 51.3 -0.7

H08S2 Diego Garcia H 27.51 260 T T 16 01 30.7

H08S3 Diego Garcia H 27.51 260 T T 16 01 24.5

H08S1 Diego Garcia H 27.52 260 T T 16 01 30.0

KMI Kuming 28.70 5 P PMZ 15 32 14.5 +3.2

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KMI, FITZ, GYA, GYA, GYA, GYA, GYA.

comp=Z,7.0nm,0.5s PMZ 15 32 30.0 +1.9

comp=Z,110nm,4.9s LN 15 32 40.5 +1.2

comp=Z,51nm,3.9s LE 15 32 48.3 +4.1

comp=Z,120nm,4.5s LZ 15 33 31.0 +2.4

comp=Z,120nm,5.9s LZ 15 37 26.8 -0.9

comp=Z,120nm,5.9s LZ 15 37 46.5 +0.1

29.08 122 P P 15 32 13.7 -0.8

30.61 12 eP P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

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29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

29.08 122 P P 15 32 30.0 +1.9

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KBK, AML, AAK, AAK, AAK, AAK.

51.27 337 P P 15 35 19.3 +1.6

51.34 335 P P 15 35 19.7 +1.1

51.43 336 P P 15 35 19.8 +0.9

51.43 336 P P 15 35 18.9 -0.1

51.43 336 P P 15 35 18.8 -0.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

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51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

51.56 6 P P 15 35 20.9 +1.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like KAPI, SAUI, BSS, GENI, MMRI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PPBI, CMJI, HKC, JOW, QZH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SDSA, BKN, BKN, KULM, etc.

27d 18h

Table with columns: CAN, Canberra, 43.62 155 eP, P, 18 19 13.2 +1.1, etc. Includes stations like Canberra, Gaitai, Tooolangi, Kuril'sk, Yuzh-Sakhalins, Tarawa, Habr, etc.

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Table with columns: MDRS, Chennai, 48.14 284 eP, P, 18 19 48.9 +0.9, etc. Includes stations like Chennai, Kolda, DANN, ADKI, MOO, Chita, Tasmania Unive, RCL, Srisailam, Rampur, Nikolayevsk, Hyderabad, Nagpur, Zakamensk, etc.

1338

Table with columns: PET, comp=Z,400nm,9.7s, pmax, pmax, etc. Includes stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like EKSZ, KHZ, BKZ, SNZO, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like RAR, RAR, RAR, IGLO, ARU, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like GOF, PPT, PPT2, MDM, WRH, etc.

27d 18h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DAWY Dawson, OBN Obninsk, ANA Anapa, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CJR Cluj-Napoca, DAG Danmarks Havn, MBAR Mbarara, etc.

1340

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KHC Kasperske Hory, GECZ GERESS Array S, MOA Molin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PXZ Pawanui, DVHZ Dannevirke, PRHZ Porangahau, etc.

BJI 27 19:29:33.4, 55.10N; 160.40E, h10km, mb4.9/40, mB5, 1/45, Ms5.2/58, Ms7.4/9/58

IDC 27 19:29:35.4, 0.4, 55.15N; 160.29E, h0km, mb4.6/44, mb1.4/747, mb1mx4.6/67, mbtmp4.6/47, ML4.0/3, MS4.5/34, Ms1.4/5/34, ms1mx4.4/42, Error ellipse: s-maj=11.2km

MOS 27 19:29:35.6, 1.2, 55.18N; 160.41E, h8km, mb5.4/67, MS4.9/26, Error ellipse: s-maj=6.1km s-min=3.1km az=83.5

ISCBJ 27 19:29:36.9, 0.5, 55.16N; 0.02; 160.65E; 0.02, h22km, 3km, mb5.1/220, MS4.8/54, Error ellipse: s-maj=3.1km s-min=2.0km az=147.4

KRSC 27 19:29:36.0, 0.5, 55.15N; 160.36E, h8km, 3km, ML5.2, FELT [V] at springs Tururokskie; [V] at GMS 56.2

GCMT 27 19:29:38.4, 0.2, 55.21N; 160.46E, h12km, MW5.1/85, Moment Tensor Solution, s45, c73; s85, c157; Duration: 0

Moment tensor: Scale 10^19Nm; M1=-5.40E; 12; M2=2.92E; 11; M3=2.48E; 10; M4=-1.50E; 34; M5=3.60E; 09; M6=-0.46E; 36; B2=205 double couple; Ms5.1000x1016

NP1=0.55, 0.00000; NP2=0.52, 0.00000; NP3=0.41, 0.00000; NP4=0.28, 0.00000; NP5=0.00000; NP6=0.00000; NP7=0.00000; NP8=0.00000; NP9=0.00000; NP10=0.00000; NP11=0.00000; NP12=0.00000; NP13=0.00000; NP14=0.00000; NP15=0.00000; NP16=0.00000; NP17=0.00000; NP18=0.00000; NP19=0.00000; NP20=0.00000; NP21=0.00000; NP22=0.00000; NP23=0.00000; NP24=0.00000; NP25=0.00000; NP26=0.00000; NP27=0.00000; NP28=0.00000; NP29=0.00000; NP30=0.00000; NP31=0.00000; NP32=0.00000; NP33=0.00000; NP34=0.00000; NP35=0.00000; NP36=0.00000; NP37=0.00000; NP38=0.00000; NP39=0.00000; NP40=0.00000; NP41=0.00000; NP42=0.00000; NP43=0.00000; NP44=0.00000; NP45=0.00000; NP46=0.00000; NP47=0.00000; NP48=0.00000; NP49=0.00000; NP50=0.00000; NP51=0.00000; NP52=0.00000; NP53=0.00000; NP54=0.00000; NP55=0.00000; NP56=0.00000; NP57=0.00000; NP58=0.00000; NP59=0.00000; NP60=0.00000; NP61=0.00000; NP62=0.00000; NP63=0.00000; NP64=0.00000; NP65=0.00000; NP66=0.00000; NP67=0.00000; NP68=0.00000; NP69=0.00000; NP70=0.00000; NP71=0.00000; NP72=0.00000; NP73=0.00000; NP74=0.00000; NP75=0.00000; NP76=0.00000; NP77=0.00000; NP78=0.00000; NP79=0.00000; NP80=0.00000; NP81=0.00000; NP82=0.00000; NP83=0.00000; NP84=0.00000; NP85=0.00000; NP86=0.00000; NP87=0.00000; NP88=0.00000; NP89=0.00000; NP90=0.00000; NP91=0.00000; NP92=0.00000; NP93=0.00000; NP94=0.00000; NP95=0.00000; NP96=0.00000; NP97=0.00000; NP98=0.00000; NP99=0.00000; NP100=0.00000

Azm8.00000; Azm228.00000; P=-5.6670, Plg79.00000; Azm8.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 19:29:38.4, 0.3, 55.12N; 160.38E, h18km, 1km, mb5.2/134

Error ellipse: s-maj=5.1km s-min=2.9km az=163.0

BGR 27 19:29:56.5, 57.50N; 155.50E, h33km, mb5.5, Ms4.7

ISC 27 19:29:38.4, 0.3, 55.21N; 0.03; 160.43E; 0.03, h16km, 1km, mB5.1/85, P=1.958/855, mB5.2/228, MS4.9/55, ISC-16D, Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZV Kizimen, TUMR Tumrok, KMINR Kamnistsyaya, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR comp=E,220nm,1.0s, SKR comp=Z,670nm,1.0s, SKR comp=Z,2um,2.0s, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CN2 comp=Z,2um,14.0s, CN2 comp=Z,1um,14.0s, SPU Mount Spurr, etc.

27d 19h

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes entries like MSTX Muleshoe, U32A Winter Ranch, and Y35A Marietta.

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Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes entries like SOC Sochi, 429A Davenport Ranc, and Y35A Marietta.

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Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes entries like KRLC Kraliky, IAFJ Afjeh, and Y35A Marietta.

Table with columns: WRAB, comp-Z, 6.7nm, 1.2s, pmax, pmax, 19 41 34.3 -1.9, etc.

NEIC 27 19:31:17.9, 39.13S:174.77E, h223km, MG4.4 (WEL), After WEL

WEL 27 19:31:18.6±0.4, 39.15S:174.77E, h217km, 2km, ML4.4/23, 28C-16D, Error ellipse: s-maj=1.9km s-min=1.9km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, 19 41 34.3 -1.9, etc.

Main table with columns: KIWI, Kapiti Island, 1.72 176, Pn, Pn, 19 31 55.2 -0.5, etc.

MAN 27 19:35:49.1753N:119.57E, h0km, mb5.3, ML4.3, MS4.5, 2C-10, Philippines Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, 19 36 08.4 -1.1, etc.

KRSC 27 19:42:49.1±0.7, 55.15N:160.40E, h-3km, 5km, ML3.9, Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, 19 42 52.1 +1.5, etc.

JMA 27 19:47:19.8±0.2, 31.19N:142.94E, h62km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, 19 48 17.7 +2.2, etc.

ISCJTB 27 19:47:23.7±0.5, 18.8S:0.1, h246km, mb3.9/13, Error ellipse: s-maj=14.4km s-min=14.1km

ISC 27 19:47:28.6±0.1, 18.73S:169.54E, h280km, 15km, mb3.7/14, mb1 3.9/16, mb1mx3.7/32, mbtmp4.4/16, Error ellipse: s-maj=16.2km s-min=14.9km az=169.0

ISC 27 19:47:24.5±0.6, 18.8S:0.1, h246km, n28, r121/27, mb4.0/13, 2C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, 19 48 38.9 +6.6, etc.

1355

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LGNR Loginova, CIRR Tsirk, KRSR Krestovskiy, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPA South Pole, IDC 27 21:49:42.3,2,5, etc.

27d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, STHS Stebnicka Uha, KOLS Kolonicke sedl, etc.

mb4.6/13,mb5.2/7,MLV4.6/15,Mw(mB)4.7/7
ISC 28 01:15:13.8,0.5,7,03a,0.05:129.43E,0.06,h200km,n52,
e130/52,mb3.9/3,Banda Sea

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

Table with columns: MTW, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data.

Table with columns: OTVZ, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data.

ISC 28 01:22:08.2,0.6,40.73S,175.47E,h0km,mb4.6/11,
mb1.4/7.13,mb1mx4.4/34,mbtmp4.6/13,ML3.9/2,MS4.1/21,
Ms1.4/2.21,ms1mx4.0/34,Error ellipse: s-maj=17.8km
s-min=13.5km az=116.0

ISCJB 28 01:22:11.3,0.2,40.94S,0.02:175.59E,0.03,h33km,
mb4.8/19,MS4.2/20,Error ellipse: s-maj=3.8km
s-min=2.0km az=39.3

BUI 28 01:22:11.5,41.00S,175.80E,h56km,mb5.5/9,mb5.6/5,
Ms5.1/4,Ms7.4/7.5

NEIC 28 01:22:13.2,40.88S,175.53E,h26km,mb4.9/11,
ML5.2(WEL),After WEL.

NEIC Felt [V] at Carterton and Masterton and [IV] in the
Wanganui-Palmerston North-Wellington Area. Felt
throughout the southern part of the North Island.

WEL 28 01:22:13.1,0.1,40.88S,175.55E,h25km,1km,ML5.3/68,
Error ellipse: s-maj=1.1km s-min=0.7km az=90.0,reported
intensity MM 6.

WEL Felt from Waikato to Wellington, and from Nelson to
Hawke's Bay, maximum.

AUST 28 01:22:14.5,2.0,40.92S,175.29E,h34km,1km,Error
ellipse: s-maj=2.5km s-min=1.1km az=279.0

ISC 28 01:22:14.0,0.7,40.88S,0.02:175.54E,0.02,h28km,4km,
n279,e192/251,mb4.8/19,MS4.2/20,22C-20D,North
Island

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

Table with columns: MTW, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data.

Table with columns: OTVZ, Station Name, Az, Phase ID, Op, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data.

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SAO	comp=Z,2.8nm,1.3s	39.24	92	eP	P	P	01	32	10.4	-0.8
SAO	San Andreas Ge	39.24	92	eP	P	P	01	32	10.4	-0.8
LRM	Limelkin Ridge	39.46	74	eP	P	P	01	32	16.0	+2.7
HLID	Hailey	39.51	78	P	P	P	01	32	12.6	-1.1
LRV	Little Rabbit	39.72	92	eP	P	P	01	32	15.4	+0.1
MCMT	McKenzie Canyo	39.75	76	eP	P	P	01	32	16.2	+0.4
MCMT	McKenzie Canyo	39.75	76	eP	P	P	01	32	29.8	-0.9
EGMT	Eagleton	39.91	70	P	P	P	01	32	15.4	-1.4
BOZ	Bozeman (W)	40.04	74	P	P	P	01	32	17.0	-1.0
NVAR	Mina Array Bea	40.13	87	P	P	P	01	32	20.5	+1.6
NVAR	comp=Z,0.3nm,0.5s,baz=303,slow=6.6,SNR=3.5									
NVAR	comp=Z,1.4nm,0.6s,baz=298,slow=7.8,SNR=8.6									
NVAR	comp=Z,1.2nm,0.6s,baz=305,slow=2.8,SNR=8.5									
QLMT	Earthquake Lak	40.60	75	eP	P	P	01	32	24.0	+1.3
ELK	Elko	40.62	82	eP	P	P	01	32	24.0	+1.0
ELK	comp=Z,2.0nm,0.8s									
ELK	Elko	40.62	82	eP	P	P	01	32	24.0	+1.0
YMR	comp=Z,1.8nm,0.8s									
YMR	Madrid River	40.97	75	eP	P	P	01	32	27.0	+1.3
YNR	Norris Junction	41.11	74	eP	P	P	01	32	28.9	+1.9
GCMT	Greyhiff	41.12	73	eP	P	P	01	32	28.0	+1.1
VES	Vestal, Richgr	41.29	91	P	P	P	01	32	27.8	-0.4
H17A	Grant Village	41.35	75	P	P	P	01	32	27.4	-1.5
H17A	Grant Village	41.35	75	eP	P	P	01	32	31.2	+2.2
HVU	Hansel Valley	41.51	79	eP	P	P	01	32	31.5	+1.3
HVU	comp=Z,2.0nm,0.7s									
HVU	Hansel Valley	41.51	79	eP	P	P	01	32	31.5	+1.3
GRAC	Grapevine Rang	41.60	88	P	P	P	01	32	30.3	-0.5
RLMT	Red Lodge	41.72	73	P	P	P	01	32	31.4	-0.5
RLMT	Red Lodge	41.72	73	eP	P	P	01	32	32.9	+1.0
ISA	Isabella	41.78	91	P	P	P	01	32	32.2	-0.2
SBC	Santa Barbara	41.82	93	P	P	P	01	32	32.4	-0.1
R11A	Troy Canyon, C	41.86	86	P	P	P	01	32	33.2	+0.2
ARVC	Arvin	41.91	92	P	P	P	01	32	33.6	+0.3
BSC	Santa Cruz Isl	42.17	94	P	P	P	01	32	35.4	0.0
OSI	Osito Adit	42.32	92	P	P	P	01	32	36.6	-0.1
TPNV	Topopah Spring	42.33	88	P	P	P	01	32	36.6	-0.3
DUG	Dugway	42.43	81	eP	P	P	01	32	38.9	+1.2
DUG	comp=Z,4.2nm,2.5s									
DUG	Dugway	42.43	81	P	P	P	01	32	37.5	-0.1
DUG	Dugway	42.43	81	eP	P	P	01	32	38.9	+1.2
EDW2	Edwards Air Fo	42.59	91	P	P	P	01	32	38.7	-0.2
LAO	LASA Array	42.65	69	P	P	P	01	32	38.1	-1.2
SNCC	San Nicolas Is	42.74	94	P	P	P	01	32	40.2	+0.2
DMGT	Dagmar	42.85	66	P	P	P	01	32	39.9	-0.9
BW06	Boulder Array	42.88	76	eP	P	P	01	32	41.9	+0.5
BW06	comp=Z,8.7nm,1.6s									
PDAR	Pinedale Array	42.88	76	eP	P	P	01	32	41.9	+0.4
PDAR	comp=Z,5.3nm,0.5s,baz=296,slow=3.9,SNR=66									
KSRS	Korea Array	42.98	274	P	P	P	01	34	32.5	+1.2
KSRS	comp=Z,2.5nm,0.8s,baz=36,slow=5.8,SNR=4.9									
KSAR	Wonju Array Be	43.01	274	P	P	P	01	34	32.5	+1.0
NLU	North Lily Min	43.03	81	eP	P	P	01	32	44.1	+1.5
NLU	Fort Churchill	43.03	49	eP	P	P	01	32	57.7	0.0
FCC	Fort Churchill	43.03	49	eP	P	P	01	32	44.0	+2.0
FCC	comp=Z,8.7nm,1.4s									
FCC	Fort Churchill	43.03	49	eP	P	P	01	32	44.0	+2.0
GSC	Goldstone	43.05	90	P	P	P	01	32	42.9	+0.3
FMP	Fort Macarthur	43.18	93	P	P	P	01	32	43.8	+0.2
A25A	Svangstu Ranch	43.22	65	P	P	P	01	32	43.0	-0.7
BFSC	Mount Baldy Ra	43.22	92	P	P	P	01	32	44.0	-0.1
O16A	Springville	43.22	80	eP	P	P	01	32	54.1	+1.0
O16A	Knox Farm, Ray	43.54	66	P	P	P	01	33	08.1	+8.8
B25A	Hector,Ludlow	43.65	90	P	P	P	01	32	44.8	-1.6
HEC	Hector,Ludlow	43.65	90	P	P	P	01	32	47.5	0.0
JNU	Nakatsue	43.99	267	P	P	P	01	32	50.2	0.0
JNU	comp=Z,1.4nm,0.9s,baz=61,slow=5.9,SNR=3.9									
GMRC	Granite Mounta	44.10	90	P	P	P	01	32	51.3	+0.1
E25A	Miller Ranch,	44.38	68	P	P	P	01	32	52.1	-1.1
PFO	Pinyon Flat Ob	44.39	91	eP	P	P	01	32	55.3	+1.8
PFO	comp=Z,2.1nm,1.8s									
PFO	Pinyon Flat Ob	44.39	91	P	P	P	01	32	53.0	-0.4
PFO	Pinyon Flat Ob	44.39	91	eP	P	P	01	32	55.3	+1.8
C26A	Wahner Farm, P	44.39	66	P	P	P	01	32	52.5	-0.6
BELC	Belle Mtn. Jos	44.41	91	P	P	P	01	32	53.0	-0.6
B27A	Peters Farms,	44.54	65	P	P	P	01	32	53.2	-1.1
D26A	Manning	44.63	67	P	P	P	01	32	53.9	-1.2
F25A	Bowman	44.67	69	P	P	P	01	32	54.7	-0.7
K22A	Casper	44.76	74	P	P	P	01	32	55.6	-0.8
C27A	Saylor Ranch,	44.78	66	P	P	P	01	32	55.4	-1.0
A28A	Rude Farm, Bot	44.82	64	P	P	P	01	32	55.9	-0.7
IRM	Iron Mountain	44.82	90	P	P	P	01	32	56.3	-0.5
MONP	Monument Peak	44.89	92	P	P	P	01	32	56.9	-0.7
E26A	Carlson Angas	44.93	68	P	P	P	01	32	57.0	-0.6
B28A	Dugan Ranch, T	45.02	64	P	P	P	01	32	57.2	-1.0
D27A	Center	45.11	66	P	P	P	01	32	57.6	-1.3
F26A	Lodgepole	45.16	68	P	P	P	01	32	57.9	-1.5
SWSC	Sam W. Stewart	45.24	92	P	P	P	01	33	00.3	+0.2
O20A	White River Ci	45.25	78	P	P	P	01	32	59.1	-1.2
O20A	White River Ci	45.25	78	eP	P	P	01	33	01.0	+0.7
H25A	Fruitdale	45.33	70	P	P	P	01	32	59.6	-1.2
A29A	Manning Farm,	45.38	63	P	P	P	01	32	59.3	-1.7
C28A	Hausauer Farms	45.41	65	P	P	P	01	32	50.1	-1.1
E27A	Carson	45.47	67	P	P	P	01	33	00.7	-1.1
Y12C	Glythe	45.48	90	P	P	P	01	33	02.4	+0.4

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F27A	Lemmon	45.52	68	P	P	P	01	33	01.2	-1.0
G26A	Maurine	45.52	69	P	P	P	01	33	01.4	-0.9
B29A	Wagman Farm,	45.57	64	P	P	P	01	33	00.8	-1.7
D28A	Regan	45.60	66	P	P	P	01	33	01.2	-1.6
I25A	Rockford	45.60	71	P	P	P	01	33	01.8	-1.3
MDND	Maddock	45.77	64	P	P	P	01	33	02.7	-1.5
H26A	Fairpoint	45.81	70	P	P	P	01	33	03.5	-1.0
PV10	Paradox Valley	45.85	81	eP	P	P	01	33	06.7	+1.5
G27A	Dupree	45.86	69	P	P	P	01	33	03.4	-1.5
E28A	Huff	45.88	67	P	P	P	01	33	04.1	-0.9
A30A	Hoffart Farm,	45.88	63	P	P	P	01	33	03.6	-1.4
J25A	Sunshine Ranch	45.94	72	P	P	P	01	33	04.6	-1.0
I26A	New Underwood	46.11	71	P	P	P	01	33	05.4	-1.5
B30A	Myrvik Farm, E	46.14	63	P	P	P	01	33	06.1	-0.9
N23A	Red Feather La	46.16	76	P	P	P	01	33	06.1	-1.5
N23A	Red Feather La	46.16	76	eP	P	P	01	33	08.4	+0.8
H27A	Hoves	46.21	70	P	P	P	01	33	06.8	-0.9
D29A	Pettibone, Tap	46.22	65	P	P	P	01	33	06.2	-1.5
F28A	McLaughlin	46.24	67	P	P	P	01	33	06.9	-0.9
WUAZ	Wupatki	46.26	86	P	P	P	01	33	07.6	-0.7
PV01	Paradox Valley	46.29	81	eP	P	P	01	33	09.8	+1.1
J26A	Sides Ranch, S	46.41	72	P	P	P	01	33	08.3	-1.0
ULM	Lac du Bonnet	46.47	60	P	P	P	01	33	08.9	-0.6
ULM	comp=Z,1.5nm,0.4s,baz=290,slow=7.5,SNR=1.8									
E29A	Napoleon	46.48	66	P	P	P	01	33	02.3	-1.4
A31A	Linda, St. Vin	46.49	62	P	P	P	01	33	08.6	-1.1
B31A	Greenbush Farm	46.53	63	P	P	P	01	33	09.2	-0.9
I27A	Quinn	46.56	70	P	P	P	01	33	09.5	-0.8
G28A	Parade	46.62	68	P	P	P	01	33	09.5	-1.4
D30A	Buchanan	46.66	65	P	P	P	01	33	10.3	-0.8
H28A	Mission Ridge	46.80	69	P	P	P	01	33	11.4	-0.8
F29A	Eureka	46.80	67	P	P	P	01	33	10.8	-1.4
C31A	Landman Farms,	46.84	64	P	P	P				

28d 1h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S32A Newby Ranch, P34A Walnut Farm, J38A Wedel Dairy, etc.

2010 NOV

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TUL1 Tulsa, 231A Bronte, Z33A Wheeler Ranch, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKTO Aktyubinsk, KKM Kota Kinabalu, CMAR Chiang Mai Arr, etc.

Technical notes and coordinates for stations: IDC 28 01:40:12.0, 3.0, 36.23N; 71.06E, I126km; 25km, mb3.6/13, mb1.3/8/19, mb1mx3.5/59, mbtmp4.1/19, MS3.5/2, Ms1.3/6/2, ms1mx2.7/49, Error ellipse: s-maj=19.9km, s-min=15.2km az=12.0, ISCBJ 28 01:40:14.0, 0.0, 3.0, 36.49N; 0.02; 71.09E; 0.06, h150km, mb3.6/12, Error ellipse: s-maj=6.5km s-min=3.0km az=163.1, NNC 28 01:40:21.7, 1.6, 36.97N; 71.12E, h185km; 15km, mb3.7, mpv4.8, Error ellipse: s-maj=14.3km s-min=10.9km az=47.0, ISC 28 01:40:14.9, 0.5, 36.56N; 0.05; 71.01E; 0.06, h150km, n65, c2:13/69, mb3.8/12, 13C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Op, ISC, h, m, s, Res. Includes stations like CEP Cherat, CHCP Chirah Chowk, KMBK Khama Mbege, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res. Includes stations like DMN Daman, KKN Kakani, AB31 Akbulak array, etc.

WEL 28 01:45:17.0±0.1, 40.85S×175.52E, h27km±1km, ML3.6/37, 6C-12D, Error ellipse: s-maj=1.0km s-min=0.8km

az=90.0, Intensity MM 5.5, North Island

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res. Includes stations like HOWZ Holdsworth Sta, MRZ Mangatainoka R, etc.

Table with columns: PKVZ Pokaka, WHVZ Whangaeu Hut, DRVZ Dome Shelter, etc. Includes station codes and names.

IDC 28 02:01:08.1±20.0, 24.00S-179.88E, h543km±230km, mb3.3/5, mb1 3.5/5, mb1mx3.0/3.3, mbtmp4.2/5, Error ellipse: s-maj=200.1km s-min=60.6km az=154.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res. Includes stations like CTA Charters Tower, ASAR Alice Springs, etc.

AUST 28 02:06:07.4, 3.38S×131.57E, h0km, ISCJB 28 02:06:08.4, 0.8, 3.46S, 0.06:131.44E, 0.07, h24km, Error ellipse: s-maj=10.2km s-min=8.1km az=6.3

DJA 28 02:06:13.2, 0.3, 3.3, 3.13°E, h13km, M3.36, MLv3.3/6, ISC 28 02:06:11.1, 0.9, 3.42S, 0.07:131.36E, 0.06, h24km, n8, e1939/11, Irian Jaya region

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res. Includes stations like FAKI Fak Fak, BNDI Bandanaira, etc.

BGR 28 02:08:31.2, 19.67S×177.63W, h33km, ISCJB 28 02:09:37.5, 0.3, 17.90S, 0.06:178.02W, 0.06, h590km, mb4.5/5, Error ellipse: s-maj=9.6km s-min=5.0km

IDC 28 02:09:40.1±1.5, 17.94S×177.96W, h611km, 18km, mb3.7/17, mb1 3.9/19, mb1mx3.7/4.2, mbtmp4.7/19, Error ellipse: s-maj=18.2km s-min=10.0km az=153.0

BUI 28 02:09:40.2, 17.59S×177.83W, h617km, mb4.7/13, mb4.8/5

AUST 28 02:09:40.0±10.0, 18.05S×177.55W, h641km±1km, Error ellipse: s-maj=2.8km s-min=2.4km az=237.0

NEIC 28 02:09:41.4, 0.7, 17.98S×178.02W, h628km±9km, mb4.6/45, Error ellipse: s-maj=10.8km s-min=6.6km az=146.0

ISC 28 02:09:38.5±0.4, 17.93S±0.09:177.97W±0.08, h590km, n184, e1903/180, mb4.5/5, 21C-5D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, P, Res, Time, Res. Includes stations like MSFV Nonavsu, AFI Afiamalu, etc.

Table with columns: CAN Canberra, PMG Port Moresby, CMSA Cobar Meteorol, etc. Includes station codes and names.

28d 2h

Table with columns: YKA, Station Name, Az, El, P, Code, Time, Res. Includes stations like Yellowknife Ar, TKM2, ERKS, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like FAKI, FAKI, SIJI, etc.

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Table with columns: MTN, Station Name, Az, El, P, Code, Time, Res. Includes stations like Manton Dam, LKWI, etc.

ISC/JB 28 02:19:41.6, 0.4, 36.53N, 0.03:71.29E, 0.05, h114km, mb3.7/12, Error ellipse: s-maj=6.3km s-min=4.0km az=144.1

ICD 28 02:19:41.9, 3.2, 36.40N, 71.36E, h114km, 27km, mb3.6/11, mb1.3/7.17, mb1mx3.5/65, mbmtmp4.1/17, MS3.7/1, Ms1.3/8.1, ms1mx2.6/42, Error ellipse: s-maj=21.7km s-min=15.7km az=8.0

NNC 28 02:19:50.9, 2.8, 37.14N, 71.33E, h152km, 34km, mb3.5, mpv4.4, Error ellipse: s-maj=24.7km s-min=16.1km az=31.0

ISC 28 02:19:42.6, 0.6, 36.65N, 0.06:71.33E, 0.06, h114km, n54, z=206/62, mb3.9/12, 9C-8D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like AML, MNAS, UCH, etc.

Table with columns: TAPN, Station Name, Az, El, P, Code, Time, Res. Includes stations like Taplejung, ODAN, AKTO, etc.

NEIC 28 02:46:00.1, 0.35:61N, -97.25W, h2km, MN3.2, After TUL. NEIC Felt [V] at Jones and [I] at Arcadia, Choctaw, Edmond and Oklahoma City. Also felt at Luther, Newalla, Stillwater, Tulsa and Wellston.

ISC 28 02:46:00.1, 0.6, 35.60N, 0.02:97.24W, 0.01, h9km, 5km, n123, r165/160, Oklahoma

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like OK001, OK005, etc.

Table with columns: Y36A, U37A, Y33A, X32A, Y37A, V31A, X38A, W31A, Z35A, W38A, Z34A, Y32A, Z36A, X31A, U38A, S36A, S32A, Z33A, Y38A, R34A, V30A, S37A, U30A, Z32A, R36A, Y39A, I34A, MIAR, MIAR, MIAR, Q34A, R37A, Q35A, Q33A, KSU1, KSU1, ABTX, ABTX, WHTX, WHTX, AMTX, AMTX, CBKS, CBKS, 237A, 233A, P34A, UALR, UALR, Q30A, 232A, P31A, P36A, 332A, MSTX, MSTX, Z28A, 331A, 432A, HBAR, HBAR, CCM, CCM, KSCO, KSCO, JCT, JCT, 534A, 431A, N37A, BGNE, BGNE, BGNE, N29A, 430A, GNAR, GNAR, T25A, T25A, M31A, M31A, SLM, SLM, OGNE, OGNE, SDCO, SDCO, SDCO, SDCO, Q24A, ANMO, ANMO, ISCO, ISCO, BNM, BNM, BNM

Table with columns: OLIL, S22A, USIN, ECSD, ECSD, LAZ, TX31, TX31, ISCJB, IDC, NEIC, DJA, Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC

Table with columns: WRA, WRA, WRKA, KNRA, FITZ, FITZ, MEEK, QSPA, MAW, MAW, KSW, KSW, KSAR, PETK, USRK, NVAR, DUG, PDAR, ILAR, INK, EKSZ, ARCES, FINES, GNI, NB2, NOA, AKASG, KIEV, BRTR, CSS, CSS, CLL, MORC, GERES, GERES, TORD, TORD, Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC

28d 3h

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like W36A, V36A, U33A, etc.

NEIC 28 03:28:43.0, 35°61N, 97°24W, h2km, MN3.5, After TUL.
NEIC Felt at Jones
ISC 28 03:28:42.7, 1.0, 35°62N, 0°02-97°23W, 0.02, h6km, gkm, m69, c1565/114, Oklahoma

2010 NOV

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like V34A, V35A, W35A, etc.

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Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SDCO, ANMO, Oliney, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like TX31, SWET, WVT, MNXT, WCI, MAW, MAW, CCM, LIC, TIC, KIC, DBIC, ANMO, SDCO, BOSA, DUG, PDAR, NVAR, TOAD, TORO, TORO, TORO, LSZ, ESDC, WRA, BRTR, AKASG, H11S2, H11S1, H11S3, ABKAR, BRVK, KKAR, IPM, KULM, EK52, AAK, TKM2, KSH, KSH, KSH, KSH, ZALV, ZALV, MKAR, WMQ, HHC, WRA, ASAR, STKA, SONM, MKAR, ZALV.

ISK 28 03:44:14.6, 38'43N, 27'97E, h14km, MD2.2
ISCJB 28 03:44:15.4, 0.8, 38'42N, 0.05, 27'92E, h10km, Error ellipse: s-maj=3.3km, s-min=5.3km, az=39.3
CSEM 28 03:44:15.4, 0.3, 38'41N, 27'92E, h15km, MD2.2, Error ellipse: s-maj=9.0km, s-min=6.3km, az=142.0
DDA 28 03:44:17.7, 38'36N, 28'06E, h7km, MD2.6
ISC 28 03:44:15.1, 1.0, 38'42N, 0.04, 27'96E, h10km, n12, c054/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations: DEMI, DEMI, DEMI, DEMI, BALB, BALB, BUC, GZUR, GZUR, GZUR, GZUR, LOT, LOT, BZS, BZS, SIRR, SIRR, SUR, BOS, BOS, LBTB, LBTB, MAW, MAW, MATP, MATP, SNA, SNA, SNA, SNA, LSZ, LSZ, QSPA, QSPA, KMBO, VVDA, VVDA, H10S2, H10S1, H10S3, DBIC, TROA, TROA, TORO, TORO, PLCA, CPUR, STKA, STKA, ASAR, WRA, BRTR, KEST, CMAR, IZC, NEIC, ISC, ISC, ISC, KULM, PALK, PALK, CMAR, RAMM, TAPN, PKI, GKN, KOLN, KKM, H0S5, H0S2, H0S1, TKM2, AAK, EK52, MKAR, KKAR, SONM, ZALV, ABKAR.

ISCJB 28 04:21:53.0, 0.5, 47'42S, 0'08, 32'3E, 0'2, h10km, mb3.9/14, MS3.6/13, Error ellipse: s-maj=20.9km, s-min=9.6km, az=163.1
IDC 28 04:21:53.0, 0.7, 47'45S, 32'59E, h0km, mb3.9/12, mb1.4/1/13, mb1mx3.4/0.77, mbtmp4.0/13, ML3.8/1, MS3.6/14, Ms1.3/6/14, ms1mx3.5/2.8, Error ellipse: s-maj=32.1km, s-min=15.3km, az=73.0
NEIC 28 04:21:54.9, 0.6, 47'43S, 32'40E, h10km, mb4.2/3, Error ellipse: s-maj=22.7km, s-min=10.8km, az=71.0
ISC 28 04:21:54.9, 0.7, 47'42E, 0'10, 32'4E, 0'2, h10km, n25, c1921/17, mb4.0/14, MS3.6/13, Prince Edward Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations: WRA, WRA, WRAB, ASAR, ASAR, KMBO, COEN, BRTR, GERES, CPUR, IDC, FITZ, FITZ, WRA, ASAR, CMAR, STKA, H0S2, H0S3, H0S1, SONM, IDC, MCAD, ATA, OBO, TDD, ATD, ATD, ATD, GBR, FUR, FUR, FUR, KMB, EIL, ASF, ASF, MMAL, MMAL, GEYT, BRTR, BRTR, LSZ, KBZ, MATP, MLR, LEST, LBTB, AKASG, AKASG, TORO, TORO, TORO, BOSA, BVAR, MKAR, MKAR, ZALV, ZALV, CMAR, NOCS, ARO, SONM, WRA, PETK, TXAR, ISCJB, SJA, GUC, ISC.

ISCJB 28 05:21:29.0, 0.1, 34'25S, 0'05, 70'93W, 0'08, h91km, 9km, Error ellipse: s-maj=1.3km, s-min=6.6km, az=33.3
SJA 28 05:21:29.0, 0.3, 34'23S, 70'76W, h69km, 7km, MD3.6
GUC 28 05:21:29.0, 0.5, 34'24S, 70'91W, h91km, 4km, ML4.1
ISC 28 05:21:30.4, 1.8, 34'25S, 0'06, 70'92W, 0'07, h79km, 14km, n16, c084/24, Chile-Argentina border region

28th 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHCH Chadas Angostu, LNV Longavio, ANTU Antupapu, etc.

ISCJB 28 05:33:09.8, 0.3, 1.94N, 0.03, 127.23E, 0.04, h112km, mb4.2/12, Error ellipse: s-maj=5.2km s-min=4.2km az=153.7

IDC 28 05:33:10.6, 2.3, 1.92N, 127.29E, h108km, 20km, mb3.9/10, mb1.4/0.12, mb1mx3.8/37, mbtmp4.2/12, MS3.3/1, Ms1.3/2.1, ms1mx2.4/31, Error ellipse: s-maj=32.1km s-min=11.6km az=74.0

NEIC 28 05:33:11.0, 0.8, 1.92N, 127.34E, h115km, 8km, mb4.2/3, Error ellipse: s-maj=12.2km s-min=6.6km az=72.0

AUST 28 05:33:13.9, 1.50N, 127.50E, h100km, DJA 28 05:33:17.9, 0.4, 2.2N, 131.12E, h64km, 11km, M4.5/16, mb4.7/9, mb4.9/4, MLv4.5/16, Mw(mb)4.2/4

ISC 28 05:33:11.4, 0.5, 1.91N, 127.22E, 0.06, h112km, n62, c1939/74, mb4.0/12, Malhera

Main station list table for 28th 6h, including stations like TNTI Ternate, SGSI Sangihe, LBMI Labuha, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAMN Ramite, GUN Gumba, DMN Daman, etc.

WEL 28 06:06:11.2, 0.3, 3.38S, 175.78E, h168km, 2km, ML3.7/12, 14C-2D, Error ellipse: s-maj=2.5km s-min=2.2km az=0.0, North Island

Main station list table for 2010 NOV, including stations like MRHZ Matea Rd, KRZV Karewarewa, TWZV West Tongariro, etc.

GUC 28 06:51:15.4, 0.5, 18.41S, 69.30W, h140km, 4km, ML3.6, 1D, Northern Chile

Main station list table for GUC 28 06:51:15.4, including stations like MNMC Minimini, PB11 IPOC Station P, etc.

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Main station list table for 1366, including stations like PFVI Vila Bisbo, PFVI Vila Bisbo, PTEO Sao Teotonio, etc.

IDC 28 06:59:06.9, 0.7, 4.04S, 122.52E, h0km, mb4.2/11, mb1.4/3.15, mb1mx4.1/40, mbtmp4.2/15, ML3.6/4, MS3.5/6, Ms1.3/6.6, ms1mx3.1/34, Error ellipse: s-maj=26.0km s-min=13.6km az=63.0

NEIC 28 06:59:08.3, 0.3, 4.00S, 122.58E, h10km, mb4.3/3, Error ellipse: s-maj=10.0km s-min=5.7km az=72.0

NEIC Felt [III] at Kendari, ISCJB 28 06:59:09.4, 0.5, 4.04S, 0.02, 122.53E, 0.02, h27km, 4km, mb4.2/13, MS3.5/4, Error ellipse: s-maj=4.2km

DJA 28 06:59:09.7, 0.2, 4.5S, 112.2E, h17km, 3km, M4.4/23, mb4.5/8, mb5.0/1, MLv4.2/3, Mw(mb)4.4/1

AUST 28 06:59:09.2, 3.50S, 122.50E, h60km, ISC 28 06:59:10.0, 1.1, 4.04S, 122.48E, 0.03, h18km, 4km, n57, c192/65, mb4.3/13, MS3.5/4, Sulawesi

Main station list table for 1366, including stations like KDI Kendari, BBSI Bau Bua, BNSI Bone, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALU, MARISSA, MAUMERE, NAMUEA, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NICH LOS NICHES, TACH TALAGANTE, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBO OBOCK, MCAD MOUCHA, etc.

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

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

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

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

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

237A	Pogue Cattle C	18.99 354	P	P	07 40 12.8 +0.8
133A	Hamilton Ranch	19.00 345	P	P	07 40 13.4 +1.3
236A	Blue Ridge	19.16 352	P	P	07 40 14.3 +0.4
ABTX	Ablene, Hawle	19.20 343	P	P	07 40 15.2 +0.8
ABTX	Ablene, Hawle	19.20 343	eP	P	07 40 15.3 +0.8
TIGA	Tifton	19.27 26	P	P	07 40 13.8 -1.2
TIGA	Tifton	19.27 26	eP	P	07 40 13.9 -1.2
229A	Bryant Ranch,	19.30 337	P	P	07 40 16.6 +1.1
Z35A	Percheven, San	19.34 350	P	P	07 40 16.3 +0.4
131A	Roby	19.46 342	P	P	07 40 18.3 +1.0
Z34A	Collier Ranch,	19.51 348	P	P	07 40 18.6 +0.9
LRAL	Lakeview Retre	19.55 16	eP	Pn	07 40 21.9 +2.5
130A	Snyder	19.58 340	P	P	07 40 19.6 +1.1
Z33A	Whitaker Ranch	19.61 346	P	P	07 40 19.6 +0.8
Y38A	Lockesburg	19.62 358	P	P	07 40 19.2 +0.3
Y39A	Idabel	19.64 356	P	P	07 40 19.3 +0.2
228A	UT Block 9, Go	19.73 336	P	P	07 40 21.5 +1.2
Y36A	Durant	19.76 353	P	P	07 40 21.2 +0.7
Y37A	Hugo	19.76 354	P	P	07 40 21.2 +0.8
Z32A	Hasket	19.80 344	P	P	07 40 22.0 +1.1
Y35A	Marietta	19.87 351	P	P	07 40 22.3 +0.6
129A	Stewart Farms,	19.92 338	P	P	07 40 23.5 +1.2
Z31A	Sharp Cattle R	19.99 343	P	P	07 40 24.1 +1.0
128A	Castleberry Fa	20.14 337	P	P	07 40 25.7 +1.0
MIAR	Mount Ida	20.21 359	P	P	07 40 25.1 -0.3
MIAR	Mount Ida	20.21 359	eP	P	07 40 25.3 -1.9
Z30A	Sanderson Ranc	20.26 341	P	P	07 40 26.7 +0.7
Y33A	Hilltop Ranch,	20.27 347	P	P	07 40 26.6 +0.6
X37A	Clayton	20.34 355	P	P	07 40 27.6 +0.7
X35A	Drake	20.34 351	P	P	07 40 27.8 +0.9
X38A	Whitesboro	20.38 356	P	P	07 40 27.3 +0.1
CLNB	Carlsbad	20.40 333	eP	P	07 40 29.3 +1.8
X36A	Centrahoma	20.43 353	P	P	07 40 28.0 +0.2
Z29A	Hungry Hill Ra	20.43 339	P	P	07 40 28.3 +0.5
UALR	University of	20.45 2	eP	P	07 40 28.9 +0.9
Y32A	R-V Farms, Ver	20.45 345	P	P	07 40 28.5 +0.5
OXF	Oxford	20.47 9	eP	P	07 40 28.3 +0.1
OXF	Oxford	20.47 9	eP	sP	07 40 33.6 +1.3
MNTX	Cornudas Mount	20.62 329	eP	P	07 40 31.1 +1.2
MNTX	Cornudas Mount	20.62 329	eP	P	07 40 30.7 +0.8
Y31A	Rekieta Farm,	20.63 343	P	P	07 40 30.7 +0.7
X34A	Smith Ranch, M	20.68 349	P	P	07 40 31.2 +0.6
Z28A	Tucker Farm, M	20.70 338	P	P	07 40 31.4 +0.6
Y30A	Stafford Cattl	20.74 342	P	P	07 40 32.2 +1.0
X33A	Lawton	20.76 348	P	P	07 40 31.8 +0.5
W38A	Poteau	20.77 357	P	P	07 40 31.9 +0.5
X32A	Elmer	20.82 346	P	P	07 40 32.9 +1.0
ROSC	El Rosal	20.84 115	P	P	07 40 31.4 -1.4
ROSC	El Rosal	20.84 115	eP	P	07 40 34.8 +2.0
W36A	Wetumka	20.97 353	P	P	07 40 34.2 +0.6
WMOK	Wichita Mounta	21.00 347	eP	P	07 40 34.3 +0.3
GOGA	Godfrey	21.05 23	eP	P	07 40 33.0 -1.4
CPRX	Cap Rock	21.05 334	eP	P	07 40 35.7 +1.1
W35A	Tecumseh	21.07 352	P	P	07 40 35.2 +0.5
X31A	McDonald Ranch	21.19 344	P	P	07 40 36.5 +0.5
X30A	Coker Ranch, T	21.26 342	P	P	07 40 37.5 +0.7
W34A	Bridge Creek,	21.29 350	eP	P	07 40 37.2 +0.1
W33A	Caddo, Fort Co	21.34 348	P	P	07 40 38.2 +0.6
MSTX	Muleshoe	21.45 338	P	P	07 40 39.8 +0.9
MSTX	Muleshoe	21.45 338	eP	P	07 40 38.5 -0.5
W32A	Sentinel	21.48 346	P	P	07 40 39.7 +0.6
V38A	Canehill	21.55 357	P	P	07 40 40.1 +0.3
V36A	Jenks	21.58 354	P	P	07 40 40.5 +0.3
V37A	Hulbert	21.61 356	P	P	07 40 41.1 +0.6
V35A	Meyer Ranch, C	21.66 352	P	P	07 40 42.1 +1.0
TUL1	Tulsa	21.69 354	P	P	07 40 42.0 +0.6
TUL1	Tulsa	21.69 354	eP	P	07 40 41.8 +0.4
V34A	Guthrie	21.84 351	P	P	07 40 43.6 +0.7
V34A	Guthrie	21.84 351	eP	P	07 40 42.2 -0.7
AMTX	Amarillo	21.91 341	P	P	07 40 45.0 +1.2
AMTX	Amarillo	21.91 341	eP	P	07 40 43.8 0.0
V33A	Lossen Ranch,	21.95 349	P	P	07 40 45.1 +0.9
HSIG	Gravette	22.02 315	eP	pP	07 40 46.9 +1.9
HSIG	Gravette	22.12 358	eP	P	07 40 46.4 +0.4
U37A	Salina	22.13 356	P	P	07 40 46.6 +0.5
U36A	Oologah	22.16 355	P	P	07 40 46.9 +0.4
V31A	Spring Creek L	22.24 346	P	P	07 40 48.2 +0.9
U35A	Pawnee	22.25 353	P	P	07 40 47.7 +0.3
WVT	Waverly	22.32 12	eP	P	07 40 48.7 +0.5
U34A	Anderson Ranch	22.43 351	P	P	07 40 49.9 +0.6
V30A	Spur Ranch, Mi	22.44 344	P	P	07 40 50.3 +0.8
U33A	Lingo Farm, Me	22.52 350	P	P	07 40 50.8 +0.6
121A	Cookes Peak, D	22.52 326	P	P	07 40 51.7 +1.2
PBMO	Poplar Bluff	22.58 6	eP	P	07 40 49.3 -1.5
U32A	Winter Ranch,	22.63 348	P	P	07 40 52.3 +0.8
T35A	Sooner Cattle	22.76 353	P	P	07 40 53.4 +0.6
SDV	Santo Domingo	22.78 101	P	P	07 40 49.7 -3.7
SDV	Santo Domingo	22.78 101	eP	P	07 40 51.9 -1.5
U31A	Nine Bar Ranch	22.81 346	P	P	07 40 53.8 +0.5
T37A	Cheneyville 18	22.83 357	P	P	07 40 53.3 -0.3
T36A	Boggs Farm, C	22.84 355	P	P	07 40 53.7 0.0
T34A	McClaskey Farm	22.95 352	P	P	07 40 54.9 +0.1
TKL	Tuckaleechee C	22.96 20	P	P	07 40 52.0 -2.9
U30A	WK&E Inc. Balc	23.16 345	P	P	07 40 57.8 +0.8
BNM	Barren Site	23.23 331	eP	P	07 40 59.8 +1.9
U29A	Oasis Ranch, S	23.25 343	P	P	07 40 58.6 +0.7
S37A	Fort Scott	23.46 357	P	P	07 41 00.6 +0.7
T31A	Randall Ranch,	23.47 347	P	P	07 41 01.0 +0.9
S36A	Lake Cedric, C	23.47 355	P	P	07 41 00.5 +0.4
S35A	Otter Creek Ra	23.50 354	P	P	07 41 00.7 +0.3
T30A	Plains	23.62 345	P	P	07 41 01.8 +0.2
LAZ	Ladron	23.67 330	eP	P	07 41 03.2 +0.9
CCM	Cathedral Cave	23.78 4	eP	pP	07 41 00.6 -2.5
ANMO	Albuquerque	23.80 332	P	P	07 41 03.2 -0.4
ANMO	Albuquerque	23.80 332	eP	P	07 41 04.2 +0.6
S32A	Newby Ranch, P	23.90 349	P	P	07 41 04.8 +0.5
T29A	Hugoton	23.92 344	P	P	07 41 04.7 +0.2
R37A	Teagarden Farm	24.01 357	P	P	07 41 05.0 -0.3
R36A	Gordon, Harris	24.06 356	P	P	07 41 06.1 +0.4
TUC	Tucson	24.08 321	eP	P	07 41 07.6 +1.5
R35A	Emporia Munic	24.12 354	P	P	07 41 06.2 -0.1
S30A	Montezuma	24.17 346	P	P	07 41 07.5 +0.6
S29A	Ulysses	24.31 345	P	P	07 41 08.7 +0.5
S28A	Mantler	24.49 343	P	P	07 41 10.0 +0.2
Q37A	Longview Farm,	24.55 358	P	P	07 41 10.2 0.0
R32A	Long Quarter,	24.56 350	P	P	07 41 10.5 +0.1
R31A	Burdett	24.56 348	P	P	07 41 11.2 +0.6
Q35A	Mercer Cighthly	24.64 355	P	P	07 41 11.1 +0.1
WCI	Wyandotte Cave	24.67 13	eP	P	07 41 10.6 -0.8
R30A	Dighton	24.74 347	P	P	07 41 12.7 +0.7
Q34A	Chapman	24.79 353	P	P	07 41 12.8 +0.3
T25A	Trinidad	24.88 338	P	P	07 41 13.6 +0.1
T25A	Trinidad	24.88 338	eP	P	07 41 14.4 +0.9
KSU1	Kansas State U	24.93 354	P	P	07 41 13.5 -0.2
KSU1	Kansas State U	24.93 354	eP	P	07 41 11.8 -1.9
R29A	Marienthal	25.07 345	P	P	07 41 15.8 +0.7
Q32A	Mettler Ranch,	25.09 350	P	P	07 41 15.3 +0.2
214A	Organ Pipe Nat	25.11 318	P	P	07 41 16.5 +1.1
CBKS	Cedar Bluff	25.13 348	P	P	07 41 16.4 +0.8
R28A	Tribune	25.17 344	P	P	07 41 16.4 +0.4
Q31A	Ellis	25.25 349	P	P	07 41 17.0 +0.4
P35A	Duane Minner,	25.30 355	P	P	07 41 17.3 +0.2
P36A	Good Intent, A	25.33 356	P	P	07 41 17.5 +0.2
Q30A	Quinter	25.39 347	P	P	07 41 18.6 +0.7
P34A	Walnut Farm, R	25.40 354	P	P	07 41 17.9 0.0
Q29A	Oakley	25.48 346	P	P	07 41 19.1 +0.3
W18A	Petrified Fore	25.54 327	P	P	07 41 20.2 +0.7
P32A	Hulting Farm,	25.71 350	P	P	07 41 21.1 +0.3
P31A	Stockton	25.75 349	P	P	07 41 21.7 +0.5
O38A	Gall	25.78 360	P	P	07 41 21.5 +0.2
SDCO	Great Sand Dun	25.81 337	P	P	07 41 22.6 +0.6
SDCO	Great Sand Dun	25.81 337	eP	P	07 41 22.6 +0.6
O36A	Bolelow	25.83 357	P	P	07 41 22.0 +0.2
Q37A	Wolven Farm, M	25.83 358	P	P	07 41 22.3 +0.4
Q28A	Sharon Springs	25.85 345	P	P	07 41 22.1 0.0
P30A	Selden	25.94 348	P	P	07 41 23.0 +0.1
O34A	Beatrice	26.01 354	P	P	07 41 23.4 0.0
KSCO	Kaye Shedlock'	26.02 343	P	P	07 41 23.8 +0.1
KSCO	Kaye Shedlock'	26.02 343	eP	P	07 41 24.1 +0.4
O35A	Humboldt	26.02 355	P	P	07 41 23.3 -0.2
P29A	Atwood	26.15 346	P	P	07 41 24.8 0.0
O32A	Brockman Farm,	26.29 351	P	P	07 41 26.2 +0.2
P28A	Saint Francis	26.32 345	P	P	07 41 26.4 0.0
S22A	4UR Ranch, Cre	26.33 335	P	P	07 41 27.2 +0.4
S22A	4UR Ranch, Cre	26.33 335	eP	P	07 41 27.2 +0.4
O31A	Woolen Ranch,	26.35 349	P	P	07 41 27.1 +0.5
N37A	Lee Faris, Mou	26.43 358	P	P	07 41 27.3 +0.1
HDIL	Hopedale	26.44 7	P	P	07 41 27.1 -0.2
N38A	Joess South For	26.45 0	P	P	07 41 27.4 0.0
SFIN	Scholer Farm	26.58 11	P	P	07 41 28.0 -0.6
O29A	4D Ranch, Culb	26.62 347	P	P	07 41 29.0 0.0
WUAZ	Wupatki	26.72 326	P	P	07 41 31.2 +1.0
N32A	Stuken Farm,	26.78 351	P	P	07 41 30.9 +0.4
O28A	Krutsinger Ran	26.84 345	P	P	07 41 31.1 +0.1
M37A	Trindle Farm,	27.07 359	P	P	07 41 32.9 -0.1
M38A	Pleasantville	27.07 0	P	P	07 41 33.4 +0.4
PV01	Paradox Valley	27.40 333	eP	P	07 41 36.9 +0.7
M31A	Lambrecht Ranch	27.45 351	P	P	07 41 37.3 +0.8
ISCO	Idaho Springs	27.68 339	P	P	07 41 39.4 +0.6
ISCO	Idaho Springs	27.68 339	eP	P	07 41 39.4 +0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like B35A Bob, Littleford, AGMN Agassiz Nation, LAO Lasa Array, B32A Ashes, Strandq, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIS Cerro-Chispas, ISPT Isla de la Pla, ISPT Isla de la Pla, JAMA Jama, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDAR 0.3nm,0.6s,baz=131,slow=9.7,SNR=3.7, HWUT Hardware Ranch, BGU Big Grassy Mou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISC/JB 28 07:47:59.0,9,8.6S:0.1,157.73E:0.07, h10km, mb3.6/5, M3.3/5.2, Error ellipse: s-maj=2.0,3km s-min=2.2km az=33.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCT Junction City, TX31 Lajitas Ar. Si, TX31 Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNC 28:15:22.0,1.0,4.5001N:78:57E, h0km, mb3.7,mpv3.4, 27C-6D, Error ellipse: s-maj=5.5km s-min=2.0km az=86.0, Eastern Kazakhstan, etc.

Table with columns: ID, Name, Frequency, Modulation, Power, and other technical details. Includes entries like 430A Baggett Ranch, 332A Millersview, etc.

Table with columns: ID, Name, Frequency, Modulation, Power, and other technical details. Includes entries like W34A Bridge Creek, TUL1 Tulsa, etc.

Table with columns: ID, Name, Frequency, Modulation, Power, and other technical details. Includes entries like S30A Montezuma, Q34A Chapman, etc.

28d 8h

Table with columns: ID, Name, Address, Phone, Email, Website, and other details for various ranches and properties.

2010 NOV

Table with columns: ID, Name, Address, Phone, Email, Website, and other details for various ranches and properties.

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Table with columns: ID, Name, Address, Phone, Email, Website, and other details for various ranches and properties.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Panama-Costa Rica border region like Volcan, Buena Vista, Quepos, Cerro Gallo 2.

IDC 28 10:35:22.0, 21.0, 24.11S; 179.54E, h500km, 197km, mb3.0/3, mb1 3.2/3, mb1mx2.8/30, mbtmp4.0/3, Error ellipse: s-maj=133.6km s-min=46.7km az=74.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Fiji Islands like Urewera, STKA, ASAR, WRA, AKASG, BRTR.

FUNV 28 10:37:12.7, 8.62N, 71.33W, h3km, MW3.6, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Venezuela like El Vigia, Capacho, Quebrada Arrib, Curugaria, Sanariri, Villa del Rosa, Dabjuro, Elorza, Siquisique, Macapao, El Baul.

ISCJB 28 10:44:17.8, 0.5, 38.70S; 0.04, 175.39E; 0.05, h197km, 4km, mb2.9/2, Error ellipse: s-maj=7.8km s-min=4.5km

IDC 28 10:44:17.9, 1.7, 38.49S; 174.81E, h92km, 25km, mb2.9/2, mb1 3.3/3, mb1mx3.2/20, mbtmp3.6/3, Error ellipse: s-maj=34.0km s-min=12.8km az=143.0

WEL 28 10:44:20.9, 0.3, 38.65S; 175.52E, h174km, 20km, ML4.2/22, Error ellipse: s-maj=1.6km s-min=1.2km az=90.0

NEIC 28 10:44:21.0, 38.63S; 175.52E, h172km, MG4.2(WEL), After WEL

ISC 28 10:44:16.3, 3.3, 38.67S; 0.05, 175.44E; 0.05, h201km, 7km, n215, 0.1967/227, 22.29D, North Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the North Island region like Wairara, Rangitukia, Kaahua Road, etc.

Table with columns: NEZ, North Egmont, North Egmont, Kereru, McNeill Hill, etc. Includes station names and coordinates.

ISC 28 10:45:04.2, 6.6, 142.87W, h1km, 113.0km, Ms1 3.5/3, ms1mx2.8/28, Error ellipse: s-maj=113.0km s-min=76.2km az=116.0, Near north coast of New Guinea

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the New Guinea region like Urewera, Puketiti, etc.

Table with columns: QRZ, Quartz Range, BSWZ, Blackbirch Sta, BSWZ, Blackbirch Sta, etc. Includes station names and coordinates.

ISC 28 10:46:40.8, 0.7, 37.96N; 0.03, 35.64E; 0.04, h5km, 7km, Error ellipse: s-maj=6.6km s-min=4.0km az=140.4

DDA 28 10:46:40.5, 37.97N; 35.62E, h7km, Md2.8

CSEM 28 10:46:40.5, 0.2, 37.98N; 35.67E, h5km, Md2.6, Error ellipse: s-maj=3.9km s-min=3.3km az=147.0

ISC 28 10:46:40.7, 37.93N; 35.64E, h6km, Md2.6

ISC 28 10:46:40.2, 37.99N; 0.03, 35.65E; 0.02, h0km, 12km, n24, 0.0534/1, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Turkey region like Kozan, Adana, etc.

IDC 28 10:48:47.4, 9.3, 71.5S; 145.33E, h0km, mb3.7/2, mb1 3.7/3, mb1mx3.4/30, mbtmp3.6/3, ML3.6/1, MS3.5/3, Ms1 3.5/3, ms1mx2.8/28, Error ellipse: s-maj=113.0km s-min=76.2km az=116.0, Near north coast of New Guinea

SGU 28 10:48:47.4, 9.3, 71.5S; 145.33E, h0km, mb3.7/2, mb1 3.7/3, mb1mx3.4/30, mbtmp3.6/3, ML3.6/1, MS3.5/3, Ms1 3.5/3, ms1mx2.8/28, Error ellipse: s-maj=113.0km s-min=76.2km az=116.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the New Guinea region like Sorong, Warramunga Arr, etc.

PGC 28 10:56:38.2, 0.0, 60.19N; 139.64W, h1km, ML2.0/10, 101km northeast of Yakutat, AK Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Southeastern Alaska region like Pinnacle, Peninsula, etc.

IDC 28 11:00:25.1, 1.2, 3.51N; 128.80E, h0km, mb3.7/6,

Table with columns: SVRC, SVRC, PTK, PTK, MARD, MARD, ELZG, ELZG, ELZG, ELZG. Includes station names like Sivrice-ELAZID, Pertek, Mardin, Elazig and various parameters like time, phase, and ID.

IDC 28 12:29:20.8±1.1, 42.85N±150.30E, h0km, mb3.3/5, mb1 3.5/6, mb1mx3.3/5, mbtmp3.4/6, ML3.2/1, MS2.9/1, Ms1 2.9/1, ms1mx2.2/2, Error ellipse: s-maj=34.2km s-min=26.8km az=52.0

SKHL 28 12:29:23.0±0.5, 43.09N±149.80E, h20km±2km, mb4.4/3, ISCBJ 28 12:29:25.0±0.9, 43.05N±149.77E±0.08, h35km, mb3.4/5, MS2.8/1, Error ellipse: s-maj=10.5km s-min=7.6km az=29.9

ISC 28 12:29:25.6±1.4, 43.08N±149.78E±0.09, h35km±19, ±173/16, mb3.4/5, 2C, East of Kuril Islands

Main table for 1377 containing station data for SHO, SHO, SHO, SHO, KUR, KUR, KUR, KUR, KUR, KUR, YUK, YUK, YUK, YUK, MYR, MYR, HRK, HRK, ASAJ, ASAJ, YSS, YSS, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, MKAR, KURBB, KURBB, WRA, WRA, ASAR, ASAR, TXAR, TXAR. Includes station names, coordinates, and parameters.

IDC 28 12:33:12.9±2.4, 63.32S±169.81E, h0km, mb3.5/2, mb1 4.0/4, mb1mx3.7/2, mbtmp3.6/9, ML3.7/2, MS3.6/7, Ms1 3.6/7, ms1mx3.4/4, Error ellipse: s-maj=83.1km s-min=34.4km az=90.0, Balleny Islands region

Main table for 1377 containing station data for Vnda, Vnda, RPZ, RPZ, RPZ, URZ, URZ, STKA, STKA, MAW, MAW, DZM, DZM, H01W1, H01W2, H01W3, H01W3, ASAR, ASAR, WRA, WRA, PLCA, PLCA, H08S2, H08S2, H08S1, H08S1, H08S3, H08S3, BRTR, BRTR. Includes station names, coordinates, and parameters.

IDC 28 12:33:31.7±1.9, 51.11N±175.34W, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.5/7, mbtmp3.6/9, ML3.8/1, Error ellipse: s-maj=59.4km s-min=19.3km az=3.0

NEIC 28 12:33:35.6±1.1, 51.12N±175.17W, h11km, mb3.9/5, ML3.8(AEIC), After AEIC

ISC 28 12:33:32.1±2.0, 51.12N±169.175W±0.04, h4km±11km, n37, ±9/36/36, mb4.0/7, Andean Islands region

Main table for 1377 containing station data for ETKA, GSMY, GSKC, GSKC, GSTD, GSTD, GSTR, GSTR, ATKA, ATKA, KOKF, KOKF, KOWE, KOWE, KIRH, KIRH, KIRK, KIRK, TAPA, TAPA, TAFP, TAFP. Includes station names, coordinates, and parameters.

Main table for 2010 NOV containing station data for GANE, AMKA, KADK, PMR, TRF, PAX, ILAR, COLD, DOT, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, PDAR, SONM, TXAR, KURK, KURBB, MKAR, BVAR, AAK. Includes station names, coordinates, and parameters.

GUC 28 12:34:40.7±0.5, 21.68S±68.70W, h134km±4km, ML3.7, 5C-1D, Chile-Bolivia border region

Main table for 2010 NOV containing station data for PB09, PB09, PB09, PB01, PB01, PB06, PB06, PB04, PB04, PB11, PB11, PSGC, PSGC, PSGC, MNMC, MNMC, MNMC. Includes station names, coordinates, and parameters.

ISCJTB 28 12:39:32.4±0.8, 11.15N±108.92E±50E±0.10, h26km, mb3.6/7, MS3.1/2, Error ellipse: s-maj=14.6km s-min=11.1km az=153.9

IDC 28 12:39:35.6±1.1, 11.06N±92.54E, h36km, mb3.5/7, mb1 3.7/9, mb1mx3.4/4, mbtmp3.7/9, ML3.8/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/2, Error ellipse: s-maj=35.4km s-min=15.4km az=61.0

ISC 28 12:39:35.2±0.9, 11.22N±92.50E±0.11, h26km±21, ±146/20, mb3.6/7, Andaman Islands region

Main table for 2010 NOV containing station data for CMAR, PALK, ODAN, RAMM, TAPN, PKI, PKIN, DMN, GUN, KOLN, H08S3, H08S2, H08S1, AAK, MKAR, SONM, KURBB, ZALV, ZALV, WRA, WRA, WRA, ASAR, ASAR. Includes station names, coordinates, and parameters.

MEX 28 12:44:18.0±7.0, 27.83N±111.92W, h5km, MD4.2, Gulf of California

Main table for 2010 NOV containing station data for SRIG, SRIG, HSIG, HSIG. Includes station names, coordinates, and parameters.

ISCJTB 28 13:09:41.6±1.3, 43.32N±107.146E±71E±0.08, h33km±34km, Error ellipse: s-maj=15.0km s-min=5.8km az=143.1

JMA 28 13:09:41.2±0.2, 43.28N±146.71E, h44km±3km, M2.8 SKHL 28 13:09:42.0±0.3, 43.33N±146.68E, h29km±1km, mb4.1/1

ISC 28 13:09:41.8±2.0, 43.32N±107.146E±71E±0.09, h27km±14km, n11, ±0/55/19, 1C-1D, Kuril Islands

Main table for 2010 NOV containing station data for SHO. Includes station names, coordinates, and parameters.

Main table for 28d 13h containing station data for SHO, SHO, NEM2, NEM2, YUK, YUK, YUK, YUK, JRA, JRA, JNK, JNK, JAK, JAK, KUR, KUR, KUR, JTKR, JTKR, JAR, JAR, JCH, JCH, YSS, YSS. Includes station names, coordinates, and parameters.

ISCJTB 28 13:13:24.3±0.5, 52.48N±169.169W±0.07, h10km, mb4.0/9, MS3.3/5, Error ellipse: s-maj=11.5km s-min=3.4km az=151.8

IDC 28 13:13:24.3±1.1, 52.52N±169.157W, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.8/4, mbtmp3.9/9, ML3.4/2, MS3.3/6, Ms1 3.3/6, ms1mx2.9/36, Error ellipse: s-maj=36.1km s-min=19.0km az=150.0

NEIC 28 13:13:25.8±2.5, 52.56N±169.153W, h5km, mb3.9/5, ML3.3(AEIC), After AEIC

ISC 28 13:13:25.6±0.8, 52.55N±169.144W±0.07, h10km±52, ±124/44, mb3.9/9, MS3.2/5, Bonin Islands region

Main table for 28d 13h containing station data for NIKH, NIKH, OKSP, OKSP, OKST, OKST, MSOM, MSOM, MGOD, MGOD, MSW, MSW, MSW, MTBL, MTBL, UNV, UNV, UNV, ZRO, ZRO, AKUT, AKUT, KOSE, KOSE, KOPF, KOPF, KOKL, KOKL, ATKA, ATKA, WESN, WESN, GSTR, GSTR, GSKA, GSKA, GSTD, GSTD, GSKC, GSKC, FALS, FALS, ETKA, ETKA, SPSA, SPSA, SDPT, SDPT, KDAK, KDAK, PPLA, PPLA, ILAR, ILAR, DOT, DOT, COLD, COLD, EGAK, EGAK, PETK, PETK, H02N1, H02N1, H02S1, H02S1, DLBC, DLBC, INK, INK, YKA, YKA, CHMT, CHMT, MCMT, MCMT, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3, MJAR, MJAR, PDAR, PDAR, PDAR, PDAR, KSR5, KSR5, SONM, SONM, WRA, WRA, ASAR, ASAR. Includes station names, coordinates, and parameters.

IDC 28 13:16:21.0±1.9, 28.21N±139.89E, h419km±20km, mb3.1/1, mb1 3.2/13, mb1mx3.1/33, mbtmp3.8/13, Error ellipse: s-maj=30.0km s-min=14.4km az=81.0

JMA 28 13:16:22.0±0.2, 28.37N±140.64E, h428km, M3.7

ISC 28 13:16:21.7±1.0, 28.39N±140.50E±0.2, h450km±23, ±191/24, mb3.4/11, Bonin Islands region

Main table for 28d 13h containing station data for CBJJ, CBJJ, JHHJ, JHHJ, JHHJ, JHHJ, JHUJ, JHUJ, JHYJ, JHYJ, JIE, JIE, JOD2, JOD2, JHU, JHU, JHY, JHY, JYJ, JYJ, JAT, JAT, JAG, JAG. Includes station names, coordinates, and parameters.

28d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JHO Hitachi, MJAR Matsushiro Arr, SONM Songino Array, etc.

ISC/JB 28 13:28:16.4:0.5, 4:05S:0:05x:127.45E:0:05, h200km, mb3.5/2, Error ellipse: s-maj=6.9km s-min=6.3km, az=155.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like NLAI Namlea, MSAI Masohi, SANI Sanana, etc.

KRNET 28 13:29:28.3:0.1, 42:32N:71:38E, h12km, mb2.4, NNC 28 13:29:28.3:0.4, 42:40N:71:33E, h0km, mb2.3, mpv2.5, Error ellipse: s-maj=4.0km s-min=1.1km az=18.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ARK Arkit, MNAS Manas, ARSB Arslanbob, etc.

ISC/JB 28 13:32:36.7:0.8, 34:14N:0:06:26:16E:0:07, h26km, mb3.6/8, Error ellipse: s-maj=9.1km s-min=8.3km az=5.4

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

2010 NOV

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

ISC 28 13:35:47.0:2.3, 8:24S:113:27E, h0km, mb3.3/5, mb1.3/4.5, mb1mx3.3/2, mbtmp3.4/5, Error ellipse: s-maj=154.2km s-min=21.6km az=52.0, Jawa

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

ISC/JB 28 13:46:25.0:3.0, 35:62N:0:01:97:22W:0:02, h7km, 2km, Error ellipse: s-maj=2.2km s-min=2.2km az=31.7

NEIC 28 13:46:26.0, 35:62N:97:24W, h3km, MD3.3(TUL), After TUL

NEIC Felt [I] at Jones and [II] at Arcadia, Choctaw and Luther. Also felt at Cushing, Dustin, Edmond, Harrah, Norman, Oklahoma City, Spencer and Tahlequah.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OK005 Luther M Schoo, OK002 Wilshire Harra, OK001 Jones High Sch, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like X33A Lawton, WMOK Wichita Mounta, U32A Winter Ranch, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T25A, 531A, SLM, etc.

WEL 28 13:59:02.9-0.4,3504S+177.71E,h33km,ML3.5/2,Error ellipse: s-maj=4.5km s-min=2.7km az=90.0,Off east coast of North Isla

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

IDC 28 14:00:48.8-0.8,14:37N-92.73W,h0km,mb4.4/16,mb1 4.6/19,mb1mx4.5/36,mbmp4.5/19,ML4.7/MS4.0/22,Ms1 4.1/22,ms1mx3.9/30,Error ellipse: s-maj=31.0km s-min=15.8km az=43.0

MEX 28 14:00:52.7-0.5,14:17N-93.22W,h20km,53km,MD4.9 ISCBJ 28 14:00:54.0-0.3,14:35N-104.9304W,0.03,h51km,mb4.7/83,MS4.1/22,Error ellipse: s-maj=6.4km s-min=3.3km az=39.1

NEIC 28 14:00:55.2,14:43N-93.21W,h28km,mb4.7/78,MD4.9(MEX),After MEX. CASC 28 14:00:57.2-1.1,14:22N-92.75W,h8km,36km,MD4.3,mb4.7/78(MEX)

BJJ 28 14:00:57.0,14:30N-93.00W,h45km,mb5.0/11,Ms5.1/4,Ms7.4/74 HUG 28 14:00:55.3-0.5,14:29N-106.9311W-0.06,h15km,n352,c1105/334,mb4.7/83,MS4.1/22,1D,Near coast of Chiapas

Main table for station 1379 with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PCIG, CCIG, FUG, etc.

Main table for station 2010 NOV with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like 530A, 334A, 432A, etc.

Main table for station 28d 14h with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like W34A, W33A, MSTX, etc.

28d 14h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SDCO Great Sand Dun, Q28A Sharon Springs, P30A Selden, etc.

2010 NOV

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YKA Yellowknife Arr, CFAA Cowlitz, DLBC Dease Lake, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DDEM Demirkent, DDEM Demirkent, DBAD Bademkaya, etc.

IDC 28 14:20:22.6:5.9, 14:16N:92:69W, h0km, mb3.6/3, mb1.3, 9.5, mb1mx3.6/34, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=154.8km s-min=71.0km az=36.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PCIG Comitan, CCIG Comitan, HUIG Huatulos, etc.

IDC 28 14:37:14.0:0.9, 28:00N:52:50E, h0km, mb3.9/18, mb1.4, 0.20, ms1mx3.8/42, mbtmp3.9/20, ML3.2/2, MS2.8/4, MS1.2, 8.4, ms1mx2.5/49, Error ellipse: s-maj=21.0km s-min=16.5km az=173.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GHIR Ghir-Karzin, GHIR Ghir-Karzin, GHIR Sarvestan, etc.

IDC 28 14:37:16.7:0.6, 28:04N:02:52E, h10km, mb3.6/6, n60, e153/59, mb3.8/18, 4C-10D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GHIR Ghir-Karzin, GHIR Sarvestan, GHIR Ghir-Karzin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AAK Ala-Archa, AAK Ala-Archa, MLR Munteley, etc.

IDC 28 14:37:56.1:5.3, 14:26N:93:24W, h0km, mb3.3/2, mb1.3, 5.4, mb1mx3.3/33, mbtmp3.1/4, ML3.2/2, Error ellipse: s-maj=243.7km s-min=53.0km az=53.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMIG Matias Romero, CMIG Matias Romero, TXAR Yellowknife Arr, etc.

ISCJBJ 28 14:49:19.7:0.6, 14:73S:0:03k:71.49W:0:05, h98km, 6km, mb5.0/89, Error ellipse: s-maj=8.9km s-min=4.4km az=154.7

BUI 28 14:49:20.0, 15:03S:72:31W, h102km, mb5.1/12, IDC 28 14:49:22.9:2.4, 14:72S:71:42W, h113km, 21km, mb4.5/19, mb1.4, 7.23, mb1mx4.6/29, mbtmp4.9/23, MS3.5/4, MS1.3, 6.4, ms1mx3.1/23, Error ellipse: s-maj=15.7km s-min=10.9km az=73.0

MOS 28 14:49:22.3:1.1, 14:62S:71:67W, h113km, mb5.2/23, Error ellipse: s-maj=17.3km s-min=6.9km az=112.7, GCMT 28 14:49:22.8:0.4, 14:85S:71:47W, h142km, 3km, MWV5.0/81, Moment Tensor Solution. s25,c29; s81,c106; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.74z;14; Mw=2.8z;15; Mw0.94z;21; Mw0.30z;10; Mw1.5z;17; Mw=1.8z;14; Best double couple: M3.37700x10^16 NP1:344.00000; 0.6700000; 1.3400000. NP2: 0.2560000; 0.4900000; 1.3100000. Principal axes: T 3.3090, P1048.0000, N 102.0000, N 0.1350, P1040.0000, Azm:03.0000, P-3.4500, P1011.0000, Azm:204.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 14:49:22.9:0.6, 14:76S:71:43W, h114km, 5km, mb5.1/74 Error ellipse: s-maj=6.4km s-min=3.5km az=67.0 NEIC Felt [V] at Chachas. Also felt at Cusco, Juliaca and Santo Tomas.

ISC 28 14:49:21.4:0.7, 14:80S:0:05:71.45W:0.07, h101km, 6km, n693, e08/89/19, mb5.1/89, 10C-8D, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BDFB Brasilia, SDV Santo Domingo, SDV Santo Domingo, SPB Sao Paulo, etc.

Table with columns: JCT, Junction City, 52.64 329 P, P, 14 58 24.7 -0.6, 531A, 52.76 328 P, P, 14 58 26.7 +0.5, WHTX, 52.78 332 P, P, 14 58 26.8 +0.6, WHTX, 52.78 332 eP, P, 14 58 26.1 -0.1, Z38A, 52.90 335 P, P, 14 58 27.2 +0.9, 333A, 52.93 330 P, P, 14 58 27.6 +0.2, 432A, 52.96 329 P, P, 14 58 28.2 +0.5, WVT, 52.96 343 eP, P, 14 58 26.2 -1.3, WVT, 52.96 343 eP, Pmax, 14 58 26.2 -1.3, Z37A, 53.01 335 P, P, 14 58 28.7 +0.7, Y39A, 53.05 336 P, P, 14 58 28.7 +0.6, 234A, 53.10 332 P, P, 14 58 29.3 +0.7, UALR, 53.14 338 eP, P, 14 58 27.7 -1.1, 530A, 53.16 327 P, P, 14 58 29.6 +0.5, 431A, 53.21 328 P, P, 14 58 29.7 +0.2, 332A, 53.35 330 P, P, 14 58 30.7 +0.2, MIAR, 53.39 337 eP, Pmax, 14 58 30.7 0.0, MIAR, 53.39 337 P, P, 14 58 31.0 +0.4, 336A, 53.42 334 P, P, 14 58 31.5 +0.6, 233A, 53.47 331 P, P, 14 58 31.7 +0.3, 134A, 53.55 332 P, P, 14 58 32.2 +0.3, 529A, 53.60 327 P, P, 14 58 33.0 +0.6, 430A, 53.61 328 P, P, 14 58 32.3 -0.1, 331A, 53.62 329 P, P, 14 58 32.3 -0.2, Y37A, 53.69 335 P, P, 14 58 33.9 +1.0, 232A, 53.72 330 P, P, 14 58 33.4 +0.3, TXAR, 53.78 325 P, P, 14 58 33.2 -0.5, TXAR, 53.78 325 P, P, 14 58 33.2 -0.5, TXAR, 53.78 325 P, P, 14 58 33.2 -0.5, TXAR, 53.78 325 P, P, 14 58 33.2 -0.5, TX31, 53.78 325 eP, P, 14 58 33.3 -0.5, Z35A, 53.82 333 P, P, 14 58 34.5 +0.6, 429A, 53.83 327 P, P, 14 58 34.3 +0.3, Y36A, 53.90 334 P, P, 14 58 35.1 +0.7, 133A, 53.97 331 P, P, 14 58 35.3 +0.3, X38A, 53.98 336 P, P, 14 58 35.9 +0.9, PARMO, 54.02 342 eP, P, 14 58 34.5 -0.7, Z31A, 54.08 330 P, P, 14 58 35.8 0.0, 330A, 54.08 328 P, P, 14 58 35.4 -0.4, X37A, 54.12 336 P, P, 14 58 36.9 +0.9, Z34A, 54.15 333 P, P, 14 58 37.1 +0.9, W38A, 54.21 337 P, P, 14 58 37.3 +0.7, Y35A, 54.22 334 P, P, 14 58 37.9 +1.2, ABTX, 54.32 331 P, P, 14 58 38.0 +0.5, ABTX, 54.32 331 eP, P, 14 58 37.2 -0.4, PBMO, 54.33 341 eP, P, 14 58 36.6 -0.8, 230A, 54.44 332 P, P, 14 58 38.8 +0.4, Z33A, 54.46 332 P, P, 14 58 39.1 +0.6, X36A, 54.50 335 P, P, 14 58 39.4 +0.6, WCI, 54.55 346 eP, Pmax, 14 58 38.0 -1.1, WCI, 54.55 346 eP, P, 14 58 38.0 -1.1, 329A, 54.56 328 P, P, 14 58 39.5 +0.1, Y34A, 54.58 333 P, P, 14 58 40.0 +0.6, X35A, 54.62 334 P, P, 14 58 40.3 +0.7, USIN, 54.64 344 eP, P, 14 58 38.4 -1.3, 131A, 54.72 330 P, P, 14 58 41.0 +0.6, MCWV, 54.73 352 eP, P, 14 58 41.2 +0.9, Z32A, 54.81 331 P, P, 14 58 41.1 +0.1, SIUC, 54.84 343 eP, P, 14 58 40.5 -0.6, 229A, 54.85 328 P, P, 14 58 41.2 -0.2, V38A, 54.87 337 P, P, 14 58 41.3 -0.1, 130A, 54.94 329 P, P, 14 58 41.9 -0.1, W36A, 54.94 335 P, P, 14 58 42.0 +0.1, Y33A, 55.00 332 P, P, 14 58 42.6 +0.2, Z31A, 55.13 331 P, P, 14 58 43.6 +0.2, X34A, 55.15 333 P, P, 14 58 44.0 +0.5, V37A, 55.16 337 P, P, 14 58 44.1 +0.6, W35A, 55.22 335 P, P, 14 58 43.9 -0.1, Y32A, 55.37 332 P, P, 14 58 45.4 +0.4, U38A, 55.37 338 P, P, 14 58 44.6 -0.4, 228A, 55.37 328 P, P, 14 58 44.9 -0.3, V36A, 55.39 336 P, P, 14 58 45.7 +0.6, X33A, 55.40 333 P, P, 14 58 45.1 -0.1, 129A, 55.41 329 P, P, 14 58 45.7 +0.2, TUL1, 55.44 336 P, P, 14 58 45.8 +0.3, TUL1, 55.44 336 eP, P, 14 58 45.6 +0.1, OLIL, 55.48 344 eP, P, 14 58 44.2 -1.5, BLO, 55.50 346 eP, Pmax, 14 58 44.8 -1.1, BLO, 55.50 346 eP, Pmax, 14 58 44.8 -1.1, BLO, 55.50 346 eP, Pmax, 14 58 44.8 -1.1, Z30A, 55.58 330 P, P, 14 58 46.6 +0.1, U37A, 55.61 337 P, P, 14 58 46.7 0.0, X32A, 55.65 332 P, P, 14 58 47.0 0.0, WMOK, 55.69 333 eP, Pmax, 14 58 46.1 -1.2, WMOK, 55.69 333 eP, Pmax, 14 58 46.1 -1.2, WMOK, 55.69 333 eP, Pmax, 14 58 46.1 -1.2, WMOK, 55.69 333 eP, Pmax, 14 58 46.1 -1.2

Table with columns: Y31A, 55.71 331 P, P, 14 58 47.8 +0.2, 128A, 55.72 328 P, P, 14 58 47.3 -0.4, V35A, 55.73 335 P, P, 14 58 47.8 +0.2, CCM, 55.76 341 eP, Pmax, 14 58 46.5 -1.2, CCM, 55.76 341 eP, Pmax, 14 58 46.5 -1.2, ACSO, 55.78 349 eP, P, 14 58 47.2 -0.7, Z29A, 55.84 329 P, P, 14 58 48.3 -0.2, U36A, 55.84 336 P, P, 14 58 48.3 0.0, W33A, 55.90 333 P, P, 14 58 49.1 +0.3, V34A, 55.97 335 P, P, 14 58 49.9 -0.1, V34A, 55.97 335 eP, P, 14 58 49.0 -1.1, X31A, 56.14 332 P, P, 14 58 50.5 0.0, T37A, 56.17 337 P, P, 14 58 50.7 0.0, Z28A, 56.20 329 P, P, 14 58 50.5 -0.6, U35A, 56.21 336 P, P, 14 58 51.5 +0.5, W32A, 56.22 333 P, P, 14 58 51.3 +0.3, V33A, 56.38 334 P, P, 14 58 52.4 +0.1, X30A, 56.40 331 P, P, 14 58 52.2 -0.2, T36A, 56.48 337 P, P, 14 58 52.8 -0.1, MNTX, 56.54 325 P, P, 14 58 53.0 -0.4, MNTX, 56.54 325 eP, P, 14 58 52.0 -1.4, MNTX, 56.58 332 eP, P, 14 59 47.5 -1.4, W31A, 56.58 332 P, P, 14 58 53.6 -0.1, U34A, 56.60 335 eP, P, 14 58 53.3 -0.4, T35A, 56.60 336 P, P, 14 58 54.3 +0.5, V32A, 56.63 333 P, P, 14 58 54.6 +0.6, S37A, 56.70 338 P, P, 14 58 54.5 +0.1, S37A, 56.70 338 P, P, 14 58 54.5 +0.1, SFIN, 56.78 346 P, P, 14 58 55.4 +0.4, SFIN, 56.78 346 eP, P, 14 58 53.4 -1.6, U33A, 56.83 334 P, P, 14 58 55.3 -0.1, M35T, 56.94 329 P, P, 14 58 56.1 -0.2, M35T, 56.94 329 eP, P, 14 58 55.4 -0.9, S36A, 56.95 337 P, P, 14 58 56.3 0.0, T34A, 56.96 336 P, P, 14 58 56.8 +0.5, V31A, 57.02 333 P, P, 14 58 57.1 +0.2, U32A, 57.16 334 P, P, 14 58 58.1 +0.3, S35A, 57.19 337 P, P, 14 58 58.3 +0.4, R37A, 57.20 338 P, P, 14 58 58.7 +0.1, V30A, 57.40 332 P, P, 14 59 00.6 +1.1, R36A, 57.45 338 P, P, 14 58 59.7 0.0, HDIL, 57.51 344 P, P, 14 59 00.1 0.0, HDIL, 57.51 344 eP, P, 14 58 58.4 -1.7, HDIL, 57.51 344 eP, P, 14 59 53.0 +0.5, S34A, 57.52 336 P, P, 14 59 00.1 -0.1, U31A, 57.53 333 P, P, 14 59 00.6 +0.2, Q37A, 57.56 339 P, P, 14 59 00.7 +0.2, R35A, 57.71 337 P, P, 14 59 02.0 +0.5, S33A, 57.78 335 P, P, 14 59 02.8 +0.7, T32A, 57.81 334 P, P, 14 59 03.0 +0.6, Q36A, 58.00 338 P, P, 14 59 03.3 -0.3, U30A, 58.02 332 P, P, 14 59 04.4 +0.6, T31A, 58.06 334 P, P, 14 59 04.4 +0.3, R34A, 58.09 336 P, P, 14 59 04.5 +0.3, Q35A, 58.12 338 P, P, 14 59 04.1 -0.3, U29A, 58.23 332 P, P, 14 59 05.4 +0.1, S32A, 58.26 335 P, P, 14 59 06.1 +0.7, R33A, 58.39 336 P, P, 14 59 06.4 +0.1, T30A, 58.39 333 P, P, 14 59 07.5 +1.1, S31A, 58.42 334 P, P, 14 59 06.9 +0.4, 121A, 58.51 324 P, P, 14 59 08.1 +0.7, 121A, 58.51 324 eP, P, 14 59 07.6 +0.2, Q34A, 58.51 337 P, P, 14 59 07.1 0.0, KSU1, 58.54 337 P, P, 14 59 07.1 -0.3, KSU1, 58.54 337 eP, P, 14 59 06.3 -1.0, Q37A, 58.61 340 P, P, 14 59 07.9 +0.1, P35A, 58.70 338 P, P, 14 59 08.3 -0.2, N39A, 58.73 341 P, P, 14 59 07.8 -0.8, R32A, 58.78 335 P, P, 14 59 09.2 +0.2, T29A, 58.82 332 P, P, 14 59 09.7 +0.3, S30A, 58.86 333 P, P, 14 59 10.3 +0.7, N38A, 58.88 341 P, P, 14 59 10.4 +0.8, Q33A, 58.92 336 P, P, 14 59 10.2 +0.2, R31A, 59.00 334 P, P, 14 59 10.6 0.0, P34A, 59.02 337 P, P, 14 59 10.7 +0.1, BNM, 59.08 326 eP, P, 14 59 12.0 +0.6, Y22A, 59.13 333 P, P, 14 59 12.3 +0.8, Y22D, 59.19 326 P, P, 14 59 12.7 +0.7, Q32A, 59.20 336 P, P, 14 59 12.0 +0.1, R30A, 59.31 334 P, P, 14 59 13.1 +0.3, M38A, 59.44 341 P, P, 14 59 13.6 +0.2, S28A, 59.45 332 P, P, 14 59 13.6 -0.2, N36A, 59.47 339 P, P, 14 59 13.5 -0.2, Q34A, 59.52 338 P, P, 14 59 13.7 -0.4, CBKS, 59.53 335 eP, Pmax, 14 59 14.6 +0.4, CBKS, 59.53 335 eP, Pmax, 14 59 14.6 +0.4, comp=Z,25nm,0.8s

Table with columns: CBKS, Cedar Bluff, 59.53 335 P, P, 14 59 14.0 -0.3, CBKS, Cedar Bluff, 59.53 335 eP, P, 14 59 14.6 +0.4, Q31A, 59.55 335 P, P, 14 59 14.7 +0.3, ANMO, Albuquerque, 59.59 327 c/P, Pmax, 14 59 14.6 -0.3, ANMO, Albuquerque, 59.59 327 eP, P, 14 59 14.0 -0.9, SADO, Sadowa, 59.69 354 eP, P, 14 59 15.1 0.0, M37A, Trindle Farm, 59.70 340 P, P, 14 59 15.6 +0.3, O33A, Hebron, 59.76 337 P, P, 14 59 15.7 -0.1, P32A, Hulting Farm, 59.76 336 P, P, 14 59 15.9 +0.1, R29A, Marienthal, 59.80 333 P, P, 14 59 16.3 +0.2, Q30A, Quinter, 59.87 334 P, P, 14 59 17.2 +0.6, JFWS, Jewell Farm, 59.96 344 eP, P, 14 59 15.9 -1.2, JFWS, Jewell Farm, 59.96 344 eP, Pmax, 14 59 15.9 -1.2, JFWS, Jewell Farm, 59.99 335 eP, P, 15 00 02.4 +0.1, P31A, Stockton, 59.99 335 P, P, 14 59 17.3 -0.1, M36A, Felix, Anita, 59.99 340 P, P, 14 59 16.7 -0.5, L38A, Oak Wood Farm, 60.02 342 P, P, 14 59 16.7 -0.7, N34A, Lincoln, 60.03 338 P, P, 14 59 17.1 -0.4, R28A, Tribune, 60.03 333 P, P, 14 59 17.5 -0.2, Q29A, Oakley, 60.12 334 P, P, 14 59 17.9 -0.4, O32A, Brockman Farm, 60.19 337 P, P, 14 59 19.0 +0.3, T25A, Trinidad, 60.26 330 P, P, 14 59 20.4 +0.9, T25A, Trinidad, 60.26 330 eP, P, 14 59 20.1 +0.6, N33A, J Bar K, Exete, 60.29 337 P, P, 14 59 20.3 +1.0, P30A, Selden, 60.36 335 P, P, 14 59 20.4 +0.4, O31A, Woolen Ranch, 60.50 336 P, P, 14 59 21.3 +0.4, L36A, Harm Buss Farm, 60.52 340 P, P, 14 59 20.5 -0.4, N32A, Stulken Farm, 60.63 337 P, P, 14 59 22.9 +1.3, Q28A, Sharon Springs, 60.63 333 P, P, 14 59 22.2 +0.3, M34A, Aspy Farms, Fr, 60.64 339 P, P, 14 59 22.0 +0.3, P29A, Atwood, 60.70 334 P, P, 14 59 22.7 +0.5, O30A, MW Ranch, Wils, 60.82 335 P, P, 14 59 23.3 +0.3, L35A, Bielow Farm, R, 60.83 340 P, P, 14 59 22.6 -0.3, M33A, Taylor Creek F, 60.92 338 P, P, 14 59 23.1 -0.6, K36A, Gilmore City, 60.94 341 P, P, 14 59 23.3 -0.4, K36A, Gilmore City, 60.94 341 P, P, 14 59 23.3 -0.4, KSCO, Kaye Shedlock, 60.94 333 P, P, 14 59 24.9 +0.9, KSCO, Kaye Shedlock, 60.94 333 eP, P, 14 59 24.6 +0.6, L34A, Svendsen Farm, 60.98 339 P, P, 14 59 23.8 -0.2, O29A, 4D Ranch, Culb, 61.08 335 P, P, 14 59 25.4 +0.6, BGNE, Belgrade, 61.13 337 P, P, 14 59 25.2 +0.1, BGNE, Belgrade, 61.13 337 eP, P, 14 59 24.9 -0.2, K35A, Storm Lake, 61.27 340 P, P, 14 59 25.8 -0.1, J37A, Paulius Farm, 61.27 342 P, P, 14 59 25.4 -0.5, SDCO, Great Sand Dun, 61.27 330 P, P, 14 59 27.0 +0.5, SDCO, Great Sand Dun, 61.27 330 eP, P, 14 59 26.6 +0.2, N30A, Hueftle Ranch, 61.36 335 P, P, 14 59 27.2 +0.6, M31A, Lambrecht Ranc, 61.39 337 P, P, 14 59 27.3 +0.5, W18A, Petrified Fore, 61.50 325 P, P, 14 59 27.5 -0.4, J36A, Seneca L, Swea, 61.53 341 P, P, 14 59 27.1 -0.6, L38A, Scanlan Farm, 61.58 343 P, P, 14 59 28.7 +0.7, N29A, Votaw Ranch, W, 61.59 335 P, P, 14 59 28.8 +0.6, N28A, Tribeno Ranch, 61.86 334 P, P, 14 59 30.5 +0.4, I37A, Lemond, Waseca, 61.86 342 P, P, 14 59 31.0 +1.1, S22A, 4UR Ranch, Cre, 61.93 329 P, P, 14 59 31.4 +0.5, S22A, 4UR Ranch, Cre, 61.93 329 eP, P, 14 59 30.9 +0.1, L31A, Butterfield Fa, 62.05 337 P, P, 14 59 32.1 +0.9, Q24A, Divide, 62.06 331 P, P, 14 59 32.3 +0.5, Q24A, Divide, 62.06 331 eP, P, 14 59 32.2 +0.5, H37A, Dierke Farm, C, 62.24 343 P, P, 14 59 33.0 +0.6, OGNE, Ogallala, 62.28 334 P, P, 14 59 33.3 +0.4, J33A, Davis, 62.38 339 P, P, 14 59 33.2 -0.1, K31A, O'Neill, 62.41 338 P, P, 14 59 33.8 +0.2, H36A, Jesseland, He, 62.53 342 P, P, 14 59 34.3 0.0, L29A, Maesberg Ranch, 62.59 336 P, P, 14 59 35.2 +0.4, ECSD, EROS Data Cent, 62.62 340 P, P, 14 59 34.7 -0.3, ECSD, EROS Data Cent, 62.62 340 eP, P, 14 59 34.0 -1.0, I34A, Hadley, 62.65 340 P, P, 14 59 35.3 +0.2, WUAZ, Wupatki, 62.72 324 P, P, 14 59 35.9 -0.1, WUAZ, Wupatki, 62.72 324 eP, P, 14 59 35.9 -0.1, J32A, Parkton, 62.73 339 P, P, 14 59 35.2 -0.5, K30A, Basset, 62.77 337 P, P, 14 59 36.2 +0.1, SPMN, St. Paul, 62.80 343 P, P, 14 59 36.7 +0.6, SPMN, St. Paul, 62.80 343 eP, P, 14 59 35.2 -0.9, VLD0, Val d'Or, 62.85 355 eP, P, 14 59 36.5 +0.2, H35A, Sunside Ranch, 62.91 341 P, P, 14 59 36.8 0.0, ISCO, Idaho Springs, 62.95 331 eP, Pmax, 14 59 37.8 +0.2, ISCO, Idaho Springs, 62.95 331 P, Pmax, 14 59 37.8 +0.2, ISCO, Idaho Springs, 62.95 331 eP, P, 14 59 37.8 +0.2, L28A, Conzaly Angus, 62.95 335 P, P, 14 59 38.2 +0.8, I33A, Coleman, 62.97 340 P, P, 14 59 37.3 0.0, J31A, Geddes, 62.98 338 P, P, 14 59 37.8 +0.5, G36A, St. Michael, 63.08 343 P, P, 14 59 37.8 -0.1, GLA, Glamis, 63.08 320 P, P, 14 59 38.5 +0.2, GLA, Glamis, 63.08 320 P, P, 14 59 38.5 +0.2, comp=Z,25nm,0.8s

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like SMCO Snowmass, K29A Lazy Trails An, I32A Karley and Nic, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like K22A Casper, R22A Black Hills, R32A Black Hills, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like ELK Elko, ELK Elko, B26A Jensen Ranch, etc.

28d 14h

Table with columns for station name, frequency, mode, and time. Includes stations like BRVK Borovoye, ASAR Alice Springs, ZALV Zalesovo Beam, etc.

BJI 28 14:50:53.1, 4.448S, 99.65E, h10km, mb4.7/52, mb4.9/38, Ms4.5/34, Ms7.4/2/32
DJA 28 14:50:59.0, 6.434S, 9.99E, h10km, M4.6/33, mb4.8/33, m35.1/23, Mb4.9/24, Mw(m)B4.5/23
IDC 28 14:50:59.9, 0.8, 3.62S, 99.61E, h0km, mb4.5/20, mb1.4/6/20, mb1mx4.4/34, mbtp4.6/20, MS3.6/8, Ms1.3/6/8, ms1mx3.2/38, Error ellipse: s-maj=26.8km s-min=12.4km az=44.0
KLM 28 14:51:00.7, 3.59S, 99.43E, h10km, mb4.9, ML4.5, MS5.4
AUST 28 14:51:00.4, 0.4, 3.44S, 99.69E, h0km, Error ellipse: s-maj=12.3km s-min=4.0km az=57.0
NEIC 28 14:51:01.2, 0.4, 3.62S, 99.63E, h10km, mb4.9/15, Error ellipse: s-maj=11.3km s-min=5.2km az=47.0
ISCJB 28 14:51:02.4, 0.3, 3.58S, 0.03, 99.67E, 0.03, h27km, mb4.7/59, MS3.5/7, Error ellipse: s-maj=5.7km s-min=3.0km az=41.2
MOS 28 14:51:03.3, 0.9, 3.55S, 99.67E, h33km, mb4.9/21, Error ellipse: s-maj=15.2km s-min=7.3km az=109.5
ISC 28 14:51:03.3, 0.5, 3.61S, 0.05, 99.58E, 0.06, h20km, 2gkm, h20km; pP, n233, c1f39/250, mb4.7/59, MS3.6/7, 10C-15D, Southwest of Sumatra

2010 NOV

Table with columns for station name, frequency, mode, and time. Includes stations like SISI Saibi, PDSI Padang, KSI Kapanggih, etc.

1384

Table with columns for station name, frequency, mode, and time. Includes stations like QIZ comp=Z,190nm,13.6s, BATI Baumatata, etc.

28d 15h

Table with columns: BRBR, Barbar, 0.40 156 eP, Pg, 15 14 26.9 -0.4, Sg, 15 14 33.4 +0.8. Includes stations like Alice Springs, Songrio Array, Stephens Creek, etc.

IDC 28 15:18:47.9.2.4, 5.27S, 133.92E, h0km, mb4.1/1, mb1.4/1.6, mb1mx3.7/32, mbtmp4.0/6, ML3.9/5, MS2.3/1, Ms1.2/3.1, ms1mx2.2/29, Error ellipse: s-maj=65.5km s-min=25.4km az=84.0

ISCJB 28 15:18:49.8.0.8, 5.26S, 133.78E, h0km, h25km, mb4.0/1, MS2.2/1, Error ellipse: s-maj=11.0km s-min=8.4km az=165.8

AUST 28 15:18:53.4.0.0, 5.05S, 133.62E, h57km, Error ellipse: s-maj=1.1km s-min=0.8km az=249.0

ISC 28 15:18:51.5.0.9, 5.22S, 133.75E, h0km, n18, az=72.17, Aru Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Fak Fak, Sorong, Merauke, Kakadu, etc.

IDC 28 15:20:12.1.0.9, 10.60N, 126.47E, h0km, mb3.9/1.0, mb1.4/0.10, mb1mx3.8/34, mbtmp3.9/10, Error ellipse: s-maj=42.1km s-min=18.3km az=72.0

ISCJB 28 15:20:16.2.0.7, 10.59N, 126.61E, h0km, h44km, mb3.9/1.0, Error ellipse: s-maj=12.2km s-min=10.0km az=2.6

NEIC 28 15:20:23.2.5.0, 10.47N, 126.28E, h89km, h45km, mb4.5/1, Error ellipse: s-maj=29.7km s-min=10.0km az=64.0

ISC 28 15:20:18.2.0.8, 10.61N, 126.58E, h0km, h4km, n19, az=132.18, mb3.8/1.0, AzC, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Surigao, Palo, Lapu-Lapu, etc.

2010 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Alice Springs, Songrio Array, Stephens Creek, etc.

ISCJB 28 15:33:16.9.0.4, 40.89N, 150.02E, h4km, 3km, Error ellipse: s-maj=3.0km s-min=2.7km az=137.7

THE 28 15:33:17.5.0.8, 40.87N, 150.23E, h1km, 2km, ML2.5/4, Error ellipse: s-maj=2.2km s-min=0.7km az=94.0

CSEM 28 15:33:17.4.0.1, 40.87N, 150.23E, h0km, MD2.6, Error ellipse: s-maj=2.1km s-min=1.9km az=83.0

SOF 28 15:33:17.3.0.9, 40.92N, 150.23E, h0km, MD2.9, BEO 28 15:33:17.0.0.9, 40.87N, 150.23E, h0km, ML2.9/7

ATH 28 15:33:17.5.0.8, 40.88N, 150.23E, h0km, MD2.6/10, SKO 28 15:33:18.3.0.4, 40.88N, 150.23E, h0km, MD2.6/10

ISC 28 15:33:17.7.0.8, 40.87N, 150.23E, h0km, 8km, n81, az=056/119, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Sokhos, Serrai, Horiatiis, etc.

IDC 28 15:43:01.8.39.64N, 38.24E, h7km, MD2.6, ISCJB 28 15:43:02.9.0.6, 39.68N, 38.28E, h10km, Error ellipse: s-maj=6.4km s-min=4.1km az=23.2

CSEM 28 15:43:02.8.0.4, 39.74N, 38.28E, h10km, MD2.6, Error ellipse: s-maj=11.8km s-min=8.4km az=19.0

ISC 28 15:43:02.5.0.9, 39.57N, 38.16E, h4km, MD2.6, ISC 28 15:43:02.4.1.0, 39.57N, 38.26E, h0km, n12, az=092/20, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ilic-Erzincan, Zuzar, etc.

ISCJB 28 15:50:10.6.0.6, 20.1S, 0.1x177.6W, 0.2, h500km, mb3.5/6, Error ellipse: s-maj=24.8km s-min=10.0km az=44.6

IDC 28 15:50:10.4.2.3, 20.29S, 177.61W, h482km, 2.7km, mb3.1/6, mb1.3/4.8, mb1mx3.1/26, mbtmp4.0/8, Error ellipse: s-maj=31.1km s-min=17.0km az=144.0

ISC 28 15:50:11.2.0.7, 20.1S, 0.2x177.6W, 0.2, h500km, n14, az=193/14, mb3.6/6, Fiji Islands region

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

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Table with columns: DIVS, Divivare, 4.20 321 eSg, Sg, 15 35 32.6 0.0. Includes stations like Denizli, Cakirokul, etc.

ISC 28 15:35:55.8.37.91N, 29.15E, h12km, MD2.5, ISCJB 28 15:35:56.2.0.6, 37.93N, 29.13E, h0km, Error ellipse: s-maj=5.7km s-min=4.7km az=27.5

DDA 28 15:35:56.7.37.93N, 29.15E, h7km, MD2.6, CSEM 28 15:35:56.2.0.3, 37.93N, 29.15E, h1km, MD2.5, Error ellipse: s-maj=7.0km s-min=5.0km az=118.0, Mining explosion

ISC 28 15:35:55.7.1.1, 37.94N, 29.03E, h0km, n18, az=068/24, Turkey

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

IPCC 28 15:36:33.0.2.49, 83N, 18.56E, h0km, 3km, ML1.2/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PRU 28 15:36:34.8.49.86N, 18.47E, h0km, CSEM 28 15:36:33.4.0.2, 49.83N, 18.51E, h1km, ML1.9/4, Error ellipse: s-maj=4.8km s-min=2.6km az=90.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Ostrava-Krasne, Moravsky Berou, etc.

IDC 28 15:43:01.8.39.64N, 38.24E, h7km, MD2.6, ISCJB 28 15:43:02.9.0.6, 39.68N, 38.28E, h10km, Error ellipse: s-maj=6.4km s-min=4.1km az=23.2

CSEM 28 15:43:02.8.0.4, 39.74N, 38.28E, h10km, MD2.6, Error ellipse: s-maj=11.8km s-min=8.4km az=19.0

ISC 28 15:43:02.5.0.9, 39.57N, 38.16E, h4km, MD2.6, ISC 28 15:43:02.4.1.0, 39.57N, 38.26E, h0km, n12, az=092/20, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ilic-Erzincan, Zuzar, etc.

ISCJB 28 15:50:10.6.0.6, 20.1S, 0.1x177.6W, 0.2, h500km, mb3.5/6, Error ellipse: s-maj=24.8km s-min=10.0km az=44.6

IDC 28 15:50:10.4.2.3, 20.29S, 177.61W, h482km, 2.7km, mb3.1/6, mb1.3/4.8, mb1mx3.1/26, mbtmp4.0/8, Error ellipse: s-maj=31.1km s-min=17.0km az=144.0

ISC 28 15:50:11.2.0.7, 20.1S, 0.2x177.6W, 0.2, h500km, n14, az=193/14, mb3.6/6, Fiji Islands region

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

ISCJB 28 15:50:10.6.0.6, 20.1S, 0.1x177.6W, 0.2, h500km, mb3.5/6, Error ellipse: s-maj=24.8km s-min=10.0km az=44.6

IDC 28 15:50:10.4.2.3, 20.29S, 177.61W, h482km, 2.7km, mb3.1/6, mb1.3/4.8, mb1mx3.1/26, mbtmp4.0/8, Error ellipse: s-maj=31.1km s-min=17.0km az=144.0

ISC 28 15:50:11.2.0.7, 20.1S, 0.2x177.6W, 0.2, h500km, n14, az=193/14, mb3.6/6, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, ILAR Eielson Array, VNA3 Neumayer-Watz, etc.

ISC 28 16:07:54.9-0.8, 57.15S:24.48W, h0km, mb4.2/8, mb1 4.2/9, mb1mx3.9/24, mbtmp4.1/9, ML3.1/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/22, Error ellipse: s-maj=34.0km s-min=18.3km az=63.0

ISC 28 16:07:55.3-1.4, 57.05S:22.24W, h10km, n14, c079/11, mb4.1/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, etc.

ISC 28 16:13:03.5-3.9, 2.12S:101.90E, h0km, mb3.3/5, mb1 3.3/5, mb1mx3.4/31, mbtmp3.3/5, Error ellipse: s-maj=155.2km s-min=24.0km az=59.0, Southern Sumatara

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

NEIC 28 16:18:31.7, 65.41N:135.00W, h10km, ML2.9(OTT), After OTT

PGC 28 16:18:31.7-6.3, 55.41N:135.00W, h10km, ML2.9/7, 183km Sse of Sitka, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRAG Craig, WRAP Wrangell Island, NDB Naden, etc.

SKO 28 16:38:14.0, 41.72N:22.85E, h29km, M1.9, ML2.2

CSEM 28 16:38:13.5-0.2, 41.81N:22.82E, h15km, ML2.3, Error ellipse: s-maj=5.5km s-min=2.4km az=67.0

ATH 28 16:38:14.8, 41.70N:22.86E, h26km, ML2.8/8

BEO 28 16:38:14.9-0.6, 41.78N:22.86E, h0km, ML2.1/4

THE 28 16:38:15.8, 41.69N:22.89E, h5km, ML2.3/5, Error ellipse: s-maj=2.0km s-min=0.8km az=184.0

ISCJB 28 16:38:16.2-0.5, 41.69N:0.02-22.85E:0.04, h25km, 4km, Error ellipse: s-maj=5.9km s-min=3.7km az=156.7

ISC 28 16:38:14.6-1.0, 41.74N:0.02-22.86E:0.03, h16km, gkm, n14, c058/80, Northwestern Balkan Peninsula

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

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

BUI 28 16:47:37.8, 24.24S:178.91E, h543km, mb4.6/12, mB4.9/11

ISCJB 28 16:47:39.7-0.6, 24.16S:0.04:178.92E:0.04, h561km, 7km, mb4.5/35, Error ellipse: s-maj=6.0km s-min=5.7km az=43.8

NEIC 28 16:47:39.4-0.6, 24.07S:178.99E, h549km, 7km, mb5.1/18, Error ellipse: s-maj=7.5km s-min=7.5km az=129.0

AUST 28 16:47:40.1-0.6, 24.02S:179.49E, h608km, 9km, Error ellipse: s-maj=10.1km s-min=5.8km az=94.0

ISC 28 16:47:40.5-0.9, 24.06S:178.84E, h554km, gkm, mb3.9/21, mb5.1/4, 2/22, mb1mx3.9/40, mbtmp4.8/22, Error ellipse: s-maj=11.1km s-min=9.8km az=13.0

ISC 28 16:47:39.7-0.5, 24.17S:0.05:178.94E:0.06, h550km, 4km, n175, c194/199, mb4.7/35, 14C-6D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MSVF Nonsavu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAE Paea, PPT2 Papeete, CMSA Coper Meteorol, etc.

Table with columns: LZH, 28nm, 1.1s, PMZ, 120nm, 4.8s, 529A, 92.88 58 P, 17 01 55.3 +0.5, 17 02 48.5 -1.4, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s ISC, 17 01 55.3 +0.5, 17 02 48.5 -1.4, etc.

Table with columns: BDFB, 55.14 110 eP, P, 17 12 52.0 -0.1, 17 39 35.2, etc.

MEX 28 17:03:16.7±0.7, 16.90N±100.02W, h30km±5km, MD3.8, Near coast of Guerrero...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time Res, h m s ISC, 17 01 55.3 +0.5, 17 02 48.5 -1.4, etc.

JMA 28 17:35:40.7, 23°20'N-121°53'E, h0km, M3.8, 17 11 55.4 -0.6, 17 11 17.4 -0.7, etc.

WEL 28 17:44:24.5:0.4,36.81S:-177.26E,h176km,5km,ML3.5/5, 1C, Error ellipse: s-maj=6.7km s-min=6.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HAZ, MXZ, PKGZ, WMGZ, URZ, TWGZ, PUZ, MWZ, MNWZ, RIGZ, SNIGZ, KNZ, MHGZ, MCHZ, KWHZ, PXZ, PRHZ.

ICD 28 18:11:16.9:47.0,15.26S:-171.14W,h0km,mb4.3/3, mb1 4.5/3,mb1mx3.7/35,mbtmp4.3/3, Error ellipse: s-maj=929.5km s-min=180.1km az=79.0,Samoa Islands region

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

ISC/JB 28 18:13:30.8:0.4,24.75N:0.03:122.75E:0.02, h108km,4km, Error ellipse: s-maj=5.1km s-min=2.4km az=165.3

JMA 28 18:13:30.6:0.1,24.72N:122.70E,h113km,2km,ML3.1 TAP 28 18:13:31.4,24.78N,122.74E,h104km,ML3.8,C ISC 28 18:13:31.2:1.3,24.74N:0.04:122.75E:0.02,h108km,7km, n63,cf1011/14,Taiwan region

Main table for 1391 with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JYNG, YOJ, TWB1, EGS, TWC, ILA, NWF, ENA, ENA, IRIF, TWE, PCYT, ENTT, TWA, TWA, HATJ, TWD, TWD, JKRS, TWS1, TWS1, NSK, NSK, NNS, NNS, JIJ, JISG, NCU, WHF, WHF, ESL, ESL, WDT, WDT, JTT, JTT, EHY, EHY, NSY, NSY, NSY, TQW1, TQW1, SMLT, SMLT, TW1, TW1, TYC, TYC.

Main table for 2010 NOV with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TCU, YCU, YUS, YUS, CHKT, CHKT, WNT, WNT, ALS, ALS, ALS, JIRB, CHNS, CHNS, ELDTW, ELDTW, WGG, WGG, WGG, JIKM, JIKM, STYT, STYT, CHN4, CHN4, JOGS, JOGS, TWG, TWG, TWG, WTP, WTP, WTP, CHY, CHY, CHY, CHN1, CHN1, CHN1, WSF, WSF, SGST, SGST, ECL, ECL, ECL, SSD, SSD, TWMT, TWMT, LAY, LAY, LAY, EAST, EAST, EAST, JKE, JKE, JAGN, JAGN, JINTH, JINTH, JOKE, JOKE, JAMN, JAMN.

ICD 28 18:22:38.2:1.2,14.45N:92.65W,h0km,mb4.1/9, mb1 4.5/11,mb1mx3.7/35,mbtmp4.2/11,ML4.0/1,MS3.8/12, Ms1 3.8/12,ms1mx3.5/35, Error ellipse: s-maj=46.7km s-min=22.7km az=42.0 MEX 28 18:22:41.9:0.8,14.17N:93.23W,h18km,23km,MD4.1 ISC/JB 28 18:22:43.5:0.4,14.33N:0.05:93.06W:0.04,h51km, mb4.4/20,MS3.9/11, Error ellipse: s-maj=8.2km s-min=3.8km az=36.1 NEIC 28 18:22:43.0,14.31N:93.27W,h21km,mb4.4/16, MD4.1(MEX),After MEX. ISC 28 18:22:44.7:0.6,14.30N:0.07:93.21W:0.05,h51km,n188, cf131/183,mb4.4/20,MS3.9/11,1C,Near coast of

Main table for 2010 NOV with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, PCIG, CCIG, CCIG, CCIG, FUG, FUG, FUG, TGIG, TGIG, TGIG, PCG, IKG, NBG, HUIG, HUIG, HUIG, CMIG, CMIG, CMIG, RBDL, RBDL, RTR, RTR, MRL, MRL, SNJE, SNJE, LFL, LFL, PNIG, PNIG, PNIG, PNIG, COPN, COPN, JTS, JTS, JTS, HKT, HKT, HKT, 537A, 537A, 535A, 535A.

Main table for 28d 18h with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like 437A, 437A, 529A, 529A, TXAR, TXAR, 429A, 429A, 331A, 331A, 329A, 329A, 230A, 230A, 133A, 133A, 236A, 236A, LRAL, LRAL, 228A, 228A, Y37A, Y37A, Y35A, Y35A, 129A, 129A, 231A, 231A, 128A, 128A, MIAR, MIAR, MIAR, Y33A, Y33A, Z30A, Z30A, X37A, X37A, X38A, X38A, X36A, X36A, Z29A, Z29A, Y32A, Y32A, OXF, OXF, Y31A, Y31A, MNTX, MNTX, MNTX, Z28A, Z28A, Y30A, Y30A, X33A, X33A, W38A, W38A, X32A, X32A, ROSC, ROSC, W36A, W36A, GOGA, GOGA, W35A, W35A, X31A, X31A, X30A, X30A, MSTX, MSTX, W32A, W32A, V38A, V38A, V36A, V36A, V37A, V37A, V35A, V35A, TUL1, TUL1, W31A, W31A, AMTX, AMTX, AMTX, V33A, V33A, U38A, U38A, U37A, U37A, U36A, U36A, V31A, V31A, U35A, U35A, 121A, 121A, 121A, SDV, SDV, T37A, T37A, T36A, T36A, TKL, TKL, T34A, T34A, U30A, U30A, U29A, U29A, S37A, S37A, S36A, S36A, S35A, S35A, T30A, T30A, ANMO, ANMO, T29A, T29A, R36A, R36A, TUC, TUC, S29A, S29A, S28A, S28A, R32A, R32A, R31A, R31A, Q35A, Q35A, R30A, R30A, T25A, T25A, KSU1, KSU1, R29A, R29A, Q32A, Q32A.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Rows include WHVZ Whangaeahu Hut, NGZ Ngauruhoe, BFZ Birca Farm, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Rows include IGT Igoumenitsa, IGT Igoumenitsa, MAKR Makrakomi, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Rows include BHD Baghdad, BHD SNR=39, IGHG Galeghazi, etc.

IDC 28 18:53:24.5+1.6, 37.46N:20.44E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/29, mbtmp3.6/4, Error ellipse: s-maj=74.0km s-min=28.3km az=128.0

IDC 28 18:55:03.4+1.9, 0.66N:126.14E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/30, mbtmp3.4/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/17, Error ellipse: s-maj=23.5km s-min=22.3km az=66.0, Northern Molucca Sea

IDC 28 19:16:48.8+0.7, 6.49S:147.51E, h0km, mb3.9/9, mb1 4.1/10, mb1mx3.9/30, mbtmp3.9/10, ML4.0/1, MS3.1/4, Ms1 3.1/4, ms1mx2.8/28, Error ellipse: s-maj=27.2km s-min=13.5km az=111.0

ATH 28 18:53:25.8, 37.34N:20.27E, h13km, 1km, MD3.2/14 CSEM 28 18:53:27.6, 0.4, 37.38N:20.39E, h2km, ML3.2, Error ellipse: s-maj=7.8km s-min=3.5km az=54.0

Code Station Name Az El P Res Time Res ISC WRA Warramunga Arr 22.00 159 P 18 59 59.6+0.2

Code Station Name Az El P Res Time Res ISC IRG Iran Long-Peri comp=N,2,207nm,0.3s 4.42 57 e Pg

THE 28 18:53:28.7, 37.41N:20.43E, h0km, 2km, ML3.2/2, Error ellipse: s-maj=3.2km s-min=1.0km az=231.0

Code Station Name Az El P Res Time Res ISC ASAR Alice Springs 25.33 163 P 19 00 32.0 -0.1

Code Station Name Az El P Res Time Res ISC IKLH Kolarhood comp=N,201nm,0.2s 4.67 83 e Pn

STC 28 18:53:26.2, 1.37E:32.20E, 0.05, h4km, 11km, n109, 0.68N/138, mb3.6/4, Ionian Sea

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 15.0 -2.6

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

NNC 28 19:10:53.9, 1.8, 38.59N:70.71E, h154km, 18km, mb2.9, mpv3.8, Error ellipse: s-maj=19.17km s-min=10.7km az=135.0

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

KRNET 28 19:10:54.9, 0.1, 39.02N:70.72E, mb2.9, ISCB 28 19:10:57.1, 1.1, 39.03N:70.07E, h17km, n20, Error ellipse: s-maj=10.3km s-min=7.5km az=160.7

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

ISC 28 19:10:56.6, 1.7, 38.96N:0.10E, h17km, n20, s188/27, 9C-10D, Afghanistan-Tajikistan border region

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 47.0 +7.1

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

Code Station Name Az El P Res Time Res ISC BTK Batken 1.12 12U eP Pn 19 11 30.1 -1.8

Code Station Name Az El P Res Time Res ISC DZET Dzerino 1.34 264 fP Pg 19 11 22.7 +0.3

Code Station Name Az El P Res Time Res ISC IKLH Kuruchov Arra 64.01 328 P 19 05 38.5 -0.2

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Table with columns: CHTO, CHIANG MAI, SNR, Az, El, P, M, Time, Az, El, P, M. Includes stations like CHIANG MAI, GUIYANG, MAJOSHIRO, MATSUHISHIRO, etc.

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Table with columns: ULN, Ulaanbaatar, SNR, Az, El, P, M, Time, Az, El, P, M. Includes stations like Ulaanbaatar, SONGIO ARRAY, ZAKAMENSK, etc.

28d 20h

Table with columns: BRVK, Borovoye, SNR, Az, El, P, M, Time, Az, El, P, M. Includes stations like Borovoye, IKOO, IMYA, etc.

CSEM 28.06:30.8, 0.6, 35.52N, 30.75E, h10km, MD3.4, Error ellipse: s-maj=14.4km s-min=6.4km az=34.0 ISK 28.06:31.2, 35.51N, 30.75E, h24km, MD3.4 ISCJB 28.06:32.4, 0.8, 35.86N, 31.04E, h15km, MD3.4 DDA 28.06:33.6, 35.86N, 31.04E, h15km, MD3.4 ISC 28.06:31.7, 1.2, 35.56N, 0.07, 30.80E, 0.05, h10km, n43, 1510/54, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like H10N3 ASCENSION HYDR15.94 121 T, H10N2 ASCENSION HYDR15.94 120 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like GRRZ Galatos Road 1.34 51 PN, ALRZ Allen Road 1.37 63 PN, POWZ Post Office Ro 1.42 148 PN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like WRA Warramunga Arr 39.67 287 P, WRA Warramunga Arr 1.99m,0.8s,baz=128,slow=7.3,SNR=8.8, etc.

IDC 28 22:51:09.5:1.1, 0.21'64N, 143°27'E, h324km, 118km, mb3.1/8, mb1.3/3.2, mb1mx3.1/39, mbtmp3.8/8, Error ellipse: s-maj=3.8, s-min=20.7, km az=72.0, Mariana Islands region

IDC 28 23:04:48.6, 37°84'N, 173°32'E, h7km, Md2.6, ISK 28 23:04:48.4, 37°90'N, 173°37'E, h5km, MD2.7, CSEM 28 23:04:49.1, 0.3, 37°89'N, 173°34'E, h2km, MD2.7, Error ellipse: s-maj=7.5, s-min=5.3, km az=97.0, h4km, 15km, n20, c0938/28, Turkey

DJA 29 00:00:15.8:1.2, 5°S, 8°10'2E, h37km, 113km, M3.9/7, mb4.3/1, MLV3.7/7, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like SONM Songino Array 39.44 320 Op, WRA Warramunga Arr 42.24 193 P, ZALV Zalesovo Beam 54.31 322 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like URZ Urewera 2.04 64 Op, URZ Urewera 327nm,0.3s,baz=255,slow=3.7,SNR=1514 S, URZ Urewera 2.04 64 eS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like MNAI Manna 0.94 78 Op, KSI Kpahiang 1.06 32 P, LHSI Lahat 1.66 64 P, etc.

IDC 28 23:04:48.2, 1.2, 37.88N, 0.03, 27.36E, 0.07, h4km, 15km, n20, c0938/28, Turkey

IDC 28 23:04:48.6, 37°84'N, 173°32'E, h7km, Md2.6, ISK 28 23:04:48.4, 37°90'N, 173°37'E, h5km, MD2.7, CSEM 28 23:04:49.1, 0.3, 37°89'N, 173°34'E, h2km, MD2.7, Error ellipse: s-maj=7.5, s-min=5.3, km az=97.0, h4km, 15km, n20, c0938/28, Turkey

DJA 29 00:00:15.8:1.2, 5°S, 8°10'2E, h37km, 113km, M3.9/7, mb4.3/1, MLV3.7/7, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like GCAM G7zelcami? 0.20 210 iP, GCAM G7zelcami? 0.20 210 iS, GCAM G7zelcami? 0.20 210 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like URZ Urewera 2.04 64 Op, URZ Urewera 327nm,0.3s,baz=255,slow=3.7,SNR=1514 S, URZ Urewera 2.04 64 eS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like MNAI Manna 0.94 78 Op, KSI Kpahiang 1.06 32 P, LHSI Lahat 1.66 64 P, etc.

NEIC 28 23:26:00.0, 39°12'S, 174°86E, h230km, mb3.6/2, After WEL, NEIC Felt in parts of the North Island, ISCBJ 28 23:26:01.0, 0.2, 39°18'S, 0.03, 174°76E, 0.05, h227km, 2km, mb3.8/11, Error ellipse: s-maj=6.4km, s-min=3.7km az=33.7

IDC 28 23:26:01.7, 0.5, 39°19'S, 174°78E, h227km, 4km, n160, c1928/178, mb3.9/11, 39C-23D, North Island

ISC 29 00:00:39.4:1.5, 12°35'S, 0.3, 167°17'E, 0.2, h220km, n15, c0911/15, mb3.7/10, Santa Cruz Islands

IDC 28 23:26:01.7, 0.5, 39°19'S, 174°78E, h227km, 4km, n160, c1928/178, mb3.9/11, 39C-23D, North Island

IDC 28 23:26:01.7, 0.5, 39°19'S, 174°78E, h227km, 4km, n160, c1928/178, mb3.9/11, 39C-23D, North Island

ISC 29 00:00:39.4:1.5, 12°35'S, 0.3, 167°17'E, 0.2, h220km, n15, c0911/15, mb3.7/10, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like VRZ Vera Road 0.07 344 Op, MHEZ Mangahewa 0.38 288 Op, LREZ Lake Rotokare 0.40 228 Op, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like URZ Urewera 2.04 64 Op, URZ Urewera 327nm,0.3s,baz=255,slow=3.7,SNR=1514 S, URZ Urewera 2.04 64 eS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like CTA Charters Tower 21.42 246 P, WRA Warramunga Arr 32.30 252 P, ASAR Alice Springs 33.42 246 P, etc.

ISC 29 00:22:19.0:0.6, 7°57'S, 0.06, 128°41'E, 0.06, h151km, mb3.8/4, Error ellipse: s-maj=8.0km, s-min=7.8km, az=28.0, IDC 29 00:22:17.0:0.6, 7°55'S, 128°44'E, h134km, 65km, mb3.6/8, mb1.3/7.8, mb1mx3.4/28, mbtmp4.0/8, Error ellipse: s-maj=6.8km, s-min=19.0km, az=66.0, AUST 29 00:22:17.0:0.7, 5.0, 7.50'S, 128°44'E, h114km, Error ellipse: s-maj=1.4km, s-min=0.9km, az=329.0, ISC 29 00:22:19.0:0.8, 7°61'S, 128°46'E, 0.07, h151km, n19, c1977/21, mb3.8/4, Banda Sea

ISC 29 00:22:19.0:0.8, 7°61'S, 128°46'E, 0.07, h151km, n19, c1977/21, mb3.8/4, Banda Sea

ISC 29 00:22:19.0:0.8, 7°61'S, 128°46'E, 0.07, h151km, n19, c1977/21, mb3.8/4, Banda Sea

29d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MTN Manton Dam, FAKI Fak Fak, KDU Kakadu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PGC 29 00:28:24.0, 0.7, 58.91N, 136.97W, etc.

ISCJB 29 00:45:54.0, 0.7, 6.26S, 0.06:130.4E, 0.2, h100km, mb3.1/1, Error ellipse: s-maj=27.3km s-min=7.4km az=5.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, SWI Sorong, etc.

DDA 29 00:53:43.2, 39.32N, 34.06E, h7km, Md 2.9, CSEM 29 00:53:43.0, 2.39, 42N, 34.08E, h5km, MD2.7, Error ellipse: s-maj=4.8km s-min=3.2km az=130.0

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

IDC 29 01:37:11.8, 0.4, 17.80S, 13.79W, h0km, mb4.5/31, mb1.4/31, mb1mx4.5/36, mbtmp4.5/31, MS4.2/27, MS1.4/27, ms1mx4.1/36, Error ellipse: s-maj=14.2km s-min=11.2km az=159.0

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Azm322.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISCBJ 29 01:37:13.0, 0.2, 17.83S, 0.05:13.71W, 0.04, h17km, mb4.7/75, MS4.2/30, Error ellipse: s-maj=7.7km s-min=5.0km az=164.9

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SHEL Horse Pasture, H10S2 ASCENSION HYDR, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, RETA Reutte, WTTA Wattenberg, etc.

ISCJB 29 03:34:39.8, 1.6, 38.25N, 0.06:26.5E, 0.1, h15km, 7km, Error ellipse: s-maj=15.7km s-min=10.4km az=171.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZEY, URLA, DGB, IZM, IZM, IZM, IZM, DKL, DKL, DKL, AYD, AYD, AYD, KULA, KULA, KULA.

IDC 29 03:54:30.5, 1.6, 11.79N, 43.97E, h0km, mb3.7/6, mb1 3.6/6, mb1mx3.6/29, mbtmp3.7/6, MS3.3/2, Ms1 3.3/2, ms1mx2.7/35, Error ellipse: s-maj=45.1km s-min=16.4km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, FURI, FURI, BRTR, OPO, LBTB, TORD, GERES, MKAR, CMAR, SONM.

ISCJB 29 04:01:39.7, 0.8, 1.1, 91.9N, 0.1:1.44, 0.02E, 0.09, h4km, mb3.9/10, MS3.6/13, Error ellipse: s-maj=21.8km s-min=8.5km az=153.1

IDC 29 04:01:40.4, 1.1, 1.1, 85N, 43.98E, h0km, mb4.0/10, mb1 4.2/10, mb1mx3.8/41, mbtmp4.0/10, MS3.6/13, Ms1 3.6/13, ms1mx3.4/29, Error ellipse: s-maj=28.2km s-min=15.0km az=160.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, FURI, FURI, KMBO, ASF, GEYT, BRTR, KBZ, KBZ, PALK, PALK, AKASG, TORD, BOSA, GERES, MKAR, MKAR, ZALV, ZALV, CMAR, NOA, ARCES, SONM, PETK, ASAR.

NNC 29 04:06:38.1, 1.6, 39.15N, 71.49E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.9km s-min=5.7km az=142.0

ISCJB 29 04:06:41.0, 1.2, 39.11N, 0.09:1.71E, 0.09, h35km, Error ellipse: s-maj=15.2km s-min=6.6km az=148.3

ISC 29 04:06:43.5, 2.0, 39.2N, 0.2:1.74E, 0.1, h35km, n10, c150/13, 9C-1D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET, DZET, MNAS, MNAS, AML, UCH, KK31, KK31, KZA, KZA, AAK, AAK, ZALV.

Table with columns: AAK, AAK, USP, TKM2, TKM2. Includes station names and coordinates.

ISCJB 29 04:09:50.9, 1.2, 11.8N, 0.2:44.1E, 0.1, h10km, mb3.9/9, Error ellipse: s-maj=31.2km s-min=8.7km az=157.9

IDC 29 04:09:50.9, 1.5, 11.74N, 44.08E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/40, mbtmp3.9/9, MS3.6/1, Ms1 3.6/1, ms1mx2.8/29, Error ellipse: s-maj=40.2km s-min=15.5km az=161.0

ISC 29 04:09:52.6, 1.1, 11.8N, 0.2:44.1E, 0.1, h10km, n13, c070/13, mb4.0/9, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, FURI, FURI, KMBO, MBAR, BRTR, KBZ, TORD, GERES, BVAR, MKAR, ZALV, CMAR, SONM.

ISCJB 29 04:18:48.8, 2.1, 11.5N, 0.4:44.2E, 0.1, h10km, mb3.6/6, MS3.0/1, Error ellipse: s-maj=52.5km s-min=10.3km az=165.4

IDC 29 04:18:49.0, 2.7, 11.50N, 44.12E, h0km, mb3.7/6, mb1 3.7/6, mb1mx3.6/31, mbtmp3.7/6, MS3.3/2, Ms1 3.3/2, ms1mx2.8/27, Error ellipse: s-maj=69.6km s-min=17.5km az=164.0

ISC 29 04:18:50.4, 2.4, 11.5N, 0.4:44.1E, 0.1, h10km, n8, c151/8, mb3.6/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, KMBO, BRTR, TORD, GERES, MKAR, ZALV, SONM.

MEX 29 04:23:44.8, 0.7, 15.86N, 96.88W, h25km, 15km, MD3.8, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PANG, PANG, HUIG, HUIG, PNIG, TLIG, PCIG.

ISCJB 29 04:44:21.8, 0.7, 11.9N, 0.1:43.99E, 0.07, h4km, mb4.0/14, MS3.5/7, Error ellipse: s-maj=16.8km s-min=8.1km az=153.7

IDC 29 04:44:22.0, 0.9, 11.85N, 43.97E, h0km, mb4.0/14, mb1 4.2/14, mb1mx4.0/35, mbtmp4.0/14, MS3.5/15, Ms1 3.5/15, ms1mx3.3/38, Error ellipse: s-maj=22.9km s-min=13.5km az=163.0

ISC 29 04:44:22.8, 0.8, 11.8N, 0.1:43.93E, 0.09, h4km, n24, c1520/18, mb4.1/14, MS3.5/14, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, ATD, FURI, FURI, KMBO, EIL, ASF, MNM, GEYT, BRTR, BRTR, KBZ, KBZ, AKASG, TORD, BOSA, GERES, GERES, MKAR, MKAR, DBIC, DBIC, ESDC, ZALV.

Table with columns: ZALV, CMAR, CMAR, NOA, ARCES, SONM, SONM, WRA, WRA, PETK, ASAR. Includes station names and coordinates.

DJA 29 04:58:47.9, 0.4, 6.5S, 5.12E, 12E, h15km, n11km, M3.8/8, MLV3.8/8, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBSI, BBSI, BBSI, KDI, BKSI, TTSI.

IDC 29 05:16:39.0, 1.1, 23.15N, 144.12E, h0km, mb3.8/11, mb1 4.0/13, mb1mx3.8/50, mbtmp3.8/13, ML3.7/2, MS3.4/8, Ms1 3.4/8, ms1mx3.0/30, Error ellipse: s-maj=28.2km s-min=24.1km az=82.0

ISCJB 29 05:16:42.4, 0.9, 23.2N, 0.1:144.1E, 0.2, h34km, mb3.8/11, MS3.4/7, Error ellipse: s-maj=24.4km s-min=17.8km az=163.9

ISC 29 05:16:44.1, 1.1, 23.2N, 0.1:144.1E, 0.2, h34km, n22, c077/13, mb3.9/11, MS3.5/7, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, KRSR, KRSR, H11N1, H11N2, H11N3, USRK, SONM, CMAR, WRA, ZALV, MKAR, KURBS, ILAR, BVAR, INK, YKA, ARCES, KBZ, FINES, NOA, SCHO.

NNC 29 05:22:26.3, 7.3, 39.76N, 71.80E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=36.7km s-min=11.6km az=147.0

ISCJB 29 05:22:28.1, 1.1, 39.9N, 0.1:71.7E, 0.1, h10km, mb3.3/2, Error ellipse: s-maj=17.6km s-min=6.6km az=145.4

IDC 29 05:22:28.3, 2.0, 39.17N, 71.43E, h0km, mb3.4/2, mb1 3.5/7, mb1mx3.4/44, mbtmp3.4/7, ML3.1/5, Error ellipse: s-maj=46.5km s-min=16.4km az=138.0

ISC 29 05:22:30.2, 1.3, 39.0N, 0.1:71.47E, 0.08, h10km, n24, c1818/23, 4C-7D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET, DZET, AML, MNAS, UCH, EK2, KK31, KZA, AAK, AAK, AAK, KBK, CHMS, USP, TKM2, TKM2, PDGK, MKAR, KURBS, AB31, BVAR, AKTO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, TORO Ar. Bea, YKA, etc.

TIF 29 05:41:13.8, 42°52'N, 143°52'E, h8km, 1km
ISCJB 29 05:41:14.4, 2.1, 42.7, 143.39E, 0.08, h8km, 5km,
Error ellipse: s-maj=21.8km s-min=9.3km az=172.9

CSEM 29 05:41:14.5, 0.7, 42.65N, 143.37E, h8km, 3km, MD3.0, Error
ellipse: s-maj=28.1km s-min=7.4km az=171.0

DDA 29 05:41:16.4, 42.6, 143.3, h15km, MtD3.0,
ISC 29 05:41:14.4, 1.2, 42.48N, 143.43E, 0.04, h1km, 20km,
n11, c047/22, Western Caucasus

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

BUI 29 05:49:44.9, 5.50S, 145.65E, h74km, mb4.7/10, mb4.9/7,
Ms4.5/3, Ms7.4/3/2

ICD 29 05:49:47.9, 3.0, 5.18S, 145.49E, h52km, 28km, mb3.4/12,
mb1.4/15, mb1mx4.2/28, mbtmp4.5/15, ML, 6.0/2, MS3.2/7,
Ms1.3/2.7, ms1mx3.0/26, Error ellipse: s-maj=19.5km
s-min=15.6km az=62.0

AUST 29 05:49:49.6, 0.0, 5.21S, 145.30E, h58km, Error ellipse:
s-maj=1.0km s-min=0.8km az=233.0

ISCJB 29 05:49:51.0, 0.9, 5.24S, 145.38E, 0.06, h96km, 8km,
mb4.6/21, Error ellipse: s-maj=9.4km s-min=5.6km
az=164.1

NEIC 29 05:49:51.5, 0.9, 5.19S, 145.32E, h83km, 9km, mb4.8/12,
Error ellipse: s-maj=9.9km s-min=6.8km az=105.0

DJA 29 05:50:02.1, 1.4, 6.3S, 13.14E, 1.9, h62km, 18km, MS5.0/9,
mb4.8/9, mb5.1/2, MLV5.0/1, Mw(mb)4.4/2

ISC 29 05:49:50.7, 0.4, 5.20S, 145.36E, 0.06, h75km, 3km,
n75, rtp-P, n81, r1541/94, mb4.6/21, 1C, Eastern New
Guinea region

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

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

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

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

ISCJB 29 06:05:21.4, 1.4, 32°6'N, 121°136'3E, 0.1, h500km, mb2.5/1,
Error ellipse: s-maj=28.3km s-min=11.0km az=157.3

JMA 29 06:05:23.0, 2.0, 32°48'N, 136°21'E, h467km, M3.4,
ICD 29 06:05:26.0, 1.7, 33°09'N, 136°42'E, h503km, 54km, mb2.2/1,
mb1.2/7.4, mb1mx2.4/7.4, mbtmp3.4/4, Error ellipse:
s-maj=71.6km s-min=40.3km az=44.0

ISC 29 06:05:20.9, 2.3, 32°52'N, 121°136'2E, 0.1, h500km, n14,
c174/14, Southeast of Shikoku

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

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

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

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

ICD 29 06:55:04.0, 5.3, 5.53S, 151°23'E, h51km, 45km, mb3.6/6,
mb1.3/9.7, mb1mx3.6/33, mbtmp3.9/7, ML3.6/2, MS3.0/2,
Ms1.3/0.2, ms1mx2.6/26, Error ellipse: s-maj=52.6km
s-min=27.6km az=119.0

AUST 29 06:55:54.6, 8.145S, 149°20'E, h300km
ISC 29 06:55:03.1, 2.5, 75S, 102°02'E, h57km, n20,
c1930/18, mb3.7/6, New Britain region

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

NIED 29 06:06:50.0, 33°90'N, 135°40'E, h53km, Mw4.2 Best double
couple: M2.42000, 1015 NP1=144.00000, 822.00000,
λ-80.00000, NP2=313.00000, 868.00000,
λ-94.00000

ISCJB 29 06:52:40.4, 0.3, 33°90'N, 135°40'E, 0.03, h64km, 3km,
mb4.2/14, Error ellipse: s-maj=4.9km s-min=3.5km
az=169.8

ICD 29 06:52:41.0, 0.7, 33°88'N, 135°45'E, h51km, 6km, mb3.9/9,
mb1.4/14, mb1mx3.8/50, mbtmp4.2/14, MS3.1/6,
Ms1.3/1.6, ms1mx2.8/35, Error ellipse: s-maj=10.9km
s-min=7.8km az=173.0

NEIC 29 06:52:41.6, 0.5, 33°89'N, 135°47'E, h56km, 5km, mb4.3/5,
Error ellipse: s-maj=8.0km s-min=6.5km az=132.0

NEIC Recorded (3 JMA) in Wakayama; [2 JMA] in Kyoto, Mie,
Nara and Osaka; [1 JMA] in Aichi, Hyogo, Shiga and
Tokushima.

JMA 29 06:52:41.8, 33°91'N, 135°42'E, h55km, 1km, M4.1
Broadband fault plane solution: P waves. NP1:
φ=318.00000°, δ=79.00000°, λ=-95.00000°. NP2:
φ=163.00000°, δ=12.00000°, λ=-65.00000°. Principal axes:
T P1g34.0000°, Azm52.0000°, N P1g5.0000°,
Azm319.0000°, P P1g56.0000°, Azm221.0000°

29d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAA Alma-Ata, PRZ Przewalski, PDGK Podgornoye, etc.

NDI 29-09-02:07.5.2.2, 28.37N, 76.23E, h22km, gkm, ML2.0, Northern India

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUDL Kundal, KHET Khethri, BHGR Bahadurgarh, etc.

2010 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROSC El Rosal, SDV Santo Domingo, JMS Matias Romero, etc.

WEL 29 09:55:01.6:0.1, 43.56S, 172.40E, h5km, ML3.7/16, 1C-2D, Error ellipse: s-maj=1.0km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

DJA 29 10:21:59.7:0.5, 8.5S, 107.7E, h58km, 16km, M3, 8/3, MLV3, 8/3

ICD 29 10:22:04.4:6.8, 8.40S; 106.63E, h89km, 55km, mb3.3/6, mb1.3/4.6, mb1mx3.2/38, mbtmp3.6/6, Error ellipse: s-maj=6.1km s-min=1.7km az=60.0

ISC 29 10:22:04.5:2.0, 8.15S, 107.04E, h05km, h58km, 20km, n17, r154/16, mb3.7/5, Jawa

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

JMA 29 10:22:54.0:1.2, 23.71N, 121.87E, h21km, 4km, M2.8, ISCJB 29 10:22:55.0:0.4, 23.72N, 121.86E, 0.13, h29km, 5km, Error ellipse: s-maj=5.2km s-min=2.8km az=13.9

TAP 29 10:22:55.8, 23.75N, 121.81E, h25km, ML3.0, D, Error ellipse: s-maj=5.2km s-min=2.8km az=13.9

ISC 29 10:22:55.6:1.0, 23.73N, 121.84E, 0.03, h28km, gkm, n40, r054/70, 6C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TEGC Jichi Village, HWA Hwaiien, ESF Shoufeng Towns, etc.

1406

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WDF Danda, WHF Hehuan Shan, YUS Yu-Shan, etc.

AUST 29 10:27:15.4:0.5, 8.31S; 106.77E, h2km, Error ellipse: s-maj=0.7km s-min=0.7km az=17.0

DJA 29 10:27:17.1:0.6, 8.73S; 107.7E, h10km, 6km, M5, 4/19, mb5.5/8, mb5.8/7, MLV5.3/19, Mw(m)5.4/7

BUL 29 10:27:18.0:0.8, 10.5S; 106.80E, h36km, mb4.9/49, mb4.9/39, Ms4.7/38, Ms7.4/5/37

MOS 29 10:27:18.0:1.2, 7.81S; 107.11E, h33km, mb5.5/33, MS4.2/4, Error ellipse: s-maj=11.3km s-min=5.9km

ISCJB 29 10:27:21.0:0.4, 8.02S; 104.10E, h66km, 3km, mb4.9/91, Error ellipse: s-maj=6.8km s-min=3.3km az=34.5

ICD 29 10:27:21.9:0.6, 7.97S; 107.06E, h58km, 5km, mb4.5/28, mb1.4/6.30, mb1mx4.6/43, mbtmp4.8/30, MS4.0/24, Ms1.4/0.24, ms1mx3.9/36, Error ellipse: s-maj=13.9km s-min=9.4km az=49.0

GCMT 29 10:27:21.7:0.4, 8.37S; 106.98E, h40km, 1km, MW4.9/57, Moment Tensor Solution, s38, c52, s57, c85; Duration: 0 Moment tensor: Scale: 16Nm; Mr1.60; 1.8; Mw=2.44; 10; Ms=0.84; 16; Ms1.57; 11; Ms1.24; 09; Ms=0.25; 15; Best double couple: Ms2.76000*1018 NP1=96.00000, 830.00000, 120.00000; NP2=96.00000, 830.00000, 120.00000; Principal axes: T 2.1670, Pg67.0000, Azm335.0000; N 1.1870, Plg15.0000; Azm103.0000; P -3.3530, Plg18.0000, Azm197.0000; nst2 refers to surface waves, cutoff=40s.

NEIC 29 10:27:21.7:0.9, 8.02S; 106.93E, h58km, 7km, mb5.0/28, Error ellipse: s-maj=10.1km s-min=4.8km az=220.0

ISC 29 10:27:20.6:0.3, 8.02S; 104.10E, h66km, 2km, h46km, 2km, n498, r145/478, mb5.0/91, MS4.1/27, 20C-21D, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNJI Cibinong, CISI Cisompet, GARU Cisompet, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like TNG, CGJ, XMI, XMIS, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like WRAB, ASAR, QIS, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like NDI, KUDL, BHGR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VLA, MDJ, USRK, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABKAR, YAK, PETK, SYO, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, PKSM, GERS, and others.

29d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Valandovo, Herceg Novi, Niksic, etc.

DJA 29 10:48:48.0±0.6, 8°S, 3°10'7E, h10km, M3.6/5, MLV3.6/5, South of Jawa

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

MEX 29 10:54:20.1±0.6, 16°38'N, 100°21'W, h5km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Cayaco, Mezcala, Puente Sto Nin, etc.

CSEM 29 11:08:46.4±0.3, 32°02'N, 55°74'E, h20km, ML3.5, Error ellipse: s-maj=7.9km s-min=6.5km az=125.0

TEH 29 11:08:45.5, 32°00'N, 55°81'E, h5km, ML3.5, 4C-9D, Northern and central Iran

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

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAFAB, Bafgh, Mehriz, Koh Gabri, etc.

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

ISK 29 11:14:01.9, 38°16'N, 42°95'E, h10km, MD2.6 DDA 29 11:14:02.6, 38°07'N, 42°96'E, h7km, MD2.7

ISCJB 29 11:14:03.0±0.6, 38°09'N, 0°03'43.02E, 0.04, h9km, 6km, Error ellipse: s-maj=5.7km s-min=4.4km az=15.3

CSEM 29 11:14:03.0±0.3, 38°11'N, 43°07'E, h2km, MD2.7, Error ellipse: s-maj=7.3km s-min=6.2km az=101.0

ISC 29 11:14:03.0±0.9, 38°10'N, 0°02'43.04E, 0.03, h16km, gkm, n23, ±1°18/39, Turkey

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

ISCJB 29 11:16:37.9±0.5, 19°92'S, 0°06'133.81E, 0.05, h12km, mb4.0/4, MS3.3/1, Error ellipse: s-maj=8.5km s-min=6.9km az=15.4

AUST 29 11:16:37.8±1.1, 19°90'S, 133°72'E, h0km, Error ellipse: s-maj=0.9km s-min=0.8km az=39.0

IDC 29 11:16:37.8±0.9, 19°90'S, 133°87'E, h0km, mb4.0/4, mb1.4/1.6, mb1mx3.8/3.7, mbtmpp4.0/6, ML4.0/2, MS3.4/1, Ms1.3/4.1, ms1mx2.6/2.6, Error ellipse: s-maj=7.9km s-min=4.0km az=99.0

ISC 29 11:16:39.4±0.7, 19°98'S, 0°06'133.77E, 0.06, h12km, n23, ±2°15/22, MB4.1/4, Northern Territory

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

WEL 29 12:21:50.0±0.5,36.58S;177.64E,h166km,5km,ML3.7/17, 1C,Error ellipse: s-maj=4.3km s-min=3.7km az=0.0,Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MXZ, HAZ, PKGZ, etc.

ISC 29 12:29:20.8±2.0,36.65N;71.88E,h0km,mb3.7/6, mb1 3.9/13,mb1mx3.6/47,mbtmp3.8/13,ML3.2/6,MS3.3/4, Ms1 3.3/4,ms1mx2.7/38,Error ellipse: s-maj=40.0km s-min=20.3km az=142.0

ISC/JB 29 12:29:22.6±0.5,36.92N;0.05;71.64E,0.07,h10km, mb3.6/6,MS3.9/2,Error ellipse: s-maj=9.2km s-min=4.4km az=142.2

NNC 29 12:29:28.1±4.0,37.27N;71.55E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=34.5km s-min=15.4km az=142.0

ISC 29 12:29:22.0±0.9,36.76N;0.08;71.79E,0.07,h10km,n31, c2514/26,mb3.7/6,6C-5D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZET, MNAS, AAK, etc.

Table with columns: NOA, LEM, DAV, TORD, ILAR, YKA. Lists stations like NORSAR Array B, Lembang, Davao City (W), etc.

CSEM 29 12:29:59.0±0.7,59.33N;27.83E,h1km,ML2.1,Error ellipse: s-maj=18.6km s-min=10.9km az=91.0,Minning explosion

NAO 29 12:30:03.9±1.1,59.31N;27.00E,ML2.1, HEL 29 12:30:03.6±0.3,59.34N;27.18E,h0km,ML1.8,Explosion BER 29 12:30:05.1±2.7,59.32N;27.05E,h0km,ML2.1(NAO), Suspected explosion

ISC 29 12:30:03.5±1.0,59.33N;0.03;27.15E,0.06,h0km,n30, c1945/41,Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like VSU, PVF, SRPE, etc.

ISC 29 12:32:22.4±3.3,9.40N;93.13E,h71km,31km,mb3.4/7, mb1 3.6/9,mb1mx3.3/44,mbtmp3.7/9,ML3.9/2,Error ellipse: s-maj=32.7km s-min=16.9km az=63.0

ISC 29 12:32:20.2±0.6,9.51N;0.2;93.2E,0.1,h45km,n13, c1920/13,mb3.7/7,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, PALK, H0S3, etc.

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

DJA 29 13:08:20.5±0.3,9°S;4°11'7"E,h10km,M3.9/8,MLv3.9/8, Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TWSI, WBSI, DNP, etc.

TRN 29 13:39:46.0±18.71N;64.42W,h2km, ISC 29 13:39:46.6±0.9,18.82N;0.1;64.39W,0.03,h35km,Error ellipse: s-maj=14.0km s-min=4.6km az=2.3

RSPPR 29 13:39:48.0±18.82N;64.40W,h12km,3km,MD3.5/10, NEIC 29 13:39:48.0±18.82N;64.40W,h12km,MD3.5(RSPR), After RSPR

NEIC Feil [I] at Fajardo, Puerto Rico. ISC 29 13:39:49.2±1.7,18.81N;0.1;64.41W,0.04,h35km,n53, c0846/1,34C-9D,Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like STVI, MTP, SMRT, etc.

DJA 29 13:39:50.8±0.8,5°S;107°E,h10km,M3.7/8,MLv3.8/4, MLv3.7/8,South of Java

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

CHTO	Chiang Mai	59.95 260	P	P	15 05 29.5 +0.9	MSTX	Muleshoe	65.33 66	P	P	15 06 04.5 +0.1	NEY	Neytrino	70.17 318	P	P	15 06 36.7 +1.9
CHTO	Chiang Mai	59.95 260	eP	P	15 05 29.4 +0.9	MNTX	Cornudas Mount	65.66 69	P	P	15 06 07.7 +1.2	BBKI	Banjia Baru	70.23 232	P	P	15 06 31.5 -3.8
CHTO	Chiang Mai	59.95 260	e	Pmax	15 05 43.0	MNTX	Cornudas Mount	65.66 69	eP	P	15 06 07.6 +1.1	533A	Kerrville	70.34 66	P	P	15 06 36.1 +0.2
CHTO	Chiang Mai	59.95 260	e	P	15 05 29.4 +0.9	R36A	Gordon, Harris	65.69 58	P	P	15 06 06.4 -0.1	632A	Uvalde	70.39 67	P	P	15 06 36.3 +0.2
G33A	Ortonville	59.99 53	P	P	15 05 43.0	T34A	McClaskey Farm	65.87 60	P	P	15 06 07.7 +0.1	632A	Uvalde	70.39 67	P	P	15 06 36.3 +0.2
C37A	Embarrass	60.01 49	P	P	15 05 28.6 -0.1	W31A	Holland Ranch,	65.88 63	P	P	15 06 07.8 0.0	ONI	Oni	70.43 317	P	P	15 06 37.7 +1.4
H32A	Carlson Farm,	60.04 55	P	P	15 05 29.0 +0.2	X30A	Collier Ranch, T	65.96 64	P	P	15 06 08.7 +0.3	DGRG	David-gareji	70.61 315	eP	P	15 06 38.4 +1.0
F34A	Alexandria	60.09 52	P	P	15 05 29.5 +0.3	W32A	Sentinel	66.29 63	P	P	15 06 11.2 +0.7	DGRG	David-gareji	70.61 315	eP	P	15 06 38.5 +1.0
EYMN	Ely	60.15 48	P	P	15 05 29.7 +0.2	X31A	McDonald Ranch	66.29 63	P	P	15 06 10.8 +0.4	TBLG	Delisi	70.64 316	eP	P	15 06 38.8 +1.3
CMAR	Chiang Mai Arr	60.23 260	P	P	15 05 31.4 +0.9	Z29A	Hungry Hill Ra	66.44 66	P	P	15 06 11.9 +0.4	TBLG	Delisi	70.64 316	eP	P	15 06 38.8 +1.3
H33A	Prehn Over Nor	60.23 54	P	P	15 05 30.6 +0.4	128A	Castleberry Fa	66.52 67	P	P	15 06 12.5 +0.5	534A	Blanco	70.67 65	P	P	15 06 38.0 +0.1
S22A	4UR Ranch, Cre	60.32 66	P	P	15 05 32.7 +1.4	Z30A	Sanderson Ranc	66.72 65	P	P	15 06 13.4 +0.1	SORM	Soroa	70.83 300	P	P	15 06 38.4 -0.1
D37A	Cotton	60.34 50	P	P	15 05 31.1 +0.2	X32A	Elmer	66.81 63	P	P	15 06 13.7 -0.1	CHVG	Ch'k'valeri	70.86 318	P	P	15 06 40.3 +1.5
C38A	Sawbill Land.	60.42 48	P	P	15 05 31.4 0.0	WMOK	Wichita Mounta	66.83 62	eP	Pmax	732A	Ch'k'valeri	70.86 318	P	P	15 06 40.3 +1.5	
ODAN	Odare	60.44 275	eP	P	15 05 31.3 -0.8	WMOK	Wichita Mounta	66.83 62	eP	P	15 06 14.1 +0.2	KWP	Kawaria Pacla	71.01 334	eP	P	15 06 41.3 +1.6
E36A	McGregor	60.45 50	P	P	15 05 32.0 +0.4	WMOK	Wichita Mounta	66.83 62	eP	P	15 06 14.1 +0.2	KWP	Kawaria Pacla	71.01 334	eP	P	15 06 41.3 +1.6
GUN	Gumba	60.52 277	eP	P	15 05 31.6 -1.2	228A	UT Block 9, G	66.85 67	P	P	15 06 21.5	WWT	Waverly	71.14 54	eP	P	15 06 40.9 +0.3
CHAI	Chaiyaphum	60.54 255	P	P	15 05 34.3 +1.7	HDIL	Hopedale	66.90 52	P	P	15 06 13.4 +0.1	535A	Dale	71.15 65	P	P	15 06 40.3 -0.4
PBKT	Sadao Pong	60.58 257	P	P	15 05 34.5 +1.7	T37A	Cheneville 18	66.92 58	P	P	15 06 13.9 -0.4	239A	Gan	71.18 61	P	P	15 06 40.4 -0.5
M29A	Burnside Ranch	60.74 59	P	P	15 05 34.3 +0.5	Y32A	R-V Farms, Ver	67.05 63	P	P	15 06 13.5 -0.9	832A	Faith Ranch, C	71.25 68	P	P	15 06 40.9 -0.5
RAMN	Ramite	60.83 276	eP	P	15 05 33.7 -1.1	Z31A	Sharp Cattle R	67.22 64	P	P	15 06 15.2 -0.1	KSP	Ksiaz	71.39 339	eP	P	15 06 44.6 +2.8
F36A	Milaca	60.83 51	P	P	15 05 34.3 0.0	Z31A	Sharp Cattle R	67.22 64	P	P	15 06 15.9 -0.5	KSP	Ksiaz	71.39 339	eP	P	15 06 44.6 +2.8
C39A	Grand Marais	60.84 48	P	P	15 05 34.1 -0.1	U37A	Salina	67.39 59	P	P	15 06 16.9 -0.5	AKH	Akhalkalaki	71.41 316	eP	P	15 06 39.9 -5.5
G35A	Watkins	60.88 52	P	P	15 05 34.9 +0.3	TUL1	Tulsa	67.44 60	P	P	15 06 17.1 -0.6	AKH	Akhalkalaki	71.41 316	eP	P	15 06 39.9 -5.5
KKN	Kakani	60.95 278	eP	P	15 05 34.9 -0.7	V36A	Jenks	67.46 60	P	P	15 06 17.5 -0.3	AKH	Akhalkalaki	71.41 316	eP	P	15 06 44.2 +2.0
ECSD	EROS Data Cent	61.01 55	P	P	15 05 35.8 +0.3	Y33A	Hilltop Ranch,	67.47 63	P	P	15 06 17.7 -0.3	STHS	Stebnicka Huta	71.58 335	eP	Pmax	15 06 44.9 +1.8
SDCO	Great Sand Dun	61.02 65	P	P	15 05 37.1 +1.1	W35A	Tecumseh	67.48 61	P	P	15 06 17.7 -0.3	STHS	Stebnicka Huta	71.58 335	eP	P	15 06 44.9 +1.8
PKI	Pulchoki	61.05 278	eP	P	15 05 35.4 -0.9	Z32A	Haskell	67.58 64	P	P	15 06 18.7 0.0	STHS	Stebnicka Huta	71.58 335	eP	P	15 06 44.9 +1.8
H35A	Sunnyside Ranc	61.12 53	P	P	15 05 36.5 +0.3	131A	Roby	67.59 65	P	P	15 06 18.7 0.0	CLL	Colim	71.61 341	eP	P	15 06 49.0 +5.8
J33A	Davis	61.15 55	P	P	15 05 36.5 0.0	329A	Wagon Wheel Ra	67.66 67	P	P	15 06 18.5 -0.2	CLL	Colim	71.61 341	eP	P	15 06 49.0 +5.8
GKN	Gorkha	61.16 278	eP	P	15 05 36.0 -0.9	U38A	Gravette	67.72 58	P	P	15 06 19.7 +0.4	CLL	Colim	71.61 341	eP	P	15 06 49.0 +5.8
O28A	Krutsinger Ran	61.18 61	P	P	15 05 37.5 +0.7	V37A	Hulbert	67.78 59	P	P	15 06 19.9 -0.2	KOLS	Kolonick sedl	71.77 334	eP	P	15 06 45.9 +1.7
DMN	Daman	61.19 278	eP	P	15 05 36.0 -1.2	GEYT	Ahtbeck	67.79 304	P	P	15 06 19.7 +0.4	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
214A	Organ Pipe Nat	61.35 74	P	P	15 05 39.3 +1.3	329A	Wagon Wheel Ra	67.66 67	P	P	15 06 19.7 +0.4	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
KOLN	Koldanda	61.94 279	eP	P	15 05 41.3 -0.9	230A	Sterling City	67.82 66	P	P	15 06 19.5 -0.4	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
VSU	Vasula	61.99 336	eP	Pmax	15 05 42.7 +0.9	W36A	Berling	67.82 60	P	P	15 06 20.6 +0.4	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
P29A	Atwood	62.00 60	P	P	15 05 41.9 -0.4	IEMG	Emangholi	67.94 304	eP	P	15 06 20.3 +0.2	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
O30A	NW Ranch, Wils	62.01 59	P	P	15 05 42.1 -0.3	Y34A	Reagan Ranch,	67.96 62	P	P	15 06 21.2 0.0	DPC	Dobruska-Polom	71.84 338	eP	P	15 06 47.4 +2.7
K34A	Le Mars	62.05 55	P	P	15 05 41.7 -0.8	CCM	Cathedral Cave	67.97 55	eP	Pmax	15 06 21.1 +0.1	GNI	Garni	71.97 315	eP	Pmax	15 06 47.3 +1.6
T25A	Trinidad	62.05 65	P	P	15 05 43.6 +0.7	CCM	Cathedral Cave	67.97 55	eP	P	15 06 20.4 -0.6	GNI	Garni	71.97 315	eP	P	15 06 47.3 +1.6
UMPA	Umpang Tak	62.07 258	P	P	15 05 46.3 +3.3	CCM	Cathedral Cave	67.97 55	eP	P	15 06 20.4 -0.6	MORC	Moravsky Berou	72.11 337	eP	Pmax	15 06 47.5 +1.8
H37A	Dierke Farm, C	62.09 52	P	P	15 05 43.2 +0.5	ABTX	Ablene, Hawle	68.02 65	P	P	15 06 21.5 0.0	MORC	Moravsky Berou	72.11 337	eP	Pmax	15 06 47.5 +1.8
TUC	Tucson	62.22 73	eP	P	15 05 44.5 +0.6	SPIN	Scholer Farm	68.04 51	P	P	15 06 21.4 -0.1	MORC	Moravsky Berou	72.11 337	eP	Pmax	15 06 47.5 +1.8
TUC	Tucson	62.22 73	eP	Pmax	15 05 59.2	IMYA	Miami	68.08 302	eP	P	15 06 21.4 -0.1	MORC	Moravsky Berou	72.11 337	eP	Pmax	15 06 47.5 +1.8
TUC	Tucson	62.22 73	eP	Pmax	15 05 44.5 +0.6	V38A	Canehill	68.17 59	P	P	15 06 22.3 +0.4	834A	Titel	72.14 67	P	P	15 06 48.0 +1.2
TUC	Tucson	62.22 73	eP	P	15 05 44.5 +0.6	X36A	Centrahoma	68.20 61	P	P	15 06 22.1 -0.5	933A	Laredo	72.16 68	P	P	15 06 47.8 +1.0
OBN	Obninsk	62.24 329	eP	P	15 05 59.2	AKAS	Malin Array Be	68.27 330	P	P	15 06 22.3 -0.4	BURAR	Bucovina Array	72.19 332	eP	P	15 06 47.5 +0.6
OBN	Obninsk	62.24 329	eS	S	15 07 57.2	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336	eP	P	15 06 49.2 +2.0	
OBN	Obninsk	62.24 329	eS	S	15 14 08.6 +2.1	KIEV	Kiev	68.28 330	eP	Pmax	LANS	Liptovska Anna	72.26 336				

29d 15h

QSPA South Pole Qui 144.29 180 PKP PKPab 15 14 54.4 -0.2
VNA3 Neumayer Olymp 162.94 188 P PKPab 15 16 11.4 -0.9
VNA2 Neumayer-Watz 163.03 191 P PKPab 15 16 12.2 -0.5

NIED 29 15:02:00, 33.90N, 141.80E, h5km, Mw4.8 Best double couple: Mo:1.61000x10^16 NP1:0.194,00000^0, 0.45,00000^0, lambda:1.05,00000^0. NP2:0.354,00000^0, 0.47,00000^0, lambda:1.76,00000^0.
IDC 29 15:02:04.8, 0.4, 33.83N, 141.64E, h0km, mb4.6/30, mb1 4.7/33, mb1mx4.6/49, mb1mp4.6/33, ML4.0/2, MS4.5/16, Ms1 4.5/16, ms1mx4.1/46, Error ellipse: s-maj=12.8km

JMA 29 15:02:07.7, 0.4, 33.89N, 141.75E, h2km, M4.5
MOS 29 15:02:07.9, 1.0, 33.78N, 141.59E, h31km, mb5.3/59, MS4.9/18, Error ellipse: s-maj=8.1km s-min=4.0km az=119.0

BJJ 29 15:02:07.7, 33.64N, 141.70E, h43km, mb4.7/64, mB4.9/54, Ms4.9/68, Ms7.4/764
ISCBJ 29 15:02:09.0, 0.5, 33.78N, 141.56E, h37km, mb5.4km, mb4.9/148, MS4.8/30, Error ellipse: s-maj=4.0km s-min=3.4km az=162.3

NEIC 29 15:02:11.0, 0.7, 33.79N, 141.52E, h40km, mb5.1/67, MW4.7(NIED), Error ellipse: s-maj=4.8km s-min=4.1km az=136.0
NEIC Felt [11] at Yokosuka. Also felt at Fujisawa, Yaita and Zama

GCMT 29 15:02:11.0, 0.4, 33.94N, 141.87E, h21km, 1km, MW4.9/72, Moment Tensor Solution, s19, c22: s72, c101: Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.53; 16; Mw:0.44; 0.9; Mw:2.05; 10; Mo:0.61; 18; Mw:0.14; 0.6; Mw:1.28; 15; Best double couple: Mo:2.69000x10^16 NP1:0.345,00000^0, 0.61,00000^0, lambda:1.82,00000^0. NP2:0.181,00000^0, 0.30,00000^0, lambda:1.03,00000^0. Principal axes: T 2.9530, Plg73.0000^0, Azm236.0000^0, N -0.5240, Plg7.0000^0, Azm349.0000^0; P -2.4270, Plg15.0000^0, Azm81.0000^0; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

BGR 29 15:02:13.5, 34.00N, 140.59E, h33km, mb5.1
ISC 29 15:02:11.2, 0.4, 33.85N, 141.57E, 0.04, h42km, 2km, h42km; p-P, n442, c19131/506, mb4.9/149, MS4.8/30, 29C-13D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various seismic stations and their associated data points.

2010 NOV

Main table of seismic events for 2010 NOV. Columns include station codes (e.g., SNY, DL2, BJI), station names (e.g., Dalian, Beijing, Hailar), time (e.g., 16.82 293), magnitude (e.g., P, S), and residual (e.g., 15 06 09.5 +4.3).

1418

Table of seismic events for 1418. Columns include station codes (e.g., SONM, SEY, SEY), station names (e.g., Songino Array, Seymchan, Seymchan), time (e.g., 29.77 309), magnitude (e.g., P, P), and residual (e.g., 15 08 14.8 +1.0).

29d 16h

Table with columns: ID, Name, Time, Res, and various status codes. Includes entries like Camas Ranch, Flin Flon, Battle Mountain, etc.

2010 NOV

Table with columns: ID, Name, Time, Res, and various status codes. Includes entries like Dobruska-Polom, Paradox Valley, Warroad, etc.

1420

Table with columns: Code, Station Name, Time, Res, and various status codes. Includes entries like DZM, WRA, WND, etc.

OUR	Ouranopolis	0.37 124	P	Pg	16 03 41.8	0.0
OUR			S	Pg	16 03 47.0	+0.2
THE	Thessaloniki	0.48 281	ePB	Sg	16 03 42.8	-0.9
THE	Thessaloniki	0.48 281	eSB	Pg	16 03 49.7	-0.3
THE	Thessaloniki	0.48 281	P	Sg	16 03 43.2	-0.5
THE	Thessaloniki	0.48 281	ePB	Pg	16 03 42.8	-0.9
THE	Thessaloniki	0.48 281	P	Pg	16 03 43.2	-0.5
THE	Thessaloniki	0.48 281	ePB	Pg	16 03 43.2	-0.5
SRS	Serrai	0.57 1	ePN	Sg	16 03 44.7	-0.8
SRS	Serrai	0.57 1	eSN	Sg	16 03 53.5	+0.4
SRS	Serrai	0.57 1	S	Sg	16 03 49.5	-0.4
SRS	Serrai	0.57 1	S	Sg	16 03 52.4	-0.7
SRS	Serrai	0.57 1	P	Sg	16 03 44.7	-0.8
SRS	Serrai	0.57 1	S	Sg	16 03 52.4	-0.7
SRS	Serrai	0.57 1	P	Sg	16 03 44.7	-0.8
SRS	Serrai	0.57 1	S	Sg	16 03 52.4	-0.7
PAIG	Paliouri	0.62 173	ePN	Sg	16 03 53.5	+0.4
PAIG	Paliouri	0.62 173	eSN	Sg	16 03 54.2	-0.4
PAIG	Paliouri	0.62 173	P	Sg	16 03 45.9	-0.5
PAIG	Paliouri	0.62 173	S	Sg	16 03 54.5	-0.1
PAIG	Paliouri	0.62 173	P	Sg	16 03 45.9	-0.5
PAIG	Paliouri	0.62 173	eSN	Sg	16 03 54.2	-0.4
KNT	Kendrikon	0.80 320	P	Pg	16 03 48.7	-1.2
KNT	Kendrikon	0.80 320	P	Pg	16 03 48.7	-1.2
NVR	Nevrokopi	0.83 15	ePN	Pg	16 03 49.4	-1.0
NVR	Nevrokopi	0.83 15	eSN	Pg	16 04 00.7	-0.6
NVR	Nevrokopi	0.83 15	S	Pg	16 03 49.4	-1.0
NVR	Nevrokopi	0.83 15	S	Sg	16 04 00.9	-0.4
NVR	Nevrokopi	0.83 15	S	Sg	16 04 00.9	-0.4
NVR	Nevrokopi	0.83 15	S	Sg	16 04 00.9	-0.4
KAVA	Kavala	0.84 57	P	Sg	16 03 49.8	-0.8
KAVA	Kavala	0.84 57	P	Sg	16 04 01.6	0.0
KAVA	Kavala	0.84 57	P	Sg	16 03 49.8	-0.8
KAVA	Kavala	0.84 57	P	Sg	16 03 49.8	-0.8
GRG	Griva	0.98 295	ePN	Pg	16 03 52.5	-0.8
GRG	Griva	0.98 295	P	Sb	16 04 07.1	+0.8
GRG	Griva	0.98 295	P	Sb	16 03 52.5	-0.8
GRG	Griva	0.98 295	P	Sb	16 04 07.1	+0.8
GRG	Griva	0.98 295	P	Sb	16 03 52.5	-0.8
GRG	Griva	0.98 295	P	Sb	16 04 07.1	+0.8
MUS	Musomiste	1.05 6	Pg	Pg	16 03 52.8	-1.8
MUS	Musomiste	1.05 6	Pg	Pg	16 03 52.8	-1.8
VAY	Valandovo	1.09 316	iPg	Pg	16 03 54.6	-0.7
VAY	Valandovo	1.09 316	iPg	Pg	16 04 10.6	+1.3
VAY	Valandovo	1.09 316	iPg	Pg	16 03 54.6	-0.7
VAY	Valandovo	1.09 316	iPg	Pg	16 04 10.6	+1.3
VAY	Valandovo	1.09 316	iPg	Pg	16 03 54.6	-0.7
VAY	Valandovo	1.09 316	iPg	Pg	16 04 10.6	+1.3
XOR	Xorichti	1.22 194	ePN	Pg	16 03 56.4	-1.3
XOR	Xorichti	1.22 194	P	Sn	16 04 13.9	+0.9
XOR	Xorichti	1.22 194	P	Sn	16 03 56.4	-1.3
XOR	Xorichti	1.22 194	P	Sn	16 04 13.9	+0.9
XOR	Xorichti	1.22 194	P	Sn	16 03 56.4	-1.3
XOR	Xorichti	1.22 194	P	Sn	16 04 13.9	+0.9
NEO	Neokhori	1.27 193	ePN	Pg	16 03 57.6	-0.2
NEO	Neokhori	1.27 193	ePN	Pg	16 03 57.6	-0.2
KKB	Krupnik	1.37 344	Pg	Pn	16 03 58.9	-0.4
KKB	Krupnik	1.37 344	Pg	Pn	16 03 58.9	-0.4
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
SKIA	Skiathos	1.38 184	ePN	Pn	16 03 58.7	-0.6
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
LIA	Limnos Island	1.39 117	P	Pn	16 03 58.6	-0.8
AOS	Alonnissos	1.39 170	ePN	Pn	16 03 58.8	-0.7
AOS	Alonnissos	1.39 170	P	Pn	16 03 58.7	-0.7
AOS	Alonnissos	1.39 170	P	Pn	16 03 58.7	-0.7
AOS	Alonnissos	1.39 170	P	Pn	16 03 58.7	-0.7
AOS	Alonnissos	1.39 170	P	Pn	16 03 58.7	-0.7
AOS	Alonnissos	1.39 170	P	Pn	16 03 58.7	-0.7
KZN	Kozani	1.40 261	ePN	Pn	16 04 00.1	+0.4
KZN	Kozani	1.40 261	P	Pn	16 03 58.8	-0.9
KZN	Kozani	1.40 261	P	Pn	16 03 58.8	-0.9
KZN	Kozani	1.40 261	P	Pn	16 03 58.8	-0.9
KZN	Kozani	1.40 261	P	Pn	16 03 58.8	-0.9
KZN	Kozani	1.40 261	P	Pn	16 03 58.8	-0.9
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
RZN	Rozhen	1.43 37	P	Pn	16 04 00.3	+0.8
SMTH	Samothraki Isl	1.49 92	ePN	Pn	16 04 00.8	-0.1
SMTH	Samothraki Isl	1.49 92	ePN	Pn	16 04 21.9	+0.4
SMTH	Samothraki Isl	1.49 92	P	Sb	16 04 20.9	+0.2
SMTH	Samothraki Isl	1.49 92	P	Sb	16 04 00.8	-0.1
SMTH	Samothraki Isl	1.49 92	P	Sb	16 04 20.9	+0.2
SMTH	Samothraki Isl	1.49 92	P	Sb	16 04 00.8	-0.1
THL	Klokotos Trika	1.55 231	ePN	Pn	16 04 01.6	-0.1
THL	Klokotos Trika	1.55 231	eSN	Pn	16 04 22.1	+0.4
THL	Klokotos Trika	1.55 231	P	Pn	16 04 01.7	0.0
THL	Klokotos Trika	1.55 231	P	Pn	16 04 22.1	+0.4
THL	Klokotos Trika	1.55 231	P	Pn	16 04 01.7	0.0
THL	Klokotos Trika	1.55 231	P	Pn	16 04 22.1	+0.4
THL	Klokotos Trika	1.55 231	P	Pn	16 04 01.7	0.0
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
SMIA	Simia	1.69 190	ePN	Pn	16 04 03.7	+0.1
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
FNA	Florina	1.89 279	ePN	Pn	16 04 05.9	-0.8
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 05.9	-0.8
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 03.2	-1.6
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 05.9	-0.8
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 03.2	-1.6
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 05.9	-0.8
KDZ	Kurdzhali	1.77 51	P	Pb	16 04 03.2	-1.6
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
PLD	Plodiv	1.77 28	P	Pg	16 04 07.9	-0.4
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
AGG	Agios Georgios	1.80 213	ePN	Pn	16 04 05.1	-0.1
MRKA	Markates	1.84 180	ePB	Pn	16 04 05.3	-0.3
MAKR	Makrakomi, Fth	1.89 217	ePN	Pn	16 04 07.2	+0.8
MAKR	Makrakomi, Fth	1.89 217	ePN	Pn	16 04 07.2	+0.8
ALN	Alexandroupoli	1.91 79	ePN	Pn	16 04 05.8	-0.8
ALN	Alexandroupoli	1.91 79	P	Pn	16 04 05.8	-0.8
ALN	Alexandroupoli	1.91 79	P	Pn	16 04 05.8	-0.8
ALN	Alexandroupoli	1.91 79	P	Pn	16 04 05.8	-0.8
ALN	Alexandroupoli	1.91 79	P	Pn	16 04 05.8	-0.8
ALN	Alexandroupoli	1.91 79	P	Pn	16 04 05.8	-0.8
LKR	Lokris	1.94 194	ePB	Pn	16 04 06.8	-0.3
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
PGB	Panagyurishte	2.05 12	ePN	Pn	16 04 08.6	+0.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
VTS	Vitosha	2.06 352	P	Pn	16 04 10.1	+1.2
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
DIM	Dimitrovgrad	2.10 44	P	Pg	16 04 13.7	-1.0
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 10.2	+0.5
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 11.8	+1.0
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 10.2	+0.5
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 11.8	+1.0
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 10.2	+0.5
EVR	Evyritsa	2.12 221	ePN	Pn	16 04 11.8	+1.0
ERE	Ereritza	2.14 173	ePB	Pn	16 04 09.8	-0.1
ERE	Ereritza	2.14 173	P	Pn	16 04 09.7	-0.1
ERE	Ereritza	2.14 173	P	Pn	16 04 09.7	-0.1
ERE	Ereritza	2.14 173	P	Pn	16 04 09.7	-0.1
ERE	Ereritza	2.14 173	P	Pn	16 04 09.7	-0.1
ERE	Ereritza	2.14 173	P	Pn	16 04 09.7	-0.1
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
GELI	Tayfur-Gelibol	2.21 93	ePN	Pn	16 04 11.8	+1.0
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
EZN	Ezine	2.22 108	ePN	Pn	16 04 15.4	-1.5
ERIK	Erikli-Kesani	2.24 86	ePN	Pn	16 04 17.8	+0.6

29d 19h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TUL1, Z30A, U37A, X32A, W34A, Y31A, CCM, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like M37A, N35A, O33A, P32A, R29A, TUC, JFWWS, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BC3, H32A, MONP, BAR, G34A, J29A, IRM, I30A, F35A, G33A, N23A, F34A, E36A, J28A, SUSD, BELC, PFO, PFO, I29A, J27A, G32A, F33A, C39A, D37A, E35A, O20A, GMRC, G31A, I28A, MURC, VNSA, C38A, F32A, H29A, J26A, G30A, D35A, SRU, SRU, C37A, EYMN, EYMN, E33A, HEC, I27A, H28A, C26A, F31A, J25A, TUQ, CCUT, CIS, MSU, MSU, I26A, BFSC, C35A, G28A, D33A, SHPR, H27A, GSC, E31A, F29A, VAH, K22A, RSSD, RSSD, E30A, B35A, D31A, C33A, PMOR, EDW2, F28A, G27A, H25A, E29A, LRMC, G26A, OSI, B34A, TORD.

29d 20h

IDC 29 19:59:42.9.2.0.43:56N-105:59W,h0km,mb1 3.3/3, mb1mx3.2/50,mbtpp3.0/3,ML2.9/3, Error ellipse: s-maj=46.1km s-min=8.6km az=151.0 NEIC 29 19:59:42.3.0.6.43:58N-105:33W,h0km,ML2.8, Error ellipse: s-maj=9.3km s-min=7.9km az=129.0, Suspected Mining explosion. NEIC 80 km [50 miles] ENE of Midwest. ISC 29 19:59:41.8.1.0.43:59N-105:29W,0.06,h0km,n26, r1940/26, Wyoming

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

IDC 29 20:08:05.9.4.0.31:89S-139:55E,h0km,mb1 3.8/4, mb1mx3.6/31,mbtpp3.6/4,ML3.7/4, Error ellipse: s-maj=60.1km s-min=13.7km az=19.0, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations in South Australia.

MOS 29 20:11:44.2.1.1.16:56S-174:25W,h71km,mb5.4/23, Error ellipse: s-maj=9.5km s-min=8.1km az=56.8

ISCJB 29 20:11:48.9.0.2.16:68S-174:19W,0.03,h117km, mb5.0/132, Error ellipse: s-maj=6.3km s-min=3.8km az=158.4

BGR 29 20:11:49.6.17:57S-174:04W,h129km,2km. IDC 29 20:11:49.8.0.5.16:67S-174:16W,h115km,4km,mb4.5/31, mb1 4.6/32,mb1mx3.6/45,mbtpp4.9/32,MS3.6/17, Ms1 3.6/17,ms1mx3.5/39, Error ellipse: s-maj=12.3km s-min=8.6km az=152.0

NEIC 29 20:11:50.1.0.2.16:66S-174:22W,mb5.0/87, Error ellipse: s-maj=8.3km s-min=4.3km az=152.0 BUI 29 20:11:50.1.16:29S-174:13W,h119km,mb4.9/33, mb5.2/24

GCMT 29 20:11:50.1.0.2.16:58S-173:71W,h130km,2km. MW5-193, Moment Tensor Solution, s1:c67, s3:c146; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-1.47z-17; Mw-0.51z-19; Ms-1.98z-18; Mn-2.99z-12; Mv-1.65z-17; Mr-4.21z-11; Best double couple: Mc5.56200x10^16 Np1.3z-24.00000°,s84.00000°,l-68.00000°. NP2: e=128.00000°,Az=202.00000°,lambda=165.00000°. Principal axes: T 4.8260,Plg35.0000°,Az=95.0000°; N 1.4730,Plg22.0000°,Az=202.0000°,P -6.2970,Plg46.0000°,Az=317.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 29 20:11:50.8.0.3.16:85S-105:174,17W,0.05, h1126km,2km,h126km,mb5.0/133,mb5.0/133, mb5.0/133, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations in Tonga Islands.

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Main table with columns: PAE, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic events and stations for November 2010.

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Table with columns: KKM, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations in the 1428 region.

Table with columns: Station, Comp, Az, El, Az El, P, Az El, P, Az El, P. Includes stations like SEW Seward, G08A Pilot Rock, MDJ Mudanjiang, etc.

Table with columns: Station, Comp, Az, El, Az El, P, Az El, P, Az El, P. Includes stations like BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Station, Comp, Az, El, Az El, P, Az El, P, Az El, P. Includes stations like INK Inuvik, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTSU Mount Surprise, SJI Sorong, KDU Kakadu, etc.

GUC 29:20:39.53.2.0.5.35.84S:73:34W, h9km, 2km, ML4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, CCSP San Pedro de C, TALC Talca, etc.

ISC 29:20:48:17.9.1.8.35:80S:73:37W, h0km, mb4.1/7, mb1.4/0.10, mb1mx3.9/25, mbtmp3.9/10, ML3.7/MS3.2/1, Ms1.3.3/1, ms1mx2.7/27, Error ellipse: s-maj=60.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, CCSP San Pedro de C, TALC Talca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, RTLL Cerro Villucun, ACAN Cantantal, etc.

ISC 29:21:44:02.9.16.0.59:26S:160:26E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.8/26, mbtmp3.9/4, Error ellipse: s-maj=47.0km s-min=34.2km az=89.0, Macquarie Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISC 29:21:45:52.3.1.1.35:74S:73:24W, h0km, mb3.9/7, mb1.3/9.10, mb1mx3.8/31, mbtmp3.8/10, ML3.6/3, MS3.6/2, Ms1.3.6/2, ms1mx3.1/19, Error ellipse: s-maj=35.4km s-min=17.8km az=94.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, CCSP San Pedro de C, TALC Talca, etc.

ISC 29:21:45:54.0.1.2.35:76S:0:03:73:43W, h0km, h25km, 9km, mb4.9/5, MS3.7/1, Error ellipse: s-maj=8.9km s-min=5.5km az=14.1

NEIC 29:21:45:57.2.3.5.35:72S:73:18W, h33km, 24km, mb4.2/2, Error ellipse: s-maj=20.7km s-min=8.6km az=84.0

GUC 29:21:45:57.1.0.6.35:80S:73:29W, h30km, 3km, ML4.2

ISC 29:21:45:55.0.1.0.35:79S:0:03:73:32W, h0km, h2km, 7km, n42, e144/48, mb4.0/9, 1C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, CCSP San Pedro de C, TALC Talca, etc.

ISC 29:21:45:52.1.6.60:75N:165:48E, h10km, mb4.1/1, Error ellipse: s-maj=21.8km s-min=14.8km az=89.3

ISC 29:21:58:47.0.8.60:55N:165:57E, h0km, mb3.9/13, mb1.4/0.15, mb1mx3.8/45, mbtmp3.9/15, ML5.1/1, MS3.1/6, Ms1.3.1/6, ms1mx2.8/41, Error ellipse: s-maj=25.2km s-min=11.0km az=173.0

ISC 29:21:58:48.0.5.60:73N:0:1:165:30E:0:09, h17km, mb4.2/20, MS3.0/5, Error ellipse: s-maj=14.8km

NEIC 29:21:58:49.2.0.4.60:64N:165:37E, h10km, mb4.7/11, Error ellipse: s-maj=12.6km s-min=6.4km az=168.0

ISC 29:21:58:51.0.8.60:8N:0:1:165:43E:0:07, h17km, n50, e149/42, mb4.2/20, MS3.0/5, 1D, Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, ACAN Cantantal, AMOG MOGNA, etc.

WEL 29:21:51:10.8.0.3.37:46S:176:19E, h206km, 2km, ML3.6/16, 4C-3D, Error ellipse: s-maj=4.4km s-min=3.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, HAZ Te Kaha, MWZ Matawai, etc.

ISC 29:21:55:52.0.2.6.33:74N:141:75E, h0km, mb3.4/2, mb1.3/8.9, mb1mx3.2/42, mbtmp3.3/3, ML3.1/1, Error ellipse: s-maj=41.7km s-min=28.6km az=47.0

ISC 29:21:55:53.2.1.2.33:83N:0:06:141:79E:0:10, h24km, mb3.3/2, Error ellipse: s-maj=12.1km s-min=8.0km az=167.1

JMA 29:21:55:54.0.5.33:89N:141:73E, h36km, M3.3

ISC 29:21:55:55.2.1.6.33:78N:0:07:141:75E:0:1, h24km, n15, e192/20, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BS04 Boso 4, etc.

MOS 29:21:58:47.3.1.6.60:75N:165:48E, h10km, mb4.1/1, Error ellipse: s-maj=21.8km s-min=14.8km az=89.3

ISC 29:21:58:47.0.8.60:55N:165:57E, h0km, mb3.9/13, mb1.4/0.15, mb1mx3.8/45, mbtmp3.9/15, ML5.1/1, MS3.1/6, Ms1.3.1/6, ms1mx2.8/41, Error ellipse: s-maj=25.2km s-min=11.0km az=173.0

ISC 29:21:58:48.0.5.60:73N:0:1:165:30E:0:09, h17km, mb4.2/20, MS3.0/5, Error ellipse: s-maj=14.8km

NEIC 29:21:58:49.2.0.4.60:64N:165:37E, h10km, mb4.7/11, Error ellipse: s-maj=12.6km s-min=6.4km az=168.0

ISC 29:21:58:51.0.8.60:8N:0:1:165:43E:0:07, h17km, n50, e149/42, mb4.2/20, MS3.0/5, 1D, Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SEY Seymchan, SEY 2.0km, 0.3s, baz=115, slow=14, SNR=6.6, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like PМОЗ Porto Moniz, EMIJ Mijas, EADA Adamuz, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like ETOB Tobarra, EMUR La Murta, ELAN Lanestosa, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like ROSF Rostrenen, MFF Saint Martin, SGMF Saint Gilles, etc.

DDA 30 00:02:11.1, 36:97N-26:74E, h7km, Md2.7
THE 30 00:02:13.5, 37:04N-26:84E, h11km, ML2.8/1, Error
ellipso: s-maj=1.8km s-min=0.7km az=53.0
ATH 30 00:02:13.6, 37:06N-26:89E, h33km, 1km, MD3, 1/10
ISCSB 30 00:02:13.6, 37:01N-26:83E, 0.02:111km, 4km,
Error ellipso: s-maj=3.4km s-min=3.2km az=10.5
CSEM 30 00:02:14.2, 0.2:37:04N-26:79E, h15km, ML2.8, Error
ellipso: s-maj=4.9km s-min=4.1km az=102.0

30d Oh

ISK 30 00:02:14.3,37.14N,26.80E, h5km, MD3.2
ISC 30 00:02:13.9,1.0,37.03N,0.02,26.82E,0.02,h13km,gkm,
n67,r0591/95,Decadence Islands

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

AUST 30 00:24:40.1,0.0,6.34S,130.16E, h72km, Error ellipse:
s-maj=1.3km s-min=0.8km az=273.0
ISCJB 30 00:24:51.4,0.9,7.79S,0.07,130.5E,0.2,h10km,mb4.0/2,

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

CSEM 30 00:26:11.6,0.4,67.86N,20.36E, h1km, ML1.0, Error
ellipse: s-maj=9.8km s-min=8.3km az=130.0, Mining
explosion.
UPP 30 00:26:12.4,67.82N,20.20E, h0km, ML1.0, Mining
explosion.

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Table with columns: LANU, Lannavaara, 0.71 71 P Pg, 00 26 25.8 -0.8, etc.

CSEM 30 00:26:48.9,67.85N,20.22E, h0km, ML1.0, Mining
explosion. After UPP
UPP 30 00:26:48.9,67.85N,20.22E, h0km, ML1.0, Mining
explosion., Sweden

Table with columns: KUA, Kurravaara, 0.11 23 P Pg, 00 26 51.2 +0.1, etc.

CSEM 30 00:28:56.0,0.3,67.82N,20.15E, h2km, ML1.2, Error
ellipse: s-maj=6.3km s-min=4.9km az=168.0, Mining
explosion.
UPP 30 00:28:56.0,67.84N,20.20E, h0km, ML1.0, Mining
explosion., Sweden

Table with columns: KUA, Kurravaara, 0.12 26 P Pg, 00 29 01.2 +0.2, etc.

CSEM 30 00:28:58.2,67.82N,20.09E, h0km, ML1.8, Explosion
UPP 30 00:28:58.6,67.84N,20.19E, h0km, ML1.2, Mining
explosion., Sweden

Table with columns: KUR, Kuril'sk, 2.91 249 P Pg, 00 31 27.2 +2.4, etc.

NIED 30 00:30:00,46.50N,151.70E, h83km, Mw4.4, Best double
couple: Ms3.83000x10^15 NP1.9x313.00000, s51.00000,
7.35.00000, NP2.9x199.00000, s64.00000, 1.35.00000,
ISCJB 30 00:30:34.9,0.3,46.38N,0.04,151.72E,0.05, h90km,
mb4.0/30, Error ellipse: s-maj=6.8km s-min=3.0km

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Large table with columns: KUR, Kuril'sk, 2.91 249 P Pg, 00 31 27.2 +2.4, etc. Lists various stations and their coordinates.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KSRS, KSRF, KSRM, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like AKASG, ASAR, ANMO, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like THZ, KHZ, LTZ, etc.

30d Oh

SAO	San Andreas Ge	73.92	42	eP	P	01 00 56.6 +0.8
SAO	comp-Z,30nm,0.9s					
SAO	San Andreas Ge	73.92	42	eP	P	01 00 56.6 +0.8
SAO	comp-Z,30nm,0.9s					
CIS	Catalina Islan	73.98	46	P	P	01 00 56.0 -0.3
LRV	Little Rabbit	73.99	43	eP	P	01 00 57.3 +1.1
PET	Petrovlovsk	74.15	344	eP	P	01 00 55.3 -1.3
HOPS	Hoiland	74.29	39	eP	P	01 00 58.6 +0.7
OSI	Osito Adit	74.45	45	P	P	01 00 58.9 -0.1
PEAO	Petrovlovsk	74.48	343	eP	P	01 00 58.8 +0.1
PETK	Petrovlovsk	74.48	343	eP	P	01 00 58.8 +0.2
PETK	comp-Z,26nm,0.7s,baz=140,slow=8.8,SNR=27					
PEA1	Petrovlovsk	74.48	343	eP	P	01 00 58.8 +0.1
DECC	Green Verdugo	74.51	46	P	P	01 00 59.3 +0.1
PASC	Pasadena Art C	74.56	46	eP	P	01 00 59.9 +0.3
STKI	Sintang	74.59	275	P	P	01 01 02.2 +0.0
109C	Camp Elliot, M	74.60	47	P	P	01 00 59.8 +0.1
SBUM	Sibu	74.65	278	eP	P	01 01 02.0 +1.5
YULB	Yu-li	74.66	301	eP	P	01 01 00.9 +0.6
ARVC	Arvin	74.67	45	P	P	01 01 00.1 -0.1
MWC	Mount Wilson	74.68	46	eP	P	01 01 00.8 +0.3
MWC	comp-Z,33nm,0.8s					
MWC	Mount Wilson	74.68	46	eP	P	01 01 00.8 +0.3
KMRM	Mali Ridge	74.69	38	eP	P	01 01 01.4 +1.2
NACB	Ninganchiao	74.77	302	eP	P	01 01 01.2 +0.2
YSS	Yuzh-Sakhalins	74.90	331	eP	P	01 01 01.2 +0.1
YSS	comp-Z,90nm,1.0s					
VES	Vestal, Richgr	74.91	44	P	P	01 01 01.5 0.0
MURC	Murieta	74.92	47	P	P	01 01 01.6 -0.1
BFSC	Mount Baldy Ra	74.96	46	P	P	01 01 01.7 -0.3
MONP	Monument Peak	75.08	48	P	P	01 01 02.5 -0.4
EDW2	Edwards Air F	75.10	45	P	P	01 01 02.5 -0.2
TPUB	Ta-pu	75.16	301	eP	P	01 01 02.9 -0.3
YHNB	Yeheng	75.18	302	eP	P	01 01 06.1 +2.7
IBP	Imperial Bould	75.19	48	P	P	01 01 03.2 -0.1
ISA	Isabella	75.22	44	eP	P	01 01 03.7 +0.4
ISA	comp-Z,33nm,1.0s					
ISA	Isabella	75.22	44	P	P	01 01 03.5 +0.2
ISA	Isabella	75.22	44	eP	P	01 01 03.7 +0.4
CMB	Columbia Colle	75.36	42	eP	P	01 01 04.1 0.0
CMB	comp-Z,17nm,0.8s					
CMB	Columbia Colle	75.36	42	eP	P	01 01 04.1 0.0
PFO	Pinyon Flat Ob	75.45	47	eP	P	01 01 05.1 +0.3
PFO	comp-Z,11nm,0.9s					
PFO	Pinyon Flat Ob	75.45	47	P	P	01 01 04.5 -0.2
PFO	Pinyon Flat Ob	75.45	47	eP	P	01 01 05.1 +0.3
OHCM	Honcut	75.47	40	eP	P	01 01 04.7 +0.2
AFDM	Forest Hills D	75.55	41	eP	P	01 01 05.1 0.0
WDC	Whiskeytown Da	75.60	38	eP	P	01 01 05.9 +0.6
WDC	comp-Z,15nm,0.9s					
WDC	Whiskeytown Da	75.60	38	eP	P	01 01 05.9 +0.6
LRMC	Laurel Mountai	75.64	45	P	P	01 01 05.6 -0.2
N02D	Trinity Center	75.75	38	P	P	01 01 06.5 +0.2
CISI	Cisompet, Garu	75.83	266	P	P	01 01 03.6 -3.7
O03D	Paynes Creek	75.87	39	P	P	01 01 06.9 -0.1
M02C	Callahan	75.93	38	P	P	01 01 07.9 +0.6
BELC	Belle Mtn. Jos	75.98	47	P	P	01 01 07.6 -0.2
L02D	Cave Junction,	75.99	37	P	P	01 01 07.6 +0.1
KEBM	Edson Butte	76.04	36	eP	P	01 01 09.8 +2.0
MLAC	Mammoth Lakes	76.11	43	P	P	01 01 08.7 +0.1
MTUM	Tungsten Hills	76.13	43	eP	P	01 01 09.4 +0.8
GSC	Goldstone	76.14	46	eP	P	01 01 08.9 +0.3
GSC	comp-Z,21nm,0.8s					
GSC	Goldstone	76.14	46	P	P	01 01 08.2 -0.4
GSC	Goldstone	76.14	46	eP	P	01 01 08.9 +0.3
KSM	Kuching	76.14	276	P	P	01 01 10.7 +1.7
BMO	Kuching	76.14	276	eP	P	01 01 10.2 +1.2
DAC	Darwin (Calif)	76.15	44	eP	P	01 01 09.2 +0.4
DAC	comp-Z,11nm,0.9s					
DAC	Darwin (Calif)	76.15	44	eP	P	01 01 09.2 +0.4
BC3	Big Chalkawall	76.17	48	P	P	01 01 08.9 0.0
TIN	Tinemaha	76.17	43	P	P	01 01 08.3 -0.6
HEC	Hector,Ludlow	76.20	46	P	P	01 01 08.9 0.0
YBH	Yreka Blue Hor	76.23	37	eP	P	01 01 09.7 +0.7
YBH	comp-Z,19nm,0.7s					
YBH	Yreka Blue Hor	76.23	37	eP	P	01 01 09.7 +0.7
GMRC	Granite Mounta	76.64	47	P	P	01 01 11.4 -0.1
IRM	Iron Mountain	76.66	47	P	P	01 01 11.9 +0.4
GRAC	Grapevine Rang	76.71	44	P	P	01 01 12.4 +0.6
FURC	Furnace Creek,	76.75	45	P	P	01 01 12.1 +0.2
M04C	Macdoel	76.77	38	P	P	01 01 12.5 +0.4
TUQ	Turquoise Moun	76.81	46	P	P	01 01 12.4 0.0
SHOC	Shoshone	76.82	45	P	P	01 01 12.1 -0.2
BUOR	Burton Butte	76.84	37	P	P	01 01 13.1 +0.6
Y12C	Blythe	76.88	48	P	P	01 01 12.7 +0.1
NV01	Mina Array Sit	76.92	42	eP	P	01 01 13.3 +0.3
NVAR	Mina Array Bea	76.92	42	eP	P	01 01 13.3 +0.3
KSRS	Korea Array	76.95	317	P	P	01 01 14.7 +1.8
KSRS	comp-Z,13nm,0.8s,baz=134,slow=6.1,SNR=38					
KSRS	Korea Array	76.95	317	P	P	01 01 14.7 +1.8
KSRS	comp-Z,13nm,0.8s					
KS15	Wonju Array Si	76.97	317	eP	P	01 01 14.7 +1.7
KSAR	Wonju Array Be	76.97	317	P	P	01 01 14.7 +1.6
KSAR	Wonju Array Be	76.97	317	P	P	01 01 14.7 +1.6
KS01	Wonju Array Si	76.99	317	eP	P	01 01 13.8 +0.7
I03D	Drain, OR	77.13	36	P	P	01 01 14.1 +0.3

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214A	Organ Pipe Nat	77.19	50	P	P	01 01 14.3 -0.2
K04D	Chiloquin, OR	77.34	37	P	P	01 01 15.2 0.0
TP1	Tanjungpandan	77.37	271	P	P	01 01 25.6 +1.0
PDMC1	Parker Dam,Lak	77.44	48	P	P	01 01 15.9 +0.1
KDAK	Kodiak Island	77.47	12	eP	P	01 01 15.8 +0.5
KDAK	comp-Z,571nm,2.1s					
KDAK	Kodiak Island	77.47	12	P	P	01 01 15.0 -0.3
KDAK	comp-Z,316nm,0.7s,SNR=9.4					
KDAK	Kodiak Island	77.47	12	eP	P	01 01 15.8 +0.5
J04D	Umpqua Nationa	77.53	36	P	P	01 01 16.3 0.0
I04A	Tendick Farm,	77.71	36	P	P	01 01 17.0 -0.1
MOD	Modoc	77.75	38	eP	P	01 01 17.9 +0.4
K05A	Summer Lake	77.91	37	eP	P	01 01 18.9 +0.5
SHPR	Sheep Range	77.91	45	eP	P	01 01 19.0 +0.4
J05D	Fort Rock, OR	78.06	37	P	P	01 01 19.5 +0.3
G03D	McMinnville, O	78.15	34	P	P	01 01 19.6 +0.1
H04A	Detroit Lake	78.40	35	eP	P	01 01 20.9 0.0
USRK	Ussuriysk Ar	78.50	324	P	P	01 01 22.7 +1.3
R11A	Troy Canyon, C	78.64	44	P	P	01 01 22.2 -0.3
R11A	Troy Canyon, C	78.64	44	P	P	01 01 22.2 +0.2
I05D	Terebonne, OR	78.65	36	P	P	01 01 22.3 0.0
BMN	Battle Mountai	78.75	41	eP	P	01 01 23.2 +0.1
BMN	comp-Z,23nm,0.8s					
BMN	Battle Mountai	78.75	41	eP	P	01 01 23.2 +0.1
TUC	Tucson	78.86	51	eP	P	01 01 24.8 +1.1
TUC	comp-Z,12nm,0.9s					
TUC	Tucson	78.86	51	eP	P	01 01 24.8 +1.1
WVOR	Wild Horse Val	79.06	39	eP	P	01 01 24.6 0.0
WVOR	comp-Z,18nm,0.8s					
WVOR	Wild Horse Val	79.06	39	eP	P	01 01 24.6 0.0
LVP	Lakeview Peak	79.16	34	eP	P	01 01 25.2 +0.2
G05D	Wamic, OR	79.23	35	P	P	01 01 25.4 0.0
SEPW	Seember Lobe	79.36	34	eP	P	01 01 27.9 +1.5
GULV	Guler Mountain	79.51	35	P	P	01 01 27.2 +0.2
I07A	Izee	79.53	37	eP	P	01 01 27.4 +0.2
YTHM	Trough	79.61	36	P	P	01 01 27.6 +0.1
HABR	Khabarovsk	79.65	329	e	P	01 01 27.7 -0.8
HABR	comp-Z,91nm,1.1s					
HABR	Khabarovsk	79.65	329	e	P	01 01 27.6 +0.1
HABR	comp-Z,305nm,20.0s					
CCUT	Cedar City	79.69	45	eP	P	01 01 29.1 +0.8
J08A	Circle Bar Ran	79.70	38	eP	P	01 01 28.1 +0.1
RSO	Redoubt South	79.94	11	eP	P	01 01 29.1 +0.1
WUAZ	Wupatki	80.02	48	P	P	01 01 30.3 +0.3
WUAZ	comp-Z,10nm,1.0s					
WUAZ	Wupatki	80.02	48	eP	P	01 01 30.9 +0.9
MDJ	Mudanjiang	80.11	323	P	PMZ	01 01 31.0 +0.9
MDJ	comp-Z,22nm,1.3s					
MDJ	Mudanjiang	80.11	323	eP	P	01 01 32.0 +1.9
ELK	Elko	80.18	42	eP	P	01 01 31.2 +0.3
ELK	comp-Z,10.0nm,0.8s					
ELK	Elko	80.18	42	eP	P	01 01 31.1 +0.3
JBO	Jordan Butte	80.19	36	P	P	01 01 30.6 +0.1
SEW	Seward	80.25	13	P	P	01 01 30.8 +0.2
TRW	Tropenish Ridg	80.31	35	P	P	01 01 31.5 +0.3
G08A	Pilot Rock	80.57	36	P	P	01 01 33.0 +0.3
NJ2	Nanjing	80.57	308	eP	PMZ	01 01 33.5 +0.7
B05A	Bryant	80.73	33	P	P	01 01 33.7 +0.5
SPU	Mount Spurr	80.74	11	eP	P	01 01 31.0 -2.1
E07A	Sunnyside	80.85	35	eP	P	01 01 34.5 +0.5
SNWA	Snively Ranch	80.90	35	P	P	01 01 34.6 +0.4
HAWA	Hanford	80.92	35	eP	P	01 01 34.5 +0.2
MSU	Marysval	80.98	45	eP	P	01 01 36.3 +1.2
MSU	Marysval	80.98	45	eP	P	01 01 36.3 +1.2
DSRI	Dabo	80.99	272	P	P	01 01 37.3 +1.9
C06D	comp-Z,125nm,1.1s					
121A	Cookes Peak, D	81.19	52	P	P	01 01 36.6 +0.3
ETW	Entiat	81.24	34	eP	P	01 01 36.2 +0.1
BMO	Blue Mountains	81.26	37	eP	P	01 01 36.1 -0.2
BMO	comp-Z,13nm,0.8s					
BMO	Blue Mountains	81.26	37	eP	P	01 01 36.1 -0.2

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

KRSC 30 01:14:37.81, 8.51655E, h14km, m1.8km, ML4.0, Off east coast of Kamchatka Peninsula

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

DDA 30 01:19:07.6, 37.90N, 29.18E, h7km, Md2.7

ISCJ 30 01:19:07.5, 37.95N, 29.12E, h5km, MD2.9

ISCJ 30 01:19:08.7, 0.5, 37.94N, 0.03, 29.17E, 0.04, h3km, 5km, Error ellipse: s-maj=5.8km s-min=3.7km az=30.3

CSEM 30 01:19:08.4, 0.2, 37.94N, 29.13E, h2km, MD2.9, Error ellipse: s-maj=5.0km s-min=3.5km az=113.0

ISC 30 01:19:08.6, 0.3, 37.97N, 0.02, 29.10E, 0.03, h7km, 7km, n29, n0.978/44, Turkey

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

JMA 30 01:20:08.8, 35.05N, 135.55E, h12km, M3.3, 3D Broadband fault plane solution: P waves, NP1: Principal axes: Azm4.0000; P P1g9.0000; Azm273.0000; Western

CASC 30 01:24:02.8, 2.6, 9.04N, 81.82W, h15km, 1.4km, MD4.0, 1D, Panama

ISC 30 01:26:17.0, 1.5, 9.33S, 121.38E, h0km, mb3.6/1, mb1 3.7/3, mb1mx3.4/36, mbtmp3.5/3, ML3.3/2, Error ellipse: s-maj=158.8km s-min=31.2km az=51.0

ISCJ 30 01:26:21.7, 0.7, 9.14S, 121.10E, 0.05, h33km, mb3.7/1, Error ellipse: s-maj=9.8km s-min=6.7km az=169.5

DJA 30 01:26:21.7, 0.6, 10.54S, 121.1E, h13km, 7km, M4.0/10, ML4.0/10

ISC 30 01:26:22.5, 1.0, 9.75S, 121.06E, 0.05, h35km, n14, n1999/14, Savu Sea

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

MAN 30 01:30:10, 13.02N, 125.00E, h3km, mb5.1 ML4.1, MS4.2

ISCJ 30 01:30:14, 3.0, 9, 12.93N, 0.04, 125.03E, 0.07, h45km, 8km, mb4.2/19, MS3.6/10, Error ellipse: s-maj=11.9km s-min=5.5km az=153.9

ISC 30 01:30:23, 1.3, 1, 12.74N, 124.90E, h116km, 31km, mb3.8/15, mb1 4.0/18, mb1mx3.8/53, mbtmp4.3/18, MS3.6/12, Ms1 3.7/12, ms1mx3.4/40, Error ellipse: s-maj=24.9km s-min=1.9km az=76.0

NEIC 30 01:30:23.6, 1.9, 12.67N, 124.81E, h122km, 18km, mb4.4/5, Error ellipse: s-maj=22.2km s-min=10.2km az=73.0

ISC 30 01:30:15.2, 0.6, 12.96N, 106.125, 0.04E, 10, h39km, 7km, n51, n1985/43, mb4.2/19, MS3.5/10, 2C-1D, Samar

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 30d 1h region.

ISCJ 30 01:34:30, 1.0, 5.85, 34N, 10.9, 0E, h10km, mb3.7/13, MS3.4/11, Error ellipse: s-maj=15.7km s-min=10.2km az=144.2

ISC 30 01:34:30, 4.0, 7.85, 33N, 9.1, 17E, h0km, mb3.9/12, mb1 4.0/13, mb1mx3.9/40, mbtmp3.8/13, ML3.3/1, MS3.4/13, MS3.4/13, ms1mx3.2/31, Error ellipse: s-maj=23.0km s-min=14.4km az=137.0

NEIC 30 01:34:31, 5.0, 6.85, 40N, 89.22E, h10km, mb4.2/1, Error ellipse: s-maj=15.7km s-min=10.2km az=160.0

ISC 30 01:34:31, 9.0, 7.85, 4N, 0.1, 87.54E, 0.07, h10km, n25, n204/20, MS3.7/13, MS3.4/11, North of Severnaya Zemlya

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the North of Severnaya Zemlya region.

30d 1h

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like LCO, Las Campanas, VACH, etc.

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Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like SWET, 337A, WHTX, etc.

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Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like SFIN, PPT2, R34A, etc.

Table with columns: ID, Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like FURC, E36A, I27A, etc.

Table with columns: ID, Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like I05D, I04A, G05D, etc.

Table with columns: Code, Station Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like WRA, ASAR, SONM, etc.

Table with columns: Code, Station Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like MEX, GUERRERO, CAIG, etc.

Table with columns: Code, Station Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like KRNET, NNC, ISCB, etc.

Table with columns: Code, Station Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like BTK, DZET, ARK, etc.

Table with columns: Code, Station Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Includes stations like TKM2, IDC, NEIC, etc.

JCT Junction City 147.42 33 ePKPdf PKPdf 03 21 36.3 -0.4
JCT 03 21 39.9 +0.8

IDC 03 03:07:01.3, 0.8, 3.84S, 99.61E, h0km, mb4.3/16,
mb1 4.4/17, mb1mx4.2/44, mbtmp4.3/17, ML4.2/1, Error
ellipse: s-maj=31.0km s-min=13.5km az=49.0

NEIC 03 03:07:02.9, 0.5, 3.84S, 99.67E, h10km, mb4.3/4, Error
ellipse: s-maj=20.8km s-min=6.9km az=42.0

ISCJB 03 03:07:04.9, 3.167S, 0.05, 99.34E, 0.04, h33km,
mb4.3/18, Error ellipse: s-maj=8.0km s-min=4.4km
az=39.6

DJA 03 03:07:07.2, 0.7, 4.5S, 101.0E, h44km, 12km, M4.4/11,
mb4.7/1, MLV4.3/11

ISC 03 03:07:07.1, 0.7, 3.67S, 100.98E, h0.8, h35km, n47,
e131/45, mb4.3/18, Southwest of Sumatara

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like PPSI, MASI, SISI, KSI, SDSDI, etc.

ISCJB 03 03:12:52.5, 0.5, 39.25N, 0.03, 27.86E, 0.04, h4km, 6km,
Error ellipse: s-maj=4.7km s-min=4.2km az=5.6

DDA 03 03:12:52.0, 39.25N, 27.86E, h7km, MD2.7, Error
ellipse: s-maj=3.5km s-min=2.9km az=81.0

CSEM 03 03:12:52.6, 0.1, 39.26N, 27.87E, h5km, MD2.7, Error
ellipse: s-maj=3.5km s-min=2.9km az=81.0

ISK 03 03:12:52.4, 39.25N, 27.86E, h8km, MD2.8

ISC 03 03:12:52.7, 1.0, 39.27N, 0.02, 27.88E, 0.02, h7km, 9km,
n26, e061/42, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BALB, AKHS, BALLY, etc.

YER Yerkesik 2.16 171 ePn Pn 03 13 29.5 +0.3

YER Yerkesik 2.16 171 ePn Pn 03 13 29.5 +0.3

NIED 03 03:24:00.28, 40N, 139.60E, h460km, Mw6.7 Best
double couple: Mo1.470000, 1019 NP1, 32.73, 0.0000,
delta3, 0.0000, lambda-155.0000, NP2, 32.323, 0.0000,
delta3, 0.0000, lambda-55.0000

AUST 03 03:24:38.7, 0.7, 28.21N, 139.43E, h456km, 9km, Error
ellipse: s-maj=6.7km s-min=4.1km az=76.0

JMA 03 03:24:39.0, 4.2, 28.36N, 139.59E, h494km, 4km, M7.1
JMA Felt III J1

BUI 03 03:24:40.5, 28.41N, 139.13E, h475km, mb6.2/86,
mb6.5/58

ISCJB 03 03:24:40.5, 0.2, 28.37N, 0.01, 139.23E, 0.01,
h486km, 1km, mb5.8/516, Error ellipse: s-maj=2.0km
s-min=1.6km az=146.2

NEIC 03 03:24:40.2, 0.1, 28.35N, 139.19E, h470km, mb6.0/297,
ME6.2, MW6.8, MW6.8, MW6.7 (NIED), Error ellipse:
s-maj=2.8km s-min=2.2km az=138.0, Moment Tensor
Solution: s86 Moment tensor: Scale 10^19Nm, Mn=0.50;
Mn=0.60; Mm=0.10; Mm=0.42; Ms=1.00; Ms=1.00; Ms=1.00;
delta2 double couple: Mo1.300000, 1019 NP1, 32.73, 0.0000,
delta2, 0.0000, lambda-153.0000, NP2, 32.323, 0.0000,
delta2, 0.0000, lambda-68.0000, Principal axes: T 1.1900,
Plg31.0000, Azm41.0000; N 0.1800, Plg21.0000,
Azm145.0000; P -1.3800, Plg51.0000, Azm264.0000;
Broadband fault plane solution: P waves: NP1:
0.9, 0.0000, delta2, 0.0000, lambda-153.0000, NP2:
0.340, 0.0000, delta2, 0.0000, lambda-70.0000, Principal axes:
T Plg32.0000, Azm53.0000; N Plg0.0000,
Azm0.0000; P Plg51.0000, Azm273.0000; Depth from
broadband displacement seismograms. Energy computed
from BB mechanism.

NEIC Felt [IV] at Ayase, Yokohama and Zushi; [III] at
Yokosuka; [II] at Narita, Honshu. Felt at Tokyo and in
much of southeastern Honshu. Recorded [3 JMA] in
Chiba, Ibaraki, Kanagawa, Miyagi, Saitama, Tochigi and
Yamanashi; [2 JMA] in Amori, Gumma, Iwate, Nagano,
Niigata, Shizuoka and Yamagata; [1 JMA] in Aichi and
Akita. Recorded [2 JMA] on Aogo-shima, Hachijo-jima,
Kozu-shima, Mikura-jima, Miyake-jima, Niijima, O-shima
and To-shima; [1 JMA] in the Chichijima-retto and
Hahajima-retto. Also recorded [1 JMA] in southeastern
Hokkaido.

MOS 03 03:24:40.3, 0.8, 28.35N, 139.20E, h484km, mb6.1/120
Error ellipse: s-maj=6.7km s-min=3.9km az=104.8

NEIC 03 03:24:41.0, 0.0, 28.42N, 139.14E, h478km, Moment
Tensor Solution. s41 Moment tensor: Scale 10^19Nm;
Mn=0.58; Mm=1.05; Mm=0.47; Mm=0.50; Mm=0.57; Mm=1.34;
Best double couple: Mo1.800000, 1019 NP1, 32.73, 0.0000,
delta2, 0.0000, lambda-57.0000, NP2, 32.73, 0.0000,
delta2, 0.0000, lambda-74.0000, delta3, 0.0000,
lambda-160.0000, Principal axes: T 1.6900, Plg26.0000,
Azm32.0000; N 0.1700, Plg32.0000, Azm140.0000; P
-1.8700, Plg46.0000, Azm271.0000

GCMT 03 03:24:41.6, 0.1, 28.39N, 139.26E, h461km, Mw6.8/141,
Moment Tensor Solution. s41 Moment tensor: Scale 10^19Nm;
Mn=0.58; Mm=1.05; Mm=0.47; Mm=0.50; Mm=0.57; Mm=1.34;
Duration: 60.0 Moment tensor: Scale 10^19Nm;
Mn=0.67; Mm=1.07; Mm=1.42; Mm=0.1; Mm=0.40; Mm=0.64; Mm=0.1;
Mm=0.58; Mm=1.07; Mm=1.42; Mm=0.1; Best double couple:
Mo1.904000, 1019 NP1, 32.73, 0.0000, delta2, 0.0000,
lambda-61.0000, NP2, 32.73, 0.0000, delta2, 0.0000,
lambda-157.0000, Principal axes: T 1.8470, Plg28.0000,
Azm33.0000; N 0.1190, Plg29.0000, Azm140.0000; P
-1.9620, Plg48.0000, Azm268.0000; nsta1 refers to
body waves, cutoff=50s. nsta2 refers to mantle waves,
cutoff=125s.

IDC 03 03:24:42.5, 0.3, 28.38N, 139.22E, h498km, 2km, mb5.1/68,
mb1 5.2/76, mb1mx5.1/81, mbtmp6.0/75 Error ellipse:
s-maj=6.0km s-min=4.5km az=92.0

BGR 03 03:24:48.1, 29.85N, 140.05E, h508km, 21km, MB6.5,
mb6.2

ISC 03 03:24:41.3, 0.2, 28.39N, 0.02, 139.24E, 0.02, h485km, 1km,
h485km, p-P, n2180, e1943/2711, mb5.9/560, 75C-147D,
Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like CBJJ, CBJI, CBJH, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JNU, JNU, JNU, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSGBI Gyogyolbido, KSGAH Ganghwa, JKRS Kuro-shima, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS comp=Z,41um,16.0s, YSS comp=E,22um,17.0s, QZH QZH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKR comp=N,23um,16.0s, SKR comp=E,11um,16.0s, SKR comp=N,220nm,1.0s, etc.

30d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FAKI, SONA1, SONM, etc.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CHTO, CHTO, CHTO, etc.

1444

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, IGBI, TBJI, etc.

1445

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MKAR, MNAI, GSI, and many others.

2010 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, MBWA, DDI, KZA, and many others.

30d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRVK, PPLA, HOM, CNPM, and many others.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like H08N1 Diego Garcia H, H08N2 Diego Garcia H, A04D Lummi Island, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like L02D Cave Junction, THZ Tophouse, DYDN Diyan, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like MNK Minsk, MNK Minsk, MNK Minsk, etc.

MFID	Camas Ranch	80.88	45	eP	P	03 36 05.2 +0.9
MFID	comp-Z,470nm,1.3s					
MFID				ePP	pP	03 37 49.0 -1.2
KVTT	Kavak	80.93	312	eP	P	03 39 10.2 -6.4
WAKR	Walker	80.93	51	eP	P	03 36 05.6 +1.1
TOKT	Tokat	80.97	311	eP	P	03 36 05.7 +0.9
SNOP	Sinop	81.01	313	eP	P	03 36 05.8 +1.1
AKCD	AkcaCadag	81.03	309	eP	P	03 36 06.2 +1.0
DIKM	Dikmen	81.16	313	eP	P	03 36 05.4 +0.8
ATAB	Bozova	81.17	308	eP	P	03 36 06.1 +0.3
SUW	Suwalki	81.17	328	eP	P	03 36 04.9 -0.5
SUW				ePP	pP	03 37 54.5 +3.1
SUW				eS	sS	03 45 35.1 +0.4
SUW				eS	sS	03 48 39.2 -4.4
SUW				eS	sS	03 57 30.8
SUW	Suwalki	81.17	328	eP	P	03 36 04.9 -0.5
SUW				e'PP	pP	03 37 54.5 +3.1
SUW				eS	sS	03 45 35.1 +0.4
SUW				eS	sS	03 45 35.1 +0.4
HFS	comp-Z,2um,1.4s	81.19	336	eP	P	03 36 04.7 -0.6
Hafors	comp-Z,149nm,0.6s,baz=75,slow=6.3,SNR=521			S	S	03 45 31.6 -3.1
HFS	comp-Z,38nm,0.9s,baz=75,slow=6.3,SNR=6.5			S	S	03 45 31.6 -3.1
HFS	comp-Z,3.0nm,0.6s,baz=197,slow=4.6,SNR=12			PKKpbc	PKKpbc	03 54 39.4 +1.2
DARE	DarendMalaty	81.20	309	eP	P	03 36 07.6 +1.6
CUGUR	Gurin_SVAS	81.27	309	eP	P	03 36 07.4 +1.0
ALTYI	Uyuniya-SIV	81.35	310	eP	P	03 36 06.9 0.0
DOMB	Dombras	81.41	339	eP	P	03 36 07.3 +1.0
DOMB	comp-Z,340nm,1.1s			Iamb	Iamb	03 36 12.5
DOMB				i	i	03 37 54.0
DOMB				i	i	03 41 36.6
DOMB				i	i	03 43 19.8
DOMB				i	i	04 16 15.0
DOMB				IVMs_BB	IVMs_BB	04 16 15.0
NB2	NORSAR Subarra	81.42	337	eP	P	03 36 05.7 -0.9
NB2	comp-Z,134nm,0.6s,baz=45,slow=5.3			P	P	03 36 05.7 -0.9
NOA	NORSAR Subarra	81.42	337	eP	P	03 36 05.7 -0.9
NOA	comp-Z,134nm,0.6s,baz=45,slow=5.3			P	P	03 36 05.7 -0.9
NOA	NORSAR Array B	81.42	337	eP	P	03 36 06.0 -0.6
NOA	comp-Z,144nm,0.6s,baz=47,slow=5.3,SNR=488			P	P	03 37 54.8 +2.1
NOA	comp-Z,36nm,0.8s,baz=48,slow=4.7,SNR=1.9			P	P	03 39 21.1 +0.7
NOA	comp-Z,31nm,0.8s,baz=43,slow=5.8,SNR=3.3			S	S	03 45 35.7 -1.4
NOA	comp-Z,20nm,1.0s,baz=51,slow=5.7,SNR=5.7			S	S	03 45 35.7 -1.4
BMN	Battle Moutai	81.48	49	eP	P	03 36 08.3 +0.8
BMN	comp-Z,530nm,1.6s			pmax	pmax	
BMN	Battle Moutai	81.48	49	eP	P	03 36 08.3 +0.8
BMN	comp-Z,530nm,1.6s			eP	eP	03 36 07.1 +0.2
MOL	Molde	81.49	340	eP	P	03 36 13.3
MOL	comp-Z,350nm,1.2s			Iamb	Iamb	
MOL				IVMs_BB	IVMs_BB	04 19 03.1
NC602	NORSAR Array S	81.53	337	eP	P	03 36 06.1 -1.0
NC602	comp-Z,128nm,1.0s			Iamb	Iamb	03 36 12.4
NB002	NORSAR Array S	81.54	337	eP	P	03 36 06.5 -0.7
BYBT	Boyatbat	81.57	313	eP	P	03 36 08.7 +1.0
CUSAR	Karskila-SIVAS	81.62	310	eP	P	03 36 07.7 -0.6
LRM	Limekiln Ridge	81.69	42	eP	P	03 36 09.3 +0.7
LRM				ePP	pP	03 37 47.3 -7.4
HLID	Hailey	81.69	45	eP	P	03 36 09.1 +0.6
HLID	comp-Z,198nm,1.0s			eP	eP	03 36 09.4 +0.9
GZT	Gaziantep	81.73	308	eP	P	03 36 09.6 +0.8
NV01	Mina Array	81.75	51	eP	P	03 36 08.6 -0.4
NVAR	Mina Array Bea	81.75	51	eP	P	03 36 09.8 +0.8
NVAR	comp-Z,109nm,0.6s,baz=288,slow=5.6,SNR=444			pP	pP	03 37 58.6 +3.4
NVAR	comp-Z,34nm,0.7s,baz=283,slow=5.5,SNR=4.0			S	S	03 45 41.5 -0.2
NVAR	comp-Z,1.7nm,0.9s,baz=318,slow=3.9,SNR=2.7			PKKpbc	PKKpbc	03 54 37.4 +1.0
NVAR	comp-Z,0.4nm,0.3s,baz=136,slow=4.3,SNR=5.4			PKKpbc	PKKpbc	04 02 41.4 -1.6
NVAR	comp-Z,0.8nm,0.8s,baz=145,slow=3.3,SNR=2.7			PKKpbc	PKKpbc	03 36 10.0 +0.8
MLAC	Mammoth Lakes	81.77	52	eP	P	03 36 10.0 +0.8
BZK	Bozkurt	81.81	313	eP	P	03 36 09.7 +0.8
DLMT	Dillon	81.84	43	eP	P	03 36 09.9 +0.6
NVAR	comp-Z,457nm,1.4s			eP	eP	03 36 09.7 +0.8
SORM	Soroca	81.90	321	eP	P	03 36 09.0 -0.3
AKN	Aaknes	81.96	339	eP	P	03 36 09.5 +0.2
AKN	comp-Z,401nm,1.1s			Iamb	Iamb	03 36 24.0
AKN				e	e	03 37 54.6
AKN				i	i	03 41 42.2
AKN				IVMs_BB	IVMs_BB	04 19 17.8
MCMT	McKenzie Canyo	81.98	43	eP	P	03 36 10.4 +0.3
FFC	Flin Flon	82.00	31	eP	P	03 36 09.6 0.0
FFC	comp-Z,185nm,1.1s			pmax	pmax	
FFC	Flin Flon	82.00	31	eP	P	03 36 09.0 -0.6
FFC	comp-Z,802nm,1.0s,SNR=29			P	P	03 36 09.6 0.0
FFC	Flin Flon	82.00	31	eP	P	03 36 09.6 0.0
FFC	comp-Z,185nm,1.1s			P	P	03 36 09.6 0.0
SARI	SarDiz-Kayseri	82.00	309	eP	P	03 36 11.2 +0.9
LGM	Lewis and Clar	82.02	42	eP	P	03 36 10.9 +0.8
ECCM	Eagleton	82.03	39	eP	P	03 36 10.4 +0.3
EGMT	Eagleton	82.03	39	eP	P	03 36 10.5 +0.4
SLMH	Al SalmeH	82.04	307	eP	P	03 36 11.1 +0.8
SMMC	Simmer	82.09	54	eP	P	03 36 11.2 +0.7
MTUM	Tungsten Hills	82.10	52	eP	P	03 36 11.2 +0.5
KMRS	Kahramanmaras	82.12	308	eP	P	03 36 11.5 +0.8
YOZ	Yozgat	82.13	311	eP	P	03 36 11.7 +0.9
RCTO	Rector, Farmer	82.14	53	eP	P	03 36 10.6 -0.1
AYKD	Aykinkavak	82.23	308	eP	P	03 36 11.5 +0.2
RAYN	Ar Rayn	82.24	292	eP	P	03 36 12.4 +0.9
RAYN	comp-Z,6um,1.0s			P	P	03 36 12.1 +0.5
BGMT	Barton Gulch	82.25	42	eP	P	03 36 12.2 +0.8
BOZ	Bozeman (W)	82.26	42	eP	P	03 36 12.4 +1.0
BOZ	comp-Z,347nm,1.3s			pmax	pmax	
BOZ	Bozeman (W)	82.26	42	eP	P	03 36 11.7 +0.3
BOZ	comp-Z,82,SNR=8			P	P	03 36 12.4 +1.0
BOZ	Bozeman (W)	82.26	42	eP	P	03 36 12.4 +1.0
BOZ	comp-Z,47nm,1.3s			P	P	03 36 12.4 +1.0
KIS	Kishinev	82.27	320	eP	P	03 36 11.0 -0.2
KIS	comp-Z,800nm,1.0s			P	P	03 36 11.0 -0.2
KIS	Kishinev	82.27	320	eP	P	03 38 00.0 +2.5
KIS	comp-Z,47nm,1.3s			ePP	pP	03 38 46.0 -1.6
KIS	Kishinev	82.27	320	eP	P	03 38 00.0 +2.5
KIS	comp-Z,47nm,1.3s			e'PP	pP	03 38 46.0
KIS	Kishinev	82.27	320	eP	P	03 38 00.0 +2.5
KIS	comp-Z,47nm,1.3s			e	e	03 38 46.0
KIS	Kishinev	82.27	320	eP	P	03 45 48.0 +2.0
KIS	comp-Z,47nm,1.3s			i	i	03 51 22.0 +3.2
KIS	Kishinev	82.27	320	eP	P	03 36 10.7 -0.5
TOSY	Tosya	82.27	313	eP	P	03 36 12.9 +1.4
CORM	Korum	82.31	312	eP	P	03 36 12.7 +1.0
MILM	Milestii Mici	82.32	320	eP	P	03 36 10.7 -0.2
KUZU	Kuzuni	82.36	309	eP	P	03 36 12.3 +0.4
OSL	Oslo	82.39	337	eP	P	03 36 11.2 -0.3
OSL	comp-Z,284nm,0.9s			Iamb	Iamb	03 36 17.2

OSL				i	i	03 37 55.2
OSL				e	e	03 44 50.8
OSL				IVMs_BB	IVMs_BB	04 15 48.5
ILULI	Ilulissat	82.39	4	iP	P	03 36 11.6 +0.3
ILULI	comp-Z,7um,19.0s			P	P	03 36 11.6 +0.3
KAMA	Osmaniyeh	82.44	308	eP	P	03 36 12.2 -0.2
ILGA	Ilgaz	82.46	313	eP	P	03 36 12.5 -0.1
ANDR	Andirin	82.47	309	eP	P	03 36 12.1 -0.4
VENI	Vestali, Richgr	82.48	353	eP	P	03 36 12.2 -0.3
VENI	comp-Z,82,SNR=54			P	P	03 36 12.2 -0.3
TIN	Tinmahah	82.48	52	eP	P	03 36 13.4 +0.8
FCC	Fort Churchill	82.56	25	eP	P	03 36 12.2 -0.2
FCC	comp-Z,120nm,0.9s			pmax	pmax	
FCC	Fort Churchill	82.56	25	eP	P	03 36 12.2 -0.2
FCC	comp-Z,120nm,0.9s			P	P	03 36 12.2 -0.2
PMOR	Pomarioree	82.58	111	eP	P	03 36 17.4 +4.2
PMOR	comp-Z,999nm,1.4s			eP	eP	03 36 02.0 +2.3
PPT2	Papeete2	82.59	114	eP	P	03 36 18.1 +4.8
PPT2	comp-Z,119nm,1.3s			eP	eP	03 38 02.9 +3.0
PPT2	comp-Z,87nm,1.2s			eS	S	03 45 52.7 +2.5
PPT2	comp-Z,5um,28.2s			eS	S	03 46 13.2 -0.2
ELKO	Elko	82.62	48	eP	P	03 36 13.2 -0.2
ELK	comp-Z,120nm,0.6s,baz=238,slow=0.0,SNR=280			PKKpbc	PKKpbc	03 54 32.9 -1.7
ELK	comp-Z,2.3nm,0.8s,baz=51,slow=1.1,SNR=11			P'P'df	P'P'df	04 02 42.2 +0.8
ELK	Elko	82.62	48	eP	P	03 36 14.5 +1.1
ELK	comp-Z,1.5nm,0.8s,baz=230,slow=0.8,SNR=3.6			pmax	pmax	
ELK	Elko	82.62	48	eP	P	03 36 14.5 +1.1
ELK	comp-Z,284nm,1.1s			eP	eP	03 36 14.5 +1.1
ELK	Elko	82.62	48	eP	P	03 36 14.5 +1.1
ELK	comp-Z,284nm,1.1s			PKKpbc	PKKpbc	03 54 32.9 -1.7
ELK	Elko	82.62	48	eP	P	04 02 42.2
PAE	Paea	82.63	114	eP	P	03 36 17.7 +4.3
PAE	comp-Z,269nm,1.2s			P	P	03 36 14.3 +0.6
SBC	Santa Barbara	82.72	55	eP	P	03 36 14.7 +0.8
SBC	comp-Z,83,SNR=83			P	P	03 36 18.7 +4.6
CANT	Cankiri	82.76	312	eP	P	03 36 14.7 +0.8
TIAR	Tiarei	82.76	114	eP	P	03 36 18.7 +4.6
TIAR	comp-Z,63nm,1.5s			eP	eP	03 38 03.6 +2.9
CDAG	Ciekadag	82.77	311	eP	P	03 36 14.1 0.0
CLMT	Clam Lake	82.83	43	eP	P	03 36 14.5 +1.1
KOZT	Kozan	82.87	309	eP	P	03 36 14.9 +0.4
IAS	Iasi	82.87	320	eP	P	03 36 14.9 +0.7
LEOM	Leova	82.89	319	eP	P	03 36 14.3 0.0
VAH	Vahia	82.92	111	eP	P	03 36 18.9 +0.0
VAH	comp-Z,164nm,1.4s			eP	eP	03 38 04.1 +2.5
TVO	Taravao	82.96	114	eP	P	03 36 19.9 +4.8
TVO	comp-Z,70nm,1.3s			eP	eP	03 38 04.8 +3.0
HYA	Hoyanger	82.98	339	eP	P	03 36 14.2 -0.2
HYA	comp-Z,534nm,1.3s			Iamb	Iamb	03 36 20.7
HYA				i	i	03 38 04.1
HYA				e	e	03 41 54.4
HYA				e	e	03 45 02.9
HYA				IVMs_BB	IVMs_BB	04 14 48.0
KONO	Kongsberg	82.99	337	eP	P	03 36 13.9 -0.6
KONO	comp-Z,3um,18.8s			Iamb	Iamb	03 36 20.0
KONO	comp-Z,102nm,0.8s			IVMs_BB	IVMs_BB	04 18 16.6
KONO	Kongsberg	82.99	337	eP	P	03 36 14.0 -0.6
KONO	comp-Z,281nm,1.4s			pmax	pmax	
BSC	Santa Cruz Isl	82.99	55	eP	P	03 36 15.2 +0.1
ISA	Isabella	83.00	53	eP	P	03 36 15.0 -0.2
ISA	comp-Z,147nm,1.0s			pmax	pmax	
ISA	Isabella	83.00	53	eP	P	03 36 14.7 -0.5
ISA	comp-Z,147nm,1.0s			eP	eP	03 36 15.0 -0.2
ISA	Isabella	83.00	53	eP	P	03 36 15.0 -0.2
FOO	Flores	83.00	340	eP	P	03 36 14.9 +0.3

1451

FNA	Florida	90.28 318	P	P	03 36 48.6	-1.2
PKDS	Pokdum	90.32 325	iP	P	03 36 49.0	-0.9
KZN	Kozani	90.34 317	P	P	03 36 49.1	-1.1
SMIA	Simia	90.35 315	P	P	03 36 49.0	-1.2
NKY	Niksic	90.30 321	iP	P	03 36 49.8	-0.6
G32A	Webster	90.37 36	P	P	03 36 49.9	-0.2
H31A	Wolsey	90.38 37	P	P	03 36 49.9	-0.3
NKME	Niksic	90.41 321	iP	P	03 36 48.9	-1.5
TNS	Taunus Mts	90.41 331	eP	P	03 36 49.2	-1.1
TNS						
CHR	Ohrid	90.41 318	iP	S	03 36 52.1	-1.1
SANT	Santorini	90.42 312	iP	P	03 36 49.7	-0.8
C35A	Jirjak Farms, M	90.43 33	P	P	03 36 50.5	+0.2
KBA	Koelnbreinsper	90.44 326	iP	P	03 36 49.5	-1.1
PDG	Podgorica	90.46 320	iP	P	03 36 49.4	-1.1
PDG	Podgorica	90.46 320	iP	P	03 36 49.9	-0.6
TTG	Podgorica	90.46 320	iP	P	03 36 49.5	-1.1
THR8	Thira	90.47 312	iP	P	03 36 49.9	-0.8
K29A	Lazy Trails An	90.50 39	P	P	03 36 50.7	-0.1
BRY	Bratogost	90.55 321	iP	P	03 36 50.3	-0.9
SDCO	Great Sand Dun	90.55 46	eP	P	03 36 52.0	+0.5
SDCO	Great Sand Dun	90.55 46	eP	P	03 36 52.3	+0.8
CEME	Cevo	90.57 320	iP	P	03 36 50.4	-0.8
LJU	Ljubljana	90.57 325	eP	P	03 36 49.9	-1.2
LJU			eP	PP	03 38 38.8	-0.9
LJU			e	SP	03 39 27.4	-1.7
LJU			e		03 40 42.7	
LJU			e		03 42 58.5	
LJU			eS		03 47 02.3	-2.5
LJU			eS		03 44 58.6	
LJU			e		03 53 25.8	
LJU			e		03 57 02.8	
LJU			e		04 00 23.5	
LJU			e		04 02 29.8	
BOUS	Bojanci	90.58 324	iP	P	03 36 50.4	-0.6
ATAL	Atalanti	90.58 315	P	P	03 36 49.1	-1.7
F33A	5 Mile Ranch,	90.59 35	P	P	03 36 51.4	+0.3
J30A	Dallas	90.59 39	P	P	03 36 51.2	-0.1
PGBU	Glenferbraes	90.60 340	eP	AMB	03 36 50.5	-0.4
PGBU			AMB	AMB	03 36 57.3	
EKA	Eskdalemuir Ar	90.61 340	eP	P	03 36 50.5	-0.5
ATAL	Atalanti	90.61 326	iP	P	03 38 42.9	+3.3
EKA			eP	PP	03 40 33.8	+0.4
EKA			e	PP	03 47 02.3	-2.5
EKA			e	SKS	03 49 02.8	
EKA			e	SKS	03 53 25.8	
EKA			e	SKS	03 57 02.8	
EKA			e	SKS	04 00 23.5	
EKA			e	SKS	04 02 29.8	
EKA			e	SKS	04 04 42.7	
EKA			e	SKS	04 06 58.6	
EKA			e	SKS	04 09 23.5	
EKA			e	SKS	04 11 38.8	
EKA			e	SKS	04 14 53.8	
EKA			e	SKS	04 17 08.8	
EKA			e	SKS	04 20 23.5	
EKA			e	SKS	04 22 39.8	
EKA			e	SKS	04 25 54.8	
EKA			e	SKS	04 28 69.8	
EKA			e	SKS	04 31 84.8	
EKA			e	SKS	04 34 99.8	
EKA			e	SKS	04 38 14.8	
EKA			e	SKS	04 41 29.8	
EKA			e	SKS	04 44 44.8	
EKA			e	SKS	04 47 59.8	
EKA			e	SKS	04 51 14.8	
EKA			e	SKS	04 54 29.8	
EKA			e	SKS	04 57 44.8	
EKA			e	SKS	05 00 59.8	
EKA			e	SKS	05 04 14.8	
EKA			e	SKS	05 07 29.8	
EKA			e	SKS	05 10 44.8	
EKA			e	SKS	05 13 59.8	
EKA			e	SKS	05 17 14.8	
EKA			e	SKS	05 20 29.8	
EKA			e	SKS	05 23 44.8	
EKA			e	SKS	05 26 59.8	
EKA			e	SKS	05 30 14.8	
EKA			e	SKS	05 33 29.8	
EKA			e	SKS	05 36 44.8	
EKA			e	SKS	05 39 59.8	
EKA			e	SKS	05 43 14.8	
EKA			e	SKS	05 46 29.8	
EKA			e	SKS	05 49 44.8	
EKA			e	SKS	05 52 59.8	
EKA			e	SKS	05 56 14.8	
EKA			e	SKS	05 59 29.8	
EKA			e	SKS	06 02 44.8	
EKA			e	SKS	06 05 59.8	
EKA			e	SKS	06 09 14.8	
EKA			e	SKS	06 12 29.8	
EKA			e	SKS	06 15 44.8	
EKA			e	SKS	06 18 59.8	
EKA			e	SKS	06 22 14.8	
EKA			e	SKS	06 25 29.8	
EKA			e	SKS	06 28 44.8	
EKA			e	SKS	06 31 59.8	
EKA			e	SKS	06 35 14.8	
EKA			e	SKS	06 38 29.8	
EKA			e	SKS	06 41 44.8	
EKA			e	SKS	06 44 59.8	
EKA			e	SKS	06 48 14.8	
EKA			e	SKS	06 51 29.8	
EKA			e	SKS	06 54 44.8	
EKA			e	SKS	06 57 59.8	
EKA			e	SKS	07 01 14.8	
EKA			e	SKS	07 04 29.8	
EKA			e	SKS	07 07 44.8	
EKA			e	SKS	07 10 59.8	
EKA			e	SKS	07 14 14.8	
EKA			e	SKS	07 17 29.8	
EKA			e	SKS	07 20 44.8	
EKA			e	SKS	07 23 59.8	
EKA			e	SKS	07 27 14.8	
EKA			e	SKS	07 30 29.8	
EKA			e	SKS	07 33 44.8	
EKA			e	SKS	07 36 59.8	
EKA			e	SKS	07 40 14.8	
EKA			e	SKS	07 43 29.8	
EKA			e	SKS	07 46 44.8	
EKA			e	SKS	07 49 59.8	
EKA			e	SKS	07 53 14.8	
EKA			e	SKS	07 56 29.8	
EKA			e	SKS	07 59 44.8	
EKA			e	SKS	08 02 59.8	
EKA			e	SKS	08 06 14.8	
EKA			e	SKS	08 09 29.8	
EKA			e	SKS	08 12 44.8	
EKA			e	SKS	08 15 59.8	
EKA			e	SKS	08 19 14.8	
EKA			e	SKS	08 22 29.8	
EKA			e	SKS	08 25 44.8	
EKA			e	SKS	08 28 59.8	
EKA			e	SKS	08 32 14.8	
EKA			e	SKS	08 35 29.8	
EKA			e	SKS	08 38 44.8	
EKA			e	SKS	08 41 59.8	
EKA			e	SKS	08 45 14.8	
EKA			e	SKS	08 48 29.8	
EKA			e	SKS	08 51 44.8	
EKA			e	SKS	08 54 59.8	
EKA			e	SKS	08 58 14.8	
EKA			e	SKS	09 01 29.8	
EKA			e	SKS	09 04 44.8	
EKA			e	SKS	09 07 59.8	
EKA			e	SKS	09 11 14.8	
EKA			e	SKS	09 14 29.8	
EKA			e	SKS	09 17 44.8	
EKA			e	SKS	09 20 59.8	
EKA			e	SKS	09 24 14.8	
EKA			e	SKS	09 27 29.8	
EKA			e	SKS	09 30 44.8	
EKA			e	SKS	09 33 59.8	
EKA			e	SKS	09 37 14.8	
EKA			e	SKS	09 40 29.8	
EKA			e	SKS	09 43 44.8	
EKA			e	SKS	09 46 59.8	
EKA			e	SKS	09 50 14.8	
EKA			e	SKS	09 53 29.8	
EKA			e	SKS	09 56 44.8	
EKA			e	SKS	09 59 59.8	
EKA			e	SKS	10 03 14.8	
EKA			e	SKS	10 06 29.8	
EKA			e	SKS	10 09 44.8	
EKA			e	SKS	10 12 59.8	
EKA			e	SKS	10 16 14.8	
EKA			e	SKS	10 19 29.8	
EKA			e	SKS	10 22 44.8	
EKA			e	SKS	10 25 59.8	
EKA			e	SKS	10 29 14.8	
EKA			e	SKS	10 32 29.8	
EKA			e	SKS	10 35 44.8	
EKA			e	SKS	10 38 59.8	
EKA			e	SKS	10 42 14.8	
EKA			e	SKS	10 45 29.8	
EKA			e	SKS	10 48 44.8	
EKA			e	SKS	10 51 59.8	
EKA			e	SKS	10 55 14.8	
EKA			e	SKS	10 58 29.8	
EKA			e	SKS	11 01 44.8	
EKA			e	SKS	11 04 59.8	
EKA			e	SKS	11 08 14.8	
EKA			e	SKS	11 11 29.8	
EKA			e	SKS	11 14 44.8	
EKA			e	SKS	11 17 59.8	
EKA			e	SKS	11 21 14.8	
EKA			e	SKS	11 24 29.8	
EKA			e	SKS	11 27 44.8	
EKA			e	SKS	11 30 59.8	
EKA			e	SKS	11 34 14.8	
EKA			e	SKS	11 37 29.8	
EKA			e	SKS	11 40 44.8	
EKA			e	SKS	11 43 59.8	
EKA			e	SKS	11 47 14.8	
EKA			e	SKS	11 50 29.8	
EKA			e	SKS	11 53 44.8	
EKA			e	SKS	11 56 59.8	
EKA			e	SKS	11 60 14.8	
EKA			e	SKS	11 63 29.8	
EKA			e	SKS	11 66 44.8	
EKA			e	SKS	11 69 59.8	
EKA			e	SKS	11 73 14.8	
EKA			e	SKS	11 76 29.8	
EKA			e	SKS	11 79 44.8	
EKA			e	SKS	11 82 59.8	
EKA			e	SKS	11 86 14.8	
EKA			e	SKS	11 89 29.8	
EKA			e	SKS	11 92 44.8	
EKA			e	SKS	11 95 59.8	
EKA			e	SKS	11 99 14.8	
EKA			e	SKS	12 02 29.8	
EKA			e	SKS	12 05 44.8	
EKA			e	SKS	12 08 59.8	
EKA			e	SKS	12 12 14.8	
EKA			e	SKS	12 15 29.8	
EKA			e	SKS	12 18 44.8	
EKA			e	SKS	12 21 59.8	
EKA			e	SKS	12 25 14.8	
EKA			e	SKS	12 28 29.8	
EKA			e	SKS	12 31 44.8	
EKA			e	SKS	12 34 59.8	
EKA			e	SKS	12 38 14.8	
EKA			e	SKS	12 41 29.8	
EKA			e	SKS	12 44 44.8	
EKA			e	SKS	12 47 59.8	
EKA			e	SKS	12 51 14.8	
EKA			e	SKS	12 54 29.8	
EKA			e	SKS	12 57 44.8	
EKA			e	SKS	13 00 59.8	
EKA			e	SKS	13 04 14.8	
EKA			e	SKS	13 07 29.8	
EKA			e	SKS	13 10 44.8	
EKA			e	SKS	13 13 59.8	
EKA			e	SKS	13 17 14.8	
EKA			e	SKS	13 20 29.8	
EKA			e	SKS	13 23 44.8	
EKA						

30d 3h

R32A	Long Quarter, baz=94, SNR=9.0	94.27	42	P	P	03 37 07.6	-0.6
MNTX	Cornudas Mount baz=94, SNR=46	94.27	51	P	P	03 37 08.3	-0.1
MNTX	Cornus Mount comp=Z, 181nm, 1.4s	94.27	51	eP	P	03 37 08.9	+0.6
J38A	Wedel Dairy, R baz=94	94.30	35	P	P	03 37 07.4	-0.8
U30A	WK&E Inc. Balk baz=94	94.34	44	P	P	03 37 07.1	-1.5
S31A	Mullinville, baz=94, SNR=16	94.34	43	P	P	03 37 07.7	-0.8
N35A	Tabor baz=94, SNR=14	94.36	38	P	P	03 37 08.2	-0.3
RER	Riviere de l'E comp=Z, 186nm, 1.1s	94.39	248	eP	P	03 37 09.0	0.0
Q33A	Connelly Farm, baz=94, SNR=11	94.40	41	P	P	03 37 08.7	0.0
M36A	Felix, Anita baz=94, SNR=7.8	94.41	38	P	P	03 37 08.3	-0.4
L37A	Phoenix Point, baz=94	94.50	37	P	P	03 37 07.7	-1.4
T31A	Randall Ranch, baz=94	94.56	43	P	P	03 37 08.0	-1.6
P34A	Walnut Farm, R baz=94, SNR=26	94.60	40	P	P	03 37 09.0	-0.7
S32A	Newby Ranch, P baz=94	94.61	43	P	P	03 37 08.1	-1.7
MSTX	Muleshoe baz=94	94.62	47	P	P	03 37 10.0	0.0
MSTX	Muleshoe comp=Z, 178nm, 1.4s	94.62	47	eP	P	03 37 11.2	+1.2
O5TA	Humboldt baz=94	94.63	39	P	PP	03 41 00.6	-4.9
O35A	Humboldt comp=Z, 24nm, 0.7s, baz=298, slow=2.8, SNR=59	94.63	39	P	PP	03 37 08.1	-1.7
K38A	Parkersburg baz=94	94.63	36	P	P	03 37 08.5	-1.2
AMTX	Amarillo baz=95	94.74	46	P	P	03 37 09.9	-0.6
AMTX	Amarillo comp=Z, 316nm, 1.1s	94.74	46	eP	P	03 37 11.4	+0.9
N36A	Muff Farm, C1a baz=95, SNR=11	94.77	38	P	P	03 37 10.1	-0.3
R33A	Olander Ranch, baz=95	94.77	42	P	P	03 37 10.9	+0.4
V30A	Spur Ranch, Mi baz=95	94.81	45	P	P	03 37 10.6	-0.1
M37A	Trindle Farm, baz=95	94.84	37	P	P	03 37 10.7	0.0
L38A	Oak Wood Farm, baz=95	94.90	36	P	P	03 37 10.8	-0.1
SC1A	State Center comp=Z, 138nm, 1.1s	94.93	36	eP	P	03 37 13.3	+2.3
U31A	Nine Bar Ranch, baz=95	94.93	44	P	P	03 37 11.2	-0.1
Q34A	Chapman baz=95, SNR=12	94.96	41	P	P	03 37 11.1	-0.2
T32A	Huddler Ranch, baz=95	94.96	43	P	P	03 37 11.7	+0.3
FURI	Furi	94.98	283	eP	P	03 37 05.5	-6.7
FURI	Furi			sP	P	03 39 49.1	-1.4
FURI	Furi			eSP	P	03 41 16.2	+6.9
KSU1	Kansas State U comp=Z, 104nm, 0.8s	95.03	40	eP	SKKSac	03 37 15.1	-1.1
KSU1	Kansas State U baz=95, SNR=22	95.03	40	eP	P	03 37 14.1	-0.2
KSU1	Kansas State U comp=Z, 104nm, 0.8s	95.03	40	eP	P	03 37 11.7	+0.1
P35A	Duane Minner, baz=95	95.07	40	P	P	03 37 12.1	+0.3
BNI	Baronecchia comp=Z, 360nm, 1.9s	95.09	328	eP	pmax	03 37 10.6	-1.3
BNI	Baronecchia comp=Z, 360nm, 1.9s	95.09	328	eP	pmax	03 37 10.6	-1.3
R34A	Isabella, Hill baz=95	95.21	41	P	P	03 37 12.3	-0.1
N37A	Lee Faris, Mou baz=95, SNR=10	95.22	38	P	P	03 37 11.9	-0.5
S33A	Kaszaul Farm, baz=95	95.24	42	P	P	03 37 12.0	-0.6
O36A	Bolckow baz=95, SNR=11	95.24	39	P	P	03 37 12.2	-0.3
W30A	Crocket Farms, baz=95	95.25	45	P	P	03 37 12.3	-0.5
M38A	Pleasantville baz=95, SNR=10.0	95.29	37	P	P	03 37 12.6	-0.1
Z28A	Tucker Farm, M baz=95	95.29	48	P	P	03 37 12.0	-1.0
V31A	Spring Creek L, baz=95	95.32	44	P	P	03 37 12.1	-1.0
T33A	Patterson Ranc, baz=95	95.44	43	P	P	03 37 13.5	0.0
U32A	Winter Ranch, baz=95	95.44	44	P	P	03 37 12.4	-1.2
P36A	Good Intent, A baz=95	95.46	39	P	P	03 37 13.6	0.0
Q35A	Mercer Eighty, baz=95, SNR=30	95.52	40	P	P	03 37 13.4	-0.5
X30A	Coker Ranch, T baz=95	95.53	46	P	P	03 37 13.8	-0.2
SLB5	Sierra La Lagu, baz=95, SNR=10	95.63	59	eP	P	03 37 18.9	+4.2
W31A	Holland Ranch, baz=96	95.64	45	P	P	03 37 14.0	-0.5
VAL	Valentia 95.64 342 iJP					03 37 12.5	-1.5
VAL	Valentia 95.64 342 eS					03 37 14.6	-2.0
128A	Castleberry Fa, baz=96, SNR=8.7	95.65	48	P	P	03 37 14.4	-0.3
O37A	Wolven Farm, M baz=96	95.67	38	P	P	03 37 14.1	-0.4
S34A	Willow Spring, baz=96	95.69	42	P	P	03 37 14.5	-0.1
JFWS	Jewell Farm	95.71	34	eP	pmax	03 37 15.5	+0.9
JFWS	Jewell Farm comp=Z, 47nm, 1.0s	95.71	34	eP	pmax	03 37 15.5	+0.9
JFWS	Jewell Farm comp=Z, 47nm, 1.0s	95.71	34	eP	P	03 37 15.5	+0.9
N38A	Joess South For, baz=96	95.72	37	P	P	03 37 14.5	-0.1
Z29A	Hungry Hill Ra, baz=96, SNR=8.8	95.75	47	P	P	03 37 15.5	+0.4
Q36A	Arnold C. Orve, baz=96	95.78	40	P	P	03 37 14.7	-0.2
R35A	Emporia Munic, baz=96	95.80	41	P	P	03 37 14.6	-0.5
V32A	Arapaho baz=96	95.85	44	P	P	03 37 15.2	-0.2
SSB	Saint Sauveur	95.88	330	eP	pmax	03 37 14.3	-1.1
SSB	Saint Sauveur comp=Z, 78nm, 1.3s	95.88	330	eP	pmax	03 37 14.3	-1.1
SSB	Saint Sauveur comp=Z, 78nm, 1.3s	95.88	330	eP	PP	03 41 11.2	-3.3
Y30A	Stafford Cattl, baz=96	95.88	46	P	P	03 37 15.4	-0.3
228A	Ut Block 9, Go baz=96	95.89	49	P	P	03 37 15.5	-0.3
U33A	Lingo Farm, Me baz=96	95.94	43	P	P	03 37 15.1	-0.7
X31A	McDonald Ranch, baz=96, SNR=8.3	95.98	45	P	P	03 37 15.9	-0.1
N39A	Derby Farms, D, baz=96	96.04	37	P	P	03 37 15.7	-0.4
O38A	Galt baz=96	96.06	38	P	P	03 37 15.5	-0.7
T34A	McClaskey Farm, baz=96	96.10	42	P	P	03 37 15.6	-0.9
Z30A	Sanderson Ranc, baz=96, SNR=7.5	96.11	47	P	P	03 37 16.7	0.0
W32A	Sentinel baz=96, SNR=5.7	96.12	45	P	P	03 37 16.4	-0.2
S35A	Otter Creek Ra, baz=96, SNR=6.3	96.16	41	P	P	03 37 16.1	-0.6
R36A	Gordon, Harris baz=96	96.19	40	P	P	03 37 16.5	-0.4
V31A	Rekieta Farm, baz=96	96.23	46	P	P	03 37 16.6	-0.6
V33A	Lossen Ranch, baz=96	96.25	44	P	P	03 37 16.9	-0.2
U34A	Anderson Ranch, baz=96	96.29	43	P	P	03 37 16.9	-0.5
U34A	Anderson Ranch comp=Z, 390nm, 1.4s	96.29	43	eP	P	03 37 18.2	+0.9
Q37A	Longview Farm, baz=96	96.40	39	P	P	03 37 17.8	0.0
Z29A	Bryant Ranch, baz=96	96.50	48	P	P	03 37 18.1	-0.4

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VAE	Valguarnera 96.53 319 P	P	03 37 19.6	+1.2
VAE	comp=Z, 7.9nm, 0.7s, baz=146, slow=3.6, SNR=2.4	PP	03 41 17.3	-2.4
X32A	Elmer baz=96	96.55 45 P	03 37 18.3	-0.2
S36A	Lake Cedric, C baz=96	96.56 41 P	03 37 18.0	-0.5
T35A	Sooner Cattle baz=96	96.57 42 P	03 37 17.6	-1.0
W33A	Caddo, Fort Co baz=96	96.58 44 P	03 37 18.1	-0.6
R37A	Teagarden Farm baz=96	96.58 40 P	03 37 17.8	-0.8
130A	Snyder comp=Z, 135nm, 1.1s	96.66 48 P	03 37 17.5	-1.6
WMOK	Wichita Mounta baz=96	96.66 45 eP	03 37 18.1	-1.0
WMOK	Wichita Mounta baz=96	96.66 45 eP	03 37 17.4	-1.6
329A	Wagon Wheel Ra, baz=97, SNR=14	96.69 49 P	03 37 18.8	-0.5
V34A	Guthrie baz=96	96.70 43 P	03 37 17.7	-1.5
V34A	Guthrie comp=Z, 315nm, 1.4s	96.70 43 eP	03 37 20.7	+1.5
Z31A	Sharp Cattle R, baz=97	96.72 47 P	03 37 18.3	-1.1
Y32A	PO W Farms, Ver, baz=97	96.72 46 P	03 37 18.3	-1.1
U35A	Pawnee baz=97	96.81 42 P	03 37 18.3	-1.4
T36A	Boggs Farm, Ca baz=97, SNR=5.3	96.84 41 P	03 37 18.2	-1.6
TX31	Lajitas Ar. Si baz=97	96.88 52 eP	03 37 20.8	+0.5
TXAR	Lajitas Array, comp=Z, 24nm, 0.7s, baz=298, slow=2.8, SNR=59	96.88 52 eP	03 37 20.8	+0.6
TXAR	comp=Z, 276nm, 0.9s, baz=288, slow=2.9, SNR=7.0	96.88 52 eP	03 39 13.1	+3.7
TXAR	comp=Z, 0.5nm, 0.6s, baz=114, slow=2.2, SNR=3.4	96.88 52 eP	03 53 57.9	-1.1
W34A	Bridge Creek, baz=95	96.95 44 eP	03 37 18.8	-1.5
W34A	Bridge Creek, comp=Z, 211nm, 1.2s	96.95 44 eP	03 37 23.1	+2.8
X33A	Lawton baz=95	96.96 45 Pdiff	03 37 19.2	-1.2
S37A	Fort Scott baz=97	96.97 40 Pdiff	03 37 18.7	-1.6
131A	Roby baz=97	96.98 47 Pdiff	03 37 19.2	-1.4
230A	Sterling City, baz=97	97.01 48 Pdiff	03 37 19.3	-1.4
VLDO	Val d'Or, comp=Z, 212nm, 1.9s	97.03 24 eP	03 37 19.1	-1.2
Z32A	Haskell baz=97	97.16 46 Pdiff	03 37 19.7	-1.6
V35A	Meyer Ranch, C, baz=97	97.16 43 Pdiff	03 37 19.9	-1.4
RKT	Rikitea comp=Z, 3um, 34.8s	97.19 112 eSKSac	03 47 16.6	+5.0
RKT	Rikitea comp=Z, 5um, 27.8s	97.19 112 ePS	03 50 28.7	-3.1
Y33A	Hilltop Ranch, baz=97	97.23 45 Pdiff	03 37 19.6	-2.0
X30A	Mertzom baz=97	97.28 49 Pdiff	03 37 20.1	-1.8
429A	Davenport Ranc, baz=97	97.29 50 Pdiff	03 37 20.6	-1.4
X34A	Smith Ranch, M, baz=97	97.33 44 Pdiff	03 37 20.5	-1.5
T37A	Cheneyville 18, baz=97	97.36 41 Pdiff	03 37 20.3	-1.8
S29A	Ste Forest Ra, baz=97	97.38 50 Pdiff	03 37 20.5	-1.9
U36A	Oologah, baz=97	97.39 42 Pdiff	03 37 20.2	-2.0
ABTX	Ablene, Hawle, baz=97	97.49 47 Pdiff	03 37 20.9	-1.9
ABTX	Ablene, Hawle, comp=Z, 401nm, 1.4s	97.49 47 eP	03 37 25.4	+2.6
Z31A	Bronite baz=97	97.50 48 Pdiff	03 37 21.0	-1.9
W35A	Tecumseh, baz=97	97.55 43 Pdiff	03 37 21.1	-1.9
Z33A	Whitaker Ranch, baz=97	97.62 46 Pdiff	03 37 21.4	-2.0
430A	Baggett Ranch, baz=98	97.63 49 Pdiff	03 37 21.7	-1.8
V36A	Jenks baz=98	97.68 42 Pdiff	03 37 21.9	-1.7
TUL1	Tulsa baz=98	97.68 42 Pdiff	03 37 22.0	-1.5
TUL1	Tulsa comp=Z, 136nm, 1.4s	97.68 42 eP	03 37 24.3	+0.7
U37A	Salina baz=98	97.74 41 Pdiff	03 37 22.3	-1.5
Y34A	Reagan Ranch, baz=98	97.81 45 Pdiff	03 37 22.4	-1.8
331A	San Angelo, baz=98	97.83 48 Pdiff	03 37 22.9	-1.5
HD1L	Hopedale, baz=96	97.94 35 Pdiff	03 37 23.1	-1.5
HD1L	Hopedale, comp=Z, 72nm, 1.0s	97.94 35 ePdiff	03 37 25.4	+0.7
W36A	Wetumka, baz=96	97.95 43 Pdiff	03 37 23.4	-1.4
530A	J-C Ranch, Com, baz=96	97.96 50 Pdiff	03 37 24.2	-0.8
232A	Coleman, baz=98	97.97 47 Pdiff	03 37 23.3	-1.7
133A	Hamilton Ranch, baz=98	97.97 46 Pdiff	03 37 23.8	-1.2
X35A	Drake, baz=98	98.00 44 Pdiff	03 37 24.0	-1.0
V37A	Hulbert, baz=98	98.02 42 Pdiff	03 37 23.2	-2.2
Z34A	Collier Ranch, baz=98	98.10 45 Pdiff	03 37 23.7	-1.8
431A	Sonora, baz=98	98.11 49		

0.4nm,0.6s,baz=258,slow=4.8,SNR=6.1
ARCES ARCESS Array B 124.09,345 PKP
3.9nm,1.0s,baz=55,slow=1.9,SNR=17

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, RUS Russkaya, etc.

CSEM 30 07:33:06.9:0.3,71.16Nk:8.94W,h20km,ML3.4,Error
ellipse: s-maj=13.4km s-min=6.4km az=82.0

NAO 30 07:33:07.9:3.9,71.17Nk:7.87W,h1km,50km,ML3.0
BER 30 07:33:08.0:2.0,3.71.16Nk:8.54W,h23km,11km,MD2.5,
ML3.4

ISC 30 07:33:07.3:1.6,71.13Nk:0.09:8.9W,0.2,h28km,gkm,n18,
#062/22,6C,Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNW Jan Mayen West, JMW Jan Mayen West, JMC Jan Mayen, etc.

ISCJB 30 08:04:38.4:0.7,18.27S:0.05:69.4W:0.1,h143km,6km,
mb3.9/2, Error ellipse: s-maj=18.4km s-min=6.4km

GUC 30 08:04:40.0:0.6,18.28S:69.28W,h122km,4km,ML3.8
IDC 30 08:04:40.5:2.3,18.32S:69.08W,h134km,9km,mb3.9/2,
mb1 3.8/6,mb1mx3/4/28,mbtmp4/2/6, Error ellipse:
s-maj=59.4km s-min=9.1km az=101.0

ISC 30 08:04:39.2:0.9,18.28S:0.05:69.23W:0.10,h130km,gkm,
n14,#c124/23,1C-4D,Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB13 IPOC Station P, MNMC Minimimi, ARCH Arica, etc.

ISCJB 30 08:21:15.2:0.7,50.18N:0.05:19.03E:0.03,h0km,Error
ellipse: s-maj=7.2km s-min=3.0km az=4.6

CSEM 30 08:21:16.4:0.2,50.16N:19.08E,h2km,ML2.5/4,Error
ellipse: s-maj=6.4km s-min=2.7km az=2.0

PRU 30 08:21:17.1:0.5,50.15N:19.08E,h0km
ISC 30 08:21:16.6:0.8,50.14N:0.04:19.08E:0.02,h0km,n22,
#075/31,Poland

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

Table with columns: DPC, Station Name, Az, Phase ID, Time, Res. Includes stations like Dobruska-Polom, VRAC Vranov, GOCOP Goc Pecny, Ondr, etc.

IDC 30 08:33:00.7:1.1,34.42N:7.49E,h0km,mb3.6/8,
mb1 3.8/10,mb1mx3/5/50,mbtmp3.6/10,ML2.9/2,Error
ellipse: s-maj=28.8km s-min=15.1km az=143.0

ISCJB 30 08:33:01.3:0.5,34.32N:0.05:7.63E:0.05,h10km,
mb3.6/8, Error ellipse: s-maj=7.7km s-min=6.4km
az=179.2

CRAAG 30 08:33:03.0:3.4,68N:8.56E,MI3.6
CSEM 30 08:33:06.3:0.6,34.60N:7.94E,h10km,MD3.6,Error
ellipse: s-maj=18.3km s-min=6.7km az=37.0

TUN 30 08:33:07.4,34.73N:8.51E,h9km,MD3.6
ISC 30 08:33:03.4:0.7,34.42N:0.04:7.78E:0.04,h10km,n34,
#t24/32,mb3.7/8,Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OAR Oum El Arais, SYA Sidi Yaiche, THTN Thala, etc.

ISCJB 30 08:39:54.1:0.6,29.81N:0.01:90.33E:0.01,h3km,3km,
mb5.3/225,MS4.9/146, Error ellipse: s-maj=2.5km
s-min=2.0km az=16.8

IDC 30 08:39:55.2:0.3,29.84N:90.43E,h0km,mb5.0/40,
mb1 5.1/43,mb1mx5.1/50,mbtmp5.0/43,ML4.3/3,MS4.5/19,
Ms1 4.5/19,ms1mx4.3/45, Error ellipse: s-maj=12.1km
s-min=8.3km az=39.0

BUI 30 08:39:56.0,29.89N:90.42E,h9km,mb5.0/78,mb5.3/55,
ML5.3/3,MS5.3/85,MS7.5/275

NEIC 30 08:39:56.9:0.1,29.78N:90.33E,h10km,mb5.5/118,
MS5.0/107, Error ellipse: s-maj=4.2km s-min=2.8km
az=22.10

GCMT 30 08:39:57.0:0.2,29.78N:90.53E,h21km,MW5.3/89,
Moment Tensor Solution, s28,c32, s89,c158, Duration:
1s1 Moment Tensor: Scale 10^17Nm; Mr=0.96t; 06;
Mw=0.02t; 03; Mw=1.16t; 04; Mw=0.40t; 07; Mw=0.07t; 02;
Mw=0.02t; 05; Best double couple: Mo1.14900:1017
NP1:336.00000°,850.00000°,A-121.00000°. NP2:
0s199.00000°,849.00000°,A-59.00000°. Principal axes:
T 1.1640,Plg0.0000°,Az=87.00000°; N -0.0280,
Plg23.0000°,Az=357.00000°; P -1.1350,Plg67.0000°,
Az=177.00000°. nst1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

MOS 30 08:39:58.1:0.9,29.74N:90.35E,h33km,mb5.6/67,
ML4.8/40, Error ellipse: s-maj=6.4km s-min=3.8km
az=120.4

BKK 30 08:39:58.5:0.2,30.15N:5.90E,h10km,MS.3/31,
mb5.7/17,mb5.4/31,Mw(mB)5.2/17

DMN 30 08:40:00.2:0.7,30.15N:90.30E,h10km,MI5.2/6,Error
ellipse: s-maj=14.6km s-min=13.5km az=100.0

BGR 30 08:40:09.9,31.02N:89.22E,h33km,mb5.6

ISC 30 08:39:57.5:0.4,29.80N:0.03:90.32E:0.02,h14km,2km,
h13km;p-P,n734,#t955/746,mb5.4/232,MS4.9/147,
60C-30D,Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, TAPN Taplejung, ODAN Odare, etc.

Table with columns: DANN, Station Name, Az, Phase ID, Time, Res. Includes stations like DANN, KOLN Koldanda, BOK Bokaro, etc.

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
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Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

ISCJB 30 08:41:26.8:1.7,80.42N:31.2+1.9
Error ellipse: s-maj=1.7km s-min=1.9km az=11.7

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SUMG Summit, NIKH Nikolski High, COLD Coldfoot, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LBTB Lobatse, ARMA Armidale, BOSB Boshof, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GOGA Godfrey, RAR Rarotonga, MNTX Cornudas Mount, etc.

Technical notes and coordinates for stations IDC 30 08:42:18.7, NEIC 30 08:42:22.6, GCMT 30 08:42:22.6, MOS 30 08:42:23.0, and ISCJB 30 08:42:23.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like NIKH Nikolski High, OKSO Okmok South, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like MWC Mount Wilson, DGMT Dagmar, GSC Goldstone, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like N23A Red Feather La, WUAZ Wupatki, PHWY Patriot Hill, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like KSSEO Seoul, SDCO Great Sand Dun, K29A Lazy Trails An, etc.

139A	baz=56 Bunkhouse Ranc	56.15	79	P	P	08 52 00.3	0.0
833A	Chaparral WMA, baz=56	56.15	86	P	P	08 51 59.9	-0.5
238A	Jacksonville baz=56	56.18	80	P	P	08 52 01.1	+0.6
PARMO 734A	Parma La Parita Cree	56.18	72	eP	P	08 51 59.7	-0.8
BLO	Bloomington	56.30	85	P	P	08 52 01.7	+0.3
BLO	comp=Z,18nm,0.8s	56.35	68	eP	P	08 51 59.9	-1.8
BLO	Bloomington	56.35	68	eP	P	08 51 59.9	-1.8
635A	Leesville	56.39	84	P	P	08 52 01.5	-0.6
USIN	University of	56.51	70	eP	P	08 52 02.0	-0.8
SADO	Sadowa	56.63	59	eP	P	08 52 03.6	-0.1
933A	Laredo	56.74	87	P	P	08 52 04.4	-0.2
636A	Smothers Creek baz=57	56.77	84	P	P	08 52 04.4	-0.3
WCI	Wyandotte Cave	57.12	69	eP	P	08 52 06.8	-0.4
WCI	comp=Z,22nm,0.9s	57.12	69	eP	P	08 52 06.8	-0.4
WCI	Wyandotte Cave	57.12	69	eP	P	08 52 06.8	-0.4
835A	Beeville	57.14	85	P	P	08 52 08.0	+0.6
934A	Benavides	57.21	86	P	P	08 52 10.0	+2.0
PLVO	Plevna	57.53	57	eP	P	08 52 10.0	+0.1
ZAAO	Zalesovo Array	57.59	318	eP	P	08 52 09.2	-1.1
ZALV	Zalesovo Beam	57.59	318	P	P	08 52 08.9	-1.3
ZALV	comp=Z,8.5nm,0.5s,baz=37,slow=6.8,SNR=20	57.59	318	P	P	08 52 08.9	-1.3
ZALV	comp=Z,14nm,0.8s,baz=37,slow=6.0,SNR=8.6	57.59	318	P	P	08 52 08.9	-1.3
NVS	Novosibirsk	57.60	319	eP	P	09 09 29.8	-0.5
NVS	comp=N,13nm,0.6s	57.60	319	eP	P	09 09 29.8	-0.5
NVS	comp=E,14nm,0.6s	57.60	319	eP	P	09 09 29.8	-0.5
ACSO	Alum Creek Sta	57.63	65	eP	P	08 52 09.8	-0.9
WWT	Waverly	57.67	71	eP	P	08 52 10.3	-0.8
WWT	comp=Z,17nm,1.0s	57.67	71	eP	P	08 52 10.3	-0.8
WWT	Waverly	57.67	71	eP	P	08 52 10.3	-0.8
OXF	Oxford	57.86	74	eP	P	08 52 12.5	+0.1
OXF	comp=Z,49nm,0.9s	57.86	74	eP	P	08 52 12.5	+0.1
KEV	Kevo	57.87	353	eP	P	08 52 11.2	-0.8
KEV	Kevo	57.87	353	eP	P	08 52 11.7	-0.3
KEV	comp=Z,38nm,0.9s	57.87	353	eP	P	08 52 11.7	-0.3
ARAO	ARCESS Array A	58.19	354	eP	P	08 52 13.1	-1.2
ARCES	ARCESS Array B	58.19	354	P	P	08 52 12.9	-1.3
ARCES	ARCESS Array B	58.19	354	P	P	08 52 13.0	-1.3
AREO	ARECESS Array S	58.19	354	eP	IAMB	08 52 13.1	-1.2
AREO	ARECESS Array S	58.19	354	eP	IAMB	08 52 14.4	
ALLY	Alegheny Colle	58.22	62	eP	P	08 52 13.7	-1.2
ZAIG	Zacatecas	58.24	93	eP	P	08 52 18.9	+3.3
WHN	Wuhan	58.34	280	P	P	08 52 15.5	-0.3
WHN	comp=Z,210nm,0.9s	58.34	280	P	P	08 52 15.5	-0.3
WHN	comp=Z,4um,21.1s	58.34	280	P	P	08 52 15.5	-0.3
WHN	comp=Z,6um,27.2s	58.34	280	P	P	08 52 15.5	-0.3
TRO	Tromso	58.43	357	eP	IAMB	08 52 15.1	-0.8
TRO	Tromso	58.43	357	eP	IAMB	08 52 16.4	
VBMS	Vicksburg	58.81	77	eP	P	08 52 19.3	+0.2
KTK1	Kautokeino	58.85	355	eP	P	08 52 18.3	-0.5
PTN	Potsdam (NY)	58.93	56	eP	P	08 52 18.8	-1.0
PTN	comp=Z,25nm,0.9s	58.93	56	eP	P	08 52 18.8	-1.0
PTN	Potsdam (NY)	58.93	56	eP	P	08 52 18.8	-1.0
LVZ	Lovozero	58.98	350	eP	P	08 52 19.5	-0.3
LVZ	comp=Z,82nm,0.9s	58.98	350	eP	P	08 52 19.5	-0.3
LVZ	Lovozero	58.98	350	eP	P	08 52 19.5	-0.3
KIF	Kilpisjarvi	58.98	356	eP	P	08 52 18.4	-1.3
LONY	Lake Ozonia	59.10	56	eP	P	08 52 19.9	-1.1
XAN	Xi'an	59.13	287	P	P	08 52 21.0	-0.3
XAN	comp=Z,12nm,0.8s	59.13	287	P	P	08 52 21.5	+1.8
XAN	comp=Z,12nm,0.8s	59.13	287	P	P	08 52 36.8	+3.8
SSLB	Suurling	59.16	270	eP	P	08 52 21.0	-0.6
LMQ	La Malbaie	59.16	51	eP	P	08 52 20.7	-0.6
HEF	Hetta	59.42	354	eP	P	08 52 22.1	-0.7
APA	Apatity	59.43	350	eP	P	08 52 26.2	+3.3
MCWV	Mont Chateau	59.77	63	eP	P	08 52 24.6	-1.0
BINY	Binghamton	60.07	59	eP	P	08 52 27.4	-0.3
CPCT	Cooper Cave	60.07	70	eP	P	08 52 27.0	-0.8
SSPA	Standing Stone	60.15	61	eP	P	08 52 27.1	-1.2
STEI	Steigen	60.25	358	eP	IAMB	08 52 27.4	-1.0
STEI	Steigen	60.25	358	eP	IAMB	08 52 29.2	
MDV	Middlebury	60.26	56	eP	P	08 52 28.5	-0.4
ACCN	Adirondack Com	60.44	56	eP	P	08 52 30.1	0.0
GTA	Gaotai	60.56	297	P	P	08 52 30.5	-0.7
GTA	Gaotai	60.56	297	P	P	08 52 42.8	0.0
GTA	Gaotai	60.56	297	P	P	08 53 14.0	-1.5
GTA	Gaotai	60.56	297	P	P	09 00 41.0	-4.3
GTA	Gaotai	60.56	297	P	P	09 00 58.5	-0.7
GTA	Gaotai	60.56	297	P	P	09 04 41.0	-2.0
GTA	comp=Z,9.0nm,1.0s	60.56	297	P	P	09 04 41.0	-2.0
GTA	comp=Z,270nm,6.9s	60.56	297	P	P	09 04 41.0	-2.0
GTA	comp=Z,1um,20.0s	60.56	297	P	P	09 04 41.0	-2.0
GTA	comp=Z,2um,18.5s	60.56	297	P	P	09 04 41.0	-2.0
LZH	Lanzhou	60.64	292	eP	P	08 52 33.0	+1.1
LZH	Lanzhou	60.64	292	eP	P	08 52 43.0	+2.7
LZH	Lanzhou	60.64	292	eP	P	08 54 46.5	+1.2
LZH	Lanzhou	60.64	292	eP	P	09 00 43.3	-3.2
LZH	Lanzhou	60.64	292	eP	P	09 00 58.9	-1.6
LZH	Lanzhou	60.64	292	eP	P	09 04 43.8	-0.8
LZH	comp=Z,34nm,1.0s	60.64	292	eP	P	09 04 43.8	-0.8
LZH	comp=Z,200nm,4.9s	60.64	292	eP	P	09 04 43.8	-0.8
LZH	comp=Z,3um,14.9s	60.64	292	eP	P	09 04 43.8	-0.8
LZH	comp=Z,2um,14.6s	60.64	292	eP	P	09 04 43.8	-0.8
LZH	comp=Z,3um,18.2s	60.64	292	eP	P	09 04 43.8	-0.8
LBNH	Lisbon	60.72	55	eP	P	08 52 31.7	-0.4
LBNH	comp=Z,84nm,2.1s	60.72	55	eP	P	08 52 31.7	-0.4

LBNH	Lisbon	60.72	55	eP	P	08 52 31.7	-0.4
TRY	Troy	60.91	57	eP	P	08 52 33.0	-0.3
BLA	Blacksburg	61.17	66	eP	P	08 52 34.7	-0.6
BLA	Blacksburg	61.17	66	eP	P	08 52 34.7	-0.6
MOIF	Moldavia	61.40	94	eP	P	08 52 37.8	+0.5
MOIF	Franklin Falls	61.41	55	eP	P	08 52 36.8	-0.5
MVL	Millersville	61.43	61	eP	P	08 52 36.6	-0.3
ENH	Enshi	61.47	283	eP	P	08 52 37.3	-0.1
LUPA	Lehigh University	61.53	60	eP	P	08 52 37.7	+0.1
SDMD	Soldier's Deli	61.59	62	eP	P	08 52 37.7	-0.3
ODNJ	Ogdensburg	61.59	59	eP	P	08 52 38.3	+0.3
FLOS	Flostrand	61.88	359	eP	IAMB	08 52 39.4	-0.1
FLOS	comp=Z,45nm,0.7s	61.88	359	eP	IAMB	08 52 39.8	
STOK	Stokkvaagen	61.89	359	eP	P	08 52 39.9	+0.3
BRNJ	Basking Ridge	61.90	59	eP	P	08 52 39.8	-0.3
PAL	Palisades	62.01	59	eP	P	08 52 41.3	+0.5
PAL	Palisades	62.01	59	eP	P	08 52 41.3	+0.5
PAL	Palisades	62.01	59	eP	P	08 52 41.3	+0.5
TMCR	Tamitsa	62.12	347	eP	P	08 52 40.6	-0.6
TMCR	comp=Z,23nm,0.9s	62.12	347	eP	P	08 52 40.6	-0.6
KMSC	Kings Mountain	62.12	68	eP	P	08 52 40.8	-0.8
KMSC	Kings Mountain	62.12	68	eP	P	08 52 40.7	-1.0
GOGA	Godfrey	62.13	71	eP	P	08 52 41.6	-0.1
GOGA	comp=Z,227nm,2.7s	62.13	71	eP	P	08 52 41.6	-0.1
GOGA	Godfrey	62.13	71	eP	P	08 52 41.6	-0.1
WES	Weston	62.36	56	eP	P	08 52 42.7	-0.4
WES	Weston	62.36	56	eP	P	08 52 42.7	-0.4
WES	Weston	62.36	56	eP	P	08 52 42.7	-0.4
KURK	Kurchatov	62.55	318	P	P	08 52 44.6	+0.3
KURK	Kurchatov	62.55	318	P	P	08 52 44.6	+0.3
BRJV	Bryant College	62.59	56	eP	P	08 52 44.7	0.0
EMMW	East Machias	62.59	52	eP	P	08 52 44.2	-0.4
KURBB	Kurchatov Arra	62.65	318	P	P	08 52 44.6	-0.4
JSC	Jenkinsville	62.78	69	eP	P	08 52 46.4	+0.3
JSC	Jenkinsville	62.78	69	eP	P	08 52 46.4	+0.3
JSC	Jenkinsville	62.78	69	eP	P	08 52 46.4	+0.3
WMQ	Urumqi	63.66	308	P	P	08 52 51.8	-0.1
WMQ	comp=Z,21nm,1.0s	63.66	308	P	P	08 52 51.8	-0.1
WMQ	comp=Z,730nm,5.3s	63.66	308	P	P	08 52 51.8	-0.1
WMQ	comp=Z,2um,22.0s	63.66	308	P	P	08 52 51.8	-0.1
WMQ	comp=Z,780nm,22.0s	63.66	308	P	P	08 52 51.8	-0.1
DRLN	Deer Lake	63.67	43	eP	P	08 52 52.1	+0.4
NSS	Namsos	63.71	359	eP	IAMB	08 52 50.5	-1.2
NSS	Namsos	63.71	359	eP	IAMB	08 52 53.0	
BVAR	Borovoye Array	63.90	324	P	P	08 52 52.8	-0.4
BRVK	Borovoye	63.91	325	eP	P	08 52 53.1	-0.2
BRVK	Borovoye	63.91	325	eP	P	08 52 53.1	-0.2
BRVK	Borovoye	63.91	325	eP	P	08 52 52.4	-0.9
BRVK	Borovoye	63.91	325	eP	P	08 52 52.5	-0.7
SVE	Sverdlovsk	63.91	325	eP	P	08 52 52.8	-0.4
SVE	Sverdlovsk	63.91	325	eP	P	08 52 52.8	-0.4
MKAR	M						

30d 8h

2010 NOV

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO Chiang Mai, AKASG Malin Array Be, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GOPC GO Pecny, Ondr, MORC Moravsky Berou, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI Vricioaia, PLO Plostina, ONI Oni, and many others.

30d 11h

Table with columns for station name, coordinates, and other data. Includes stations like SONGMA Songoing Array, ZAK Zakamensk, LPJG La Paz, etc.

2010 NOV

Table with columns for station name, coordinates, and other data. Includes stations like FINES FINESS Array B, NOA NORSAR Subarra, KMI Kunming, etc.

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Table with columns for station name, coordinates, and other data. Includes stations like OKFG Makushin Julie, MSOM Makushin Julie, MSOM Makushin Julie, etc.

NEIC 30 11:05:49.6, 32°20'N, 115°25'W, h3km, ML3.2(PAS), ML3.2(ECX), After ECX.

ECX 30 10:59:44.0, 5.32°18'N, 115°22'W, h10km, MD3.0, ML3.2, 4C-8D, California-Baja California border region.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mexicali, Cerro Prieto, Rancho Dawlum, etc.

ADC 30 11:00:18.1 ± 1.8, 35°27'N, 74°09'W, h0km, mb3.7/2, mb1.3/8.5, mb1mx3.6/26, mbtmp3.6/5, ML3.2, MS3.6/1, Ms1.3/6.1, ms1mx2.6/23, Error ellipse: s-maj=45.1km

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Coronel Fontan, Paso Flores, Limon Verde, etc.

ADC 30 11:05:34.9 ± 1.5, 52°16'N, 169°45'W, h0km, mb3.8/14, mb1.3/9.16, mb1mx3.8/62, mbtmp3.8/16, ML3.6/2, Error ellipse: s-maj=29.7km s-min=16.3km az=174.0

NEIC 30 11:05:38.4, 51°96'N, 169°22'W, h29km, ML3.4(AEIC), After AEIC.

ISCJB 30 11:05:39.0 ± 0.9, 52°03'N, 0°09'169°34'W, h0.08, h49km, g6km, mb3.8/14, Error ellipse: s-maj=16.4km s-min=4.8km az=152.4

ISC 30 11:05:40.8 ± 1.7, 52°12'N, 0°11'169°30'W, h0.06, h44km, m14km, n4.3, r16/47, mb3.8/14, Fox Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nikolski High, Okmok South, Okmok Mt. Tuli, etc.

ADC 30 10:48:42.1 ± 1.9, 52°54'N, 169°15'W, h0km, mb3.4/4, mb1.3/9.5, mb1mx3.5/42, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=50.5km s-min=25.8km az=2.0

ISCJB 30 10:48:43.0 ± 0.7, 52°00'N, 0°07'169°32'W, h0.08, h30km, mb3.4/4, Error ellipse: s-maj=12.2km s-min=3.6km az=150.6

NEIC 30 10:48:43.9, 52°03'N, 169°29'W, h36km, ML3.3(AEIC), After AEIC.

ISC 30 10:48:45.3 ± 1.0, 52°11'N, 0°11'169°32'W, h0.06, h30km, n27, c0599/33, mb3.4/4, Fox Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nikolski High, Okmok South, Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONMG Sogingo Array, TXAR Lajitas Array, ARCES ARCES Array B, etc.

ISCJB 30 11:05:48.2,0.0, 11.866N,0.08:43.94E,0.07,h4km, mb3.9/12,MS3.5/4, Error ellipse: s-maj=13.6km s-min=7.0km az=138.0

IDC 30 11:05:49.1,1.4, 11.85N,43.88E,h0km,mb3.9/8, mb1.4/0.8,mb1mx3.749,mbtmp3.9/8,MS3.5/5,Ms1.3/5.5, ms1mx3.0/3.8, Error ellipse: s-maj=40.9km s-min=14.6km az=157.0

NEIC 30 11:05:50.8,0.6, 11.92N,43.84E,h10km,mb4.0/3, Error ellipse: s-maj=18.3km s-min=10.5km az=140.0

CSEM 30 11:05:50.8, 11.92N,43.84E,h10km,mb4.0/3, After NEIC ISC 30 11:05:50.0,0.8, 11.90N,0.09:43.90E,0.09,h3km,n24, a=952Z,mb4.0/12,MS3.6/4, Ethiopia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, KMBD Kilima Mbogo, etc.

IDC 30 11:16:06.9,42.0, 4.48N,59.70E,h0km,mb4.1/3, mb1.4/4.3,mb1mx3.6/44,mbtmp4.1/3,MS3.1/2,Ms1.3/3.2, ms1mx2.7/3.7, Error ellipse: s-maj=1287.0km s-min=47.7km az=82.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, etc.

IDC 30 11:26:46.6,1.1, 34.06S,73.38W,h0km,mb3.8/5, mb1.3/9.7,mb1mx3.8/25,mbtmp3.8/7,ML4.1/2, Error ellipse: s-maj=34.1km s-min=22.3km az=91.0

ISCJB 30 11:26:49.4,0.7, 34.06S,0.05:73.32W,0.06,h33km, mb3.8/5, Error ellipse: s-maj=7.2km s-min=6.6km az=165.3

GUC 30 11:26:49.4,0.6, 34.05S,73.28W,h28km,3km,ML3.5 ISC 30 11:26:52.0,1.0, 34.12S,0.07:73.23W,0.09,h35km,n23, a=1504/30,mb3.7/5, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHPI Pichilemu, LNV Longovilio, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ACLC CERRRO LA CRUZ, LPAZ La Paz, etc.

MEX 30 11:36:15.2,0.5, 16.21N,98.72W,h15km,MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tlapa, etc.

ISCJB 30 11:40:08.6,0.9, 36.34N,0.04:37.05E,0.05,h0km, Error ellipse: s-maj=7.3km s-min=4.6km az=144.1

DDA 30 11:40:08.4, 36.33N,37.01E,h7km,MD2.9 CSEM 30 11:40:08.4, 36.33N,37.01E,h7km,MD2.9, Mining explosion. After DDA

ISC 30 11:40:08.2,1.1, 36.32N,0.05:37.08E,0.04,h0km,n10, a=657/18, Jordan - Syria region

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

GUC 30 11:50:32.9,0.5, 34.73S,71.78W,h46km,2km,ML3.5,1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHPI Pichilemu, NICh Los Niches, etc.

IDC 30 11:56:02.4,0.9, 52.12N,169.30W,h0km,mb3.8/15, mb1.4/0.7,mb1mx3.8/55,mbtmp3.8/17,ML3.6/2, Error ellipse: s-maj=24.8km s-min=15.7km az=170.0

NEIC 30 11:56:06.8, 52.02N,169.26W,h34km,ML3.5(AEIC), After AEIC

ISCJB 30 11:56:07.4,0.9, 52.07N,0.09:169.33W,0.09,h52km,6km, mb3.8/16, Error ellipse: s-maj=17.1km s-min=4.9km az=153.2

ISC 30 11:56:08.8,1.8, 52.11N,0.1:169.30W,0.07,h47km,15km, n46, a=1501/46,mb3.9/16, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, etc.

ISCJB 30 12:02:08.6,0.5, 22.69N,0.03:122.85E,0.02,h20km, Error ellipse: s-maj=4.5km s-min=2.5km az=146.9

JMA 30 12:02:09.2,0.3, 22.67N,122.89E,h49km,ML2.8 TAP 30 12:02:10.7, 22.64N,122.81E,h29km,2km,ML3.3, D ISC 30 12:02:07.5,1.2, 22.61N,0.05:122.92E,0.04,h20km,n43, a=1518/22, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LAY Lan-yu, CHKT Chengkung, etc.

30d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YLE Yale, ODNJ Ogdensburg, TRY Troy, etc.

IDC 30 16:01:39.6:1.4,28.03N:52.47E,h0km,mb3.8/6, mb1.3/7,mb1mx3.5/38,mbtmp3.7/7,ML3.3/1,MS2.8/2, Ms1.2/8,ms1mx2.4/37,Error ellipse: s-maj=39.5km s-min=24.3km az=156.0

ISCJB 30 16:01:40.2:1.1,28.1N:0.2:52.4E:0.2:h15km,mb3.8/6, MS3.2/1,Error ellipse: s-maj=27.4km s-min=18.5km az=166.0

ISC 30 16:01:42.1:2.1,28.1N:0.2:52.4E:0.2,h15km,n9,c094/7, mb3.8/6,Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEYT Alibeck, BRTR Keskin Array B, MKAR Makanchi Array, etc.

IDC 30 16:20:10.1:3.9,27.82N:86.02E,h0km,mb3.5/2, mb1.3/7,mb1mx3.3/30,mbtmp3.5/4,ML3.8/2,Error ellipse: s-maj=186.7km s-min=33.1km az=65.0,Nepal

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, WRA Warramunga Arr, etc.

KMA 30 16:22:46.5,38.12N:128.80E,h10km, North Korea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSJMJ Jumunjin, KSSK Sokcho, SEHB SEOHWA, etc.

ISCJB 30 16:35:23.0:2.0,18.34S:0.07:175.50W:0.07,h238km, mb4.2/18,Error ellipse: s-maj=10.7km s-min=8.7km az=150.8

NEIC 30 16:35:23.4:1.0,18.35S:175.43W,h227km,10km,mb4.7/6, Error ellipse: s-maj=12.1km s-min=8.3km az=131.0

IDC 30 16:35:23.3:2.0,18.38S:175.43W,h229km,19km, mb3.9/14,mb1.4/16,mb1mx3.7/16,mbtmp4.5/16,Error ellipse: s-maj=17.1km s-min=12.6km az=130.0

BUI 30 16:35:24.9,17.72S:174.35W,h296km,mb4.5/8,mb4.7/6 AUST 30 16:35:25.6:2.6,18.32S:175.24W,h260km,Error ellipse: s-maj=2.5km s-min=1.6km az=31.0

ISC 30 16:35:23.7:0.5,18.27S:0.08:175.35W:0.08,h238km, n52,c1948/55,mb4.2/18,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, AFM Afiamalu, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEN Coen, STKA Stephens Creek, BBOO Bucklebo, WRAB Tennant Creek, WRA Warramunga Arr, etc.

DDA 30 16:38:38.8,36.13N:35.87E,h9km,Md3.1 NSSC 30 16:38:38.4:1.2,36.12N:35.86E,h8km,4km,ML2.3

ISCJB 30 16:38:39.5:0.5,36.09N:0.02:35.92E:0.03,h10km,3km, Error ellipse: s-maj=4.4km s-min=2.9km az=170.3

CSEM 30 16:38:39.5:0.1,36.08N:35.94E,h10km,Md3.1,Error ellipse: s-maj=3.2km s-min=2.1km az=70.0

ISK 30 16:38:40.2,36.15N:35.99E,h10km,Md2.8

ISC 30 16:38:39.5:0.8,36.09N:0.02:35.93E:0.02,h15km,6km, n51,c0950/87,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YAYL Yayladag, ARNB Ar nab, TAHT Tahtakopru-Hat, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUZU Kuzuni, KUZU Kuzuni, KAMA Kuzuni, etc.

CSEM 30 17:09:40.3,39.71N:24.22E,h30km,MD2.7,After ATH

ATH 30 17:09:40.3,39.71N:24.22E,h30km,1km,MD2.7/7, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAIG Paliouri, PAIG Paliouri, AOS Alonnisos, etc.

ISCJB 30 17:10:50.8:0.5,45.42N:0.02:24.30E:0.02,h0km,4km, Error ellipse: s-maj=3.5km s-min=2.5km az=5.0

BUC 30 17:10:50.8:0.4,45.44N:24.33E,h5km,4km,MD2.9/6, Error ellipse: s-maj=4.4km s-min=2.9km az=12.0

CSEM 30 17:10:51.3:0.1,45.44N:24.30E,h2km,ML2.0,Error ellipse: s-maj=2.9km s-min=2.1km az=179.0

BEO 30 17:10:51.6:0.9,45.43N:24.30E,h10km,5km,ML2.0/5

ISC 30 17:10:51.4:1.0,45.43N:0.02:24.31E:0.01,h5km,6km, n82,c0958/129,26C-36Z,Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARR Arges, ARR Arges, ARR Arges, etc.

Table with columns: SRE, Strehaia, 1.10 226, Pn, 17 11 23.3, -0.1, APE, eSg, Sg, 17 33 23.5, +0.5, SIVA, Sivas, 3.08 213, ePN, Pn, 17 33 34.6, -1.1

Table with columns: APE, eSg, Sg, 17 33 23.5, +0.5, SIVA, Sivas, 3.08 213, ePN, Pn, 17 33 34.6, -1.1

Table with columns: SIVA, Sivas, 3.08 213, ePN, Pn, 17 33 34.6, -1.1

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res

Code Station Name Δ° AZ' Phase ID Time Res

STKA Stephens Creek 41.07 240 Op ISC h m s ISC

WRA Warrungarra Arr 46.73 258 P P 17 56 08.9 -0.5

ASAR Alice Springs 47.01 252 P P 17 56 11.2 -0.3

NIED 30 17:54:00, 48:80N:155:70E, h30km, Mw5.7 Best double couple: M0:4.67000x1017 NP1:0.1600000, δ45.00000°, 1.50.000000...

SKHL 30 17:54:47.6, 0.3, 48:73N:155:49E, h2km, 3km, mb6.2/4, mb5.9/3, MS5.3/6, msh6.3/5

SKHL Felt (II-III) at Severo-Kuril'sk (220 km), NEIC 30 17:54:47.6, 0.1, 48:92N:154:92E, h35km, mb5.4/225, MS5.2/149, MW5.6, Error ellipse: s-maj=3.8km

SKHL Felt (II-III) at Severo-Kuril'sk, MOS 30 17:54:47.5, 1.1, 48:84N:155:02E, h55km, mb5.4/86, MS5.2/68 Error ellipse: s-maj=6.1km s-min=3.3km

SKHL Felt (II-III) at Severo-Kuril'sk, ISCBJ 30 17:54:47.6, 0.3, 48:83N:155:13E, h53km, 2km, mb5.4/266, MS5.2/215, Error ellipse: s-maj=3.1km s-min=1.5km az=150.0

BGR 30 17:55:00.6, 50:98N:152:88E, h33km, mb5.3, Ms5.5, ISC 30 17:55:00.6, 50:98N:152:88E, h40km, 1km, h40km, pp-P, n1514, s1s291519, mb5.4/370, MS5.2/215, 84C-47D, Kuril Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res

Table with columns for station call letters, frequency, and other technical details. Includes stations like YAK, JHU, JHJ, CLNS, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KSNAB, KSJUE, KSKWJ, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like SONM, SONM, SONM, etc.

30d 17h

O20A	White River Ci	65.00	57	P	P	18 05 24.2 +0.3
O20A	White River Ci	65.00	57	eP	P	18 05 23.9 0.0
C31A	Landing Farms, baz=65	65.02	45	P	P	18 05 23.8 +0.2
D30A	Buchanan	65.03	46	P	P	18 05 23.7 0.0
J25A	Sunshine Ranch	65.13	52	P	P	18 05 24.6 +0.1
H27A	Howes	65.15	50	P	P	18 05 24.8 +0.2
B32A	Ashes, Strandq	65.15	44	P	P	18 05 24.4 0.0
MONP	Monument Peak	65.17	68	P	P	18 05 24.8 -0.2
I26A	New Underwood	65.17	51	P	P	18 05 25.2 +0.4
BC3	Big Chuckwall	65.23	67	P	P	18 05 25.6 +0.3
VRH	Novokhopyporsk	65.27 321	eP	P	P	18 05 23.4 -1.8
VRH	comp=N,10.0nm,0.7s			pmax	pmax	
VRH	comp=Z,30nm,0.7s			pmax	pmax	
VRH	comp=E,10.0nm,0.6s			MLR	MLR	
VRH	comp=Z,2um,19.0s			MLR	MLR	
VRH	comp=N,1um,20.0s			MLR	MLR	
VRH	comp=E,2um,24.0s			MLR	MLR	
A33A	Warroad	65.28	43	P	P	18 05 25.1 -0.1
LPSR	Galich'ya Gora	65.37 323	eP	P	P	18 05 24.0 -1.7
LPSR	comp=N,8.0nm,0.9s			pmax	pmax	
LPSR	comp=E,7.0nm,0.9s			pmax	pmax	
LPSR	comp=Z,50nm,0.9s			MLR	MLR	
LPSR	comp=N,1um,23.0s			MLR	MLR	
LPSR	comp=E,3um,23.0s			MLR	MLR	
LPSR	comp=Z,1um,23.0s			MLR	MLR	
E30A	Jud	65.39	47	P	P	18 05 26.1 0.0
LHMI	Lhok Sumawe	65.44 248	eP	P	P	18 05 30.9 +4.1
IBP	Imperial Bould	65.53	68	P	P	18 05 27.5 +0.3
AGMN	Agassiz Nation	65.53	44	P	P	18 05 26.0 -0.9
AGMN	Agassiz Nation	65.53	44	eP	P	18 05 22.7 -4.2
AGMN	comp=Z,44nm,1.0s			LR	LR	
I27A	Quinn	65.56	51	P	P	18 05 27.3 +0.1
J26A	Sides Ranch, S	65.56	52	P	P	18 05 27.1 -0.2
PDMCI	Parker Dam,Lak	65.59	65	P	P	18 05 28.2 +0.7
H28A	Mission Ridge	65.65	49	P	P	18 05 27.6 -0.2
PHWY	Pilot Hill	65.71	55	eP	P	18 05 30.2 +1.6
N23A	Red Feather La	65.73	55	P	P	18 05 28.7 +0.1
N23A	Red Feather La	65.73	55	eP	P	18 05 29.6 +0.9
Y12C	Blythe	65.73	66	P	P	18 05 28.7 +0.3
PV04	Paradox Valley	65.83	59	eP	P	18 05 29.5 +0.3
B34A	Aery, Baudette	65.94	43	P	P	18 05 28.8 -0.7
C33A	Trail	65.96	44	P	P	18 05 29.2 -0.5
GLA	Glamis	66.03	67	eP	P	18 05 27.7 -2.7
GLA	Glamis	66.03	67	eP	P	18 05 27.7 -2.7
GLA	Glamis	66.03	67	eP	P	18 05 27.7 -2.7
I28A	Midland	66.06	50	P	P	18 05 30.3 -0.1
H29A	Onida	66.09	49	P	P	18 05 30.5 -0.1
PSI	Prapat	66.15 245	eP	P	P	18 05 32.1 +0.6
PSI	Prapat	66.15 245	eP	P	P	18 05 32.1 +0.6
PSI	Prapat	66.15 245	eP	P	P	18 05 32.1 +0.6
PV01	Paradox Valley	66.20 59	eP	P	P	18 05 33.0 +1.4
VSR	Storozhevoje	66.32 322	eP	P	P	18 05 31.0 -0.9
VSR	comp=Z,20nm,0.6s			pmax	pmax	
VSR	comp=N,30nm,0.8s			pmax	pmax	
VSR	comp=E,20nm,0.9s			pmax	pmax	
VSR	comp=E,2um,22.0s			MLR	MLR	
VSR	comp=Z,2um,22.0s			MLR	MLR	
VSR	comp=N,1um,23.0s			MLR	MLR	
VSR	comp=N,21nm,1.0s			MLR	MLR	
WUAZ	Wupatki	66.39	63	P	P	18 05 33.2 +0.3
WUAZ	Wupatki	66.39	63	eP	P	18 05 33.2 +0.3
WUAZ	comp=N,25nm,1.2s			LR	LR	
J28A	Allard Ranch	66.43	51	P	P	18 05 33.2 +0.3
C34A	RKJ Ranch, Bem	66.44	44	P	P	18 05 32.0 -0.7
VORD	Divnogorie	66.46 322	eP	P	P	18 05 31.5 -1.3
VORD	comp=Z,20nm,0.9s			pmax	pmax	
VORD	comp=N,20nm,0.6s			pmax	pmax	
VORD	comp=E,20nm,0.8s			pmax	pmax	
VORD	comp=N,770nm,21.0s			MLR	MLR	
VORD	comp=Z,2um,21.0s			MLR	MLR	
VORD	comp=E,2um,18.0s			MLR	MLR	
I29A	Vivian Onida	66.48	50	P	P	18 05 32.6 -0.5
SRBI	Singaraia	66.56 224	P	P	P	18 05 34.2 +0.4
IMYA	Miami	66.65 299	eP	P	P	18 05 34.7 +0.2
GEYT	Alibeck	66.68 301	P	P	P	18 05 34.4 -0.1
GEYT	comp=E,5.4nm,0.7s,baz=29,slow=3.4,SNR=11			LR	LR	18 37 13.1
ISCO	Idaho Springs	66.68	56	eP	P	18 05 35.9 +1.1
ISCO	comp=Z,21nm,1.0s			pmax	pmax	
ISCO	comp=Z,1um,22.0s			MLR	MLR	
ISCO	Idaho Springs	66.68	56	P	P	18 05 35.2 +0.4
ISCO	Idaho Springs	66.68	56	eP	P	18 05 35.9 +1.1
ISCO	comp=Z,21nm,1.0s			LR	LR	
ISCO	comp=Z,1um,22.0s			LR	LR	
NB2	NORSAR Subarra	66.70 342	P	P	P	18 05 32.7 -1.6
NB2	NORSAR Subarra	66.70 342	P	P	P	18 05 32.7 -1.6
NOA	NORSAR Array B	66.70 342	P	P	P	18 05 33.0 -1.3
NOA	comp=Z,10nm,0.6s,baz=26,slow=6.4,SNR=38			LR	LR	18 38 53.7
NOA	comp=Z,2um,20.7s,baz=30,slow=40			LR	LR	
NOA	NORSAR Array B	66.70 342	P	P	P	18 05 33.0 -1.3
D34A	Park Rapids	66.72	44	P	P	18 05 34.5 -0.1
IEMG	Emangholi	66.73 301	eP	P	P	18 05 33.9 -1.3
BORG	Borgarnes	66.76 358	P	P	P	18 05 35.3 +0.8
BORG	comp=Z,69nm,0.9s,baz=15,slow=4.6,SNR=8.2					

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BORG	Borgarnes	66.76 358	eP	P	P	18 05 37.2 +2.8
BORG	Borgarnes	66.76 358	eP	P	P	18 05 37.2 +2.8
BORG	Borgarnes	66.76 358	eP	P	P	18 05 37.2 +2.8
NB002	NORSAR Array S	66.77 342	eP	P	P	18 05 35.2 +0.8
E33A	Westby DABS, E	66.77 45	P	P	P	18 05 34.1 -0.6
E33A	Westby DABS, E	66.77 45	P	P	P	18 05 34.7 -0.2
C35A	Jirik Farms, M	66.83 43	P	P	P	18 05 34.4 -0.9
MVCO	Mesa Verde	66.88 60	PFAKE	LR	LR	18 05 50.0 +1.4
MVCO	Mesa Verde	66.88 60	PFAKE	LR	LR	18 05 50.0 +1.4
BKNI	Bangkinang	66.89 242	eP	P	P	18 05 37.2 +1.3
J29A	Okreek	66.91 50	P	P	P	18 05 35.5 -0.4
G32A	Webster	66.97 47	P	P	P	18 05 35.7 -0.6
HFS	Hagfors	66.99 340	P	P	P	18 05 35.0 -1.0
HFS	comp=Z,13nm,0.4s,baz=51,slow=3.4,SNR=30			LR	LR	18 38 45.5
HFS	comp=Z,2um,19.5s,baz=23,slow=40					
I30A	Oacoma	66.99 49	P	P	P	18 05 36.2 -0.1
F33A	5 Mile Ranch,	67.12 46	P	P	P	18 05 37.1 0.0
ISHV	Shivan	67.19 301	eP	P	P	18 05 37.0 -0.9
D35A	Reme	67.25 44	P	P	P	18 05 37.3 -0.6
IMOG	Moghan	67.25 299	eP	P	P	18 05 38.7 +0.2
C36A	Pine Crest Far	67.30 43	P	P	P	18 05 37.8 -0.4
ISFR	Strayin	67.36 301	eP	P	P	18 05 32.1 -7.0
K29A	Lazy Trails An	67.38 51	P	P	P	18 05 39.2 +0.3
J30A	Dallas	67.39 50	P	P	P	18 05 39.1 +0.2
IZAR	Zarasai	67.39 332	eP	Iamb	Iamb	18 05 38.1 -0.5
IZAR	Zarasai	67.39 332	eP	Iamb	Iamb	18 05 40.5
S22A	4UR Ranch, Cre	67.45 58	P	P	P	18 05 40.2 +0.5
S22A	4UR Ranch, Cre	67.45 58	eP	P	P	18 05 41.2 +1.5
Q24A	Divide	67.52 56	P	P	P	18 05 39.9 -0.3
Q24A	Divide	67.52 56	eP	P	P	18 05 41.1 +1.0
G33A	Ortonville	67.53 47	P	P	P	18 05 39.7 0.0
H32A	Carlson Farm,	67.55 48	P	P	P	18 05 39.5 -0.4
ISAL	Salakas	67.58 331	eP	Iamb	Iamb	18 05 39.2 -0.6
ISAL	Salakas	67.58 331	eP	Iamb	Iamb	18 05 43.1
D36A	Goodland	67.58 43	P	P	P	18 05 39.9 -0.1
IDID	Didziasalis	67.60 331	eP	Iamb	Iamb	18 05 39.3 -0.6
IDID	Didziasalis	67.60 331	eP	Iamb	Iamb	18 05 41.9
C37A	Embarrass	67.61 42	P	P	P	18 05 40.1 -0.1
IIGN	Ignalina	67.73 331	eP	Iamb	Iamb	18 05 40.2 -0.6
IIGN	Ignalina	67.73 331	eP	Iamb	Iamb	18 05 42.8
EYMN	Ely	67.75 42	P	P	P	18 05 40.8 -0.3
EYMN	Ely	67.75 42	eP	P	P	18 05 40.5 -0.6
EYMN	Ely	67.75 42	eP	P	P	18 05 55.8
H33A	Prehn Over Nor	67.76 47	P	P	P	18 05 41.0 -0.2
J31A	Geddes	67.79 49	P	P	P	18 05 41.2 -0.2
OGNE	Ogallala	67.79 53	P	P	P	18 05 41.6 0.0
OGNE	Ogallala	67.79 53	eP	P	P	18 05 41.8 +0.2
OGNE	Ogallala	67.79 53	eP	LR	LR	18 05 41.7 +0.1
L29A	Maesing Ranch	67.80 51	P	P	P	18 05 41.7 +0.1
K30A	Basset	67.80 50	P	P	P	18 05 41.5 0.0
M28A	Bar X Bar Ranc	67.81 52	P	P	P	18 05 41.4 -0.3
MICGM	Minsk	67.90 330	eP	P	P	18 05 41.0 -0.8
MNK	Minsk	67.91 330	eP	MLR	MLR	18 05 41.0 -1.0
F35A	Swanville	67.92 45	P	P	P	18 05 41.5 -0.7
NACGM	Naroch	67.92 331	eP	P	P	18 05 38.0 -4.0
D37A	Cotton	67.93 43	P	P	P	18 05 41.4 -0.9
214A	Organ Pipe Nat	68.01 66	P	P	P	18 05 43.3 +0.2
214A	Organ Pipe Nat	68.01 66	eP	P	P	18 05 42.4 -0.6
C38A	Sawbill Land.	68.02 42	P	P	P	18 05 42.2 -0.7
E36A	McGregor	68.04 44	P	P	P	18 05 42.7 -0.2
PWJI	Pagerwojo	68.11 227	P	P	P	18 05 43.2 -0.4
GSI	Gunungsitoli	68.15 245	eP	P	P	18 05 46.2 +2.2
J32A	Parkston	68.17 49	P	P	P	18 05 43.1 -0.7
SDCO	Great Sand Dun	68.19 57	P	P	P	18 05 44.6 +0.3
SDCO	Great Sand Dun	68.19 57	eP	P	P	18 05 44.9 +0.5
SDCO	comp=Z,12nm,1.0s			LR	LR	
N28A	Pribbeno Ranch	68.23 53	P	P	P	18 05 44.5 +0.1
HYB	Hyderabad	68.26 272	I/P	P	P	18 05 43.5 -1.2
HYB	Hyderabad	68.26 272	I/P	P	P	18 05 43.5 -1.2
HYB	Hyderabad	68.26 272	I/P	P	P	18 05 43.5 -1.2
K31A	O'Neill	68.27 50	P	P	P	18 08 24.0 +8.5
K31A	O'Neill	68.27 50	eP	SS	SS	18 14 40.0 -

SCHQ	Schefferville	70.90	24	P	P	18 06 00.5 +0.1	V32A	Arapaho	73.21	55	P	P	18 06 14.0 -0.7	NIE	Niedzica	74.69	331	LMZ	LR	18 09 38.5
SCHQ	comp=Z,14nm,0.4s,baz=298,slow=6.4,SNR=13				LR	18 42 30.8	T34A	McClaskey Farm	73.23	53	P	P	18 06 13.8 -0.8	NIE	Niedzica	74.69	331	eP	MLR	18 06 22.8 -0.3
DGRG	David-gareji	70.90	312	eP	P	18 06 00.0 -0.7	Q37A	Longview Farm,	73.24	50	P	P	18 06 13.8 -0.9	X34A	Smith Ranch, 9s	74.71	55	P	P	18 06 23.7 +0.4
DGRG	David-gareji	70.90	312	eP	P	18 06 00.0 -0.7	VLDQ	Val d'Or	73.31	34	eP	P	18 06 13.3 -1.6	Y33A	Hilltop Ranch,	74.72	56	P	P	18 06 23.2 -0.2
T29A	Hugoton	70.93	55	P	P	18 06 00.0 -1.0	SIM	Simferopol'	73.34	321	eP	P	18 06 14.9 -0.3	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
TBLG	Delisi	71.00	312	eP	P	18 06 02.2 +0.9	SIM	Simferopol'	73.34	321	eP	P	18 06 14.9 -0.3	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
TBLG	Delisi	71.00	312	eP	P	18 06 02.3 +0.9	SIM	Simferopol'	73.34	321	eP	P	18 06 14.9 -0.3	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
S30A	Montezuma	71.03	54	P	P	18 06 00.7 -0.9	IMEH	Mehriz	73.37	299	eP	P	18 06 15.5 -0.4	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
Q32A	Meitler Ranch,	71.04	52	P	P	18 06 00.6 -1.0	BSEG	Bad Segeberg	73.40	339	eP	P	18 06 14.5 -0.8	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
R31A	Burdett	71.05	53	P	P	18 06 00.9 -0.8	R37A	Teagarden Farm	73.47	50	P	P	18 06 15.2 -0.9	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
L37A	Phoenix Point,	71.11	47	P	P	18 06 01.8 -0.1	U34A	Anderson Ranch	73.48	53	P	P	18 06 15.4 -0.8	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
O34A	Beatrice	71.11	50	P	P	18 06 01.2 -0.8	X31A	McDonald Ranch	73.51	56	P	P	18 06 15.6 -0.9	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
K38A	Parkersburg	71.19	46	P	P	18 06 01.4 -1.0	ISAD	Sadrabad	73.52	300	eP	P	18 06 16.3 -0.5	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
DZM	Mont Dzumac	71.28	169	eP	P	18 06 05.9 +2.9	S36A	Lake Cedric, C	73.53	51	P	P	18 06 15.5 -1.0	UZH	Uzhgorod	74.72	330	iP	P	18 06 23.2 0.0
DZM	comp=Z,135nm,1.1s				eS	18 15 24.2 +6.6	V33A	Lossen Ranch,	73.55	54	P	P	18 06 15.4 -1.1	U37A	Salina	74.78	52	P	P	18 06 23.0 -0.7
DZM	comp=Z,1um,29.4s	71.28	169	eLR	LR	18 27 47.4	W30A	Sentinel	73.55	55	P	P	18 06 16.1 -0.5	Z32A	Haskell	74.78	57	P	P	18 06 23.7 -0.6
DZM	Mont Dzumac	71.28	169	eP	P	18 06 05.4 +2.3	Y32A	Stafford Cattl	73.57	57	P	P	18 06 16.7 -0.1	TUL1	Tulsa	74.80	53	P	P	18 06 23.6 -0.2
DZM	comp=Z,63nm,1.1s				P	18 05 57.5 -6.1	IZEF	Zefreh	73.57	301	eP	P	18 06 16.4 -0.6	TUL1	Tulsa	74.80	53	eP	P	18 06 23.6 -0.2
IFIR	Firoozkooch	71.32	303	eP	P	18 06 03.1 -0.7	Z29A	Hungry Hill Ra	73.57	58	P	P	18 06 17.0 +0.1	W35A	Tecumseh	74.81	54	P	P	18 06 23.6 -0.3
Q33A	Connelly Farm,	71.41	52	P	P	18 06 04.1 -0.7	128A	Castleberry Fa	73.60	59	P	P	18 06 16.7 -0.3	V36A	Jenks	74.82	53	P	P	18 06 23.3 -0.6
U29A	Oasis Ranch, S	71.46	56	P	P	18 06 04.4 +0.1	T35A	Sooner Cattle	73.66	52	P	P	18 06 16.5 -0.7	IBZA	Bozab	74.87	305	eP	P	18 06 26.7 +2.1
L38A	Oak Wood Farm,	71.48	47	P	P	18 06 03.8 -0.4	IKLH	Kolardro	73.68	302	eP	P	18 06 17.2 -0.5	Z30A	Stirling City	74.92	59	P	P	18 06 24.7 -0.1
P34A	Walnut Farm, R	71.52	51	P	P	18 06 04.2 -0.3	KWPK	Kalwaria Pacla	73.72	330	eP	LMZ	18 37 06.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
CHVG	Ch'k'valeri	71.53	314	P	P	18 06 06.9 +2.4	KWPK	Kalwaria Pacla	73.72	330	eP	MLR	18 06 17.0 -0.4	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
SCIA	State Center	71.54	47	eP	P	18 06 04.0 -0.5	KWPK	Kalwaria Pacla	73.72	330	eP	MLR	18 06 17.0 -0.4	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
SCIA	comp=Z,74nm,0.7s				LR		KWPK	Kalwaria Pacla	73.72	330	eP	MLR	18 06 17.0 -0.4	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
S31A	Mullinville	71.57	54	P	P	18 06 04.9 +0.1	KIS	Kishinev	73.72	330	iP	P	18 06 17.7 +0.3	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
FITZ	Fitzroy Crossi	71.58	210	eP	P	18 06 04.9 +0.1	KIS	Kishinev	73.78	325	eP	LRM	18 04 08.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
U30A	WK&E Inc. Balk	71.74	55	P	P	18 06 05.9 0.0	KIS	Kishinev	73.78	325	eP	P	18 06 19.0 +1.3	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
IDMV	Demavand	71.77	303	eP	P	18 06 06.8 +0.5	KIS	Kishinev	73.78	325	eP	P	18 10 50.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
S32A	Newby Ranch, P	71.80	53	P	P	18 06 05.8 -0.3	KIS	Kishinev	73.78	325	eP	P	18 15 40.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
R33A	Olander Ranch,	71.85	52	P	P	18 06 05.8 -0.6	KIS	Kishinev	73.78	325	eP	MLR	18 15 40.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
T31A	Randall Ranch,	71.85	54	P	P	18 06 05.8 -0.7	KIS	Kishinev	73.78	325	eP	MLR	18 15 40.0	OKC	Ostrava-Krasne	74.99	333	eP	P	18 06 25.3 +0.6
AKH	Akhalkalaki	71.86	313	eP	P	18 06 06.0 -0.6	M1ML	Milisti Mts	73.85	325	iP	P	18 06 17.0 -1.1	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
AKH	Akhalkalaki	71.86	313	eP	P	18 06 06.0 -0.6	Y31A	Rekieto Farm,	73.86	57	P	P	18 06 17.8 -0.6	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
M38A	Pleasantville	71.92	47	P	P	18 06 06.3 -0.5	Z30A	Sanderson Ranc	73.88	58	P	P	18 06 18.4 -0.2	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
Q34A	Chapman	71.93	51	P	P	18 06 06.4 -0.5	T36A	Boggs Farm, Ca	73.88	52	P	P	18 06 17.3 -1.2	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
P35A	Duane Minner,	71.95	50	P	P	18 06 06.9 -0.2	S37A	Fort Scott	73.89	51	P	P	18 06 17.6 -1.0	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 06 05.5 -1.5	228A	UT Block 9, Go	73.91	60	P	P	18 06 18.8 -0.1	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 10 37.1	EIDS	Eidsvold	73.92	184	eP	P	18 06 20.1 +1.6	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec	75.02	334	eP	P	18 06 25.4 +0.1
SOC	Sochi	71.96	316	eP	P	18 15 18.7 -6.5	V34A	Guthrie	73.95	54	P	P	18 06 18.4 -0.5	UPC	Ujpec					

30d 17h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like IVIS, PVCC, PAVC, etc.

2010 NOV

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MSAB, SULR, MALT, etc.

1484

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PKSM, ARSA, SWN1, etc.

1485

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ISP Isparta, SRS Serrai, CPCT Cooper Cave, etc.

2010 NOV

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PYL PYLOS, IDI Anoyia, VAM VAMOS, etc.

30d 18h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LVC Limon Verde, ASCN Ascension, SYO Syowa Base, etc.

ISCJB 30 18:01:32.5:0.5,38.00N:0.04:27.32E:0.04,h9km,7km, Error ellipse: s-maj=6.9km s-min=4.8km az=16.9

DDA 30 18:01:32.8,37.98N:27.29E,h7km,Md2.1 CSEM 30 18:01:32.7:0.1,37.98N:27.32E,h10km,Md2.6,Error

ellipose: s-maj=3.1km s-min=2.2km az=87.0 ISK 30 18:01:32.9:1.1,37.99N:27.34E,h6km,Md2.6

ISC 30 18:01:32.9:1.1,37.99N:27.33E:0.03,h10km,17km, n20,c0540/28,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GCAM G?zelcemi?, DGB zmir, etc.

ISCJB 30 18:01:34.3:0.4,67.06N:0.02:20.86E:0.08,h0km,Error ellipse: s-maj=4.7km s-min=3.5km az=11.4

CSEM 30 18:01:35.3:0.2,67.07N:20.85E,h2km,ML 1.9,Error ellipse: s-maj=5.3km s-min=4.1km az=81.0,Minning

explosion UPP 30 18:01:35.1:0.1,67.06N:20.92E,h0km,ML 1.9,Explosion HEL 30 18:01:35.8:0.1,67.06N:20.91E,h0km,ML 1.6,

ML 1.9(UPP),Explosion IDC 30 18:01:35.9:1.2,67.00N:21.33E,h0km,mb1 2.9/3, mb1mx2.8/49,mbtmp2.7/3,ML2.0/2,Error ellipse:

s-maj=23.1km s-min=9.8km az=103.0 ISC 30 18:01:34.9:0.8,67.05N:0.02:20.90E:0.03,h0km,n56, c0586/73,Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MASU Masugnsbyn, MASU Masugnsbyn, MASU Masugnsbyn, etc.

Table with columns: AAK, ALA-Archa, 54.35 296 LR, 18 29 53.8, etc. Includes stations like AAK, ARU, KSH, TAPN, etc.

DDA 30 18:09:20.0, 36:14N:35:83E, h7km, Md2.7
ISCJB 30 18:09:21.9, 0.6, 36:07N:02:35:91E, h12km, 3km,
Error ellipse: s-maj=6.3km s-min=3.7km az=171.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YAYL, ARNB, ARNB, etc.

Table with columns: BIDA, ALBIDA, 1.12 165 eP, 18 10 02.8, etc. Includes stations like BIDA, KUZU, KAMA, etc.

MOS 30 18:12:08.8, 2.4, 48:82N:156:69E, h7km, mb4.4/1, Error
ellipse: s-maj=99.1km s-min=7.2km az=79.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, ASAK, etc.

MOS 30 18:19:03.0, 1.0, 49:29N:155:77E, h25km, mb4.3/1, Error
ellipse: s-maj=99.9km s-min=10.7km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, RUS, etc.

ISCJB 30 18:21:31.0, 0.3, 29:65N:0:03:141:21E, h35km,
mb4.2/30, Error ellipse: s-maj=8.6km s-min=3.5km
az=167.6

JMA 30 18:21:32.6, 29:61N:141:33E, h59km, mb4.3/20,
NEIC 30 18:21:33.6, 0.9, 29:62N:141:20E, h45km, 7km, mb4.5/13,
Error ellipse: s-maj=9.9km s-min=6.6km az=77.0

IDC 30 18:21:34.2, 2.6, 29:64N:141:22E, h46km, 23km, mb3.9/21,
mb1.4/0.24, mb1mx3.9/40, mbtmp4.1/24, ML3.4/3, Error
ellipse: s-maj=18.6km s-min=13.3km az=86.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJ, JHU, BSO, etc.

Table with columns: SSLB, SUANGLUNG, 18.97 257 eP, 18 25 54.0 +1.7, etc. Includes stations like NJ2, BJL, PEAO, etc.

MOS 30 18:25:49.1, 2.2, 48:87N:156:33E, h5km, mb4.4/1, Error
ellipse: s-maj=60.1km s-min=6.6km az=79.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, ASAK, etc.

ISCJB 30 18:25:49.1, 2.2, 48:87N:156:33E, h5km, mb4.4/3, Error
ellipse: s-maj=60.1km s-min=6.6km az=79.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, ASAK, etc.

SKHL 30 18:25:48.0, 3.0, 48:67N:155:49E, h27km, 5km, mb4.4/1, Error
ellipse: s-maj=10.1km s-min=6.6km az=79.5

SKHL 30 18:25:49.1, 2.2, 48:87N:156:33E, h5km, mb4.4/1, Error
ellipse: s-maj=60.1km s-min=6.6km az=79.5

ISCJB 30 18:25:49.1, 2.2, 48:87N:156:33E, h5km, mb4.4/3, Error
ellipse: s-maj=60.1km s-min=6.6km az=79.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, ASAK, etc.

30d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AVH Avacha, SMAR Somma, KOK Koryaka, etc.

NEIC 30 18:30:52.0, 16:11N:94:17W, h83km, MD4.2(MEX), After MEX

MEX 30 18:30:51.5, 0.3, 16:09N-94:15W, h92km, 7km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCIG 0.97 113 eP, TGIG 1.20 55 eP, HUIG Huatulco, etc.

ISCJB 30 18:40:36.2, 0.6, 48:57N:0:08:155:3E:0.2, h35km, mb3.5/6, Error ellipse: s-maj=18.0km s-min=3.8km az=37.7

SKHL 30 18:40:39.5, 0.7, 48:81N:155:58E, h15km, 5km, mb4.1/1, KRSC 30 18:40:39.2, 2.3, 48:84N:156:75E, h6km, 4.1km, ML4.3, MOS 30 18:40:39.1, 2.4, 48:84N:156:75E, h6km, mb4.4/1, Error ellipse: s-maj=52.3km s-min=6.4km az=82.2

IDC 30 18:40:43.2, 0.4, 48:30N:155:12E, h86km, 27km, mb3.3/6, mb1.8/8, mb1mx3.2/40, mbtmp3.6/8, Error ellipse: s-maj=33.2km s-min=18.2km az=133.0

ISC 30 18:40:37.4, 0.9, 48:56N:0:09:155:6E:0.1, h35km, n64, 0:174/57, mb3.5/6, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asacha, RUS Russkaya, APC Apacha, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PETK Petropavlovsk, UGLU Uglovaya, AVH Avacha, KOK Koryaka, SDRL Sedlovina, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JKK2 Kamakawa, JCH Churil, JNEK Urukawa-nobuka, JNB Noboribetsu, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, etc.

IDC 30 18:42:29.3, 1.9, 44:10N:82:31E, h0km, mb3.4/1, mb1.3/47, mb1mx3.3/44, mbtmp3.4/77, ML3.1/6, Error ellipse: s-maj=27.3km s-min=14.9km az=113.0

BUL 30 18:42:32.9, 4.4, 09N:81:94E, h5km, mb3.7/2, ML3.5/10, NNC 30 18:42:35.6, 2.3, 44:33N:81:80E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=28.5km s-min=7.9km az=123.0

ISC 30 18:42:28.8, 0.8, 44:08N:82:18E:0.04, h10km, n18, 0:198/25, 16C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PDGK Podgornoye, PDGK 2.2nm, 0.3s, MK31 Makanchi Array, etc.

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

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AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

AAK Ala-Archa 5.79 258 Pn 18 44 03.1 +8.3

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PETK comp=Z, 3.0nm, 0.3s, PET Petropavlovsk, etc.

UGLU Uglovaya 4.96 26 eP Pn 18 47 19.5 +1.5

KOK Koryaka 4.98 25 eP Pn 18 47 20.7 +2.4

KOK Koryaka 4.98 25 eP Pn 18 47 20.7 +2.4

KOK Koryaka 4.98 25 eP Pn 18 47 20.7 +2.4

KOK Koryaka 4.98 25 eP Pn 18 47 20.7 +2.4

KOK Koryaka 4.98 25 eP Pn 18 47 20.7 +2.4

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

AVH Avacha 4.98 25 eP Pn 18 47 20.5 +2.2

IDC 30 19:01:16.4, 1.7, 2:83S:129:31E, h0km, mb3.4/2, mb1.3/64, mb1mx3.4/30, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=48.2km s-min=26.5km az=88.0

ISCJB 30 19:01:24.0, 0.5, 2:86S:0:04:129:98E:0.04, h89km, 8km, mb3.4/2, Error ellipse: s-maj=7.2km s-min=5.6km az=37.7

DJA 30 19:01:24.9, 1.0, 3:3S:13:0E, h27km, 13km, M3.1/10, ML3.3/10

ISC 30 19:01:24.8, 0.9, 2:88S:0:05:129:99E:0.04, h80km, 13km, n12, 0:89E/19, Seram

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSAI Masohi, MSAI Masohi, SNIJ Sani, etc.

CASC 30 19:13:02.7, 3.1, 9:05N-84:08W, h0km, 6km, MD3.7, 1C-2D, Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QCR Quepos, QCR Quepos, BUEN Buena Vista, etc.

MOS 30 19:16:13.0.0.7.49.59N:156.6159E, h11km, mb4.3/1, Error ellipse: s-maj=52.1km s-min=8.0km az=80.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asacha, etc.

DDA 30 19:40:13.7.37.52N:36.02E, h7km, Md2.6 CSEM 30 19:40:14.0.1.0.37.35N:36.01E, h5km, MD2.5, Error ellipse: s-maj=30.3km s-min=11.6km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KOZT Kozan, ANDN Andirin, AKO Adana, etc.

ISC 30 19:47:21.6.2.5.137.00N:50.49E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.4/3, mbtmp3.8/5, MS3.5/2, Ms1 3.5/2, ms1mx2.8/40, Error ellipse: s-maj=72.7km s-min=38.6km az=59.0, Eastern Fog of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MKAR Machanchi Array, CMAR Chiang Mai Arr, FINES FINESS Array B, etc.

ISC 30 20:08:39.6.0.9.52.17N:169.44W, h0km, mb3.9/12, mb1 4.1/14, mb1mx3.8/45, mbtmp3.9/14, ML3.5/2, Error ellipse: s-maj=28.4km s-min=16.7km az=163.0

ISCJCB 30 20:08:43.4.0.9.52.04N:169.33W, h0.8km, h44km, 6km, mb4.0/19, Error ellipse: s-maj=15.3km s-min=4.6km az=153.9

NEIC 30 20:08:43.9.52.08N:169.35W, h38km, mb4.3/7, ML4.2(AEIC), After AEIC.

ISC 30 20:08:45.0.0.8.52.11N:169.37W, h0.07, h39km, 5km, h45.5, h52.0/51, mb4.0/19, Fo Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, OKTG Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ABKAR Akbulak array, AAK Ala-Archa, EKSS Erkin-Say, etc.

ISC 30 20:09:19.3.0.6.52.14N:169.43W, h0km, mb4.6/31, mb1 4.8/33, mb1mx4.7/46, mbtmp4.6/33, ML4.2/2, Error ellipse: s-maj=16.8km s-min=10.2km az=170.0

BUI 30 20:09:21.7.52.17N:169.96W, h13km, mb5.0/55, h10R, h107, MS4.8/20, MS4.8/20, MS4.8/20, MS4.8/20

ISCJCB 30 20:09:22.5.0.8.52.10N:169.41W, h0.03, h31km, 5km, mb4.9/143, MS4.1/4, Error ellipse: s-maj=5.5km s-min=2.6km az=168.6

MOS 30 20:09:22.7.1.1.52.15N:169.42W, h33km, mb5.2/55, Error ellipse: s-maj=8.9km s-min=5.2km az=94.3

NEIC 30 20:09:23.1.52.01N:169.29W, h32km, mb4.8/101, ML4.3(AEIC), After AEIC.

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, OKTG Okmok Ridge, etc.

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MCK McKinley, OKSO Okmok South, OKTG Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MA2 Magadan, INK Inuvik, INK Inuvik, etc.

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

ISC 30 20:09:23.6.0.5.52.19N:169.41W, h0.03, h27km, 2km, h439, h131/456, mb4.9/153, MS4.1/4, 32C-16D, Fox Islands

30d 20h

Table with columns: DUG, DUG, comp, 39.98, 84, eP, P, 20 16 55.5 -0.3, etc. Lists various locations like Dugway, Boulder Array, Pinedale Array, etc.

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Table with columns: NJ2, Nanjing, 54.55, 278, eP, PMZ, P, 20 18 49.0 -0.1, etc. Lists various locations like Scoresbysund, Kevo, Lovozero, etc.

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Table with columns: KMI, comp, Z, 21nm, 1.0s, PMZ, 69.91, 315, P, P, 20 20 32.4 +0.2, etc. Lists various locations like Tokmak 2, Ospenovka, Chumysh, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like Ujice, Panska Ves, Dobruska-Polom, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like Warramunga Arr, SONSCECA Array, SONSCECA Array, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like DZET, KK31, KRSC, NEIC, etc.

30d 21h

Table with columns: YSS, comp, Z, A, S, P, M, L, R, Time, Res. Includes stations like Uzh-Sakhalins, Uglegor'sk, Nakash, Abashiri-Toko, etc.

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Table with columns: LZH, comp, Z, A, S, P, M, L, R, Time, Res. Includes stations like Zalesovo Beam, Zalesovo Beam, Gaiyang, etc.

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Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like KSP, Ulice, Dobruska-Polom, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
h19km:pp-P, n1116, c1814/1135, mb5.6/270, MS4.7/54, 53C-37D, South Indian Ocean							
Op	ISC						
h m s	ISC						
21 21 41.9	-0.4						
21 21 41.0	-1.3						
21 21 43.5	+1.2						
21 21 41.6	-0.6						
21 23 01.7	+1.1						
21 21 40.6	-2.3						
21 21 04.3	-1.0						
21 21 40.6	-2.3						
21 23 04.3	-1.0						
21 21 40.8	-2.3						
21 23 04.7	-1.0						
21 21 57.9	+2.2						
21 23 36.0	-1.3						
21 21 57.8	+2.0						
21 23 36.2	-1.3						
21 21 57.9	+1.9						
21 23 36.6	-1.3						
21 22 22.5	-3.3						
21 26 05.2							
21 22 22.5	-3.3						
21 22 23.3	-2.5						
21 22 22.7	-3.1						
21 22 23.7	-2.1						
21 22 22.7	-3.1						
21 24 15.2	-1.6						
21 22 45.7	-0.8						
21 23 40.3	-2.2						
21 23 42.1							
21 27 25.6							
21 23 48.7	-2.1						
21 29 35.9							
21 26 46.6	-2.0						
21 29 35.9							
21 24 03.6	+2.0						
21 24 02.2	+0.6						
21 24 06.1	+2.4						
21 24 05.9	+1.0						
21 24 06.5	+0.3						
21 24 08.5							
21 27 22.7	-1.7						
21 30 50.6							
21 24 11.2	+0.6						
21 24 12.9							
21 27 33.6	-1.5						
21 33 58.2							
21 24 12.8	+0.4						
21 24 11.9	-0.5						
21 24 13.8	+1.2						
21 24 13.9	+1.2						
21 24 16.0	-0.2						
21 24 20.1							
21 27 44.5	-1.2						
21 30 48.9							
21 24 18.4	+0.7						
21 24 22.0							
21 27 49.7	-1.2						
21 31 29.0							
21 24 21.0	-0.3						
21 24 17.7	-0.7						
21 24 21.9	-0.7						
21 31 18.8							
21 24 21.4	+0.8						
21 24 21.4	+0.8						
21 24 21.7	-0.9						
21 24 26.6							
21 24 21.7	+0.6						
21 24 25.4							
21 27 58.7	-1.2						
21 31 34.0							
21 24 28.2	+1.2						
21 24 31.7	+1.1						
21 24 35.9							
21 28 11.1	-1.5						
21 30 39.9							
21 24 32.5	+0.5						
21 28 28.0	-0.3						
21 24 34.3							
21 24 32.5	+0.5						
21 28 18.0							
21 24 34.3	+1.4						
21 24 32.5	+0.5						
21 28 18.0							
21 24 34.3	+1.4						
21 24 32.5	+0.5						
21 28 28.0	-0.3						
21 24 38.5							
21 28 19.6	-0.7						
21 33 45.3							
21 24 35.9	+2.4						
21 24 38.1	+2.7						
21 24 36.7	+1.4						
21 24 39.4	+2.3						
21 24 38.4	+0.6						
21 24 44.3							
21 28 30.2							
21 24 40.3	+1.8						
21 24 41.9	+0.8						
21 24 43.5							
21 32 41.5							
21 24 48.7	+1.6						
21 24 47.7	+0.7						

RPR	comp=Z,342nm,1.2s	Iamb	Iamb	21 24 49.3
RPR	comp=Z,367nm,15.4s	eS	S	21 28 52.5 -2.4
RPR	comp=Z,367nm,15.4s	IVMs_BB	IVMs_BB	21 32 59.8
CHLP	22.76 10 eP	Iamb	Iamb	21 24 48.4 +1.0
CHLP	comp=Z,132nm,0.8s	Iamb	Iamb	21 25 10.0
CHLP	comp=Z,391nm,25.9s	eS	S	21 28 48.5 -6.9
CHLP	comp=Z,213nm,1.0s	IVMs_BB	IVMs_BB	21 31 54.3
KULM	22.76 66 eP	P	P	21 24 48.1 +0.7
IPM	22.80 69 eP	P	P	21 24 48.3 +0.4
SRSP	22.84 356 eP	Iamb	Iamb	21 24 49.3 +1.1
SRSP	comp=Z,191nm,0.9s	Iamb	Iamb	21 24 55.1
SRSP	comp=Z,872nm,15.2s	eS	S	21 28 54.0 -2.9
SRSP	comp=Z,131nm,1.6s,comp=Z,300nm,2.3s	IVMs_BB	IVMs_BB	21 38 06.1
FRIM	22.95 72 ↑P	P	P	21 24 51.1 +1.8
TRTT	23.05 59 P	P	P	21 24 51.9 +1.0
MNAI	23.07 92 P	P	P	21 24 52.3 +1.6
MNAI	23.07 92 eP	P	P	21 24 51.8 +1.1
POO	23.16 345 eP	P	P	21 24 53.5 +1.9
POO	comp=Z,186nm,1.8s	AMB	AMB	21 24 59.8
SKLT	23.54 62 P	P	P	21 24 56.2 +0.9
LHSI	23.64 90 P	P	P	21 24 58.3 +1.9
SURA	23.69 56 P	P	P	21 24 57.8 +1.0
JMBI	23.90 85 P	P	P	21 25 01.1 +2.2
LWLI	24.19 93 P	P	P	21 25 03.7 +2.1
KGM	24.23 76 ↑P	P	P	21 25 03.9 +2.0
MDSI	24.29 92 P	P	P	21 25 03.9 +1.4
KASI	24.63 94 P	P	P	21 25 06.9 +1.3
MYKOM	24.69 77 ↑P	P	P	21 25 07.8 +1.7
MYKOM	24.69 77 eP	P	P	21 25 07.4 +1.3
KLSI	24.84 92 P	P	P	21 25 09.4 +1.9
PMBI	24.93 98 P	P	P	21 25 10.2 +2.0
KLI	24.93 98 P	P	P	21 25 09.9 +1.3
NGP	25.02 358 eP	P	P	21 25 09.5 +0.6
NGP	comp=Z,82nm,0.6s	AMB	AMB	21 25 13.0
NGP	comp=Z,177nm,0.8s	eS	x	21 25 41.6
NGP	comp=Z,177nm,0.8s	eS	x	21 29 33.4 +1.2
KTGM	25.06 68 ↑P	P	P	21 25 10.6 +1.1
TPRI	25.17 79 P	P	P	21 25 12.5 +2.1
CGJI	25.19 93 P	P	P	21 25 18.7 +1.8
CGJI	comp=Z,212nm,1.7s,comp=Z,212nm,1.7s	P	P	21 25 18.7 +1.8
PPBI	26.34 87 P	P	P	21 25 22.1 +1.1
KHLT	26.36 44 P	P	P	21 25 22.6 +1.4
XMIS	26.40 105 eP	P	P	21 25 22.4 +0.8
SRDT	26.44 46 P	P	P	21 25 23.5 +1.6
PATY	26.63 51 P	P	P	21 25 27.0 +1.6
BHPL	27.19 355 eP	P	P	21 25 30.8 +2.2
CNJI	27.36 98 P	P	P	21 25 31.9 +1.6
UTHA	27.48 45 P	P	P	21 25 32.7 +1.4
UMPA	27.53 43 P	P	P	21 25 32.2 +0.4
LEM	27.81 97 P	P	P	21 25 42.2 +7.8
LEM	comp=Z,232nm,0.7s,baz=302,slow=2.4,SNR=56	LR	LR	21 35 51.5
LEM	comp=Z,885nm,19.3s,baz=248,slow=35	LR	LR	21 25 42.1 +7.7
LEM	comp=Z,4um,1.2s,comp=Z,35um	P	P	21 25 37.5 +1.3
NAYO	28.04 49 P	P	P	21 25 37.6 +1.0
CISI	28.07 98 P	P	P	21 25 37.1 +0.4
CISI	comp=Z,19nm,0.9s	P	P	21 25 40.7 +2.6
BOK	28.26 12 eP	AMB	AMB	21 25 56.1
MHMT	28.37 38 P	P	P	21 25 41.0 +1.8
SRAK	28.40 51 P	P	P	21 25 45.1 +5.6
BHJ	28.86 340 ex	AMB	AMB	21 25 37.5 -6.0
BHJ	comp=Z,39nm,0.7s	AMB	AMB	21 25 52.3
CM01	29.20 40 eP	P	P	21 25 47.5 +0.9
CM31	29.21 40 eP	P	P	21 25 48.2 +1.5
CM31	comp=Z,45nm,1.0s	P	P	21 28 54.0 +0.1
CMAR	29.21 40 P	P	P	21 25 48.2 +1.5
CMAR	comp=Z,18nm,0.9s,baz=235,slow=10,SNR=104	P	P	21 28 54.0 +0.1
CMAR	comp=Z,8.1nm,0.9s,baz=236,slow=4.2,SNR=9.6	P	P	21 37 24.3
CMAR	comp=Z,740nm,18.5s,baz=222,slow=36	LR	LR	21 25 48.4 +1.5
PBKT	29.24 45 P	P	P	21 25 50.2 +1.1
CHTO	29.48 39 P	P	P	21 25 50.0 +0.9
CHTO	29.48 39 eP	P	P	21 25 50.0 +0.9
CHTO	29.48 39 eP	P	P	21 25 50.7 +1.6
CHTO	comp=Z,19nm,1.0s	P	P	21 25 52.8
CHTO	SNR=11	P	P	21 25 50.0 +0.9
CHTO	29.48 39 mb	P	P	21 25 50.1 +1.0
CHAI	29.54 47 P	P	P	21 25 51.0 +1.4
UTTA	29.76 43 P	P	P	21 25 53.0 +1.5
PHRA	30.08 41 P	P	P	21 25 55.9 +1.5
LOEI	30.09 44 P	P	P	21 25 57.6 +3.1
CMAI	30.38 38 P	P	P	21 25 58.8 +1.6
KHON	30.43 48 P	P	P	21 25 58.6 +1.1
UGM	30.77 99 P	P	P	21 26 01.2 +0.6
UGM	comp=Z,405nm,1.2s	P	P	21 26 00.2 -0.4
KSM	30.95 80 ↑P	P	P	21 26 03.4 +1.3
KSM	30.95 80 eP	P	P	21 26 02.9 +0.7
POJI	31.16 98 P	P	P	21 26 04.0 0.0
WCJI	31.44 99 P	P	P	21 26 06.8 +0.3
RAMN	31.47 12 eP	P	P	21 26 09.5 +2.7
ODAN	31.55 1			

30d 21h

Table of astronomical data for 30 days and 21 hours, listing objects like BSSI, BSI, CD2, etc., with their coordinates and magnitudes.

2010 NOV

Table of astronomical data for November 2010, listing objects like FITZ, GAT, DAV, etc., with their coordinates and magnitudes.

1494

Table of astronomical data for 1494, listing objects like MAK, WRA, WR1, etc., with their coordinates and magnitudes.

1495 2010 NOV 30d 21h

BBOO	SNR=9.8 Buckleboo	59.71 126	eP	P	21 29 48.3	-1.4	IDI	Anoyia	64.60 312	/P	P	21 30 23.0	+0.5	LVV	L'vov	71.92 326	eP	P	21 31 07.2	-0.8
KSJQ	SNR=17 Gongju	59.74 43	P	P	21 29 49.7	0.0	IDI	Anoyia	64.60 312	eP	P	21 30 23.3	+0.8	LVV	comp=N,100nm,19.0s		MLR	MLR		
IRK	SNR=17 Irksk	59.76 17	eP	P	21 29 49.2	-6.7	VORD	Divnogorie	64.81 333	eP	P	21 30 22.7	-0.7	LVV	comp=E,100nm,19.0s		MLR	MLR		
IRK	comp=Z,100nm,1.7s						VORD	comp=Z,10.0nm,0.9s						LVV	comp=Z,200nm,19.0s		MLR	MLR		
KSGAH	SNR=14 Ganghwa	59.93 42	P	P	21 29 50.6	-0.4	VORD	comp=N,30nm,0.7s						ARMA	Armidade	72.30 121	eP	P	21 31 11.7	+0.8
KSGAH	SNR=14 Ganghwa	59.93 42	P	P	21 29 50.6	-0.4	VSR	comp=E,20nm,0.9s						UZH	Uzhgorod	72.34 324	eP	P	21 31 10.2	-0.3
INCN	SNR=14 Inchon	59.93 42	eP	P	21 29 50.5	-0.5	VSR	comp=Z,20nm,0.7s						KOLS	Kolonice sedl	72.50 324	eP	P	21 31 12.6	+1.1
KSCFA	comp=Z,130nm,1.4s						VSR	comp=N,10.0nm,0.8s						KOLS	comp=Z,17nm,1.5s					
KSSWO	SNR=7.5 Suwon	60.04 42	P	P	21 29 51.8	0.0	VSR	comp=Z,20nm,1.0s						KOLS	Kolonice sedl	72.50 324	eP	P	21 31 12.5	+1.1
KSMAS	SNR=6.4 Masan	60.06 45	P	P	21 29 54.0	+2.0	MDJ	comp=Z,20nm,1.0s						KOLS	comp=Z,17nm,1.5s		eP	P	21 31 12.5	+1.1
KSSOE	SNR=12 Seoul	60.12 42	P	P	21 29 52.4	0.0	MDJ	Mudanjiang	65.70 37	P	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSSOE	SNR=12	60.12 42	P	P	21 29 52.4	0.0	MDJ	comp=Z,17nm,0.9s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSBOU	SNR=21 Boeun	60.20 44	P	P	21 29 53.0	0.0	MDJ	comp=Z,17nm,0.9s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSMUS	SNR=7.4 Musan	60.23 42	P	P	21 29 53.4	+0.3	MDJ	comp=E,97nm,1.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
GENI	SNR=7.5 Geniem	60.25 91	P	P	21 29 53.3	-0.4	MDJ	comp=E,110nm,5.5s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
YNCB	SNR=10 YEONCHEON	60.43 42	P	P	21 29 54.0	-0.4	MDJ	comp=E,310nm,19.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
YNCB	SNR=10	60.43 42	P	P	21 29 54.0	-0.4	MDJ	comp=E,310nm,22.8s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSMGY	SNR=6.6 Mungyeong	60.46 44	P	P	21 29 54.3	-0.4	MDJ	comp=E,310nm,22.8s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSBSU	SNR=9.3 Busan	60.49 45	P	P	21 29 56.0	+1.1	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSCHJ	SNR=14 Chungju	60.52 43	P	P	21 29 54.9	-0.2	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSUSU	SNR=6.6 Ulsan	60.72 45	P	P	21 29 58.0	+1.5	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KS15	SNR=6.6 Wonju Array Si	60.75 43	eP	P	21 29 56.5	-0.1	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSAR	SNR=6.6 Wonju Array Be	60.75 43	eP	P	21 29 56.5	-0.1	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSAR	SNR=6.6	60.75 43	eP	P	21 29 56.5	-0.1	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
BR101	SNR=6.6 Keskin Array S	60.76 320	eP	P	21 29 57.4	+0.5	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
BRTR	SNR=6.6 Keskin Array B	60.76 320	eP	P	21 29 57.4	+0.5	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
BRTR	SNR=6.6	60.76 320	eP	P	21 29 57.4	+0.5	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
JNU	SNR=6.6 Nakatsue	60.76 48	eP	P	21 29 57.1	+0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KRAR	SNR=6.6 Krasnoyarsk	60.77 8	eP	P	21 29 52.3	-4.1	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KRAR	SNR=6.6	60.77 8	eP	P	21 29 52.3	-4.1	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KS01	SNR=6.6 Wonju Array Si	60.78 43	eP	P	21 29 55.9	-0.9	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6 Korea Array	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,25.0s						KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	Mudanjiang	65.70 37	eP	P	21 30 29.8	+0.5	KWP	Kalwaria Pacla	72.58 325	/P	P	21 31 12.2	+0.2
KSRS	SNR=6.6	60.78 43	eP	P	21 29 56.5	-0.3	MDJ	comp=Z,320nm,2												

Table with columns for station name, frequency, power, and other technical details. Includes stations like Panska Ves, Kasperke Hory, Wattenberg, Walderalm, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Vanda, KONS, KIC, DBIC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSO, G08A, AGM, etc.

SMCC	Simmler	143.85	28	P	PKPbc	21 39 18.2	-0.1
O32A	Brockman Farm,	143.87	358	P	PKPab	21 39 16.9	-0.7
MS96	Marysvalle	143.96	16	ePKIKP	PKPbc	21 39 18.8	0.0
MSU	Marysvalle	143.96	16	ePKPdf	PKPbc	21 39 18.8	+0.1
O28A	Kringsranger Lan	144.02	2	P	PKPab	21 39 17.8	-0.4
O33A	Idaho Springs	144.02	357	P	PKPab	21 39 17.4	-0.8
ISCO	4D Ranch, Culb	144.04	1	P	PKPbc	21 39 18.6	-0.2
O29A	Darwin (Calif)	144.10	24	ePKIKP	PKPab	21 39 19.0	+0.2
DAC	Darwin (Calif)	144.10	24	ePKPdf	PKPab	21 39 19.0	+0.2
TZFN	Tazewell	144.19	337	ePKPdf	PKPbc	21 39 19.3	0.0
FURC	Furnace Creek,	144.23	23	P	PKPbc	21 39 19.6	+0.3
ISA	Isabella	144.25	26	ePKIKP	PKPab	21 39 18.9	-0.3
ISA	Isabella	144.25	26	P	PKPab	21 39 18.8	-0.4
ISA	Isabella	144.25	26	ePKPdf	PKPab	21 39 18.9	-0.3
ISA	Isabella	144.25	26	P	PKPab	21 39 18.6	-0.4
PKM	Peak Mountain	144.28	28	P	PKPbc	21 39 20.1	+0.3
CLP	Cerrillos	144.28	296	ePKPdf	PKPbc	21 39 20.2	+0.1
OBIP	Obispo Ponce	144.31	296	ePKPdf	PKPbc	21 39 20.6	+0.5
MPMC	Manual Prospec	144.33	24	P	PKPbc	21 39 20.0	0.0
SLM	Saint Louis	144.37	347	ePKIKP	PKPab	21 39 18.9	-0.5
SLM	Saint Louis	144.72	12	ePKPdf	PKPab	21 39 22.9	-0.1
P35A	Duane Minner,	144.44	354	P	PKPab	21 39 18.9	-0.8
KMSC	Kings Mountain	144.45	333	P	PKPbc	21 39 20.0	-0.1
KMSC	Kings Mountain	144.45	333	ePKPdf	PKPbc	21 39 20.1	0.0
SMCO	Snowmass	144.46	9	ePKPdf	PKPbc	21 39 20.4	-0.1
SMCO	Snowmass	144.46	9	ePP	PKPbc	21 42 36.1	-0.2
MMU	Miners Founai,	144.49	15	ePKPdf	PKPbc	21 39 20.4	-0.1
P34A	Walnut Farm,	144.50	356	P	PKPab	21 39 19.2	-0.7
CCUT	Cedar City	144.50	18	ePKPdf	PKPbc	21 39 20.9	+0.4
P32A	Huiling Farm,	144.52	358	P	PKPbc	21 39 20.7	+0.5
P29A	Atwood	144.56	1	P	PKPab	21 39 20.2	-0.1
P28A	Saint Francis	144.57	2	P	PKPab	21 39 20.3	0.0
P30A	Selden	144.63	0	P	PKPab	21 39 20.5	0.0
P31A	Stockton	144.65	359	P	PKPab	21 39 20.3	-0.2
AGP	Aguadilla	144.67	296	ePKPdf	PKPbc	21 39 21.6	+0.3
LSP	Las Mesas	144.70	296	ePKPdf	PKPbc	21 39 21.7	+0.3
PV09	Paradox Valley	144.72	25	ePKPdf	PKPab	21 39 21.9	-0.1
LRMC	Laurel Mountain	144.75	25	P	PKPab	21 39 21.1	0.0
BTU	Barney Top	144.75	16	ePKPdf	PKPbc	21 39 21.9	+0.4
CRPP	Cabo Rojo, PR	144.78	296	ePKPdf	PKPbc	21 39 21.8	+0.2
SHPR	Sheep Range	144.84	21	ePKPdf	PKPab	21 39 22.1	-0.5
SHPR	Sheep Range	144.84	21	ePP	PKPab	21 42 38.6	-0.1
PV10	Paradox Valley	144.85	12	ePKPdf	PKPab	21 39 22.7	+0.1
Q37A	Longview Farm,	144.91	352	P	PKPab	21 39 20.2	-1.1
Q24A	Divide	144.92	7	P	PKPab	21 39 21.0	-0.9
KSU1	Kansas State U	144.92	355	P	PKPab	21 39 20.7	-0.8
KSU1	Kansas State U	144.92	355	P	PKPab	21 39 20.5	-0.9
Q36A	Arnold C. Orve	144.93	354	ePKPbc	PKPab	21 39 20.4	-1.2
SHOC	Shoshone	144.96	23	P	PKPdf	21 39 22.2	-0.3
SIUC	Southern Illin	144.99	345	ePKPbc	PKPab	21 39 21.1	-0.6
OSI	Osito Adit	145.02	27	P	PKPab	21 39 22.5	-0.3
OSI	Osito Adit	145.02	27	ePKPbc	PKPab	21 39 22.4	-0.3
Q28A	Sharon Springs	145.08	2	P	PKPbc	21 39 21.2	-0.9
KSCO	Kaye Shedlock	145.09	3	P	PKPbc	21 39 21.4	-0.8
KSCO	Kaye Shedlock	145.09	3	ePKPbc	PKPbc	21 39 21.9	-0.3
BSC	Santa Cruz Isl	145.10	29	P	PKPab	21 39 22.3	0.0
Q33A	Connelly Farm,	145.11	357	P	PKPbc	21 39 21.4	-0.7
Q35A	Mercer Eighty,	145.11	354	P	PKPbc	21 39 20.9	-1.2
JSC	Jenkinsville	145.12	332	ePKIKP	PKPab	21 39 22.5	+0.2
JSC	Jenkinsville	145.12	332	ePKPbc	PKPab	21 39 22.4	+0.2
EDW2	Edwards Air Fo	145.12	26	P	PKPbc	21 39 22.3	-0.1
PV05	Paradox Valley	145.13	12	ePKPbc	PKPbc	21 39 23.1	0.0
Q34A	Chapman	145.13	356	P	PKPbc	21 39 21.2	-1.0
CCM	Cathedral Cave	145.15	348	ePKP2	PKPbc	21 39 20.6	-1.6
CCM	Cathedral Cave	145.15	348	ePKPbc	PKPbc	21 39 20.6	-1.6
Q32A	Mettler Ranch,	145.15	358	P	PKPbc	21 39 21.3	-0.9
Q31A	Ellis	145.16	359	P	PKPbc	21 39 21.6	-0.8
PV01	Paradox Valley	145.18	12	ePKPbc	PKPbc	21 39 23.4	+0.3
Q30A	Quinter	145.20	0	P	PKPbc	21 39 21.9	-0.6
GSC	Goldstone	145.27	24	ePKIKP	PKPdf	21 39 23.1	-0.1
GSC	Goldstone	145.27	24	P	PKPdf	21 39 23.1	-0.1
GSC	Goldstone	145.27	24	ePKPbc	PKPdf	21 39 23.1	-0.1
Q29A	Goldstone	145.28	1	P	PKPbc	21 39 23.1	-0.6
BLG	Laguna Peak	145.28	28	P	PKPab	21 39 22.9	0.0
CBKS	Cedar Bluff	145.36	359	ePKIKP	PKPbc	21 39 22.3	-0.6
CBKS	Cedar Bluff	145.36	359	P	PKPbc	21 39 22.5	-0.5
CBKS	Cedar Bluff	145.36	359	ePKPbc	PKPbc	21 39 22.3	-0.6
TECC	Green Verdugo	145.50	27	P	PKPdf	21 39 23.5	0.0
DUQ	Turquoise Moun	145.50	23	P	PKPab	21 39 24.0	+0.1
R37A	Teagarden Farm	145.51	353	P	PKPdf	21 39 21.6	-1.8
CPCT	Cooper Cave	145.53	337	ePKPdf	PKPdf	21 39 20.4	-3.1
NHSC	New Hope	145.55	330	ePKPdf	PKPab	21 39 24.8	+0.9
R36A	Gordon, Harris	145.58	353	P	PKPdf	21 39 22.6	-0.9
PASC	Pasadena Art C	145.63	27	ePKPdf	PKPab	21 39 24.1	-0.1
MWC	Mount Wilson	145.65	27	ePKIKP	PKPdf	21 39 23.9	-0.1
MWC	Mount Wilson	145.65	27	ePKPbc	PKPdf	21 39 23.9	-0.1
R35A	Emporia Munic	145.66	354	P	PKPdf	21 39 23.1	-0.6
RGRS	Roger Stewart	145.71	329	ePKPdf	PKPab	21 39 24.6	+0.1
R32A	Long Quarter,	145.72	358	P	PKPdf	21 39 23.2	-0.6
R29A	Marienthal	145.74	1	P	PKPdf	21 39 23.8	-0.1
SNCC	San Nicolas Is	145.76	30	P	PKPbc	21 39 24.4	+0.1
SNCC	San Nicolas Is	145.76	30	ePKPdf	PKPab	21 39 24.6	-0.1
R34A	Isabella, Hill	145.77	356	P	PKPdf	21 39 23.7	-0.2
R28A	Tribune	145.80	2	P	PKPdf	21 39 23.7	-0.3
R33A	Olander Ranch,	145.81	357	P	PKPdf	21 39 23.7	-0.2
BFSO	Mount Baldy Ra	145.81	26	P	PKPbc	21 39 24.8	+0.1
HEC	Hector, Ludlow	145.87	24	P	PKPab	21 39 25.2	0.0
S22A	4UR Ranch, Cre	145.88	9	P	PKPdf	21 39 24.4	0.0
S22A	4UR Ranch, Cre	145.88	9	ePKPdf	PKPdf	21 39 24.4	0.0
R31A	Burdett	145.88	359	P	PKPdf	21 39 23.9	-0.2
R30A	Dighton	145.89	0	P	PKPdf	21 39 24.2	+0.1
S37A	Fort Scott	146.06	352	P	PKPdf	21 39 23.6	-0.8
WYT	Waverly	146.07	342	ePKP2	PKPdf	21 39 23.5	-0.9
WYT	Waverly	146.07	342	ePKPdf	PKPdf	21 39 23.5	-0.9
SDCO	Great Sand Dun	146.07	8	P	PKPdf	21 39 24.1	-0.7
SDCO	Great Sand Dun	146.07	8	ePKPdf	PKPdf	21 39 24.3	-0.4
BBRC	Big Bear Solar	146.11	25	P	PKPbc	21 39 25.7	0.0
CIS	Catalina Islan	146.17	28	P	PKPdf	21 39 24.5	-0.2
GMRC	Granite Mounta	146.18	23	P	PKPdf	21 39 25.3	+0.5
PBMO	Poplar Bluff	146.18	346	ePKPdf	PKPdf	21 39 24.0	-0.6
S36A	Lake Cedric, C	146.19	353	P	PKPdf	21 39 24.2	-0.4
SWET	Wetmore	146.26	339	ePKPdf	PKPdf	21 39 24.5	-0.3
S35A	Otter Creek Ra	146.30	354	P	PKPdf	21 39 24.7	-0.1
S34A	Willow Spring	146.35	356	P	PKPdf	21 39 25.1	+0.2
GLAT	Glass	146.37	344	ePKPdf	PKPbc	21 39 25.9	-0.2
SAC	San Clemente I	146.45	29	P	PKPbc	21 39 26.3	-0.1
S32A	Newby Ranch, P	146.45	358	P	PKPdf	21 39 25.2	+0.2
S33A	Kasznau Farm,	146.52	357	P	PKPdf	21 39 25.6	+0.5
S30A	Montezuma	146.53	0	P	PKPdf	21 39 25.6	+0.4
S29A	Ulysses	146.54	1	P	PKPdf	21 39 25.8	+0.5
S28A	Manter	146.54	2	P	PKPdf	21 39 25.8	+0.5
S31A	Mullinville	146.54	359	P	PKPdf	21 39 25.7	+0.4
MURC	Murrieta	146.55	26	P	PKPdf	21 39 25.8	+0.5
NEE2	Needles Airpor	146.59	22	P	PKPbc	21 39 26.5	-0.3
T37A	Cheneyville 18	146.69	352	P	PKPdf	21 39 25.2	-0.2
BELC	Belle Mtn. Jos	146.72	24	P	PKPdf	21 39 26.3	+0.5
T25A	Trinidad	146.80	6	P	PKPbc	21 39 27.0	-0.7
T24A	Trinidad	146.80	6	ePKPdf	PKPbc	21 39 25.6	-0.3
GNAR	Gosnell	146.85	345	ePKPdf	PKPbc	21 39 27.7	+0.2
GOG	Gosney	146.85	334	ePKP2	PKPbc	21 39 25.9	+0.1
PFO	Pinyon Flat Ob	146.87	25	P	PKPbc	21 39 27.9	+0.1
PFO	Pinyon Flat Ob	146.87	25	P	PKPbc	21 39 27.1	-0.7
T36A	Boggs Farm, Ca	146.87	354	P	PKPdf	21 39 26.4	+0.7
IRM	Iron Mountain	146.93	23	P	PKPbc	21 39 27.6	-0.4
T32A	Huddler Ranch,	146.97	358	P	PKPbc	21 39 27.5	-0.4
WUAZ	Wupatki	146.98	17	P	PKPbc	21 39 27.6	-0.5
WUAZ	Wupatki	146.98	17	ePKPdf	PKPbc	21 39 26.9	+0.7
T29A	Hugoton	147.00	2	P	PKPbc	21 39 27.3	-0.7
T34A	McClaskey Farm	147.03	356	P	PKPbc	21 39 27.5	-0.6
T33A	Patterson Ranc	147.04	357	P	PKPdf	21 39 27.0	+0.9
T31A	Randall Ranch,	147.07	359	P	PKPbc	21 39 27.7	-0.4
T35A	Goodwin Cattle	147.08	355	P	PKPbc	21 39 27.5	-0.6
T30A	Plains	147.1					

30d 22h

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

2010 NOV

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

1500

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

1501

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BMO Blue Mountains, GKN Gorkha, LUWI Luwuk, etc.

2010 NOV

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ULM Lac du Bonnet, B30A Myrvik Farm, SOEI Myrvik Farm, etc.

30d 22h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SCHO Schefferville, SCHO Schefferville, DZM Mont Dzacum, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res, ISC. Rows include stations like TIR, 233A, 330A, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res, ISC. Rows include stations like BNI, BNI, SSB, SSB, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res, ISC. Rows include stations like IDC 30 22:28, IDC 30 22:53, IDC 30 22:59, etc.

Table with columns: VERK, YER, Verkesik, KORT, Korkueli, etc. Includes station names like KORT, KORKUELI, DNLZ, etc.

ISC/JB 30 23:14:12.9-0.7, 51.42N-0.03-16.18E-0.04, h0km, Error ellipse: s-maj=5.1km s-min=3.2km az=12.8

CSEM 30 23:14:13.2-0.8, 51.52N-16.13E, h2km, mb2.4, Error ellipse: s-maj=67.5km s-min=9.8km az=91.0, Suspected Mining induced.

VIE 30 23:14:16.1-0.4, 51.27N-16.22E, h0km, mb2.4/2, m2.5/4, Error ellipse: s-maj=3.1km s-min=2.7km az=62.0, Suspected Mining induced.

ISC 30 23:14:14.0-1.1, 51.44N-0.05-16.19E-0.03, h0km, n20, az=79/45, 3C-10, PALLAN

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSP, KSP, UPC, DPC, etc.

IDC 30 23:36:39.2-0.5, 51.02N-170.75W, h0km, mb4.7/33, mb1.4/9/34, mb1mx4.7/53, mbtmp4.7/34, ML3.71, MS3.6/20, Ms1.3/6/20, ms1mx3.5/41, Error ellipse: s-maj=16.3km s-min=10.8km az=174.0

ISC/JB 30 23:36:41.2-1.0, 51.14N-0.03-170.62W-0.02, h22km, 6km, mb4.8/148, MS3.6/21, Error ellipse: s-maj=5.0km s-min=2.5km az=92.4

NEIC 30 23:36:41.7-1.6, 51.11N-170.76W, h12km, 9km, mb4.9/123, Error ellipse: s-maj=5.9km s-min=2.5km az=185.0

MOS 30 23:36:43.1-0.9, 51.12N-170.76W, h33km, mb5.1/51, Error ellipse: s-maj=8.5km s-min=5.3km az=92.2

BUI 30 23:36:44.4, 51.75N-171.19W, h28km, mb4.9/41, mb4.9/23, Ms4.7/11, Ms7.4/3/10

ISC 30 23:36:43.3-0.5, 51.13N-170.70W-0.03, h26km, 2km, h25km, p-P, n772, c1911/804, mb4.9/157, MS3.5/21, 28C-14D, Fox Islands

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIKH, KOPF, KOSE, etc.

Main station list table with columns: SDPT, Sand Point, CHGN, Chignik, OHAQ, Old Harbor, etc. Includes station names like Sand Point, Chignik, Old Harbor, Kodiak Island, etc.

Main station list table with columns: I07A, Izee, comp=Z.277nm, 2.6s, 34.63 81 eP, P, 23 43 31.8 +1.5, etc. Includes station names like Izee, Paynes Creek, J08A, etc.

1505

P36A	Good Intent, A	52.04	72	P	P	23 45 49.6	-0.9
M38A	Pleasantville	52.10	69	P	P	23 45 50.2	-0.7
S34A	Willow Spring	52.12	75	P	P	23 45 50.4	-0.6
128A	Castleberry Fa	52.13	83	P	P	23 45 51.1	-0.2
Z29A	Hungry Hill Ra	52.19	82	P	P	23 45 51.3	-0.5
SUMG	Summit	52.21	16	i	P	23 45 52.7	+1.0
SUMG	Summit	52.21	16	i	P	23 45 52.7	+1.0
SUMG	Summit	52.21	16	i	P	23 45 52.7	+1.0
SUMG	Summit	52.21	16	i	P	23 45 52.7	+1.0
V32A	Arapaho	52.22	78	P	P	23 45 51.7	-0.2
R35A	Emporia Municip	52.27	73	P	P	23 45 51.7	-0.6
Y30A	Stafford Cattl	52.28	81	P	P	23 45 52.0	-0.4
U33A	Lingo Farm, Me	52.32	76	P	P	23 45 52.2	-0.5
O37A	Wolven Farm, M	52.33	70	P	P	23 45 52.0	-0.6
X31A	McDonald Ranch	52.35	79	P	P	23 45 52.6	-0.3
228A	JT Block 9, Go	52.40	84	P	P	23 45 53.0	-0.3
N38A	Joes South For	52.47	69	P	P	23 45 52.9	-0.8
W32A	Sentinel	52.48	78	P	P	23 45 53.8	0.0
129A	Stewart Farms,	52.51	83	P	P	23 45 53.6	-0.6
T34A	McClaskey Farm	52.51	75	P	P	23 45 53.5	-0.5
Z30A	Sanderson Ranc	52.53	82	P	P	23 45 53.6	-0.7
HHC	Hu-ho-hao-te	52.59	291	eP	S	23 45 55.8	+1.1
HHC					S	23 53 10.1	0.1
HHC					S	23 53 31.3	-1.8
HHC					SS		
HHC					PMZ		
HHC					PMZ		
HHC					LN		
HHC					LN		
HHC					LE		
HHC					LE		
HHC					LZ		
S35A	Otter Creek Ra	52.61	74	P	P	23 45 54.1	-0.7
V33A	Lossen Ranch,	52.62	77	P	P	23 45 54.4	-0.4
U34A	Anderson Ranch	52.68	76	P	P	23 45 54.8	-0.5
R36A	Gordon, Harris	52.69	73	P	P	23 45 54.0	-1.3
N39A	Derby Farms, D	52.85	69	P	P	23 45 55.3	-1.2
W33A	Caddo, Fort Co	52.94	78	P	P	23 45 57.2	0.0
229A	Bryant Ranch,	52.99	83	P	P	23 45 57.6	0.0
T35A	Sooner Cattle	52.99	75	P	P	23 45 57.0	-0.5
S36A	Lake Cedric, C	53.02	74	P	P	23 45 57.1	-0.7
WMOK	Wichita Mounta	53.02	79	eP	P	23 45 58.0	+0.1
WMOK	Wichita Mounta	53.02	79	eP	P	23 45 58.0	+0.1
WMOK	Wichita Mounta	53.02	79	eP	P	23 45 58.0	+0.1
V34A	Guthrie	53.08	77	P	P	23 45 57.9	-0.3
V34A	Guthrie	53.08	77	eP	P	23 45 58.4	+0.1
130A	Snyder	53.09	82	P	P	23 45 58.0	-0.4
Y32A	R-V Farms, Ver	53.10	80	P	P	23 45 58.2	-0.2
R37A	Teagarden Farm	53.10	73	P	P	23 45 57.8	-0.6
Z31A	Sharp Cattle R	53.12	81	P	P	23 45 58.4	-0.2
329A	Wagon Wheel R	53.21	84	P	P	23 45 58.7	-0.6
T36A	Boggs Farm, Ca	53.28	74	P	P	23 45 58.9	-0.7
W34A	Bridge Creek,	53.32	77	P	P	23 45 59.8	-0.2
131A	Roby	53.40	82	P	P	23 46 00.5	-0.2
S37A	Fort Scott	53.46	73	P	P	23 46 00.1	-0.9
230A	Sterling City	53.48	83	P	P	23 46 01.0	-0.3
V35A	Meyer Ranch, C	53.54	76	P	P	23 46 00.9	-0.7
Z32A	Haskell	53.54	80	P	P	23 46 01.1	-0.6
Y33A	Hilltop Ranch,	53.60	79	P	P	23 46 02.0	-0.1
TX31	Lajitas Ar. Si	53.62	87	eP	P	23 46 02.0	-0.3
LTX	Lajitas	53.62	87	eP	P	23 46 02.1	-0.3
LTX	Lajitas	53.62	87	eP	P	23 46 02.1	-0.3
TXAR	Lajitas Array	53.62	87	eP	P	23 46 02.1	-0.3
TXAR					LR	00 06 30.0	
X34A	Smith Ranch, M	53.70	78	P	P	23 46 02.7	-0.1
330A	Mertzon	53.77	83	P	P	23 46 02.9	-0.5
U36A	Oologah	53.80	75	P	P	23 46 03.0	-0.5
T37A	Cheneyville 18	53.82	74	P	P	23 46 02.7	-0.9
429A	Davenport Ranc	53.85	84	P	P	23 46 03.4	-0.6
ABTX	Abielene Hawle	53.90	81	P	P	23 46 03.9	-0.4
ABTX	Abielene Hawle	53.90	81	eP	P	23 46 04.4	+0.1
NJ2	Nanjing	53.90	278	eP	P	23 46 07.0	+2.8
NJ2					PMZ		
W35A	Tecumseh	53.92	77	P	P	23 46 03.7	-0.7
231A	Bronte	53.94	82	P	P	23 46 04.4	-0.3
529A	Stev Forest Ra	53.99	85	P	P	23 46 04.7	-0.3
Z33A	Whitaker Ranch	54.00	80	P	P	23 46 04.6	-0.4
V36A	Jenks	54.08	76	P	P	23 46 05.1	-0.5
TUL1	Tulsa	54.08	75	P	P	23 46 04.7	-0.8
430A	Baggett Ranch,	54.15	84	P	P	23 46 05.5	-0.7
U37A	Salina	54.17	75	P	P	23 46 05.5	-0.7
Y34A	Reagan Ranch,	54.17	79	P	P	23 46 05.8	-0.5
331A	San Angelo	54.30	83	P	P	23 46 06.3	-1.0
W36A	Wetumka	54.33	76	P	P	23 46 06.9	-0.4
133A	Hamilton Ranch	54.36	81	P	P	23 46 07.1	-0.5
X35A	Drake	54.36	78	P	P	23 46 06.6	-1.0
232A	Coleman	54.39	82	P	P	23 46 07.0	-0.9
Z34A	Collier Ranch,	54.47	79	P	P	23 46 08.0	-0.5
V37A	Hulbert	54.50	75	P	P	23 46 07.9	-0.7
530A	J-C Ranch, Com	54.52	85	P	P	23 46 08.3	-0.6
U38A	Gravette	54.59	74	P	P	23 46 08.0	-1.3
431A	Sonora	54.61	84	P	P	23 46 08.8	-0.7

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X36A	Centrahoma	54.63	77	P	P	23 46 09.7	+0.1
Y35A	Marietta	54.65	78	P	P	23 46 09.6	-0.1
332A	Millersview	54.68	82	P	P	23 46 09.1	-0.9
233A	Rising Star	54.77	81	P	P	23 46 09.9	-0.8
134A	White-Moore Ra	54.91	80	P	P	23 46 11.4	-0.2
Z35A	Perchaven, San	54.91	79	P	P	23 46 11.4	-0.2
HDIL	Hopedale	54.93	67	P	P	23 46 10.9	-0.7
V38A	Canehill	54.96	75	P	P	23 46 10.8	-1.1
432A	Menard	54.99	83	P	P	23 46 12.2	-0.1
531A	Rocksprings	55.01	84	P	P	23 46 11.5	-1.0
Y36A	Durant	55.12	78	P	P	23 46 13.0	-0.1
333A	Richland Sprin	55.19	82	P	P	23 46 13.2	-0.5
X37A	Clayton	55.22	76	P	P	23 46 13.5	-0.3
234A	Clairette	55.26	81	P	P	23 46 13.7	-0.4
JCT	Junction City	55.26	83	eP	P	23 46 13.6	-0.6
JCT	Junction City	55.26	83	eP	P	23 46 13.2	-1.0
JCT	Junction City	55.26	83	eP	P	23 46 13.6	-0.6
135A	Vickery Place,	55.33	80	P	P	23 46 15.0	+0.3
W38A	Poteau	55.42	75	P	P	23 46 14.9	-0.3
Z36A	Blue Ridge	55.45	78	P	P	23 46 15.2	-0.3
X38A	Whitesboro	55.50	76	P	P	23 46 15.5	-0.3
631A	Perdido Creek	55.51	85	P	P	23 46 14.8	-1.2
433A	Art	55.51	82	P	P	23 46 14.9	-1.1
HVS	Khovu-Aksy	55.64	311	eP	P	23 46 17.3	+0.5
334A	Lometa	55.65	81	P	P	23 46 16.5	-0.5
WHTX	Lake Whitney	55.69	80	P	P	23 46 16.9	-0.3
WHTX	Lake Whitney	55.69	80	eP	P	23 46 17.6	+0.4
136A	Ennis	55.93	79	P	P	23 46 18.8	-0.2
632A	Uvalde	55.94	84	P	P	23 46 18.7	-0.4
434A	Burnet	55.98	82	P	P	23 46 18.7	-0.7
533A	Kerrville	56.02	83	P	P	23 46 18.6	-1.1
335A	Moody	56.19	81	P	P	23 46 20.6	-0.2
236A	Katherine and	56.25	79	P	P	23 46 21.6	+0.3
137A	Heron Place, G	56.33	78	P	P	23 46 22.0	+0.2
MIAR	Mount Ida	56.35	75	eP	P	23 46 21.5	-0.4
MIAR	Mount Ida	56.35	75	eP	P	23 46 21.2	-0.7
MIAR	Mount Ida	56.35	75	eP	P	23 46 21.5	-0.4
Z38A	Mt. Pleasant	56.36	77	P	P	23 46 21.5	-0.5
534A	Blanco	56.40	83	P	P	23 46 21.4	-1.0
435B	Jarvis	56.43	81	P	P	23 46 22.4	-0.2
336A	Riesel	56.48	80	P	P	23 46 22.9	0.0
SCO	Scorebysund	56.61	12	i	P	23 46 24.1	+0.9
SCO	Scorebysund	56.61	12	i	P	23 46 24.1	+0.9
SCO	Scorebysund	56.61	12	i	P	23 46 24.1	+0.9
832A	Faith Ranch, C	56.67	85	P	P	23 46 24.4	+0.1
733A	Divot King Ran	56.80	84	P	P	23 46 25.3	+0.2
SCHO	Schefferville	56.91	42	eP	P	23 46 25.9	+0.3
SCHO	Schefferville	56.91	42	eP	P	00 13 50.4	
SCHO	Schefferville	56.91	42	eP	P	23 46 25.9	+0.3
436A	Wall Ranch, Ga	56.93	81	P	P	23 46 26.4	+0.3
535A	Dale	56.96	82	P	P	23 46 26.3	-0.1
833A	Chaparral WMA,	57.01	85	P	P	23 46 26.4	-0.3
238A	Jacksonville	57.12	78	P	P	23 46 28.0	+0.6
734A	La Parita Cree	57.17	84	P	P	23 46 28.3	+0.5
635A	Leesville	57.28	83	P	P	23 46 29.9	+0.3
239A	Garv	57.52	78	P	P	23 46 30.5	+0.3
933A	Laredo	57.58	85	P	P	23 46 31.4	+0.7
735A	Kenedy	57.63	83	P	P	23 46 31.6	+0.5
636A	Smothers Creek	57.66	82	P	P	23 46 31.9	+0.6
834A	Tilden	57.68	84	P	P	23 46 32.2	+0.8
537A	Green Hill Far	57.71	81	P	P	23 46 32.0	+0.4
WHN	Wuhan	57.73	280	P	P	23 46 37.0	+5.3
438A	Sam Houston St						

30d 23h

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like Suwalki, Storozhevoje, Divnogorie, etc.

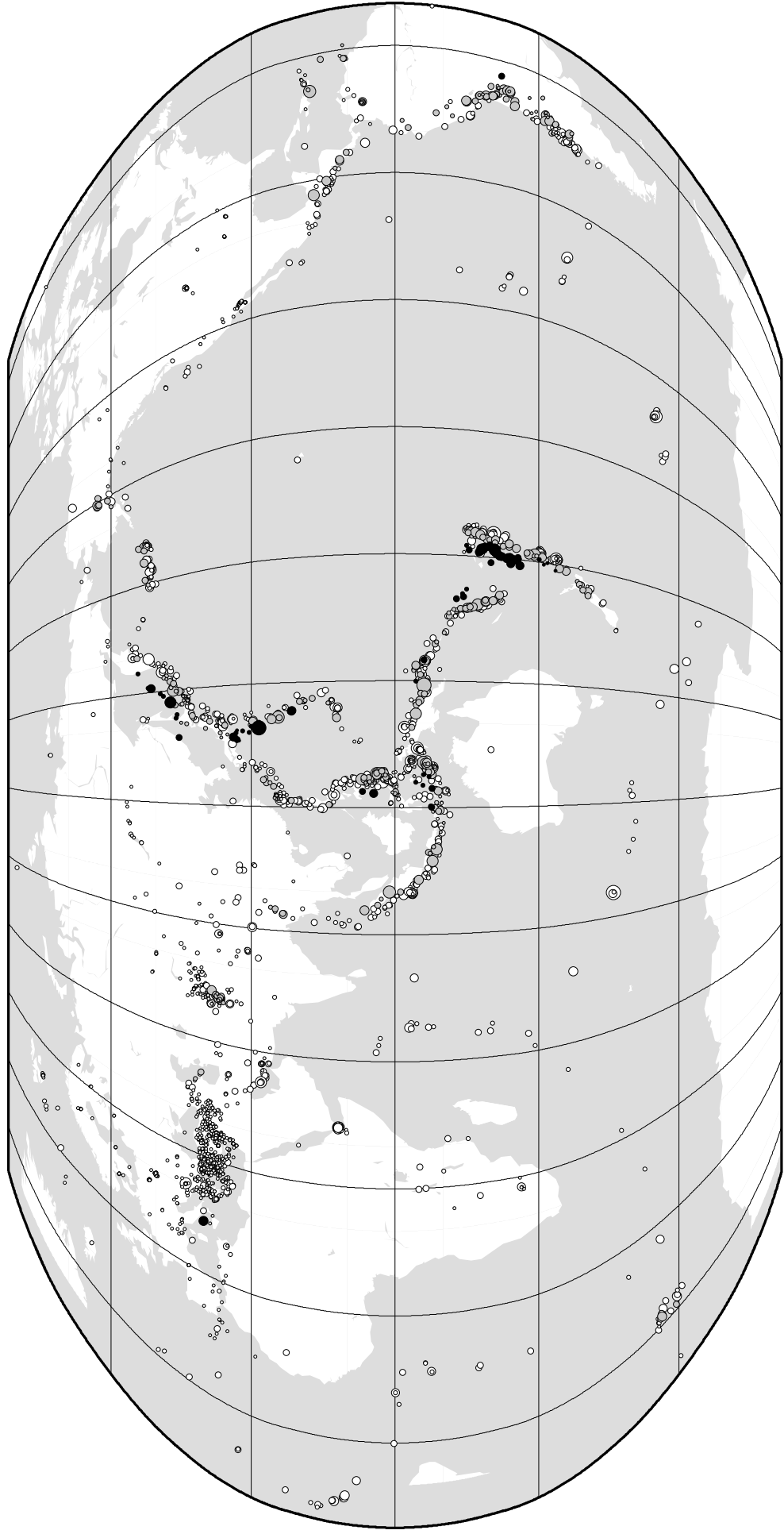
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Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like Trest, Gofitskoye, Khabul, etc.

1506

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like GANE, Gareloi Northe, SJA, etc.

ISC Computed Locations for November 2010



Robinson Projection, centred on 0°N, 130°E

